

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061319\
 Data File : VN056298.D
 Acq On : 13 Jun 2019 21:52
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/14/2019 9:36:56 AM

Quant Time: Jun 14 03:05:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	331589	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	509958	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	455600	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	191116	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	180441	54.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.62%	
35) Dibromofluoromethane	7.59	113	164956	52.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.44%	
50) Toluene-d8	10.09	98	599365	49.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.56%	
62) 4-Bromofluorobenzene	12.40	95	204309	49.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.80%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.85	85	169494	46.553	ug/l	100
3) Chloromethane	2.06	50	185187	51.520	ug/l	100
4) Vinyl Chloride	2.18	62	186881	51.831	ug/l	100
5) Bromomethane	2.52	94	102547	45.024	ug/l	97
6) Chloroethane	2.68	64	107842	51.587	ug/l	99
7) Trichlorofluoromethane	3.00	101	238142	51.737	ug/l	100
8) Diethyl Ether	3.40	74	96228	50.837	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	147358	52.702	ug/l	99
10) Methyl Iodide	3.94	142	164865	37.104	ug/l	99
11) Tert butyl alcohol	4.82	59	161632	282.105	ug/l	100
12) 1,1-Dichloroethene	3.72	96	144116	51.772	ug/l	98
13) Acrolein	3.60	56	38979	235.889	ug/l	100
14) Allyl chloride	4.31	41	241645	54.975	ug/l	97
15) Acrylonitrile	4.99	53	441903	316.840	ug/l	100
16) Acetone	3.82	43	368402	233.958	ug/l	99
17) Carbon Disulfide	4.04	76	313519	47.039	ug/l	100
18) Methyl Acetate	4.33	43	211369	68.551	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	490373	55.266	ug/l	98
20) Methylene Chloride	4.54	84	175427	54.075	ug/l	99
21) trans-1,2-Dichloroethene	5.03	96	152528	51.140	ug/l	98
22) Diisopropyl ether	5.96	45	510190	56.150	ug/l	99
23) Vinyl Acetate	5.90	43	2084590	291.332	ug/l	100
24) 1,1-Dichloroethane	5.84	63	293679	56.032	ug/l	99
25) 2-Butanone	6.84	43	583985	293.530	ug/l	100
26) 2,2-Dichloropropane	6.82	77	174892	42.763	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	186975	53.331	ug/l	99
28) Bromochloromethane	7.19	49	143843	58.034	ug/l	95
29) Tetrahydrofuran	7.22	42	388098	315.577	ug/l	97
30) Chloroform	7.37	83	295947	56.130	ug/l	100
31) Cyclohexane	7.65	56	250639	47.975	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	239996	54.509	ug/l	99
36) 1,1-Dichloropropene	7.79	75	212880	48.548	ug/l	99
37) Ethyl Acetate	6.94	43	226411	58.031	ug/l	98
38) Carbon Tetrachloride	7.77	117	206848	51.166	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	249806	45.732	ug/l	99
40) Benzene	8.04	78	670781	50.366	ug/l	100
41) Methacrylonitrile	7.17	41	95628	53.272	ug/l	88
42) 1,2-Dichloroethane	8.12	62	223334	52.133	ug/l	100
43) Isopropyl Acetate	8.17	43	350815	55.489	ug/l #	91
44) Trichloroethene	8.83	130	183758	48.017	ug/l	99
45) 1,2-Dichloropropane	9.12	63	184996	54.230	ug/l	100
46) Dibromomethane	9.21	93	120454	53.997	ug/l	96
47) Bromodichloromethane	9.40	83	230465	57.003	ug/l	97
48) Methyl methacrylate	9.20	41	179828	58.140	ug/l	97
49) 1,4-Dioxane	9.21	88	74474	1115.294	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	1152499	291.503	ug/l	100
52) Toluene	10.16	92	419587	50.630	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	228145	48.220	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	264014	54.327	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	178081	54.248	ug/l	97
56) Ethyl methacrylate	10.43	69	264908	55.314	ug/l	99
57) 1,3-Dichloropropane	10.71	76	293445	54.988	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	422823	224.302	ug/l	98
59) 2-Hexanone	10.75	43	798135	278.531	ug/l	99
60) Dibromochloromethane	10.90	129	184413	50.889	ug/l	98
61) 1,2-Dibromoethane	11.01	107	183949	54.813	ug/l	98
64) Tetrachloroethene	10.63	164	179982	45.638	ug/l	99
65) Chlorobenzene	11.43	112	463091	51.072	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	174083	55.603	ug/l	99
67) Ethyl Benzene	11.51	91	796264	50.503	ug/l	99
68) m/p-Xylenes	11.62	106	598145	99.310	ug/l	99
69) o-Xylene	11.95	106	293884	49.604	ug/l	99
70) Styrene	11.96	104	499430	53.055	ug/l	100
71) Bromoform	12.13	173	135939	51.623	ug/l #	99
73) Isopropylbenzene	12.25	105	785375	58.041	ug/l	100
74) N-amyl acetate	12.07	43	284837	55.911	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	245440	55.321	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	206438m	58.704	ug/l	
77) Bromobenzene	12.53	156	207420	50.692	ug/l	98
78) n-propylbenzene	12.59	91	843067	52.143	ug/l	100
79) 2-Chlorotoluene	12.67	91	514224	57.697	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	634054	49.343	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	58895	55.773	ug/l	91
82) 4-Chlorotoluene	12.77	91	498371	52.687	ug/l	100
83) tert-Butylbenzene	12.99	119	560636	56.591	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	624879	51.280	ug/l	99
85) sec-Butylbenzene	13.17	105	731446	51.084	ug/l	99
86) p-Isopropyltoluene	13.29	119	643278	50.199	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	325206	51.352	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	313070	51.391	ug/l	100
89) n-Butylbenzene	13.61	91	479023	50.462	ug/l	100
90) Hexachloroethane	13.88	117	111758	57.829	ug/l	94
91) 1,2-Dichlorobenzene	13.65	146	325502	50.910	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	39082	61.588	ug/l	99

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QLast Update : Tue Jun 04 11:02:09 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	146187	42.218	ug/l	99
94) Hexachlorobutadiene	15.01	225	111534	50.899	ug/l	99
95) Naphthalene	15.13	128	422425	46.503	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	170168	47.549	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

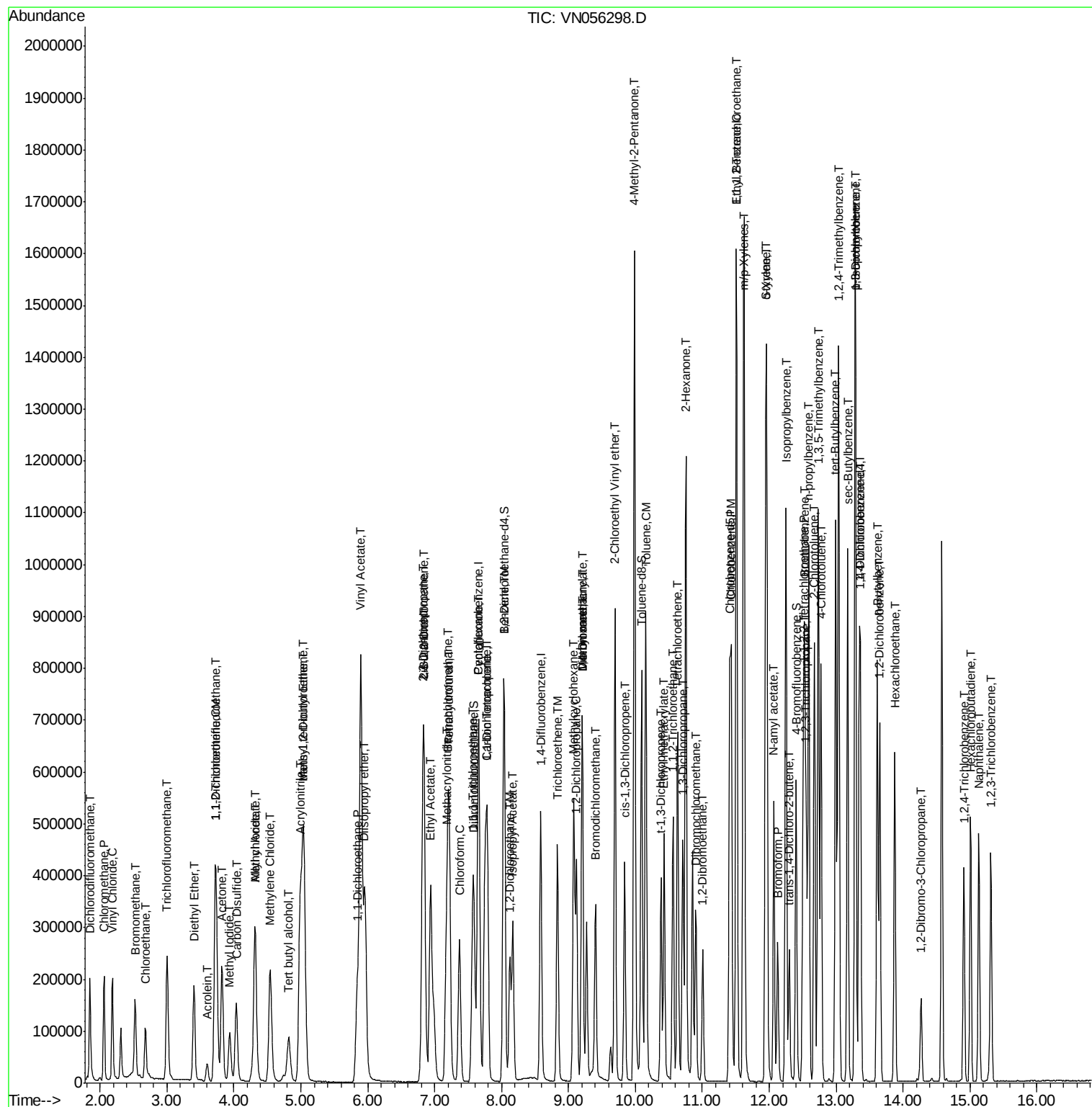
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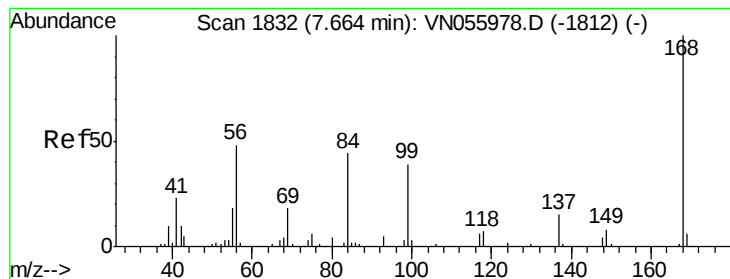
Instrument :
 MSVOA_N
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 VSTDCCC050EC

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN056298.D

Acq: 13 Jun 2019 21:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 331589

Ion Ratio Lower Upper

168 100

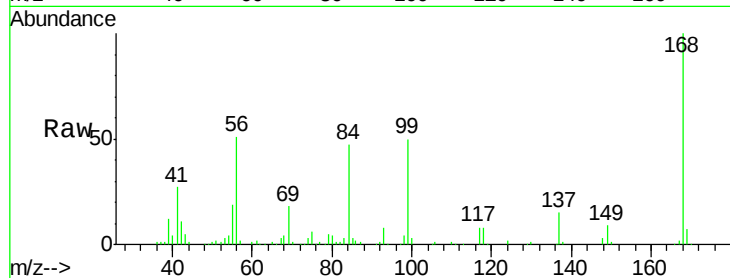
99 49.1 37.2 55.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

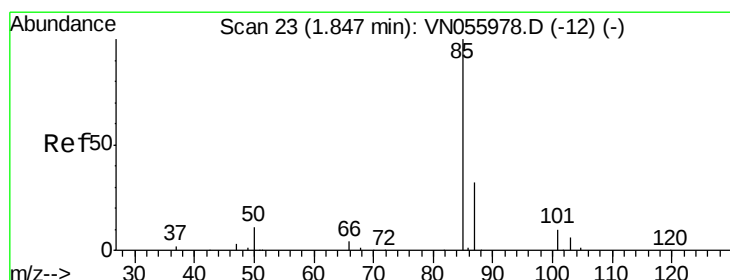
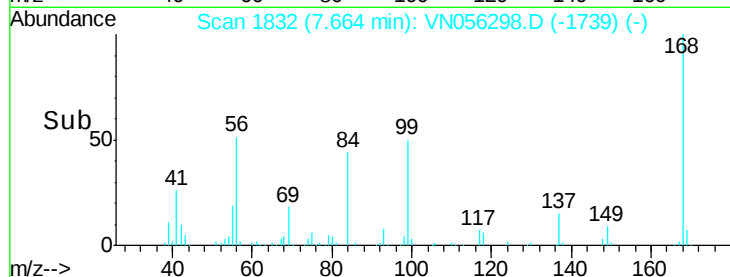
150000

100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#2

Dichlorodifluoromethane

Concen: 46.553 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056298.D

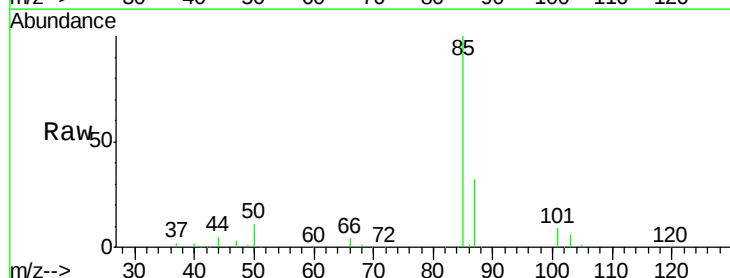
Acq: 13 Jun 2019 21:52

Tgt Ion: 85 Resp: 169494

Ion Ratio Lower Upper

85 100

87 32.5 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

120000

100000

80000

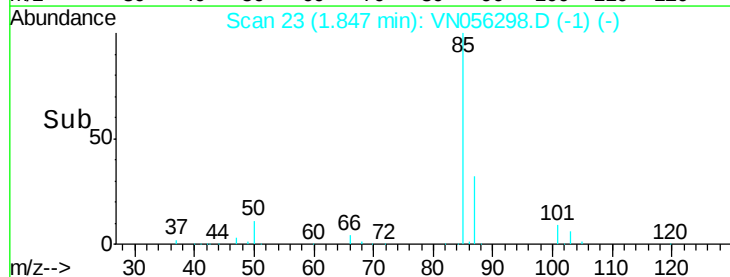
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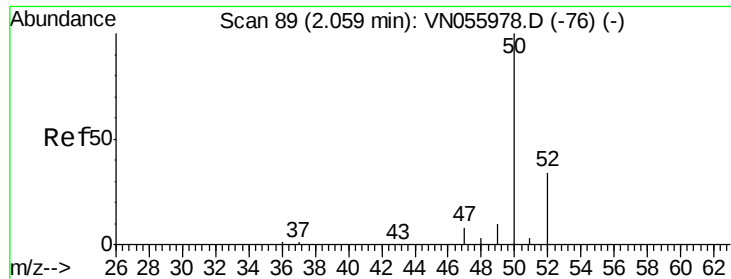
40000

20000

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Time--> 1.80 1.90





#3

Chloromethane

Concen: 51.520 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN056298.D

Acq: 13 Jun 2019 21:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 185187

Ion Ratio Lower Upper

50 100

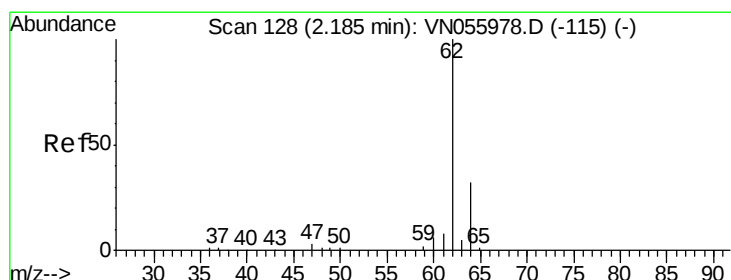
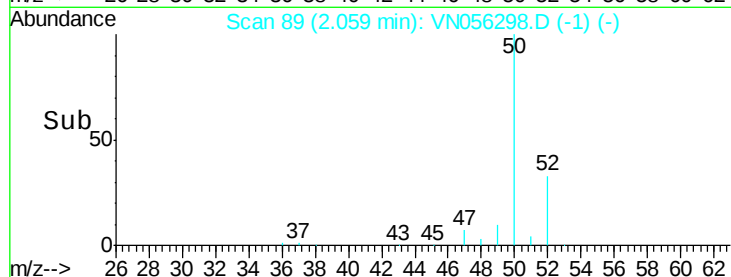
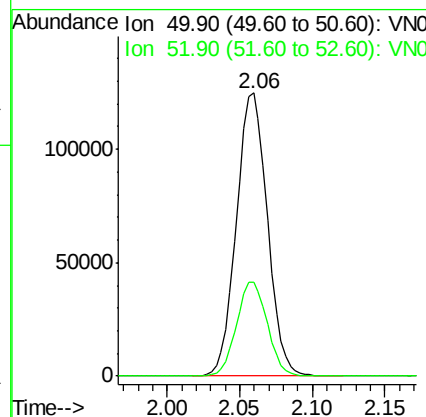
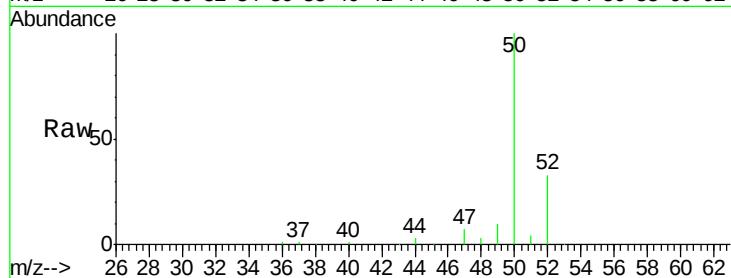
52 33.2 26.6 40.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 51.831 ug/l

RT: 2.18 min Scan# 128

Delta R.T. -0.00 min

Lab File: VN056298.D

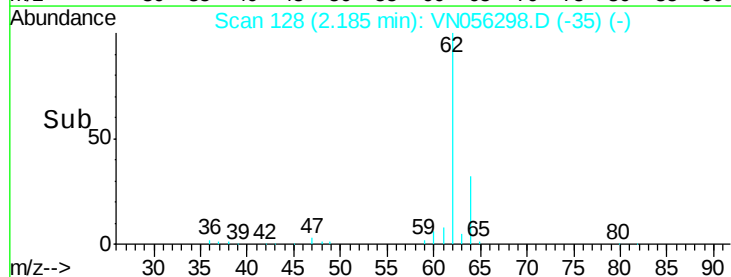
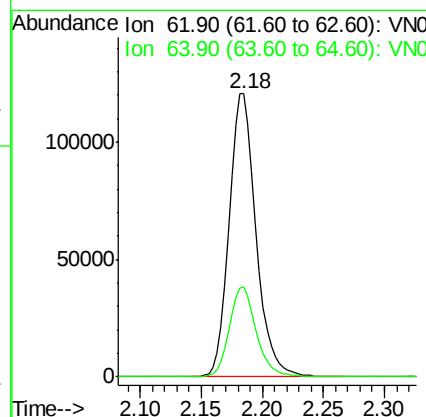
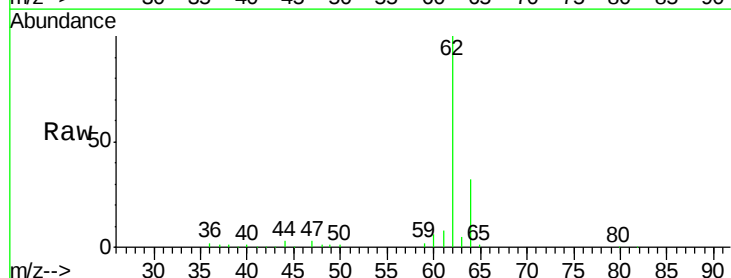
Acq: 13 Jun 2019 21:52

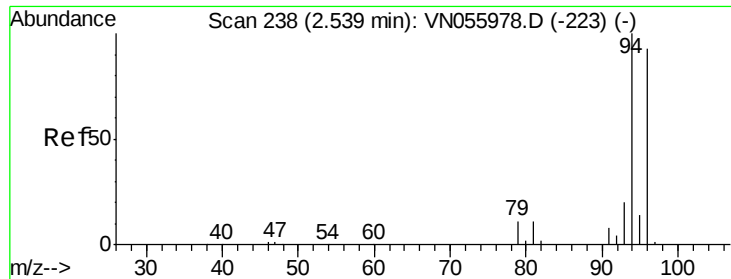
Tgt Ion: 62 Resp: 186881

Ion Ratio Lower Upper

62 100

64 32.0 25.6 38.4





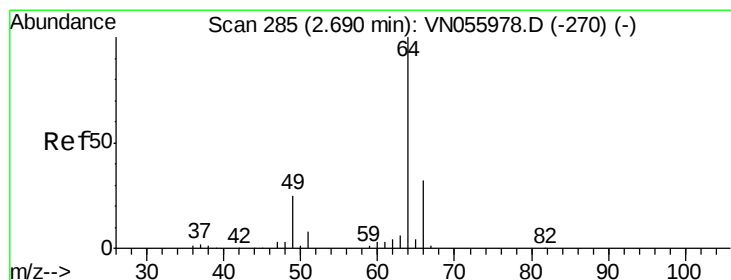
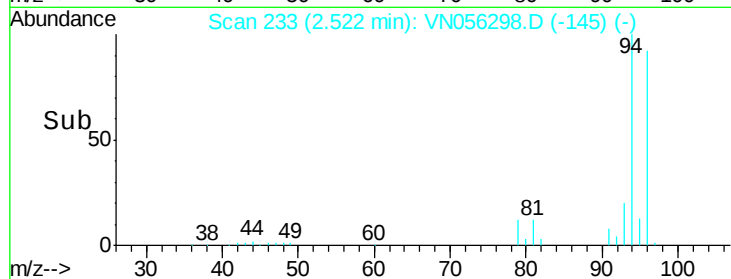
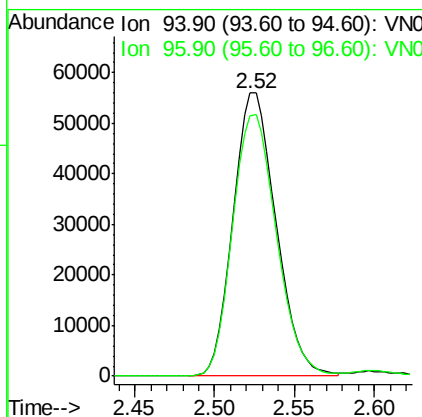
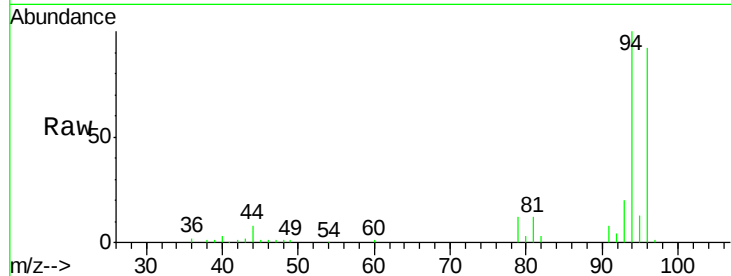
#5
Bromomethane
Concen: 45.024 ug/l
RT: 2.52 min Scan# 233
Delta R.T. -0.02 min
Lab File: VN056298.D
Acq: 13 Jun 2019 21:52

Instrument :
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Tot Ion	Ratio	Lower	Upper
94	100		
96	92.0	75.5	113.3

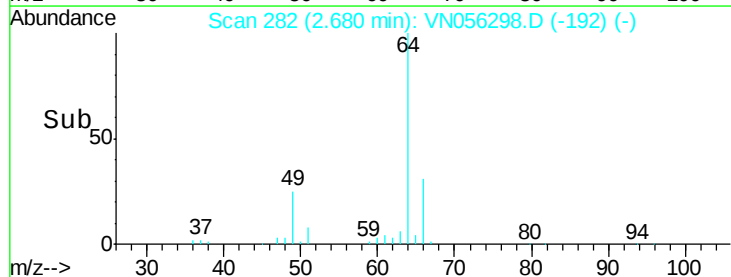
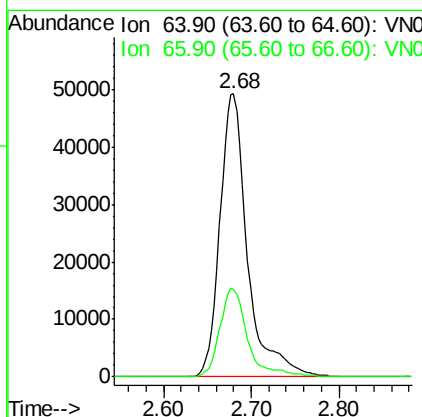
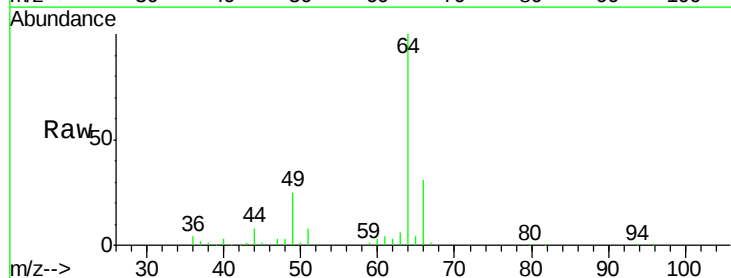
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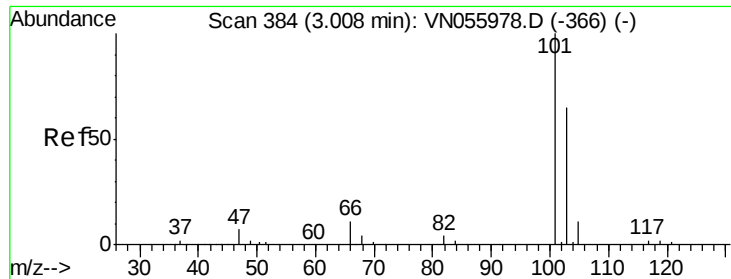
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#6
Chloroethane
Concen: 51.587 ug/l
RT: 2.68 min Scan# 282
Delta R.T. -0.01 min
Lab File: VN056298.D
Acq: 13 Jun 2019 21:52

Tgt Ion	Ratio	Lower	Upper
64	100		
66	31.0	25.4	38.0





#7

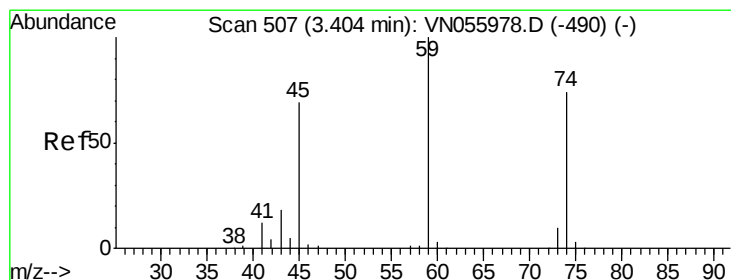
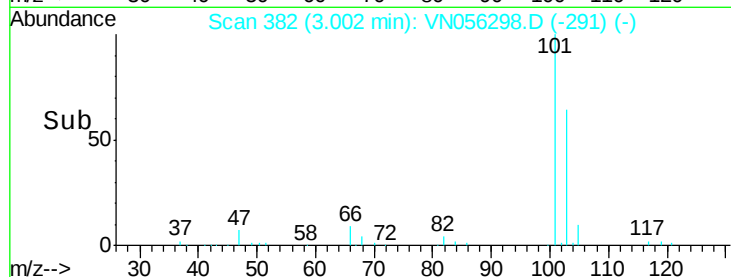
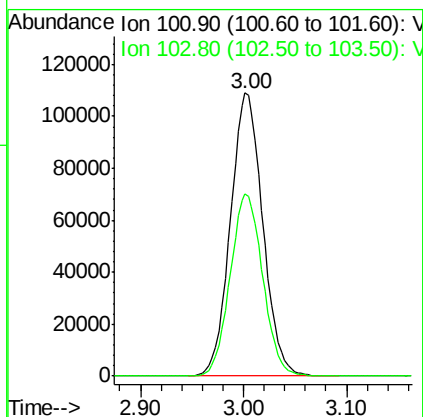
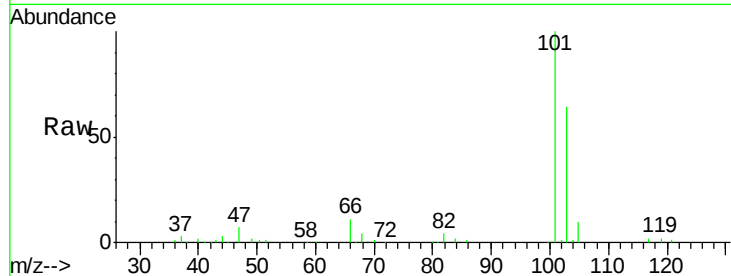
Trichlorofluoromethane
Concen: 51.737 ug/l
RT: 3.00 min Scan# 382
Delta R.T. -0.01 min
Lab File: VN056298.D
Acq: 13 Jun 2019 21:52

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.2	51.2	76.8

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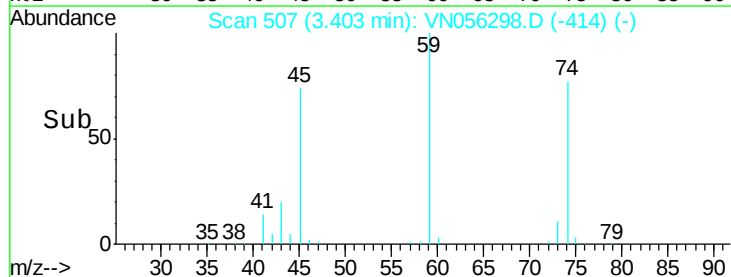
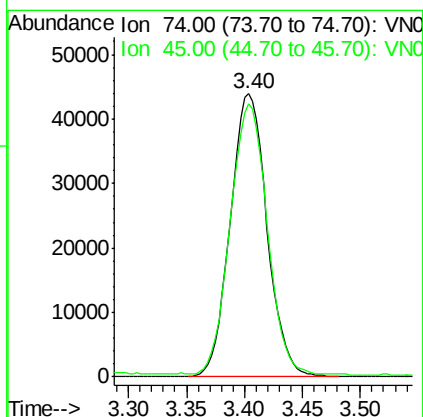
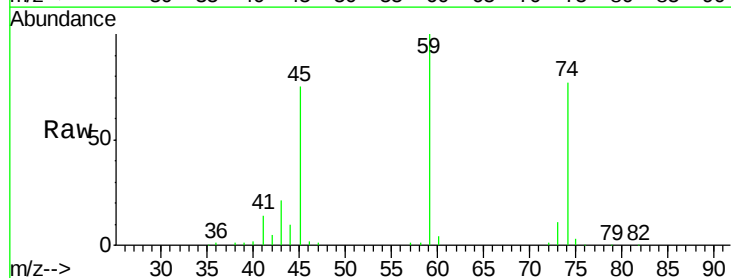
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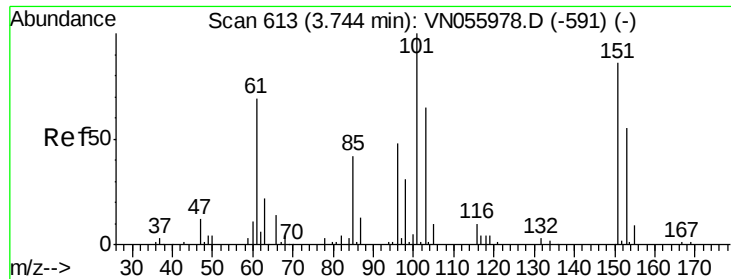


#8

Diethyl Ether
Concen: 50.837 ug/l
RT: 3.40 min Scan# 507
Delta R.T. -0.00 min
Lab File: VN056298.D
Acq: 13 Jun 2019 21:52

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.1	48.6	145.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.702 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.01 min

Lab File: VN056298.D

Acq: 13 Jun 2019 21:52

Instrument :

MSVOA_N

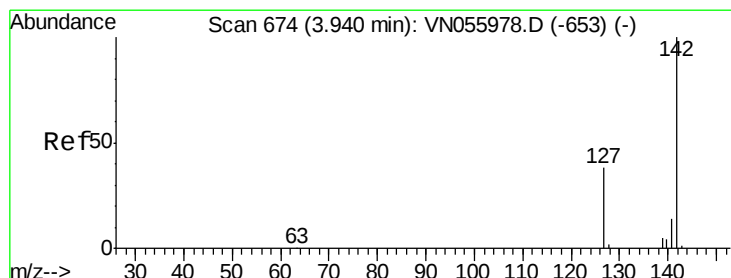
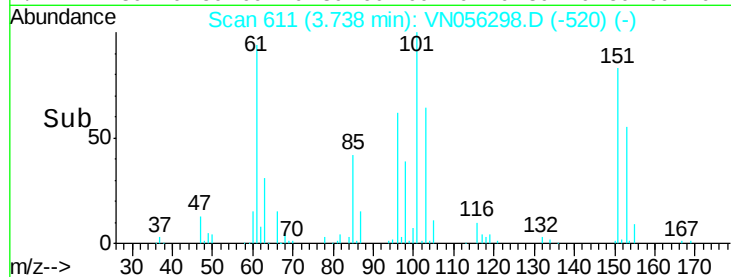
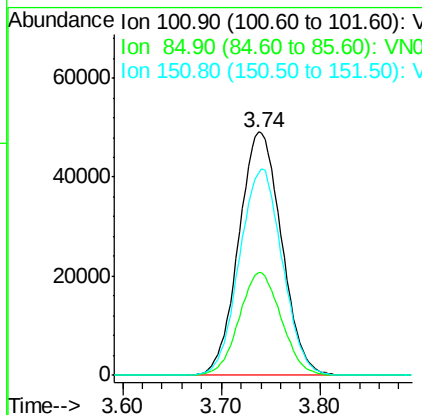
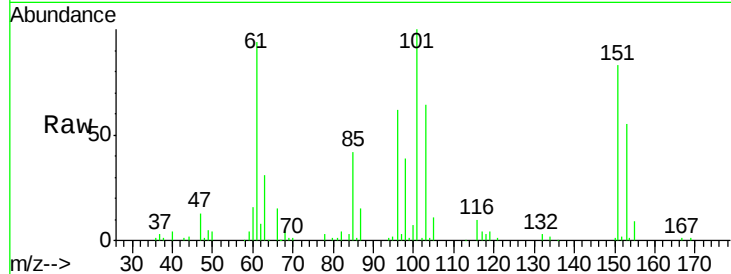
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	147358
Ion Ratio	Lower	Upper	
101	100		
85	41.6	33.4	50.2
151	85.1	69.4	104.2

Manual Integrations
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#10

Methyl Iodide

Concen: 37.104 ug/l

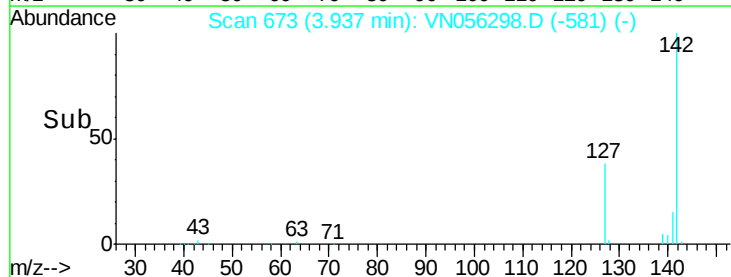
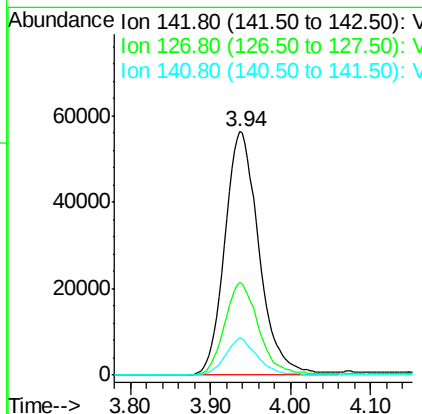
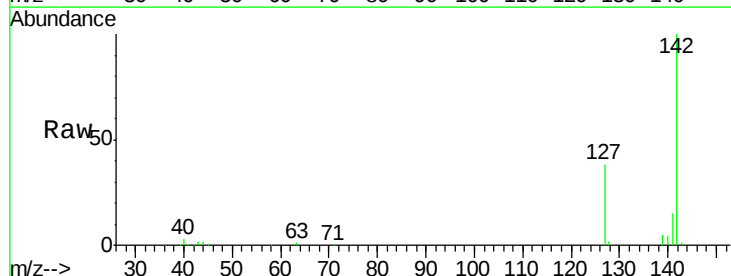
RT: 3.94 min Scan# 673

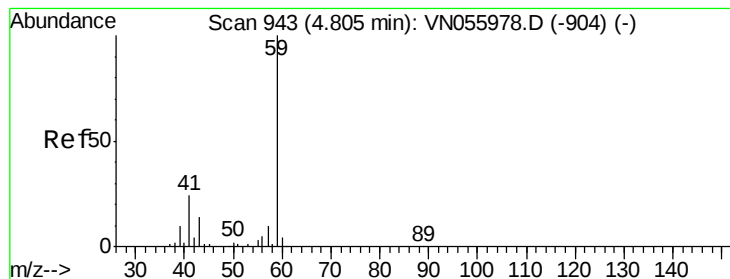
Delta R.T. -0.00 min

Lab File: VN056298.D

Acq: 13 Jun 2019 21:52

Tgt Ion:	142	Resp:	164865
Ion Ratio	Lower	Upper	
142	100		
127	37.8	31.0	46.4
141	14.1	11.4	17.0





#11

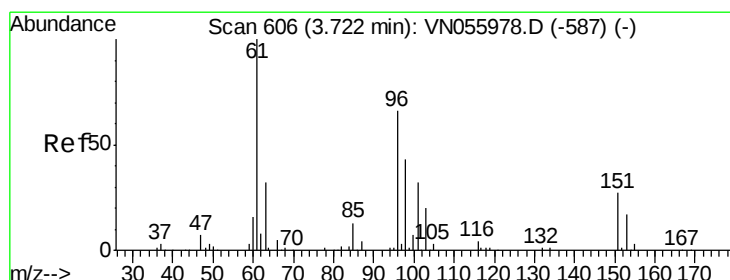
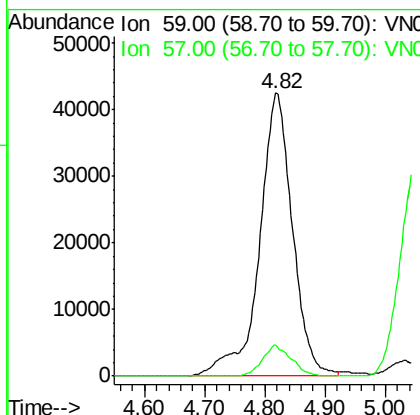
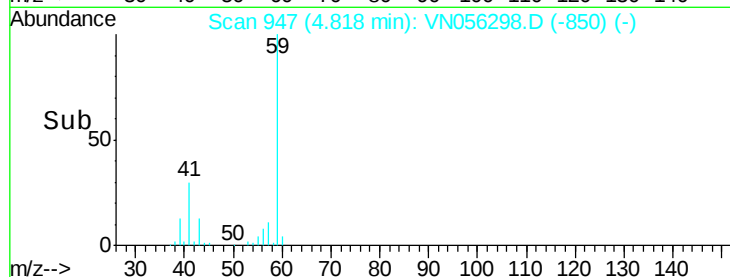
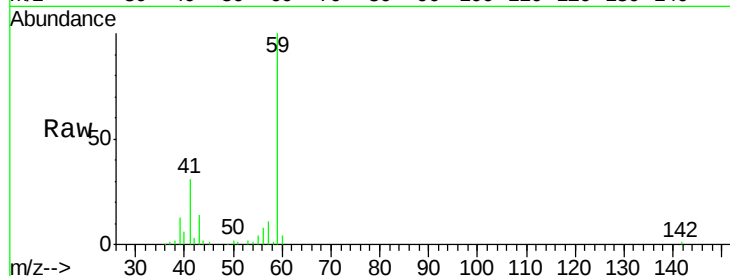
Tert butyl alcohol
Concen: 282.105 ug/l
RT: 4.82 min Scan# 947
Delta R.T. 0.01 min
Lab File: VN056298.D
Acq: 13 Jun 2019 21:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	59	Resp	161632
Ion Ratio	100	Lower	Upper
57	9.5	7.8	11.6

Manual Integrations
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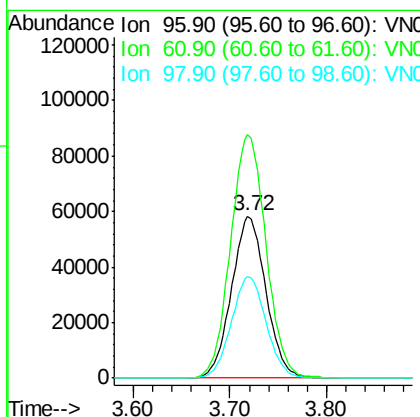
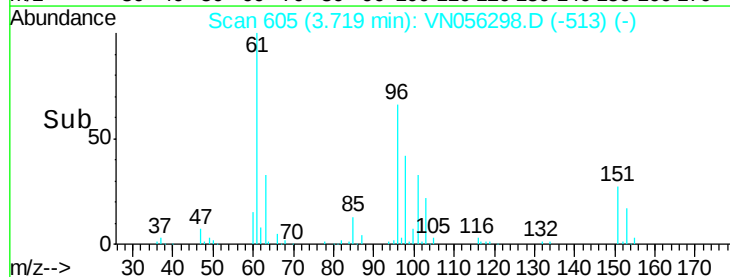
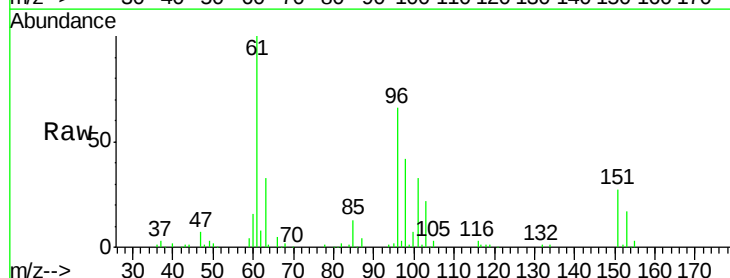
MMDadoda
6/14/2019 9:36:56 AM

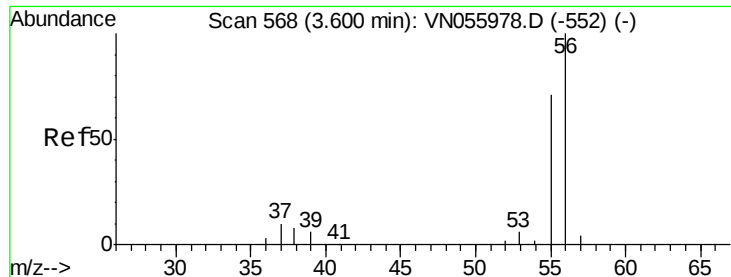


#12

1,1-Dichloroethene
Concen: 51.772 ug/l
RT: 3.72 min Scan# 605
Delta R.T. -0.00 min
Lab File: VN056298.D
Acq: 13 Jun 2019 21:52

Tgt Ion	96	Resp	144116
Ion Ratio	100	Lower	Upper
61	150.5	123.2	184.8
98	62.9	50.4	75.6





#13

Acrolein

Concen: 235.889 ug/l

RT: 3.60 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN056298.D

Acq: 13 Jun 2019 21:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 38979

Ion Ratio Lower Upper

56 100

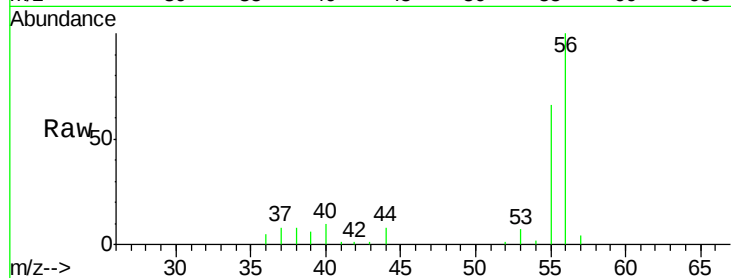
55 69.6 55.4 83.2

Manual Integrations

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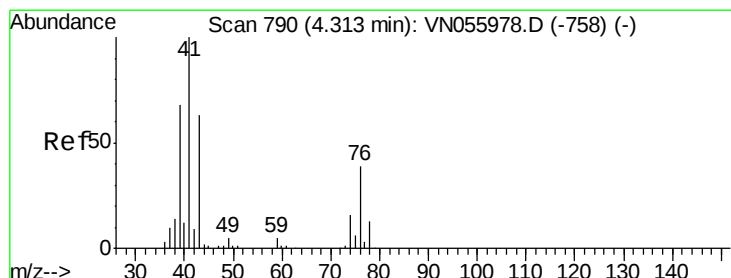
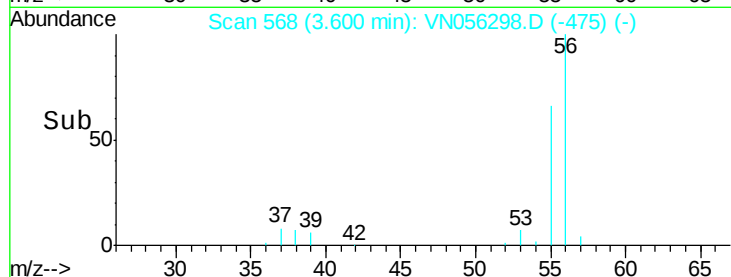
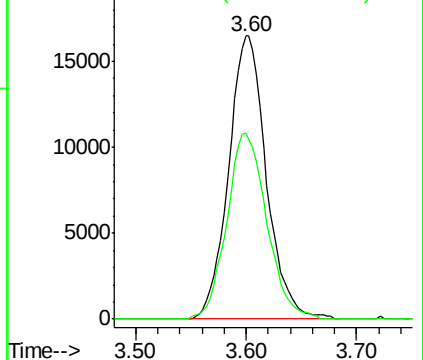
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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 54.975 ug/l

RT: 4.31 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN056298.D

Acq: 13 Jun 2019 21:52

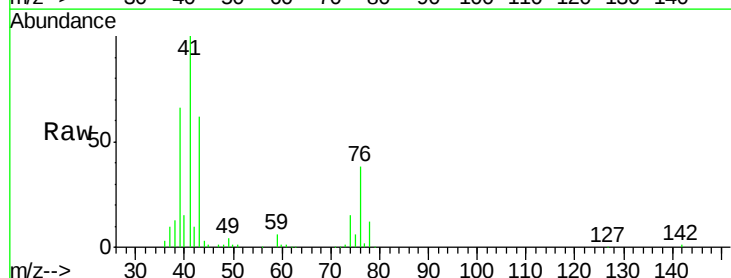
Tgt Ion: 41 Resp: 241645

Ion Ratio Lower Upper

41 100

39 59.8 50.0 75.0

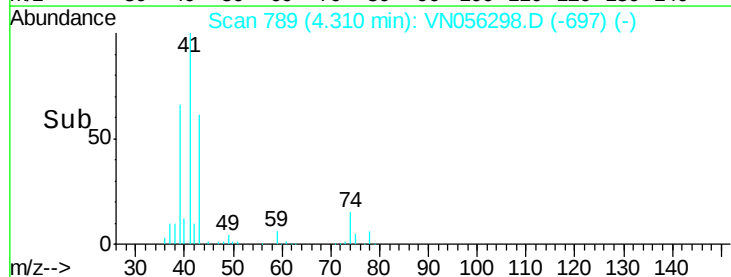
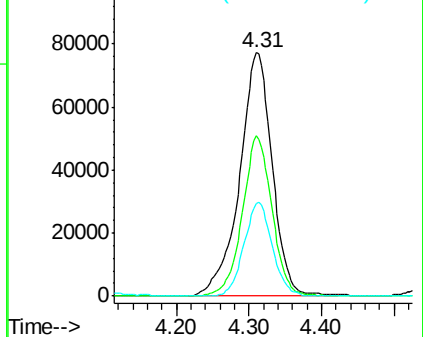
76 33.4 28.2 42.2

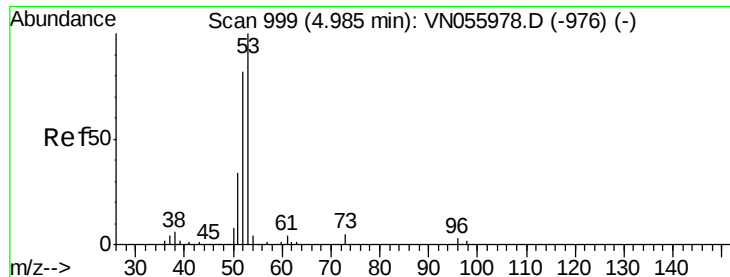


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 316.840 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN056298.D

Acq: 13 Jun 2019 21:52

Instrument :

MSVOA_N

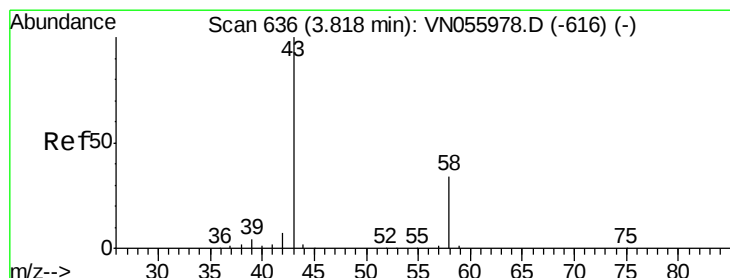
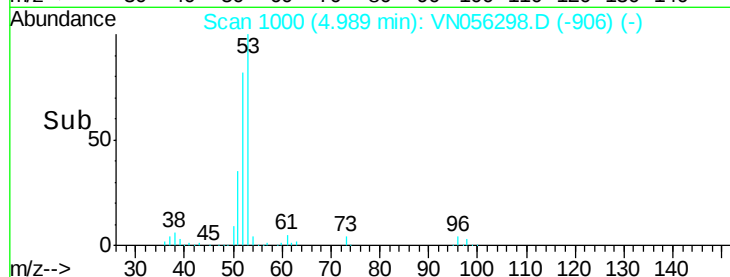
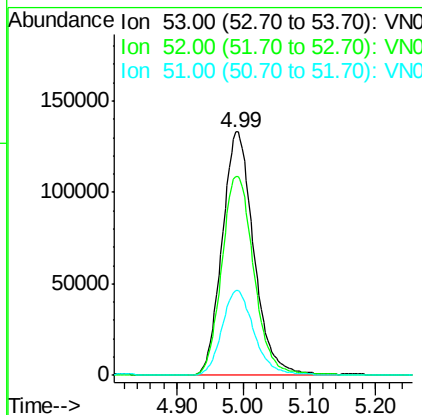
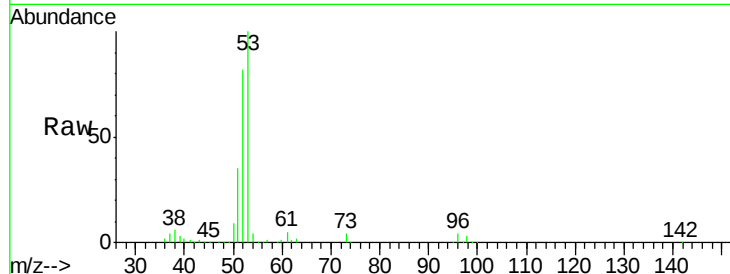
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	441903
Ion	Ratio	Lower	Upper
53	100		
52	82.6	65.8	98.8
51	35.7	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 233.958 ug/l

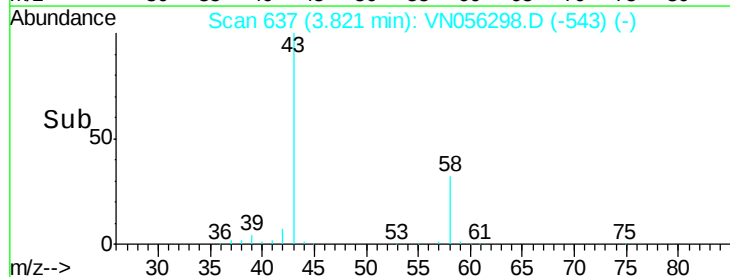
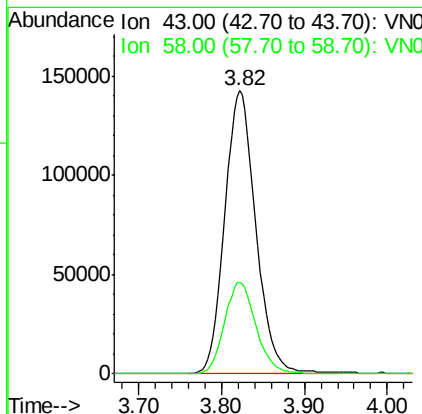
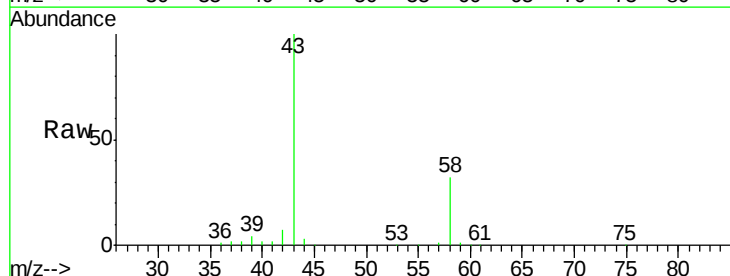
RT: 3.82 min Scan# 637

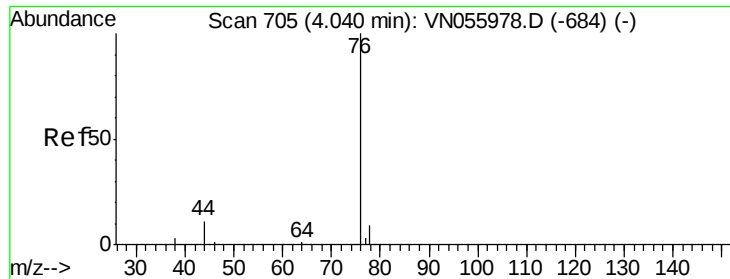
Delta R.T. 0.00 min

Lab File: VN056298.D

Acq: 13 Jun 2019 21:52

Tgt Ion:	43	Resp:	368402
Ion	Ratio	Lower	Upper
43	100		
58	32.4	26.6	39.8





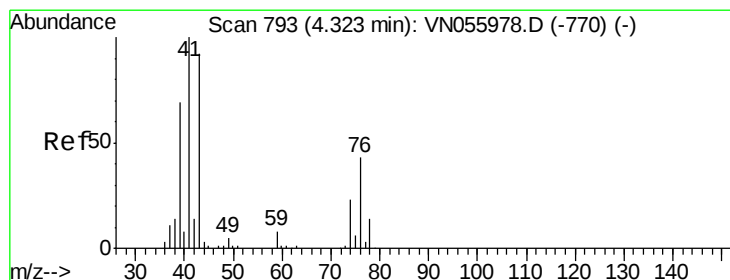
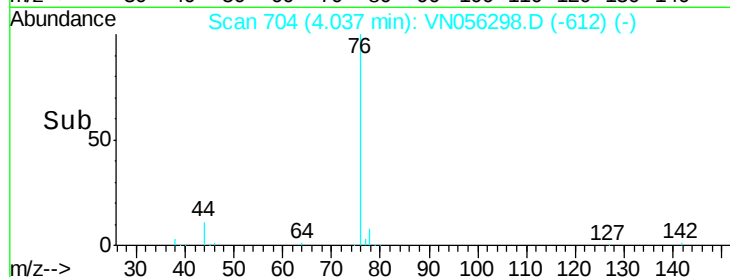
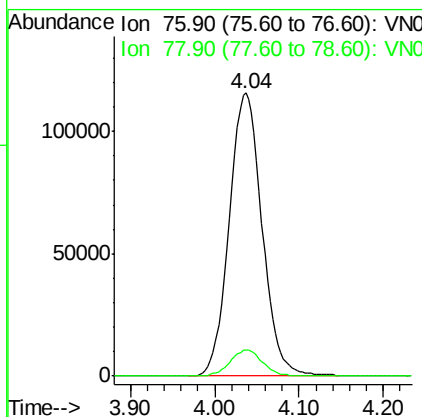
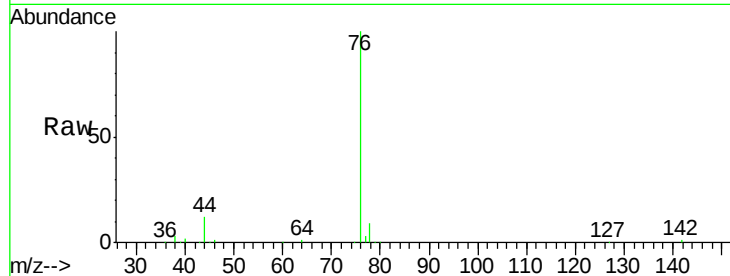
#17
Carbon Disulfide
Concen: 47.039 ug/l
RT: 4.04 min Scan# 704
Delta R.T. -0.00 min
Lab File: VN056298.D
Acq: 13 Jun 2019 21:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.4	11.2

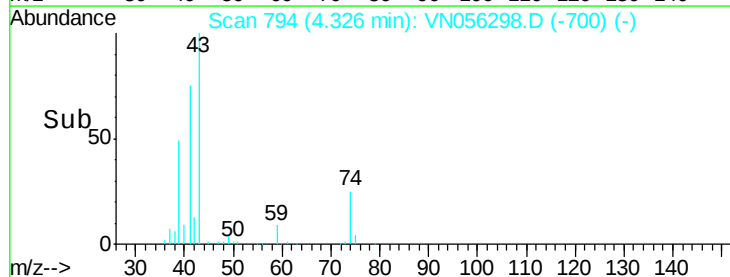
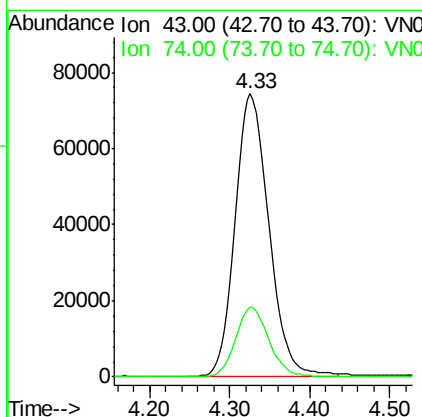
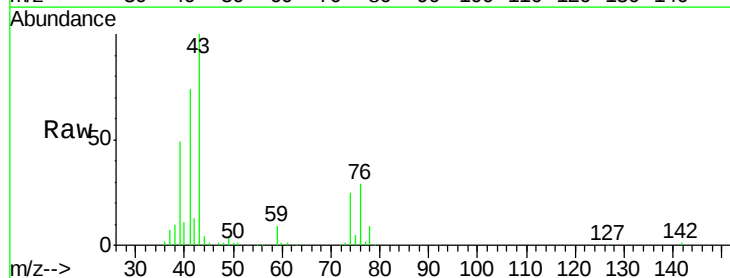
Manual Integrations
APPROVED

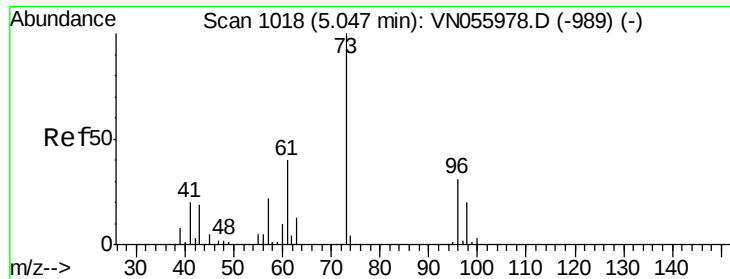
MMDadoda
6/14/2019 9:36:56 AM



#18
Methyl Acetate
Concen: 68.551 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN056298.D
Acq: 13 Jun 2019 21:52

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.5	19.3	28.9





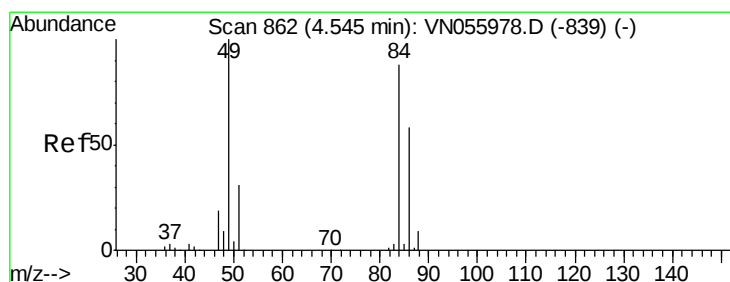
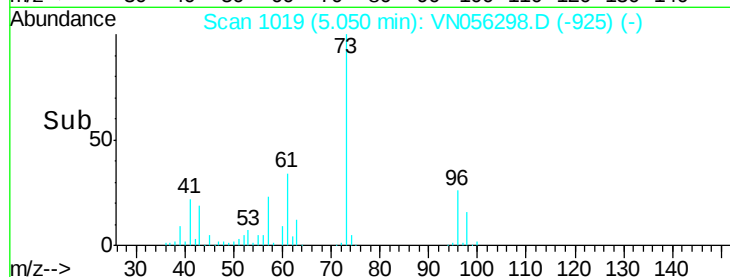
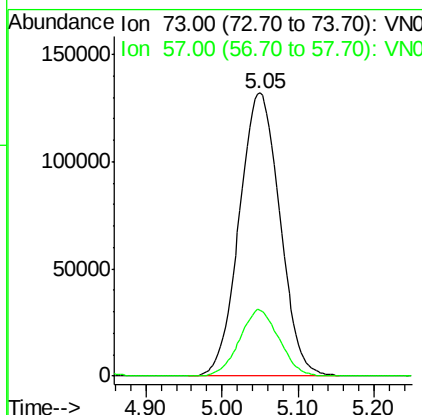
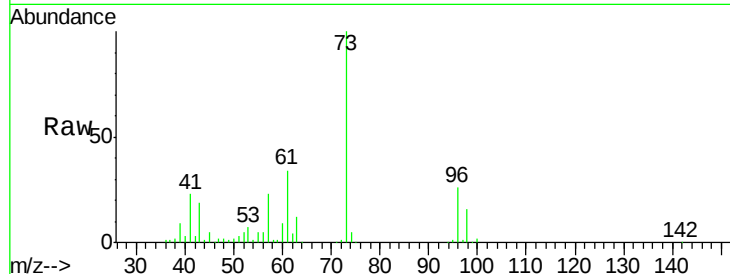
#19
Methyl tert-butyl Ether
Concen: 55.266 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN056298.D
Acq: 13 Jun 2019 21:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 490373
Ion Ratio Lower Upper
73 100
57 23.4 17.8 26.8

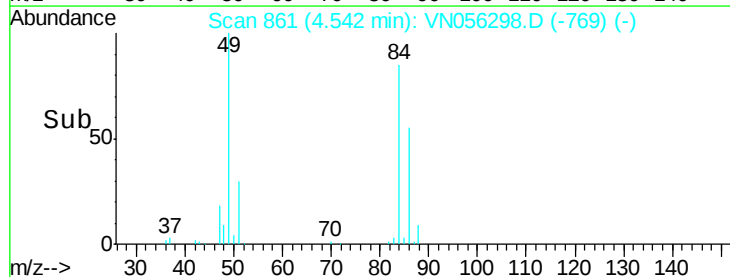
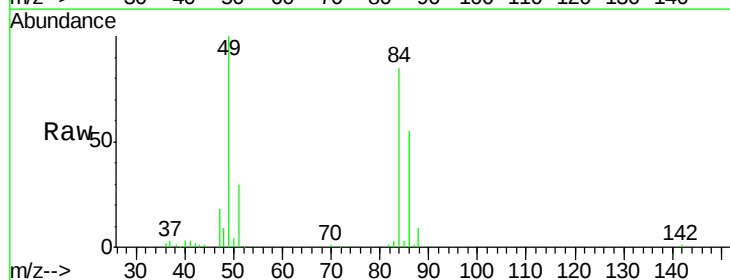
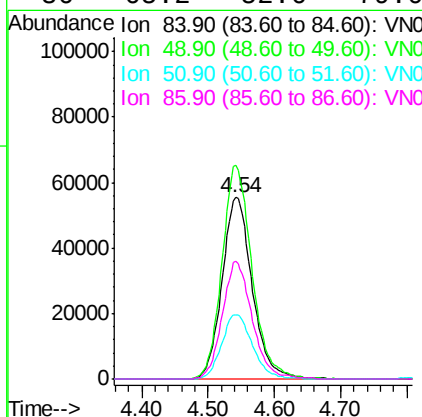
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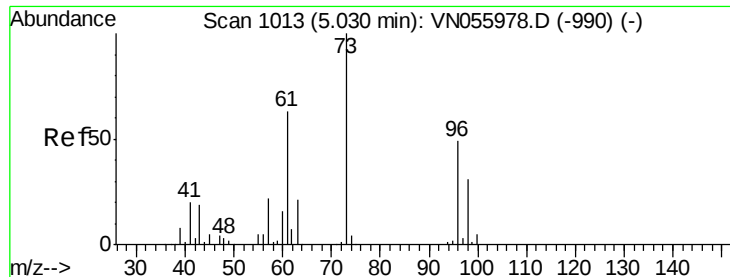
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#20
Methylene Chloride
Concen: 54.075 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.00 min
Lab File: VN056298.D
Acq: 13 Jun 2019 21:52

Tgt Ion: 84 Resp: 175427
Ion Ratio Lower Upper
84 100
49 117.8 93.5 140.3
51 35.4 28.6 43.0
86 65.2 52.6 79.0





#21

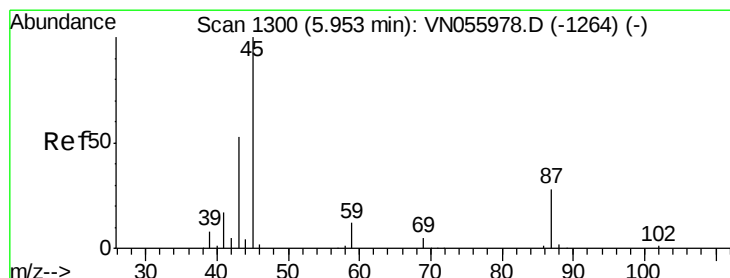
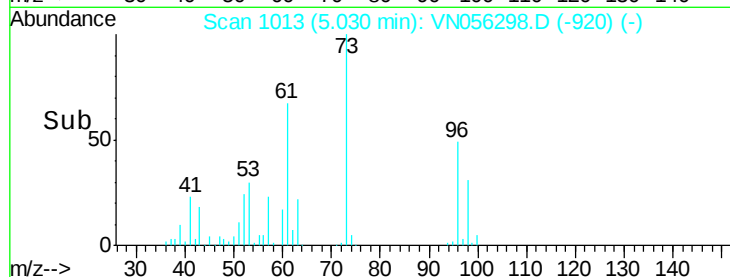
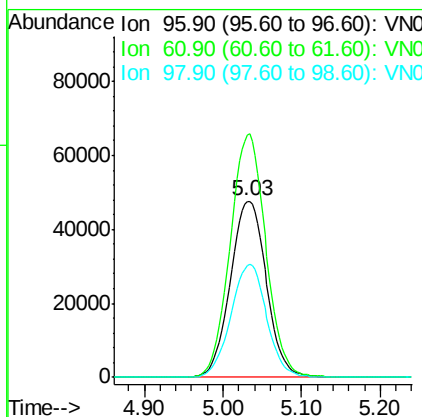
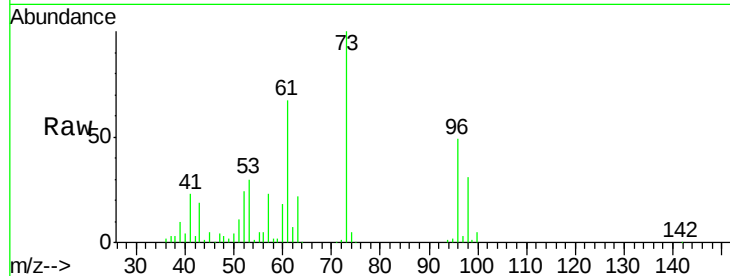
trans-1,2-Dichloroethene
Concen: 51.140 ug/l
RT: 5.03 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VN056298.D
Acq: 13 Jun 2019 21:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	137.6	107.8	161.8
98	63.2	49.8	74.8

Manual Integrations
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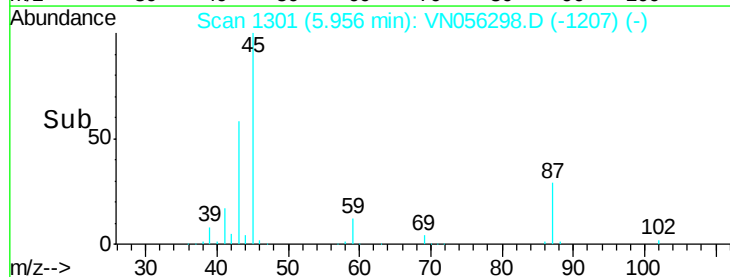
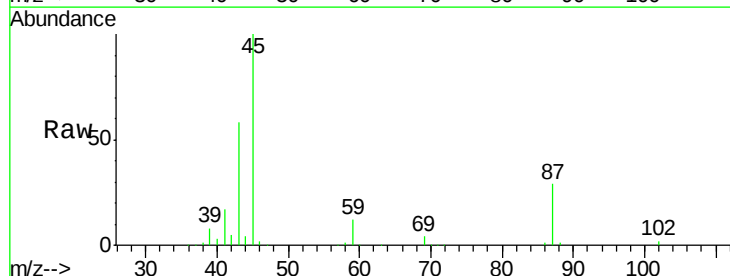
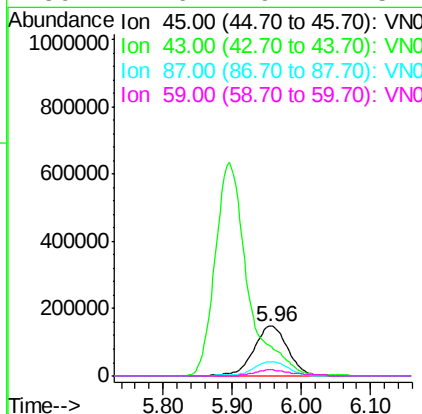
MMDadoda
6/14/2019 9:36:56 AM

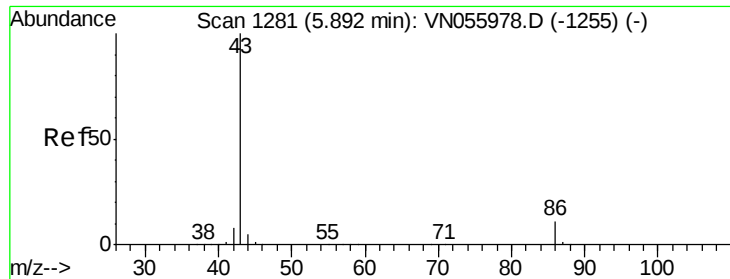


#22

Diisopropyl ether
Concen: 56.150 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VN056298.D
Acq: 13 Jun 2019 21:52

Tgt Ion	Ratio	Lower	Upper
45	100		
43	56.7	45.0	67.6
87	28.8	22.2	33.4
59	11.6	9.1	13.7





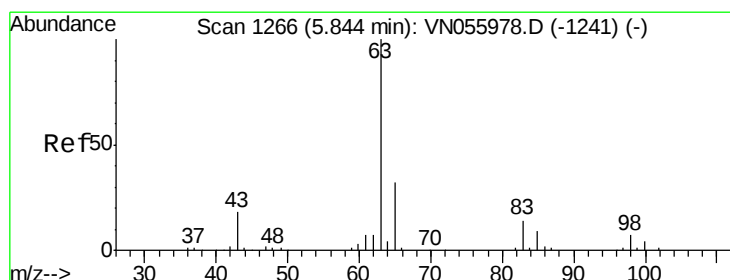
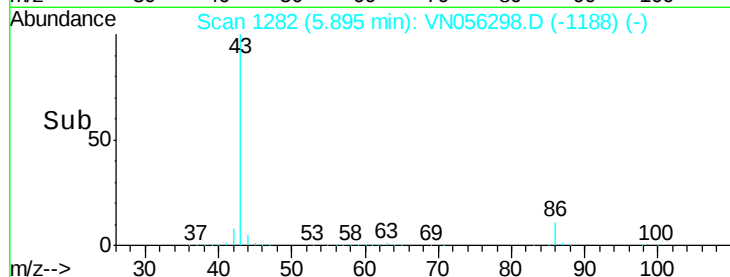
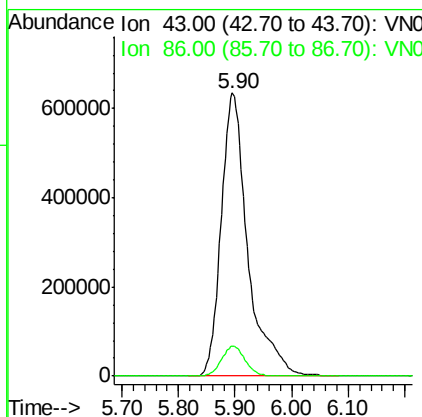
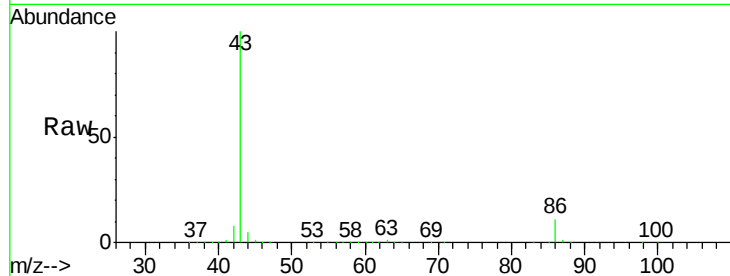
#23
 Vinyl Acetate
 Concen: 291.332 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VN056298.D
 Acq: 13 Jun 2019 21:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 2084590
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.6 13.0

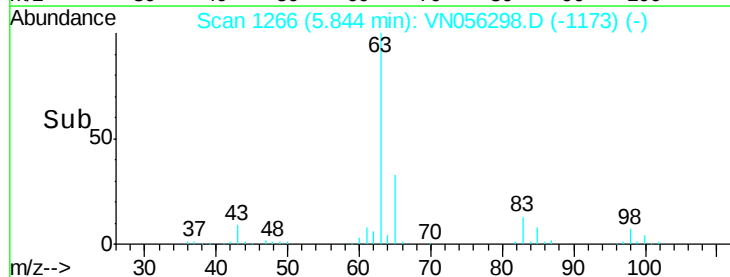
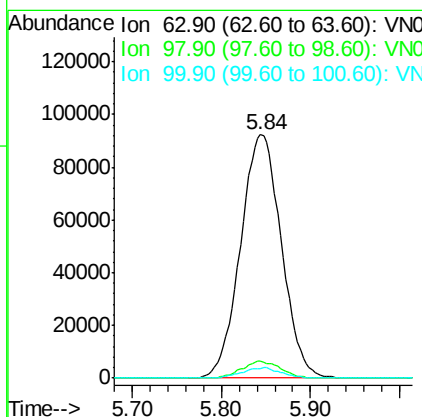
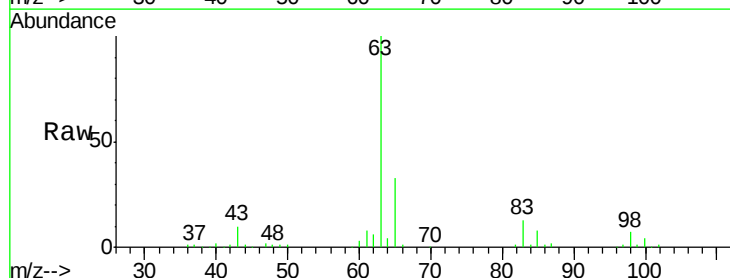
Manual Integrations
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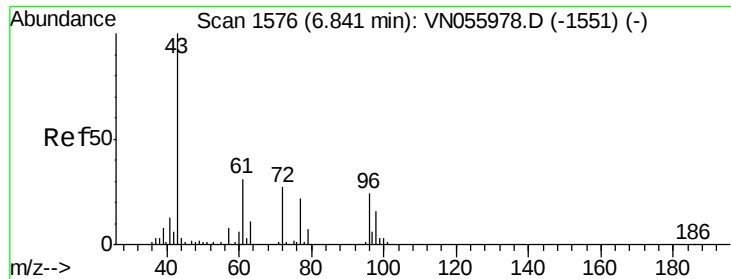
MMDadoda
 6/14/2019 9:36:56 AM



#24
 1,1-Dichloroethane
 Concen: 56.032 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: VN056298.D
 Acq: 13 Jun 2019 21:52

Tgt Ion: 63 Resp: 293679
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.4 10.1
 100 4.1 2.2 6.6





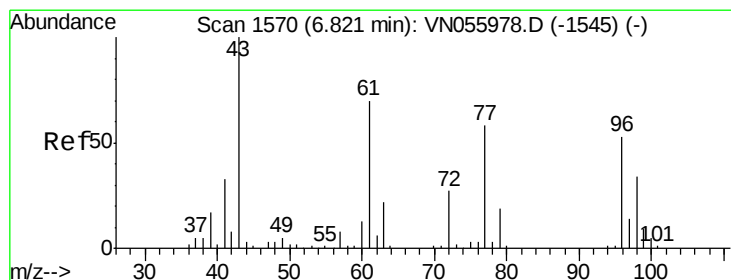
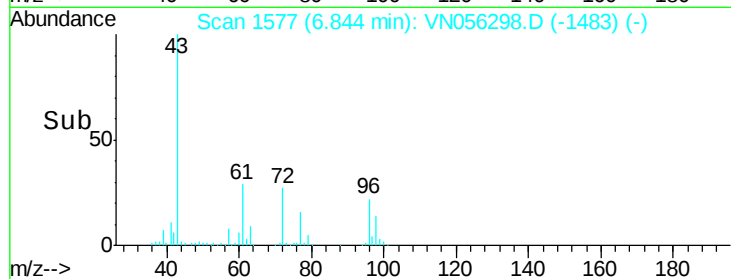
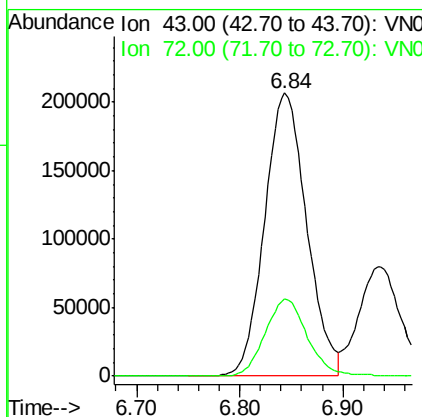
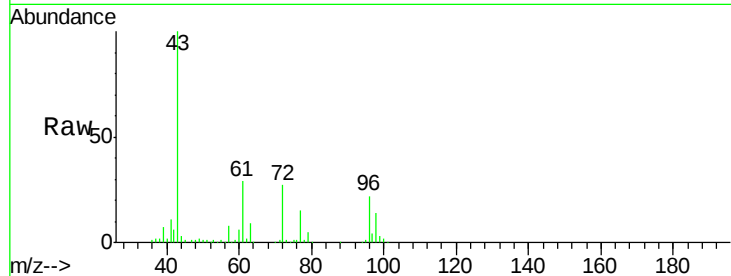
#25
2-Butanone
Concen: 293.530 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.00 min
Lab File: VN056298.D
Acq: 13 Jun 2019 21:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 583985
Ion Ratio Lower Upper
43 100
72 27.2 21.9 32.9

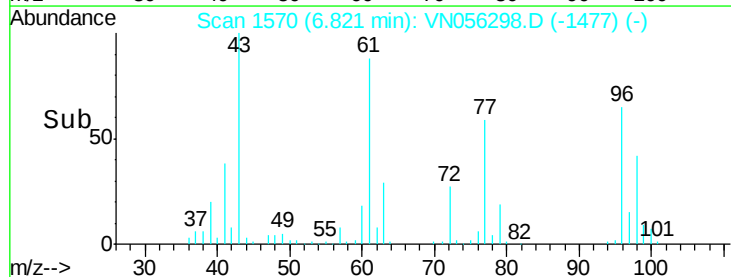
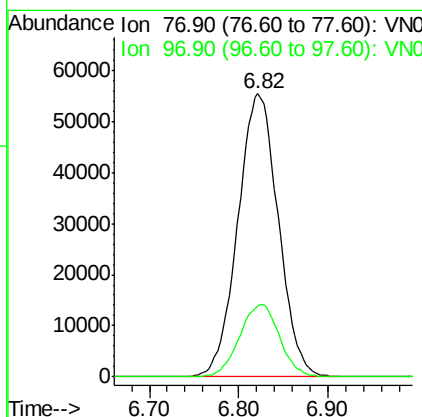
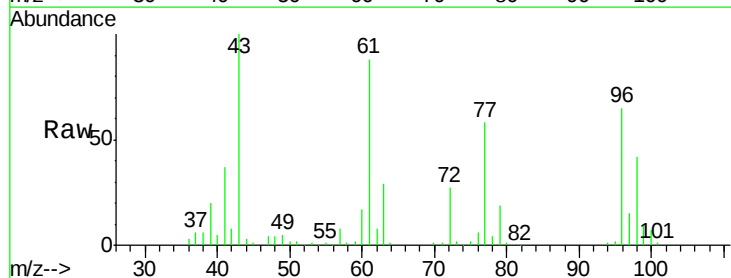
Manual Integrations
APPROVED

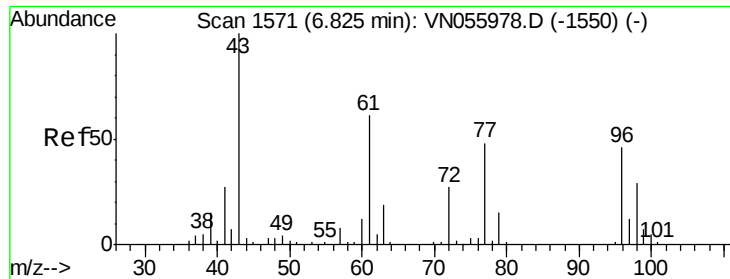
MMDadoda
6/14/2019 9:36:56 AM



#26
2,2-Dichloropropane
Concen: 42.763 ug/l
RT: 6.82 min Scan# 1570
Delta R.T. -0.00 min
Lab File: VN056298.D
Acq: 13 Jun 2019 21:52

Tgt Ion: 77 Resp: 174892
Ion Ratio Lower Upper
77 100
97 25.3 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 53.331 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN056298.D

Acq: 13 Jun 2019 21:52

Instrument :

MSVOA_N

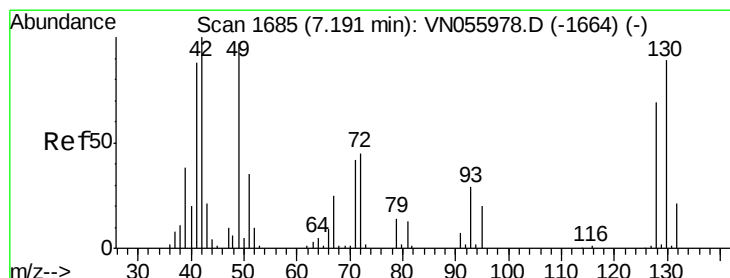
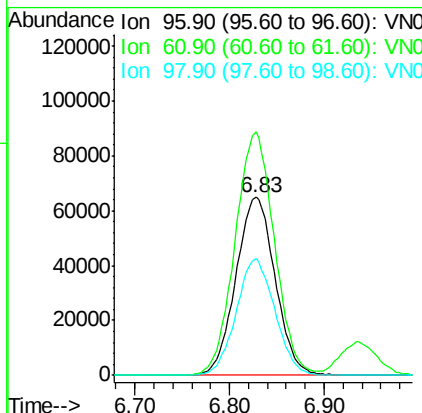
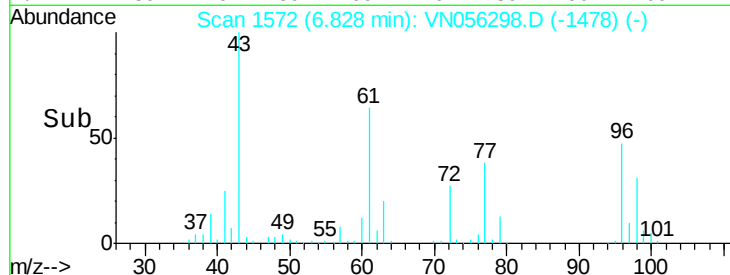
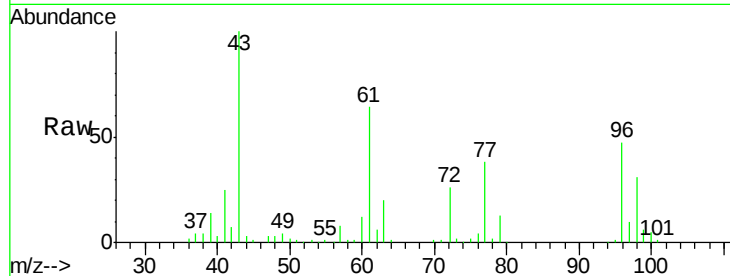
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	186975
Ion Ratio	Lower	Upper	
96	100		
61	136.9	0.0	275.8
98	64.6	0.0	128.4

Manual Integrations
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MMDadoda
6/14/2019 9:36:56 AM



#28

Bromochloromethane

Concen: 58.034 ug/l

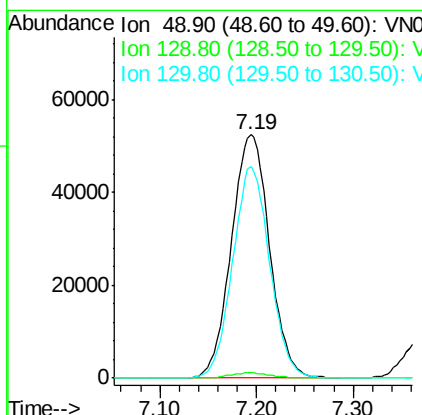
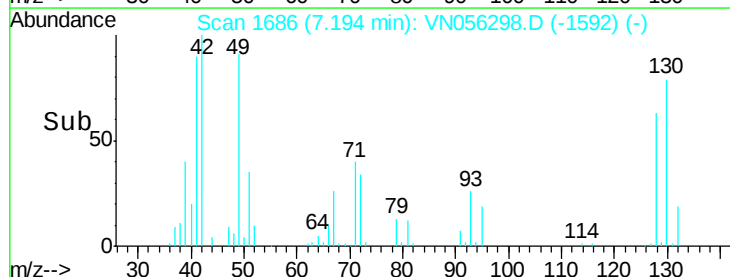
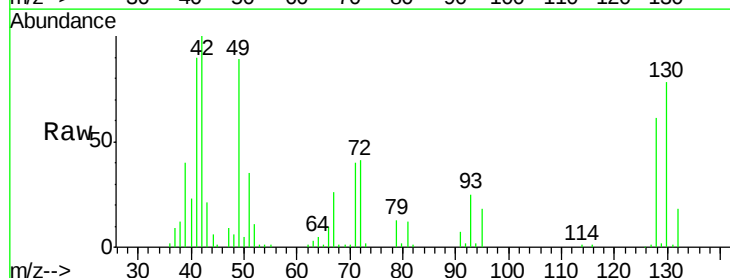
RT: 7.19 min Scan# 1686

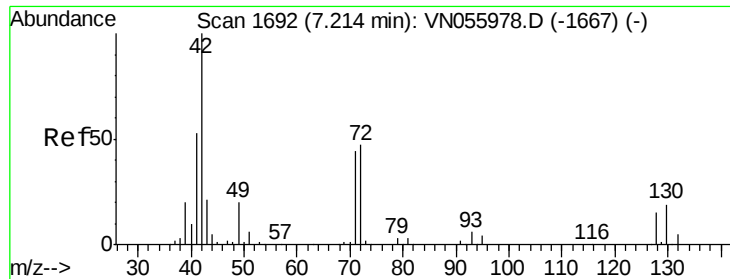
Delta R.T. 0.00 min

Lab File: VN056298.D

Acq: 13 Jun 2019 21:52

Tgt Ion:	49	Resp:	143843
Ion Ratio	Lower	Upper	
49	100		
129	2.2	0.0	4.4
130	84.1	71.2	106.8





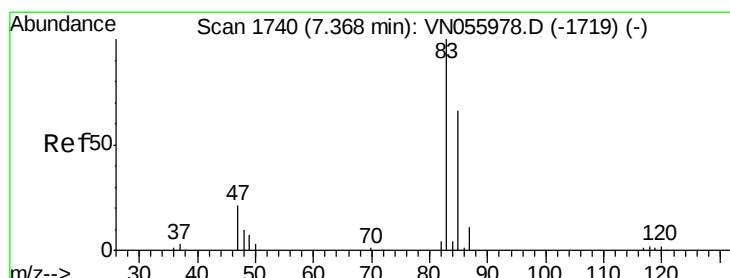
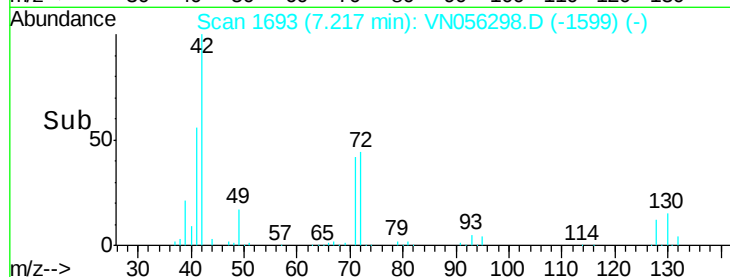
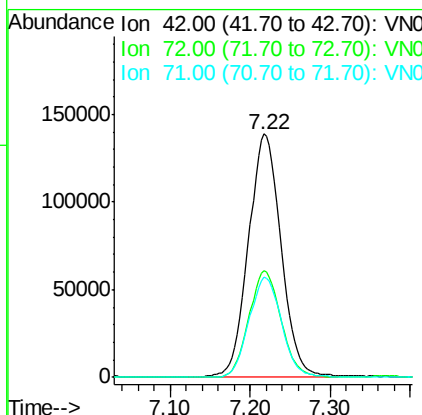
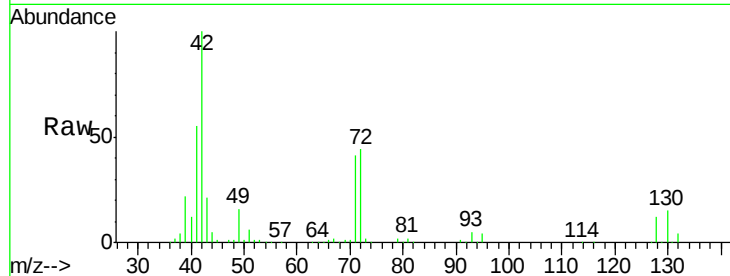
#29
Tetrahydrofuran
Concen: 315.577 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN056298.D
Acq: 13 Jun 2019 21:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.0	35.9	53.9
71	40.9	34.0	51.0

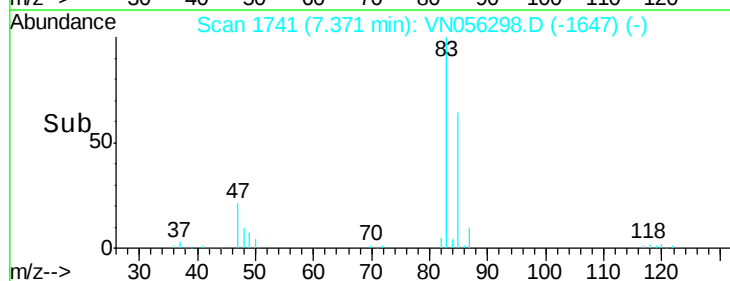
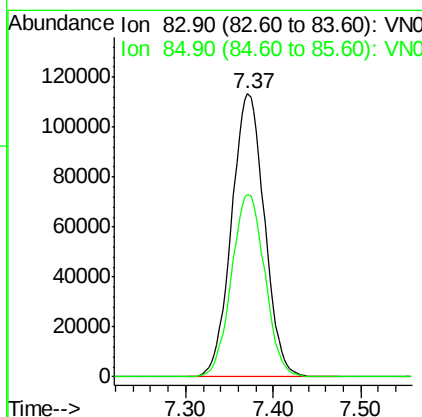
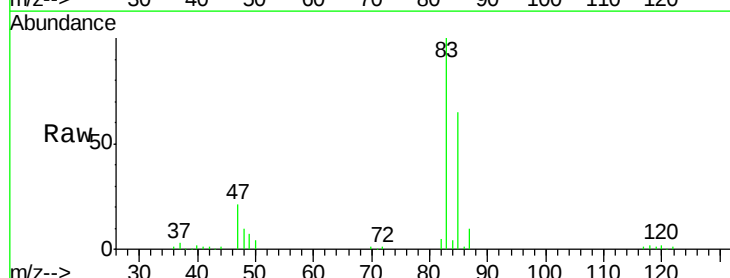
Manual Integrations
APPROVED

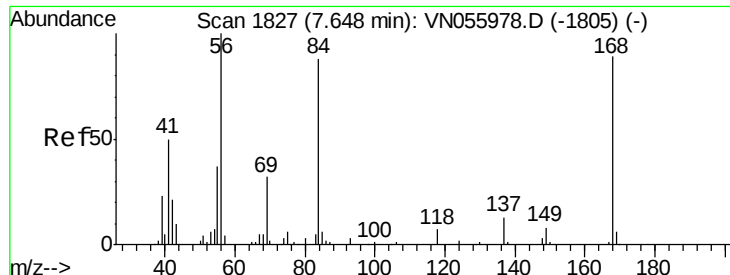
MMDadoda
6/14/2019 9:36:56 AM



#30
Chloroform
Concen: 56.130 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN056298.D
Acq: 13 Jun 2019 21:52

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.8	77.8





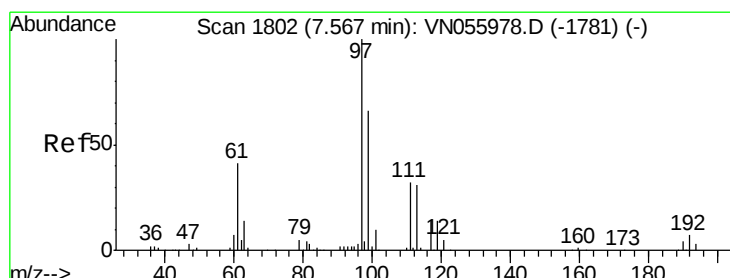
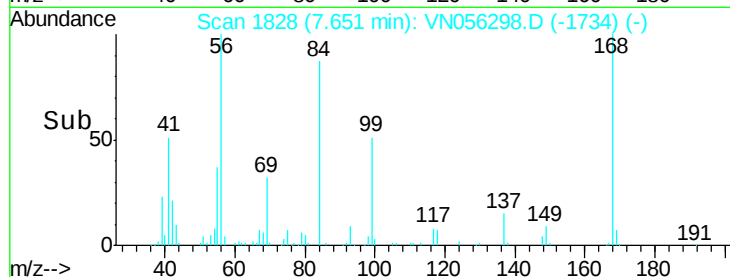
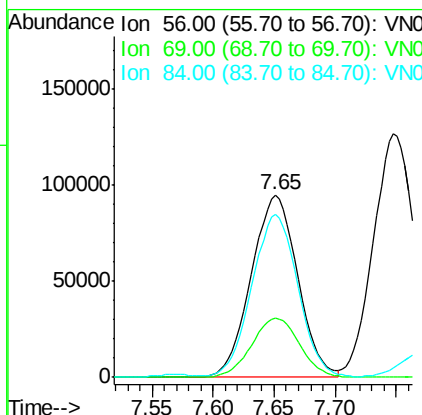
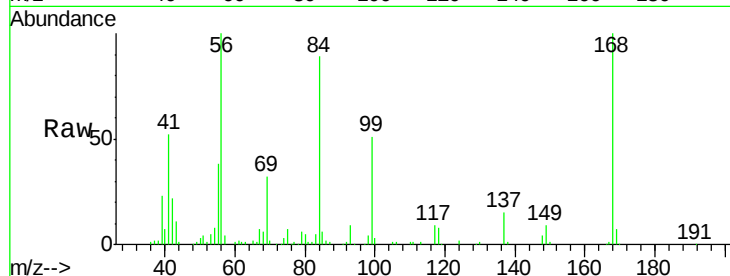
#31
Cyclohexane
Concen: 47.975 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN056298.D
Acq: 13 Jun 2019 21:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.2	25.6	38.4
84	87.9	67.4	101.0

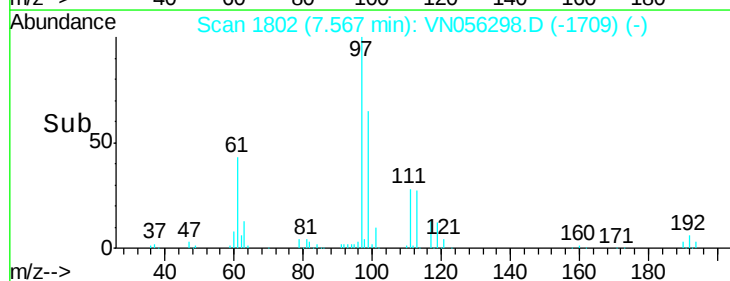
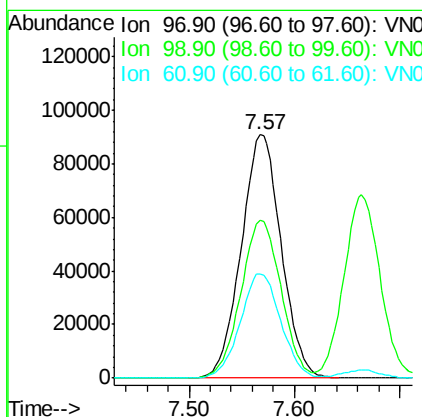
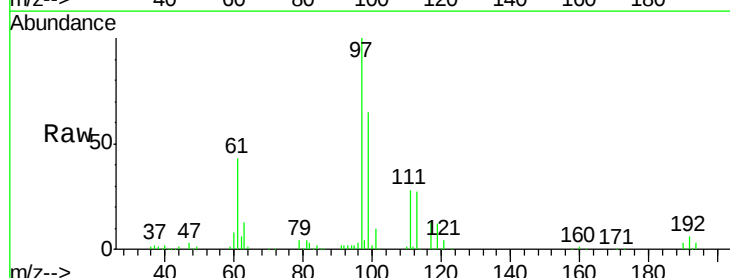
Manual Integrations
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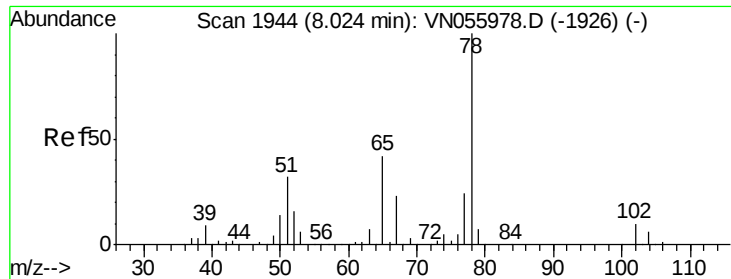
MMDadoda
6/14/2019 9:36:56 AM



#32
1,1,1-Trichloroethane
Concen: 54.509 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN056298.D
Acq: 13 Jun 2019 21:52

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.1	52.0	78.0
61	43.3	32.9	49.3





#33

1,2-Dichloroethane-d4

Concen: 54.805 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056298.D

Acq: 13 Jun 2019 21:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 180441

Ion Ratio Lower Upper

65 100

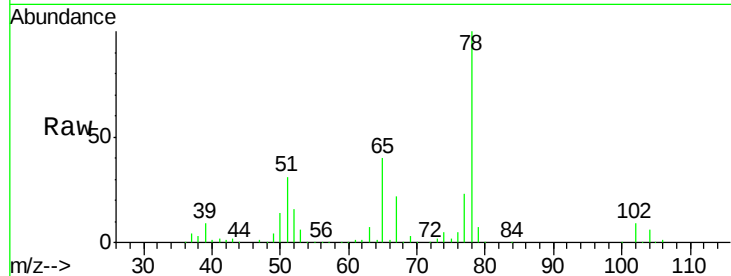
67 55.5 0.0 109.2

Manual Integrations

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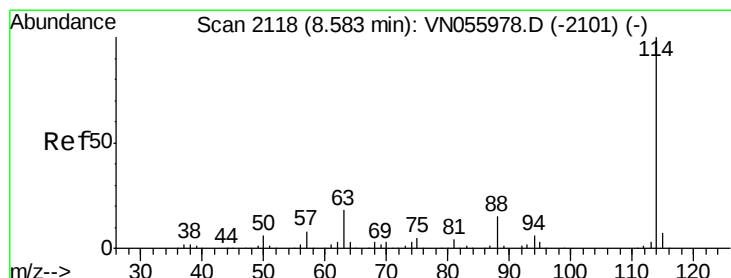
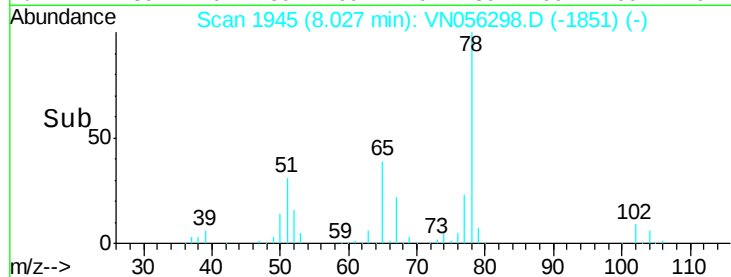
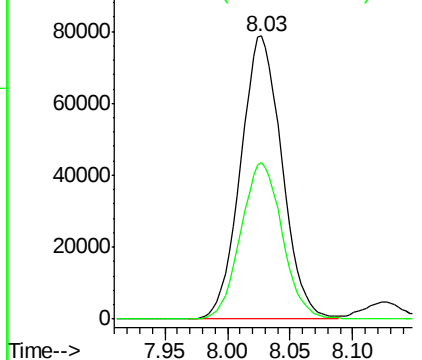
MMDadoda

6/14/2019 9:36:56 AM



Abundance Ion 64.90 (64.60 to 65.60): VN055978.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN055978.D (-1926) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN056298.D

Acq: 13 Jun 2019 21:52

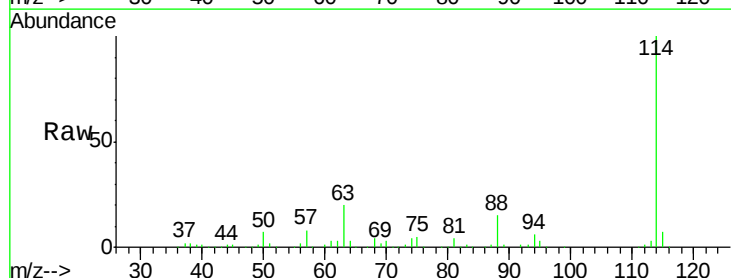
Tgt Ion: 114 Resp: 509958

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.2

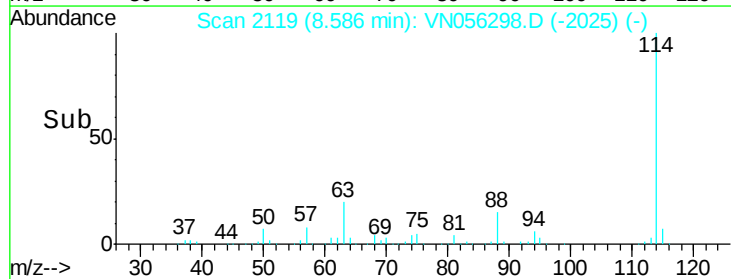
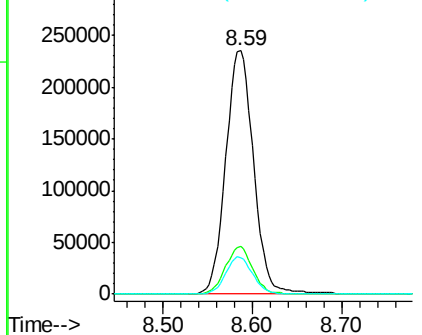
88 15.1 0.0 31.0

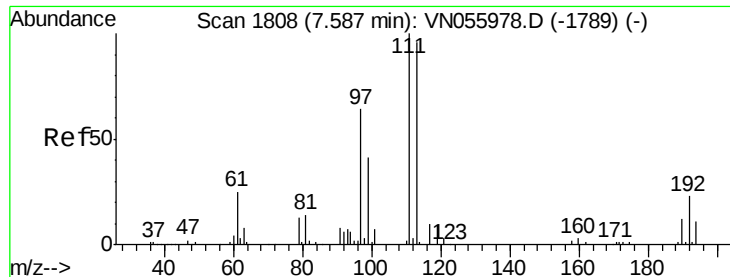


Abundance Ion 113.90 (113.60 to 114.60): VN055978.D (-2101) (-)

Ion 63.00 (62.70 to 63.70): VN055978.D (-2101) (-)

Ion 87.90 (87.60 to 88.60): VN055978.D (-2101) (-)





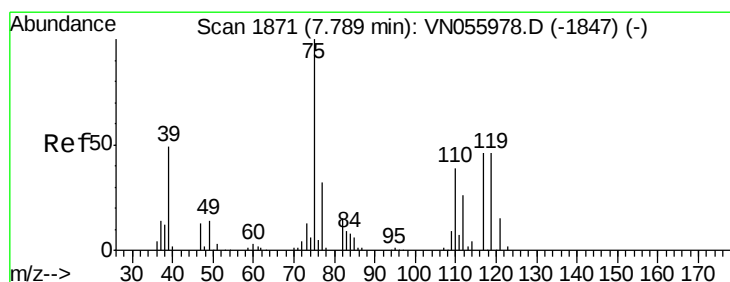
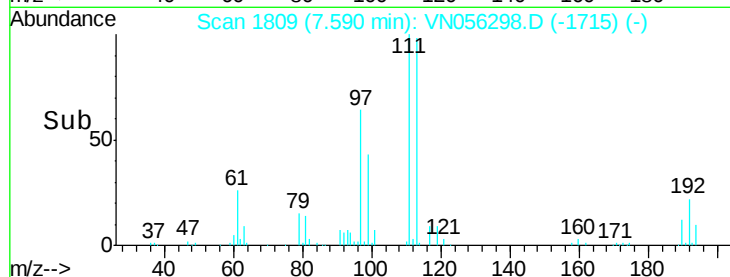
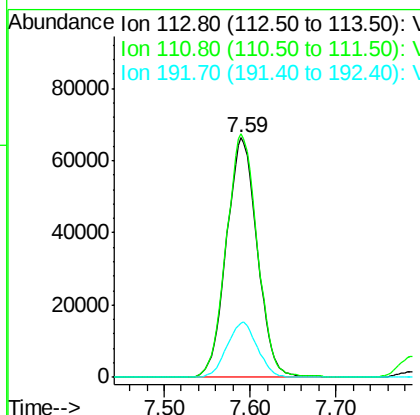
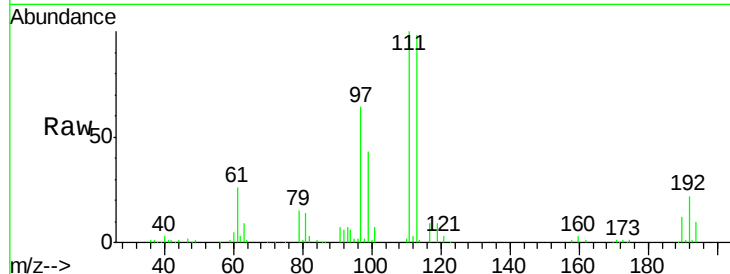
#35
 Dibromofluoromethane
 Concen: 52.722 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056298.D
 Acq: 13 Jun 2019 21:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	164956		
111	102.4	81.9	122.9	
192	22.6	19.5	29.3	

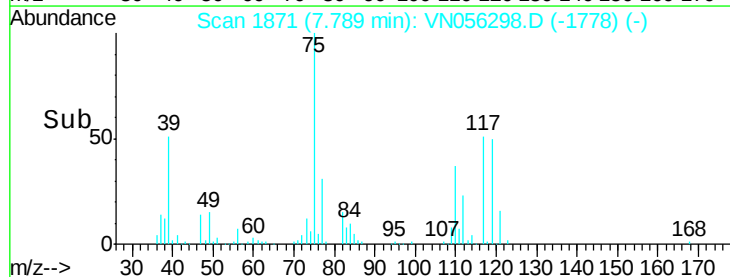
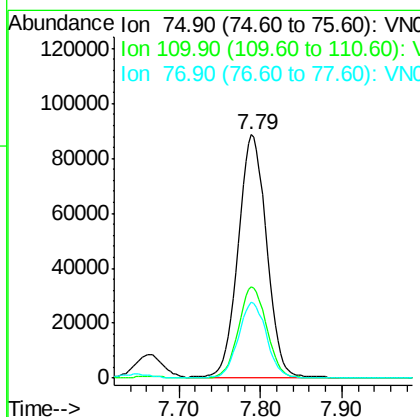
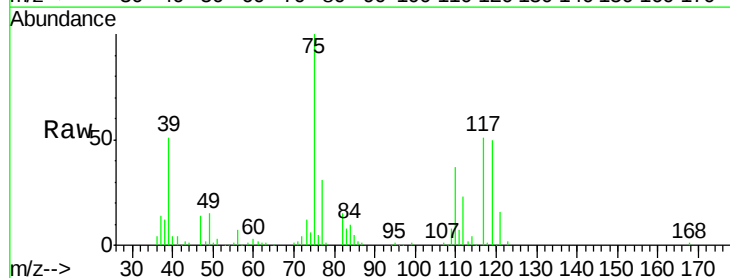
Manual Integrations
 APPROVED

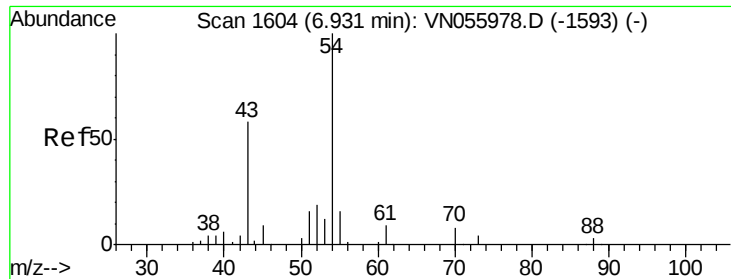
MMDadoda
 6/14/2019 9:36:56 AM



#36
 1,1-Dichloropropene
 Concen: 48.548 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. -0.00 min
 Lab File: VN056298.D
 Acq: 13 Jun 2019 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	212880		
110	37.4	19.0	57.0	
77	31.0	25.1	37.7	





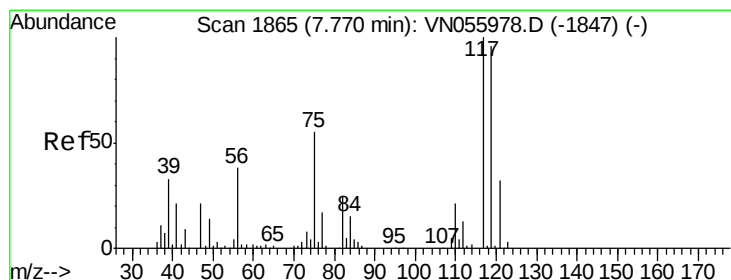
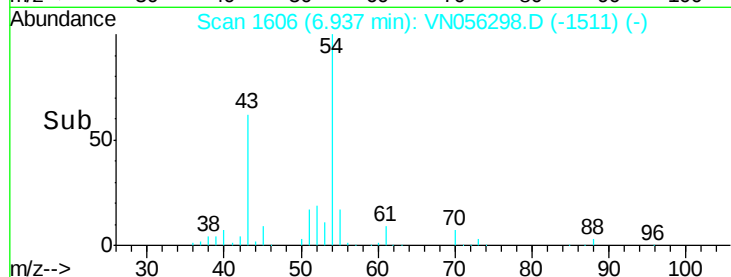
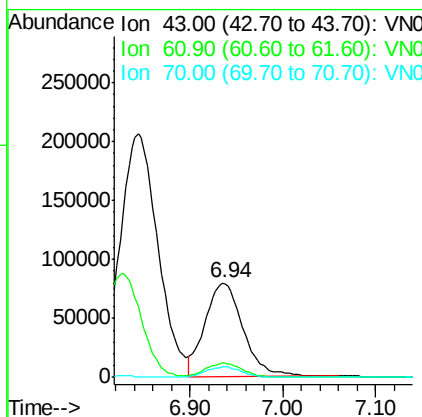
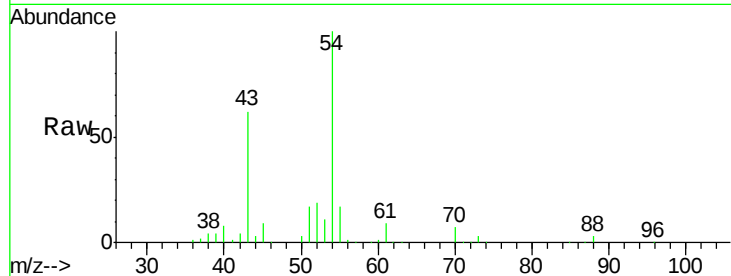
#37
Ethyl Acetate
Concen: 58.031 ug/l
RT: 6.94 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VN056298.D
Acq: 13 Jun 2019 21:52

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	12.2	18.2
70	10.5	8.9	13.3

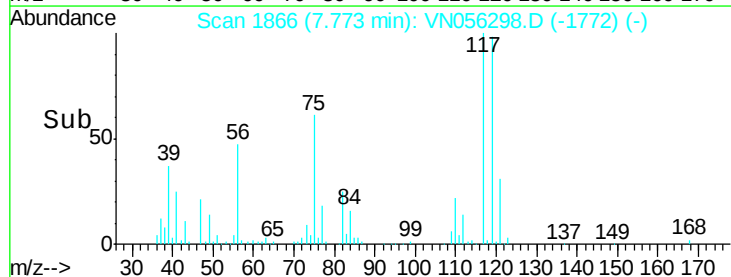
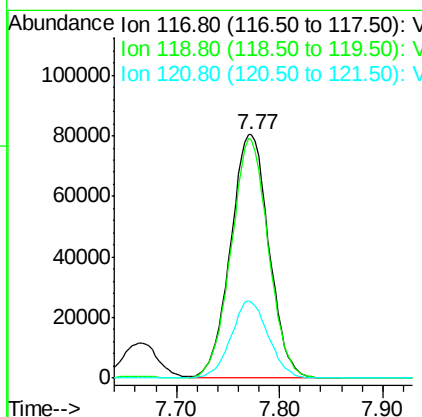
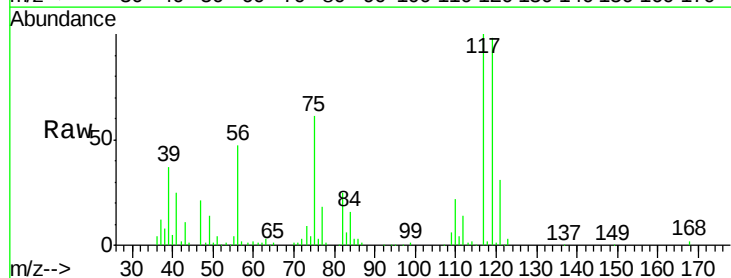
Manual Integrations
APPROVED

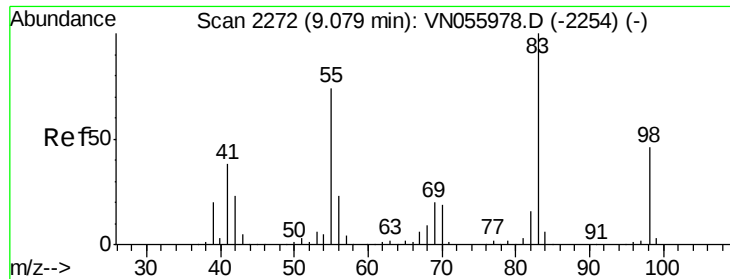
MMDadoda
6/14/2019 9:36:56 AM



#38
Carbon Tetrachloride
Concen: 51.166 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN056298.D
Acq: 13 Jun 2019 21:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.4	79.0	118.6
121	31.3	24.7	37.1





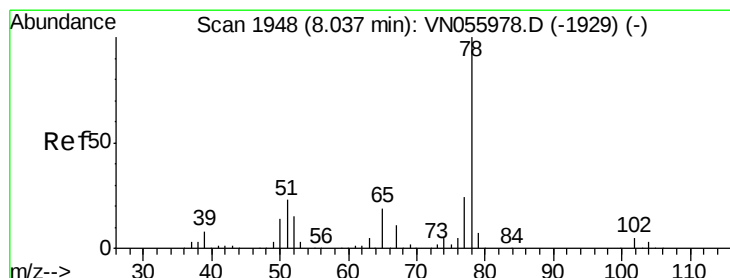
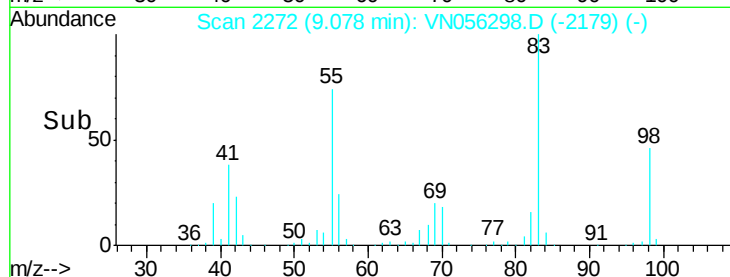
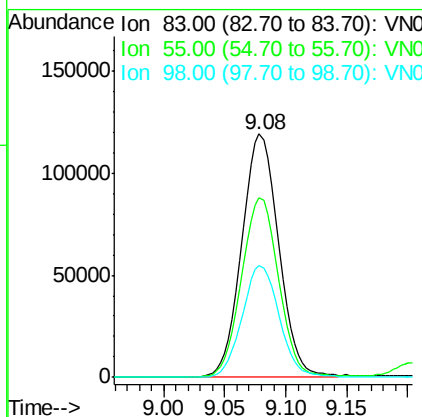
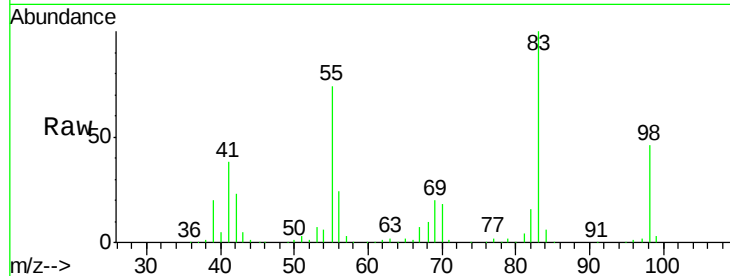
#39
Methvlcvclohexane
Concen: 45.732 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN056298.D
Acq: 13 Jun 2019 21:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	249806
Ion Ratio	100	Lower	Upper
83	100		
55	73.7	59.3	88.9
98	46.2	36.6	54.8

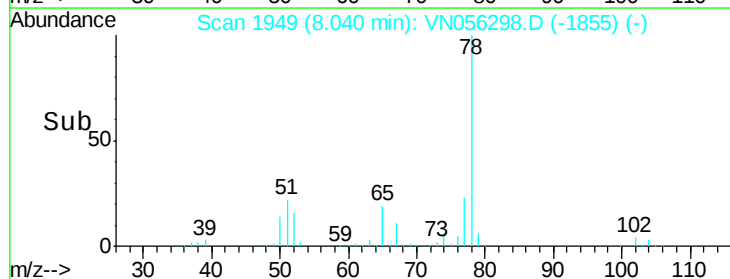
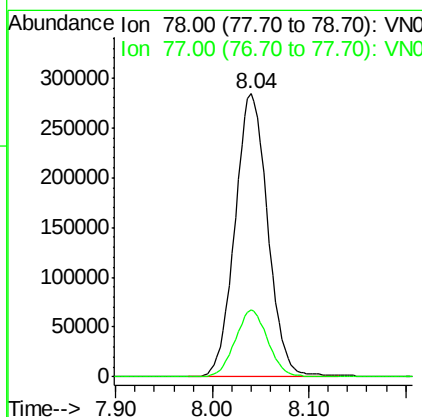
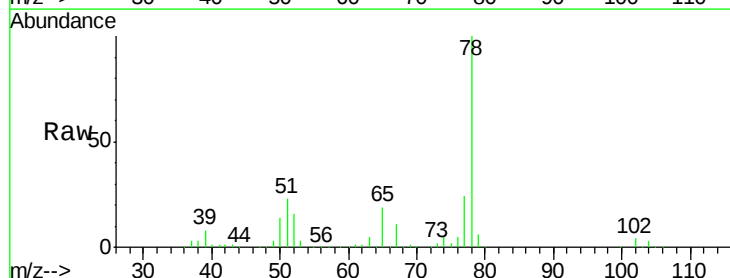
Manual Integrations
APPROVED

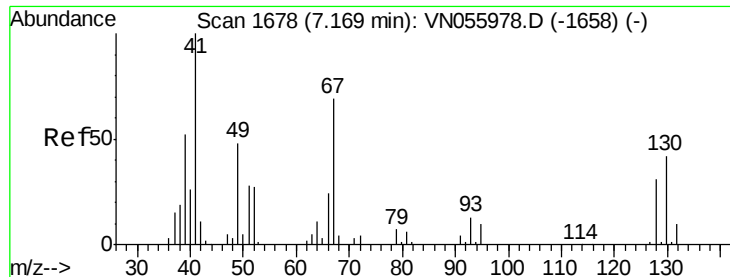
MMDadoda
6/14/2019 9:36:56 AM



#40
Benzene
Concen: 50.366 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056298.D
Acq: 13 Jun 2019 21:52

Tgt Ion	78	Resp	670781
Ion Ratio	100	Lower	Upper
78	100		
77	23.6	18.8	28.2





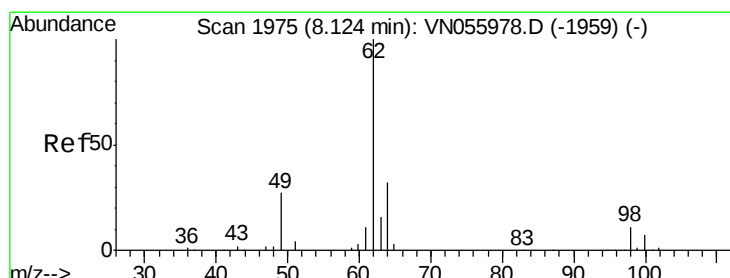
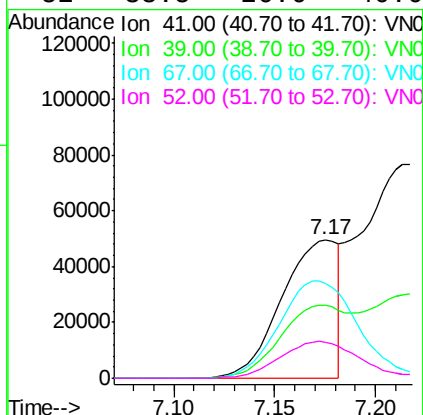
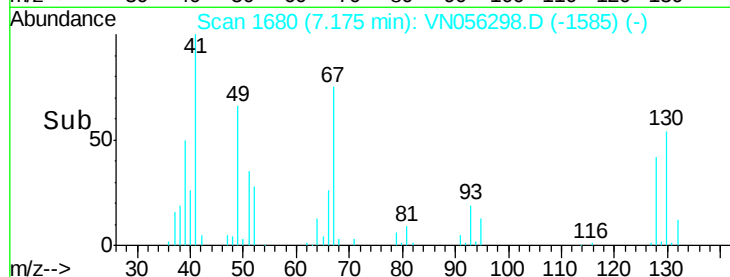
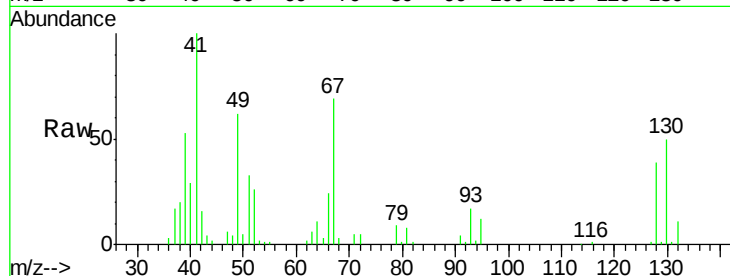
#41
Methacrylonitrile
Concen: 53.272 ug/l
RT: 7.17 min Scan# 1680
Delta R.T. 0.01 min
Lab File: VN056298.D
Acq: 13 Jun 2019 21:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	41	Resp	95628
Ion Ratio	Lower	Upper	
41	100		
39	62.7	45.6	68.4
67	99.4	67.7	101.5
52	38.5	26.6	40.0

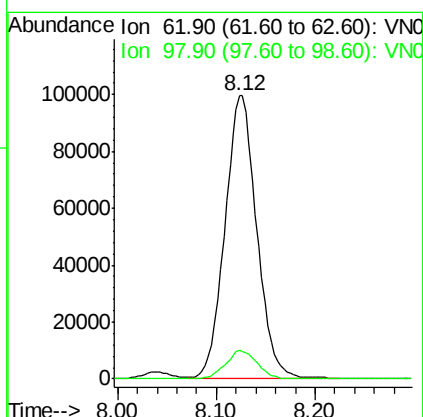
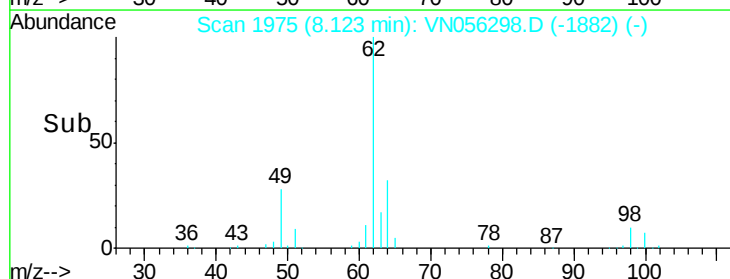
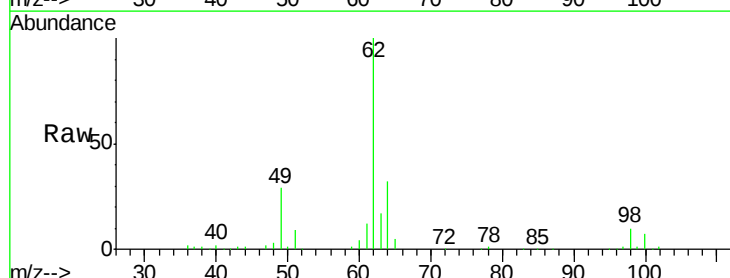
Manual Integrations
APPROVED

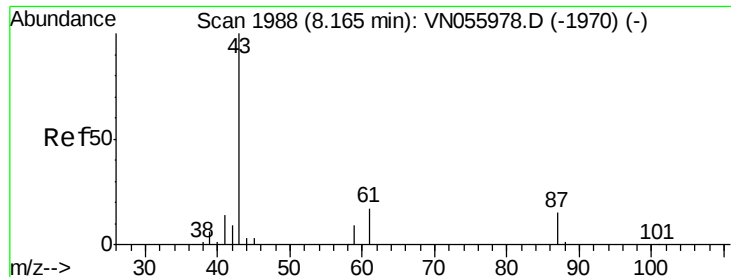
MMDadoda
6/14/2019 9:36:56 AM



#42
1,2-Dichloroethane
Concen: 52.133 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN056298.D
Acq: 13 Jun 2019 21:52

Tgt Ion	62	Resp	223334
Ion Ratio	Lower	Upper	
62	100		
98	9.9	0.0	20.2





#43

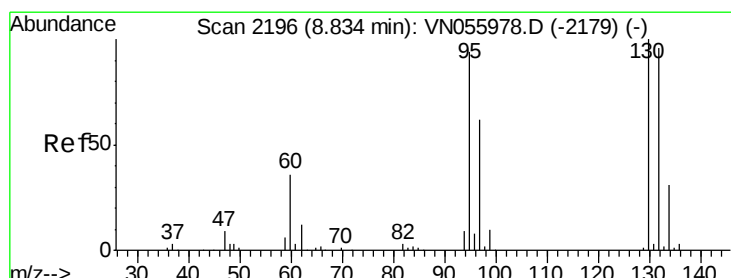
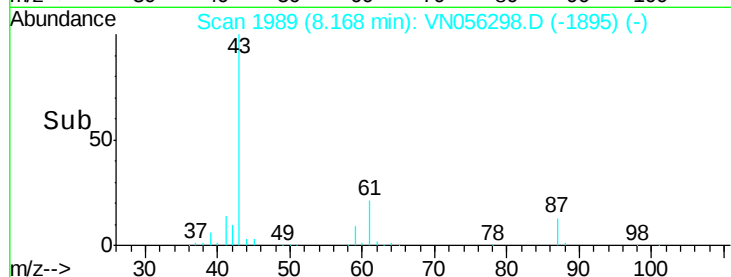
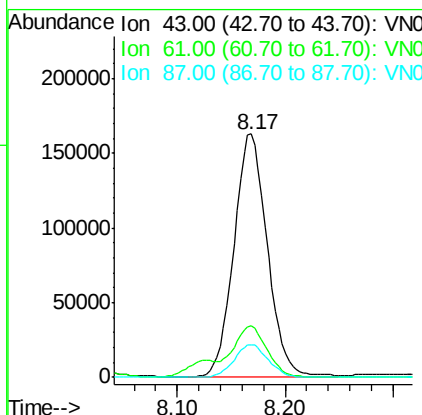
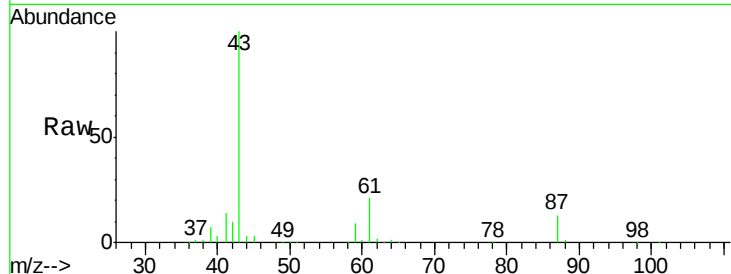
Isopropyl Acetate
 Concen: 55.489 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN056298.D
 Acq: 13 Jun 2019 21:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.9	22.2	33.4#
87	13.9	11.4	17.2

Manual Integrations
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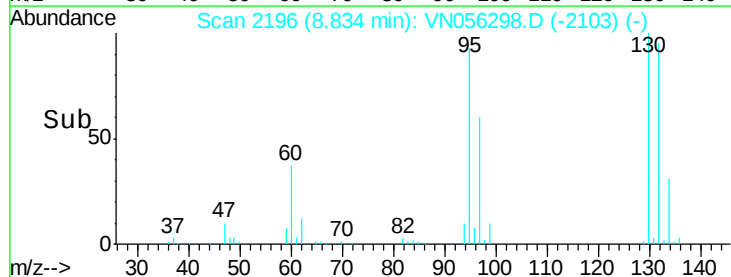
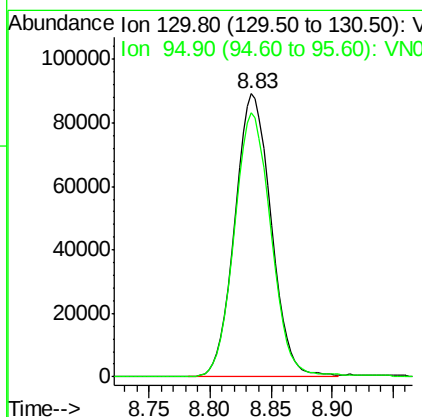
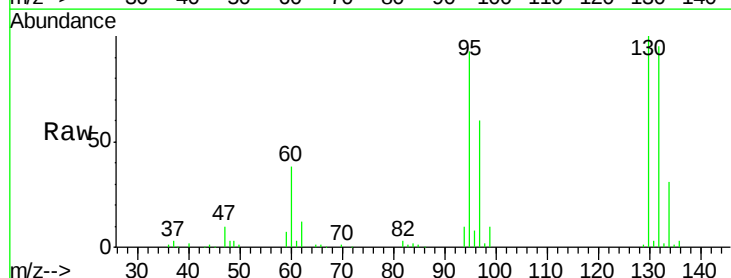
MMDadoda
 6/14/2019 9:36:56 AM

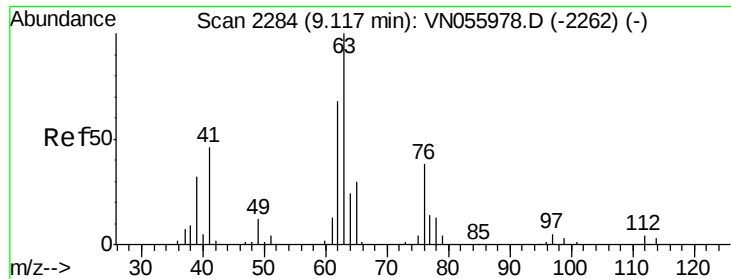


#44

Trichloroethene
 Concen: 48.017 ug/l
 RT: 8.83 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: VN056298.D
 Acq: 13 Jun 2019 21:52

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.3	0.0	188.0





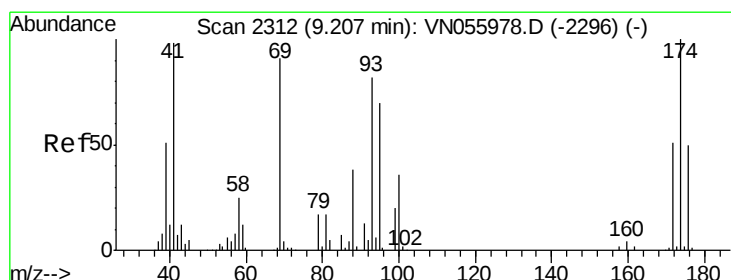
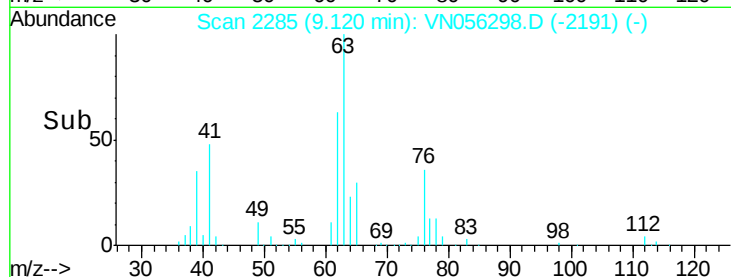
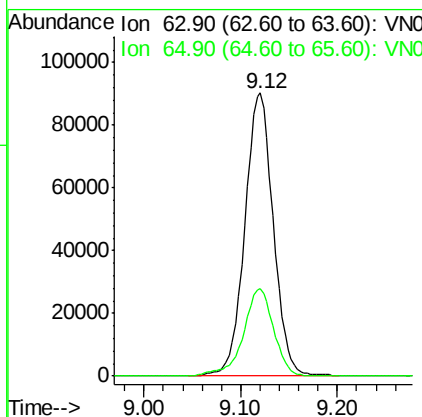
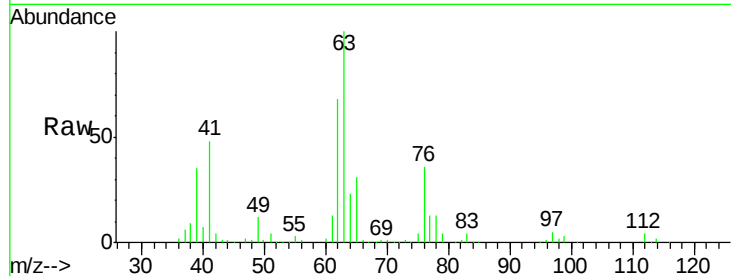
#45
 1,2-Dichloropropane
 Concen: 54.230 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN056298.D
 Acq: 13 Jun 2019 21:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.8	24.6	36.8

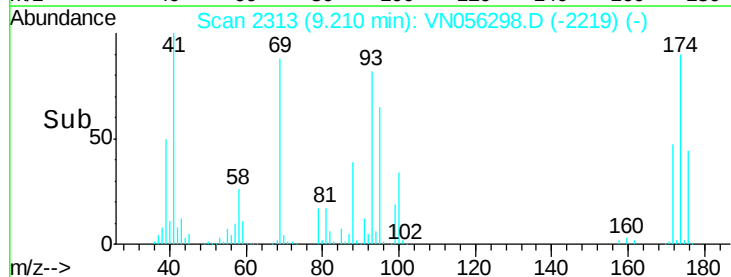
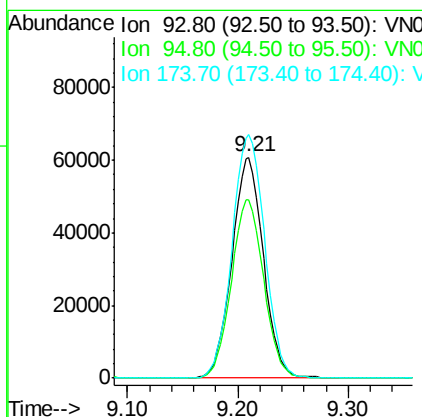
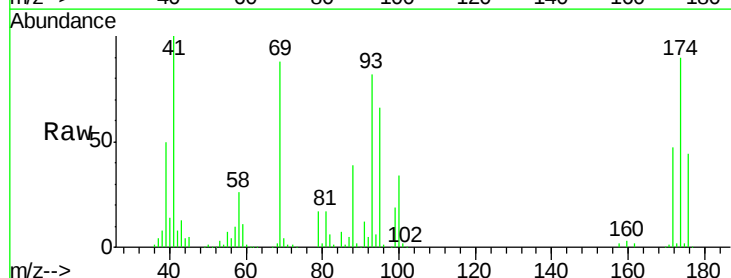
Manual Integrations
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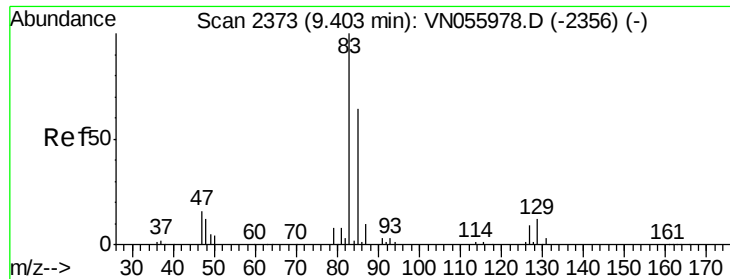
MMDadoda
 6/14/2019 9:36:56 AM



#46
 Dibromomethane
 Concen: 53.997 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN056298.D
 Acq: 13 Jun 2019 21:52

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.9	66.7	100.1
174	114.3	96.4	144.6





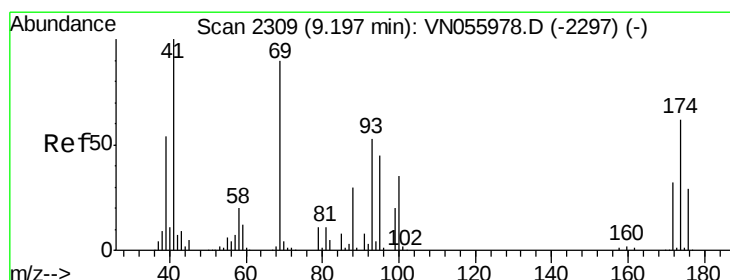
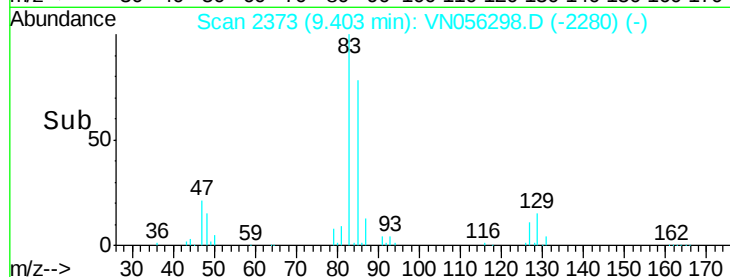
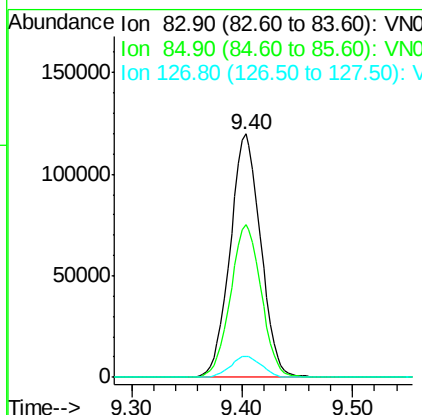
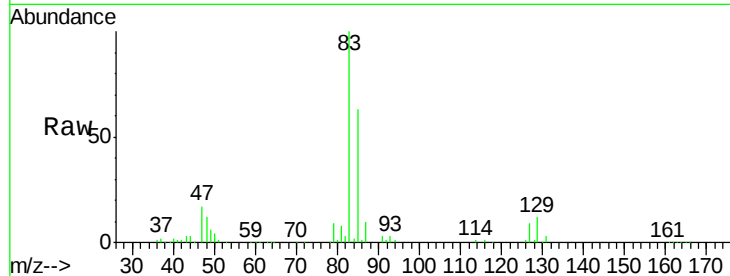
#47
Bromodichloromethane
Concen: 57.003 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN056298.D
Acq: 13 Jun 2019 21:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	230465
Ion Ratio	100	Lower	Upper
83	100		
85	62.6	52.2	78.2
127	8.6	7.4	11.0

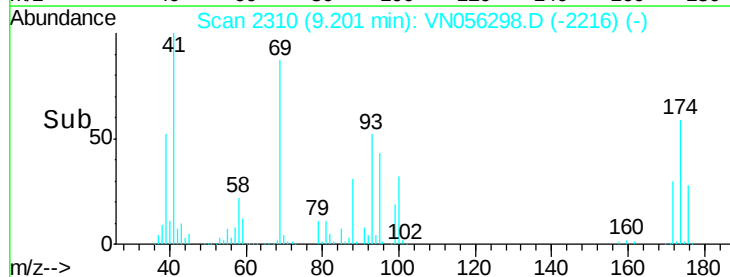
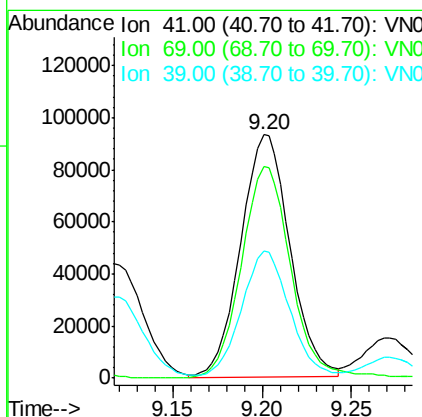
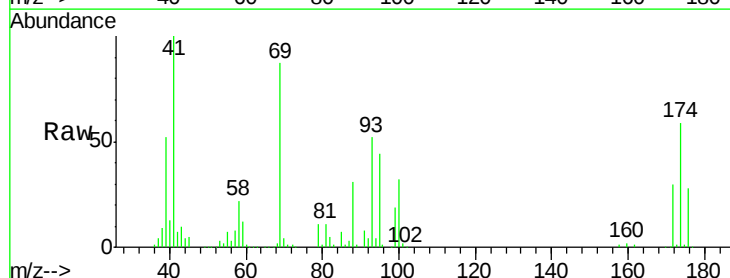
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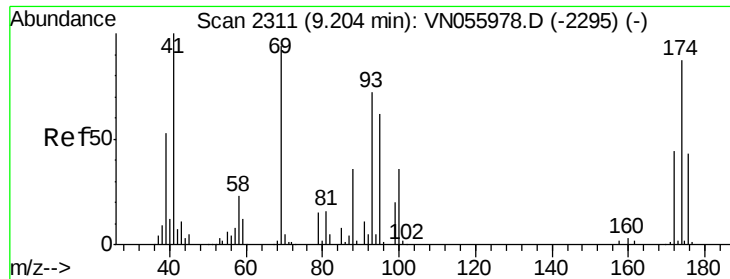
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#48
Methyl methacrylate
Concen: 58.140 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN056298.D
Acq: 13 Jun 2019 21:52

Tgt Ion	41	Resp	179828
Ion Ratio	100	Lower	Upper
41	100		
69	87.3	71.0	106.6
39	51.2	44.2	66.2





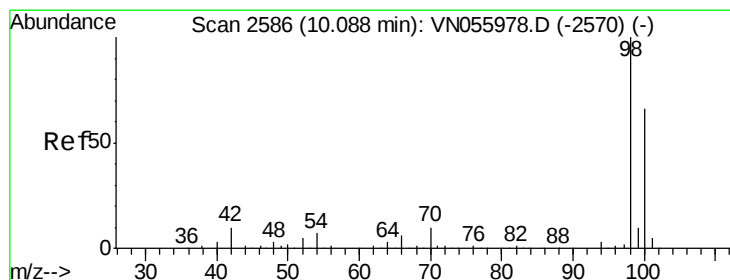
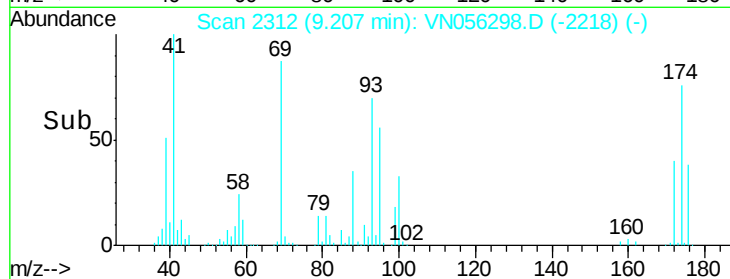
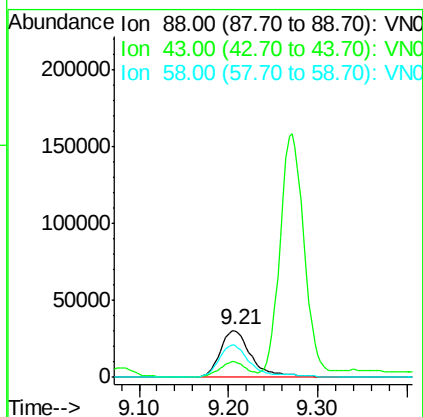
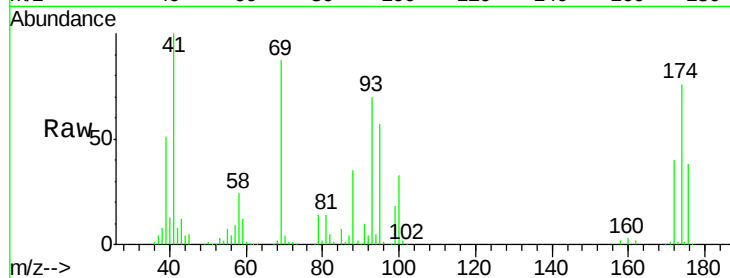
#49
1,4-Dioxane
Concen: 1115.294 ug/l
RT: 9.21 min Scan# 2312
Delta R.T. 0.00 min
Lab File: VN056298.D
Acq: 13 Jun 2019 21:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	74474
Ion	Ratio	Lower	Upper
88	100		
43	27.1	20.5	30.7
58	66.1	55.8	83.6

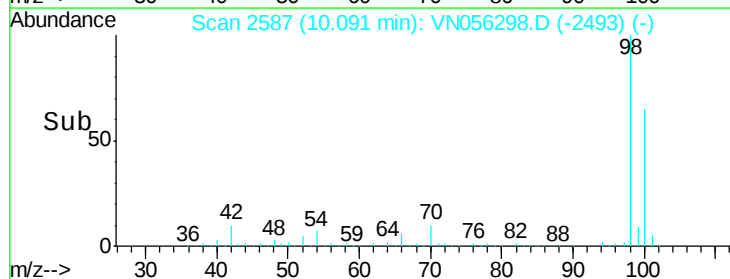
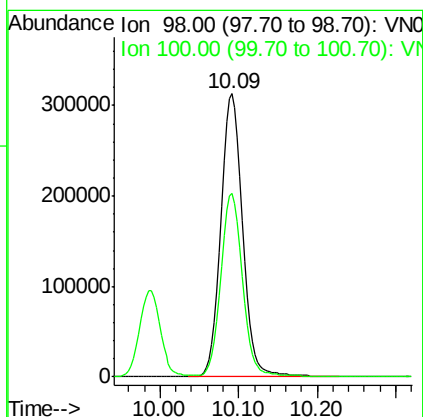
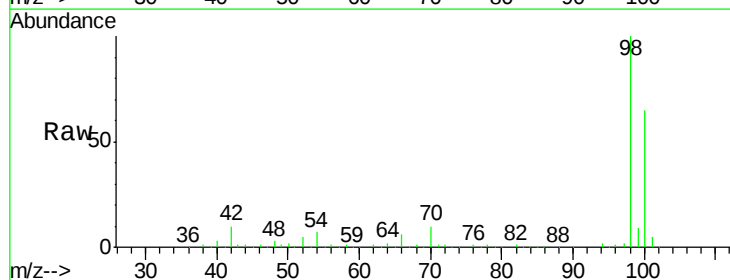
Manual Integrations
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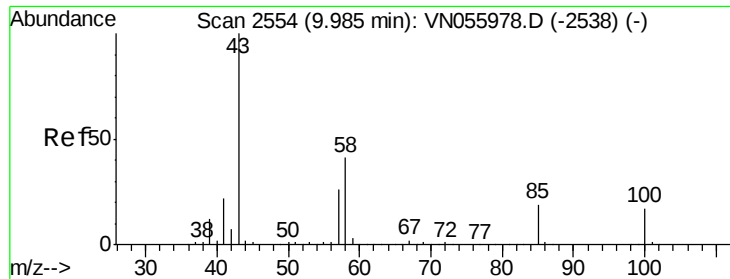
MMDadoda
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#50
Toluene-d8
Concen: 49.783 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN056298.D
Acq: 13 Jun 2019 21:52

Tgt Ion	98	Resp	599365
Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.9	77.9





#51

4-Methyl-2-Pentanone

Concen: 291.503 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN056298.D

Acq: 13 Jun 2019 21:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1152499

Ion Ratio Lower Upper

43 100

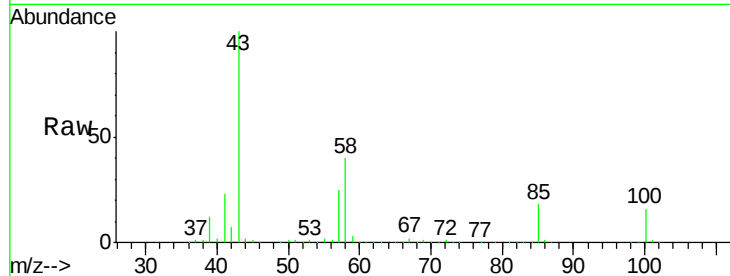
58 39.9 32.1 48.1

Manual Integrations

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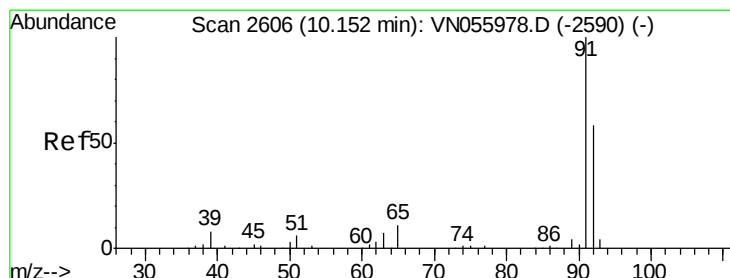
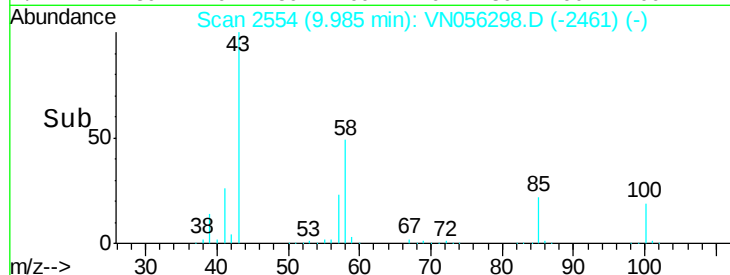
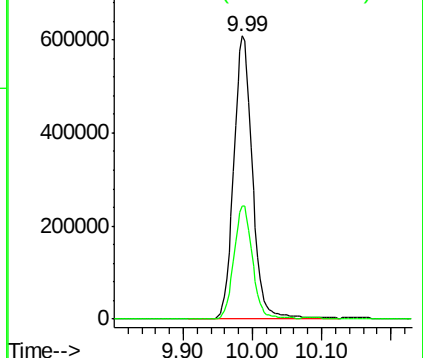
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 50.630 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056298.D

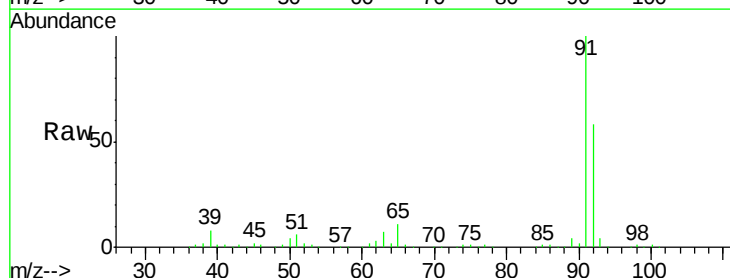
Acq: 13 Jun 2019 21:52

Tgt Ion: 92 Resp: 419587

Ion Ratio Lower Upper

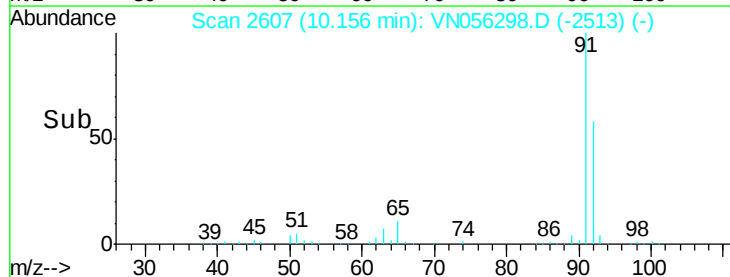
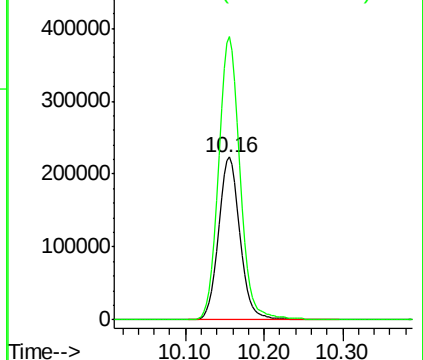
92 100

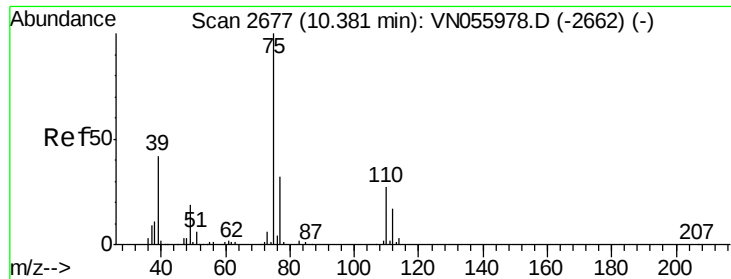
91 173.9 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





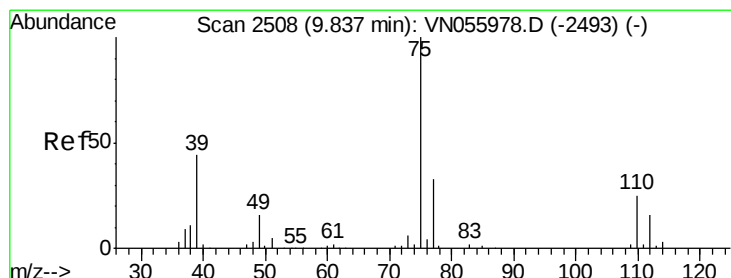
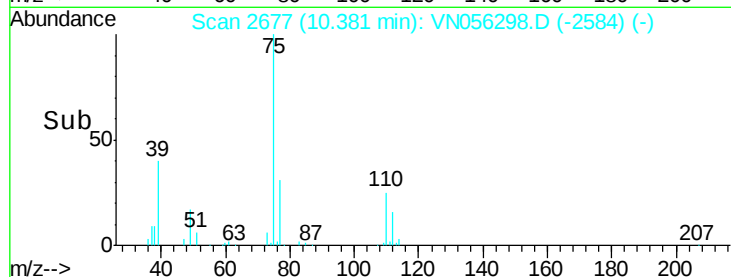
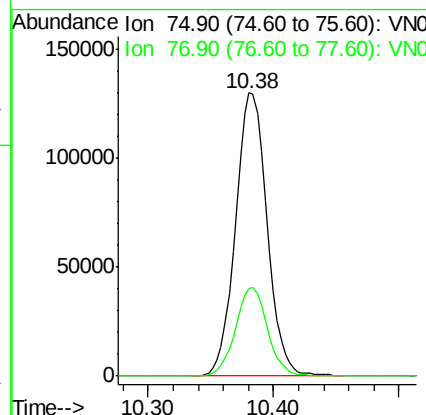
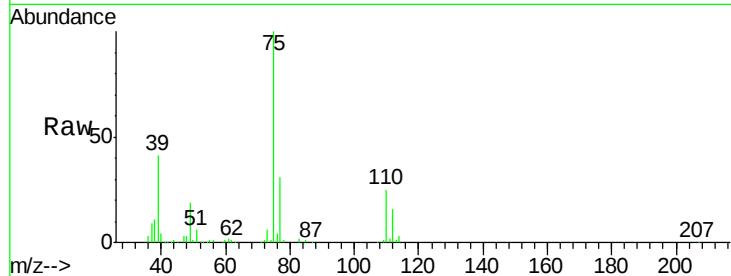
#53
 t-1,3-Dichloropropene
 Concen: 48.220 ug/l
 RT: 10.38 min Scan# 2677
 Delta R.T. 0.00 min
 Lab File: VN056298.D
 Acq: 13 Jun 2019 21:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.8	25.8	38.6

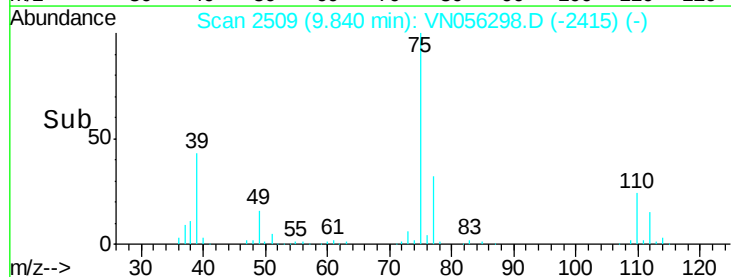
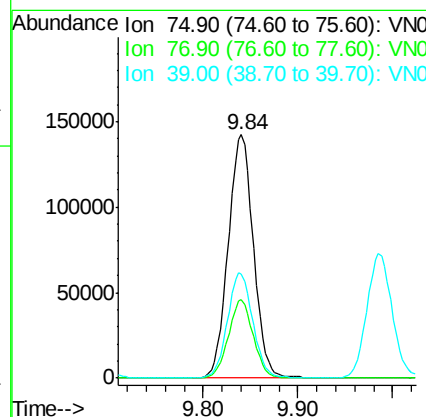
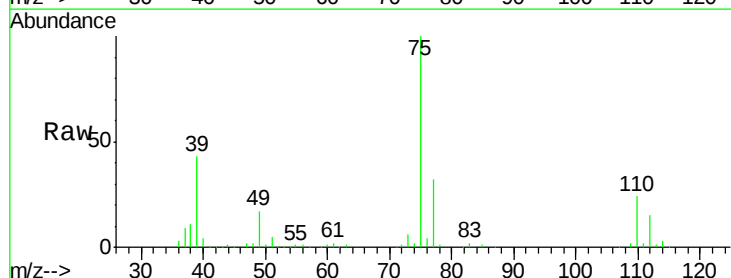
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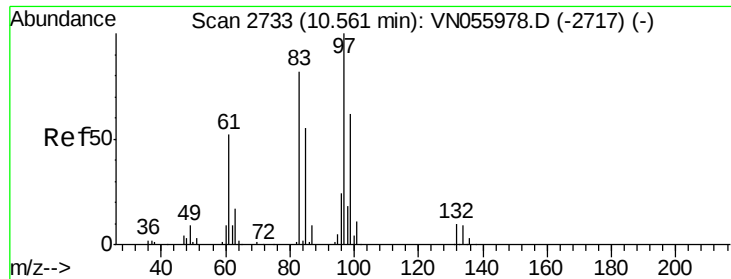
MMDadoda
 6/14/2019 9:36:56 AM



#54
 cis-1,3-Dichloropropene
 Concen: 54.327 ug/l
 RT: 9.84 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN056298.D
 Acq: 13 Jun 2019 21:52

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.4	38.0
39	43.0	36.3	54.5





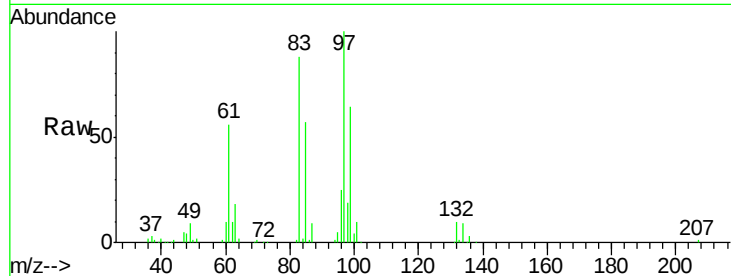
#55
 1,1,2-Trichloroethane
 Concen: 54.248 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN056298.D
 Acq: 13 Jun 2019 21:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

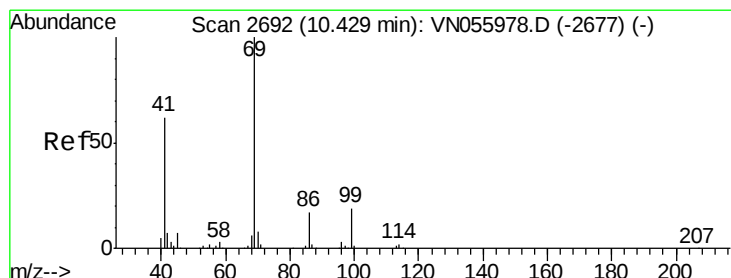
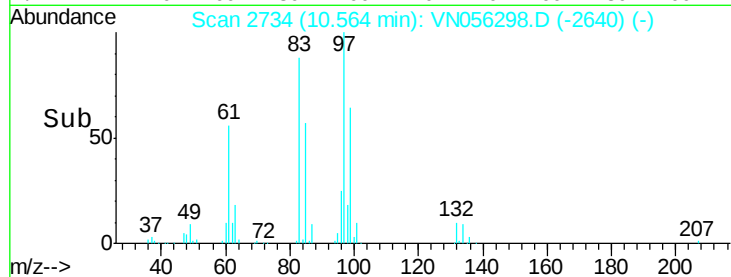
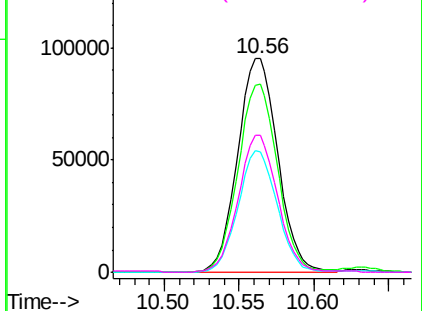
Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		178081		
83	88.0	67.0	100.6		
85	56.6	44.0	66.0		
99	63.7	50.6	75.8		

Manual Integrations
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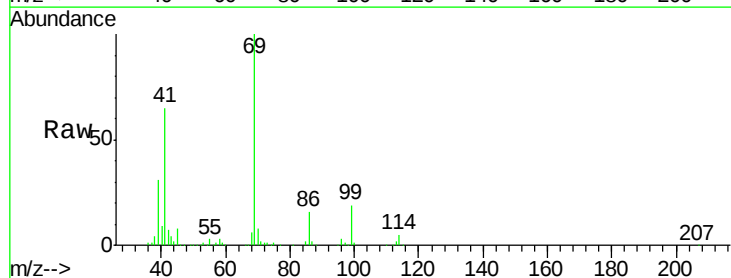


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

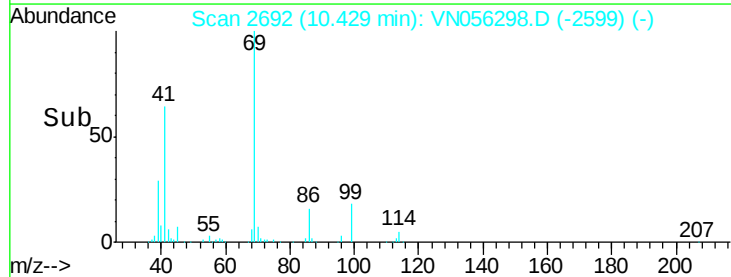
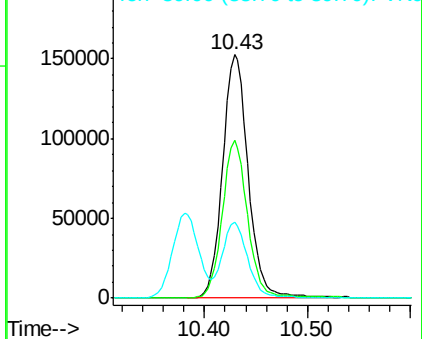


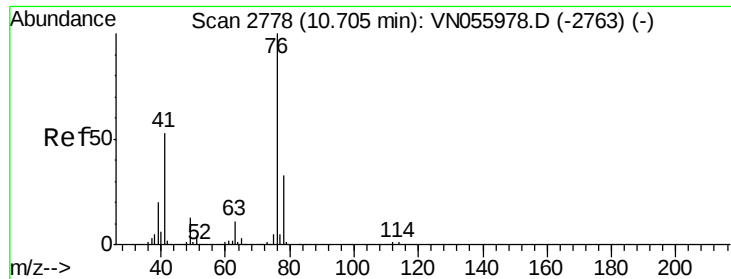
#56
 Ethyl methacrylate
 Concen: 55.314 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN056298.D
 Acq: 13 Jun 2019 21:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		264908		
41	62.7	49.7	74.5		
39	30.6	24.7	37.1		



Abundance Ion 69.00 (68.70 to 69.70): VNO
 Ion 41.00 (40.70 to 41.70): VNO
 Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 54.988 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN056298.D

Acq: 13 Jun 2019 21:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 293445

Ion Ratio Lower Upper

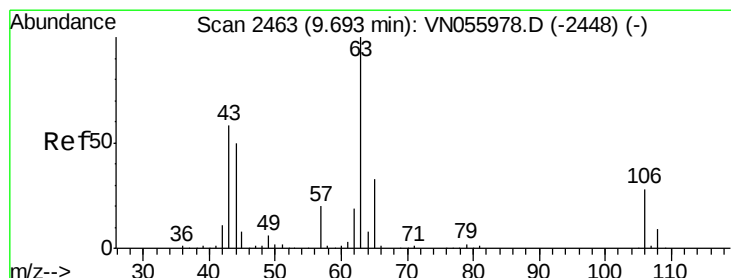
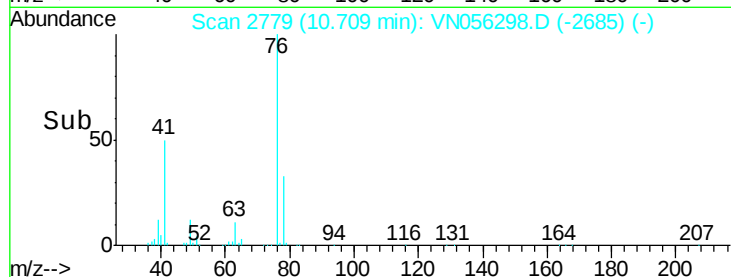
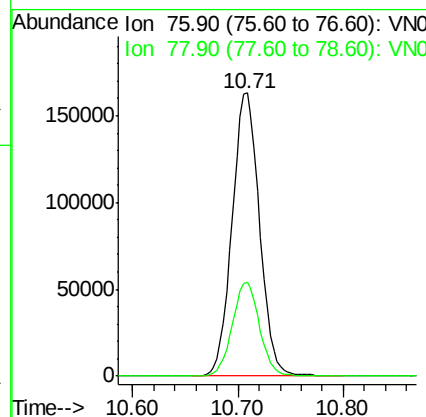
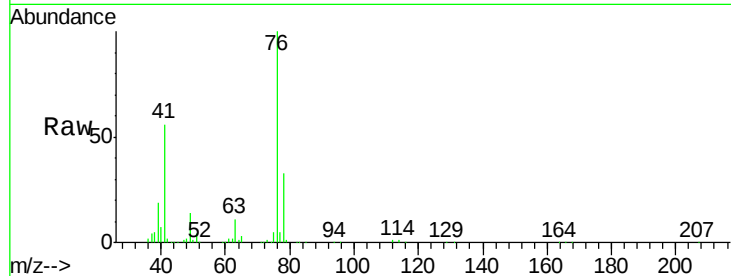
76 100

78 33.0 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 224.302 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN056298.D

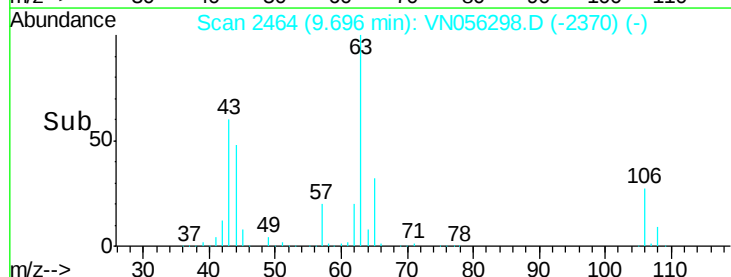
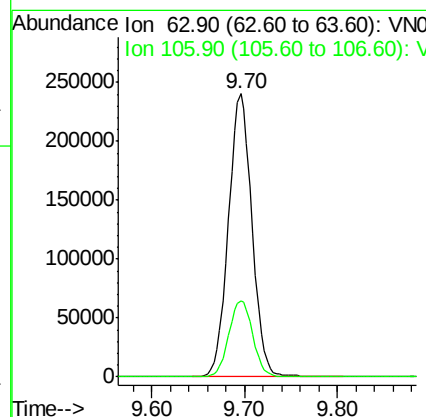
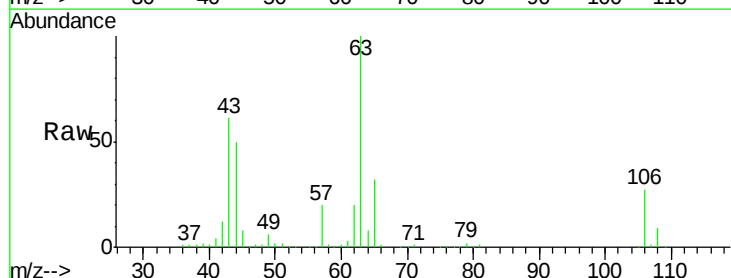
Acq: 13 Jun 2019 21:52

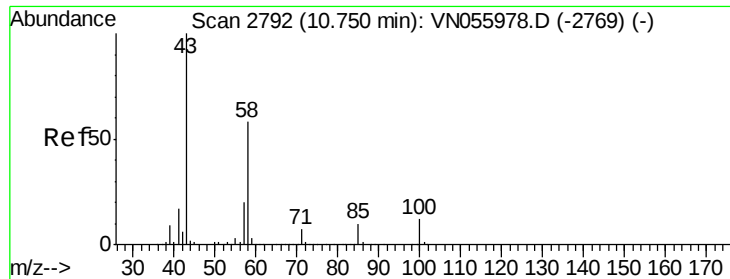
Tgt Ion: 63 Resp: 422823

Ion Ratio Lower Upper

63 100

106 27.4 22.7 34.1





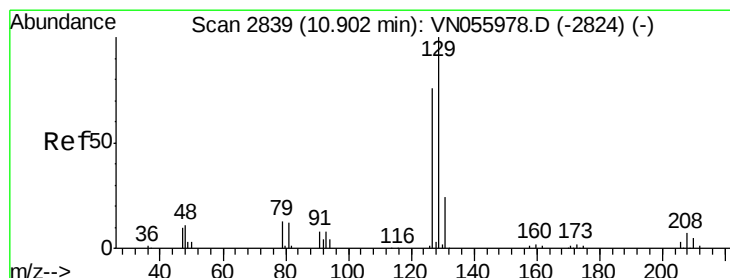
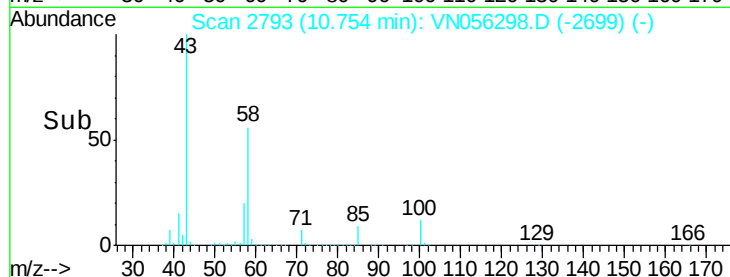
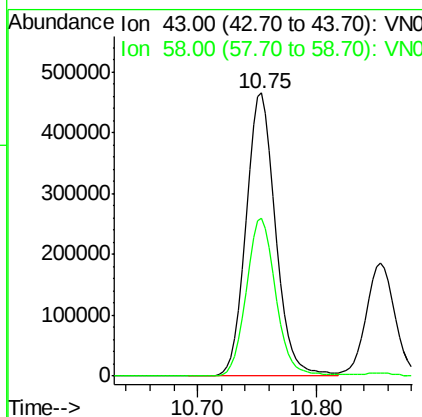
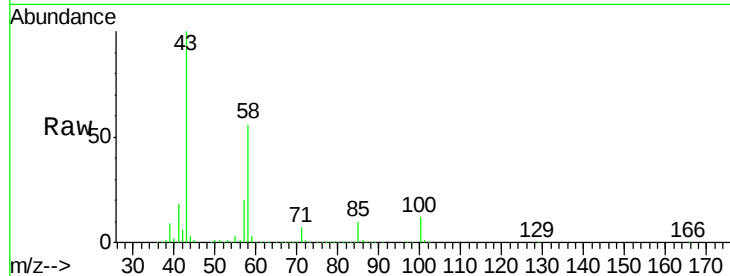
#59
2-Hexanone
Concen: 278.531 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN056298.D
Acq: 13 Jun 2019 21:52

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion: 43 Resp: 798135
Ion Ratio Lower Upper
43 100
58 56.1 28.2 84.7

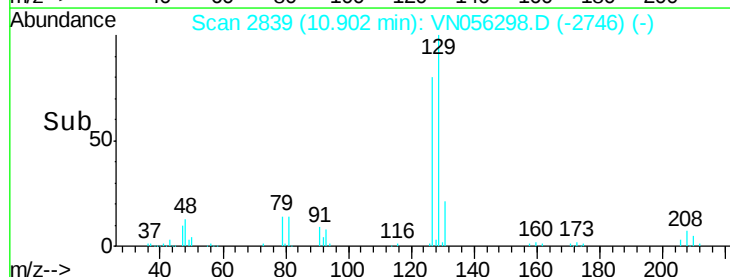
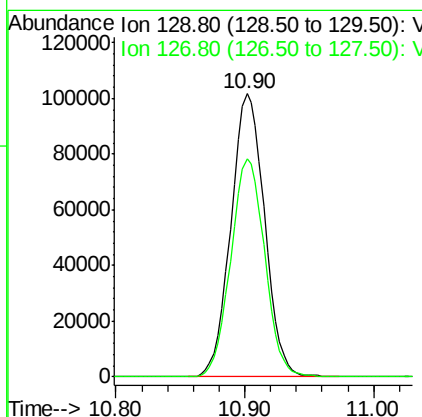
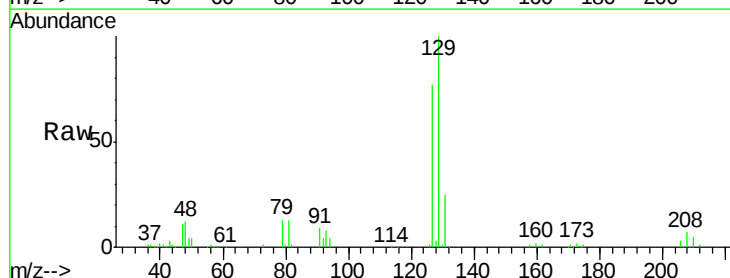
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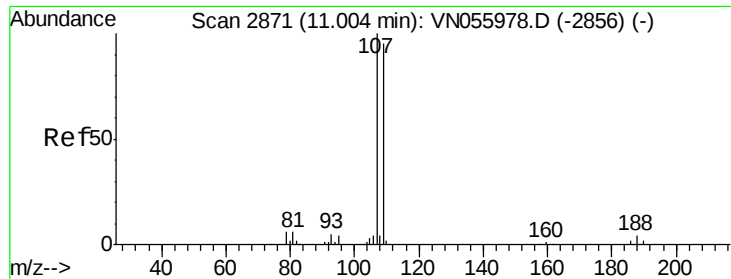
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#60
Dibromochloromethane
Concen: 50.889 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056298.D
Acq: 13 Jun 2019 21:52

Tgt Ion: 129 Resp: 184413
Ion Ratio Lower Upper
129 100
127 77.6 38.1 114.3





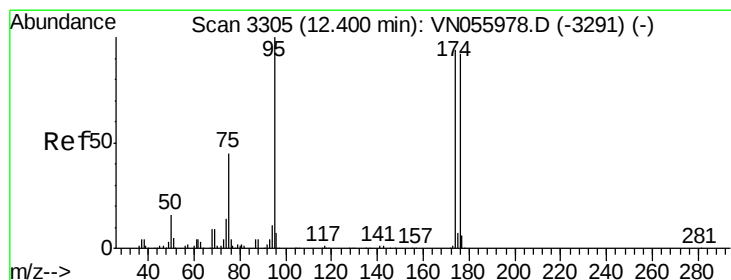
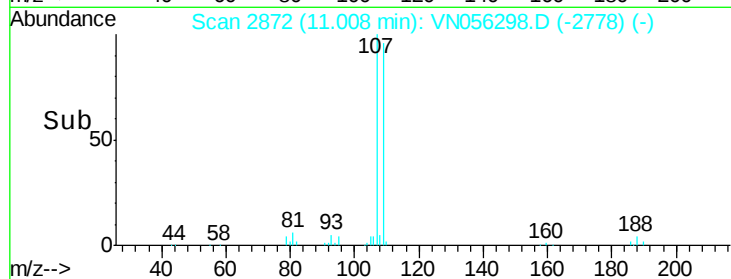
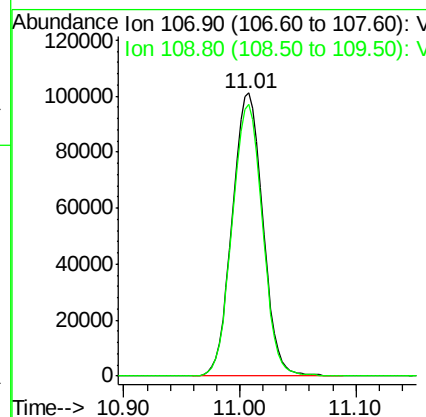
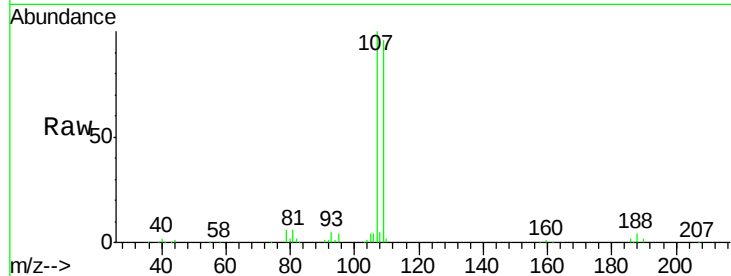
#61
 1,2-Dibromoethane
 Concen: 54.813 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN056298.D
 Acq: 13 Jun 2019 21:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.5	74.8	112.2

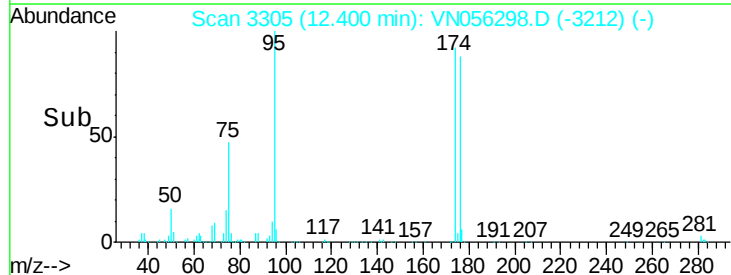
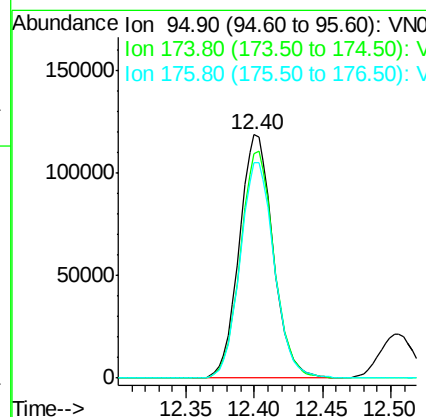
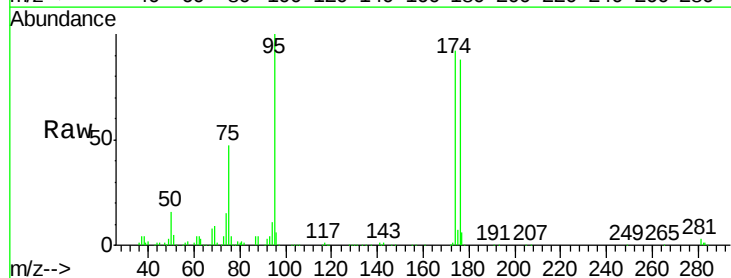
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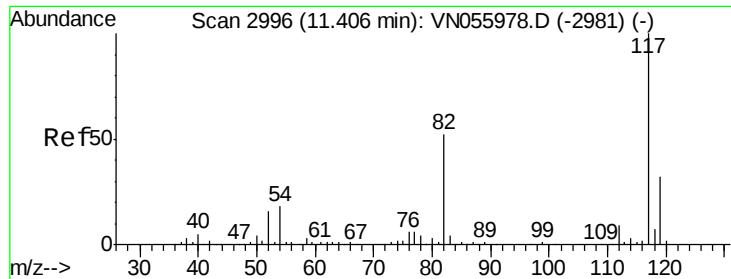
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 6/14/2019 9:36:56 AM



#62
 4-Bromofluorobenzene
 Concen: 49.900 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN056298.D
 Acq: 13 Jun 2019 21:52

Tgt Ion	Ratio	Lower	Upper
95	100		
174	92.8	0.0	191.0
176	89.3	0.0	185.2





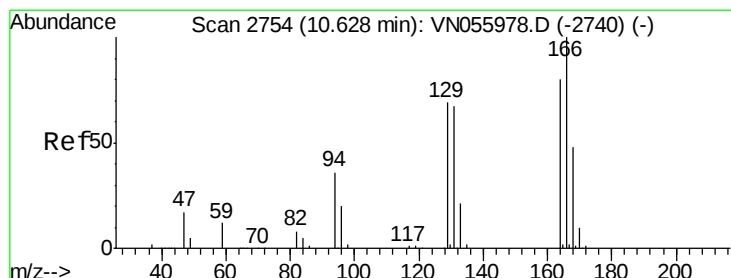
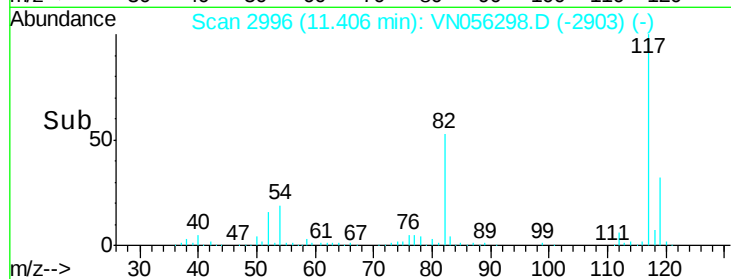
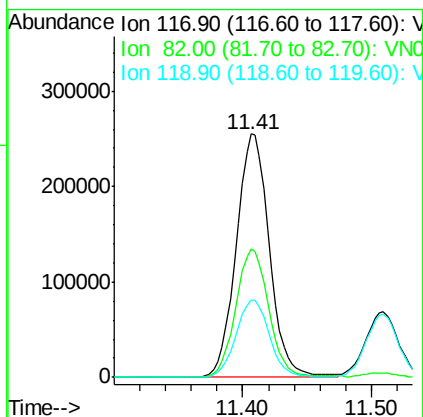
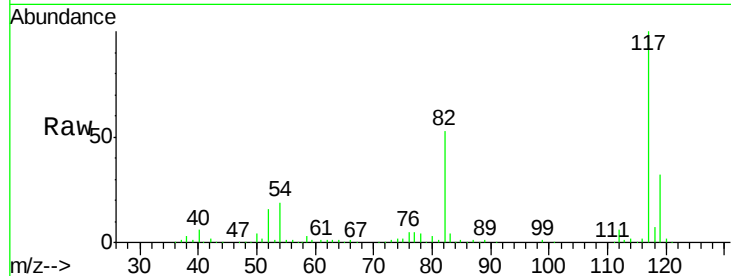
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056298.D
Acq: 13 Jun 2019 21:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.9	41.8	62.8
119	31.9	25.4	38.0

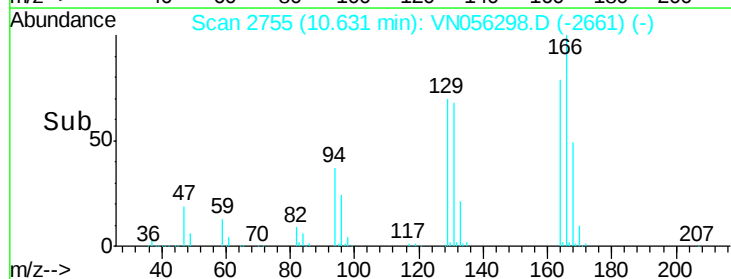
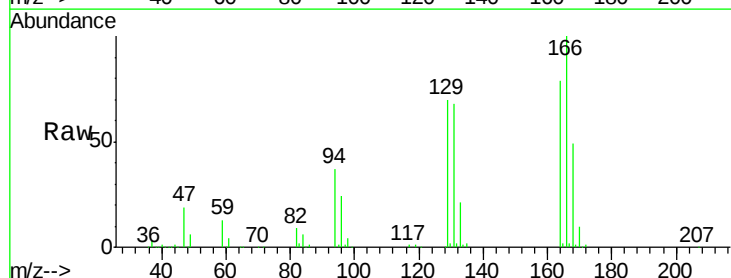
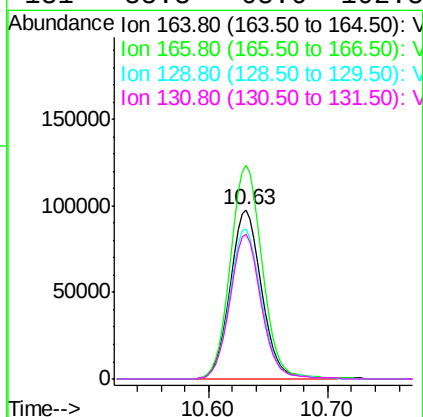
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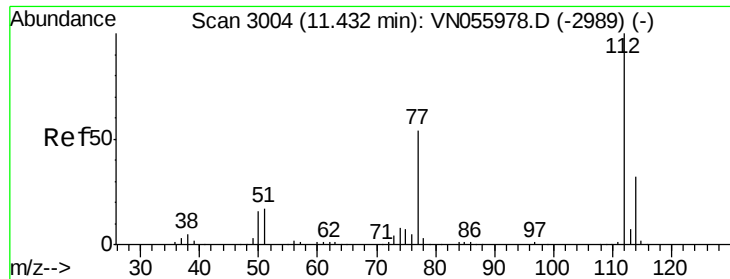
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#64
Tetrachloroethene
Concen: 45.638 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN056298.D
Acq: 13 Jun 2019 21:52

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.3	103.0	154.6
129	88.4	70.6	105.8
131	85.3	68.6	102.8





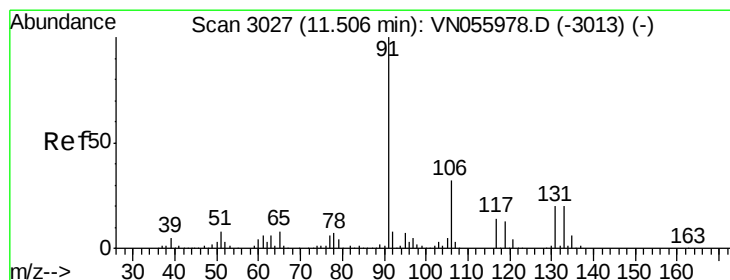
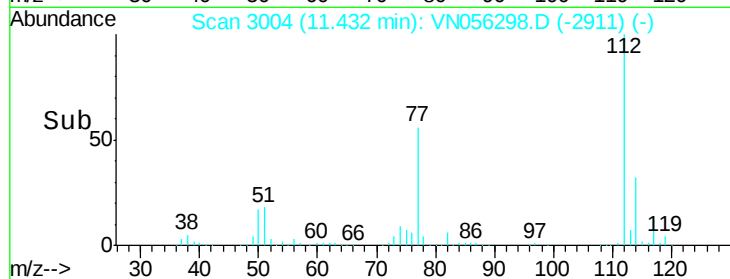
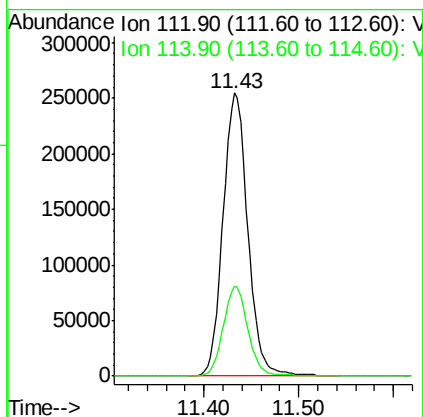
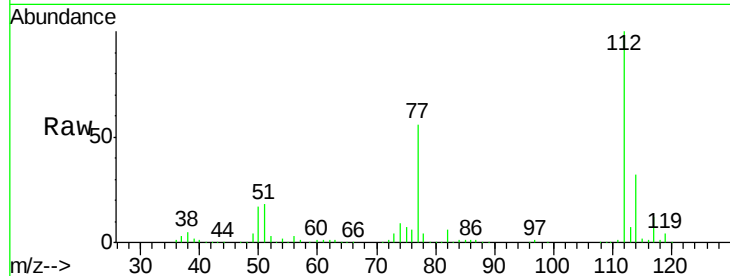
#65
Chlorobenzene
Concen: 51.072 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN056298.D
Acq: 13 Jun 2019 21:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 463091
Ion Ratio Lower Upper
112 100
114 31.9 26.2 39.4

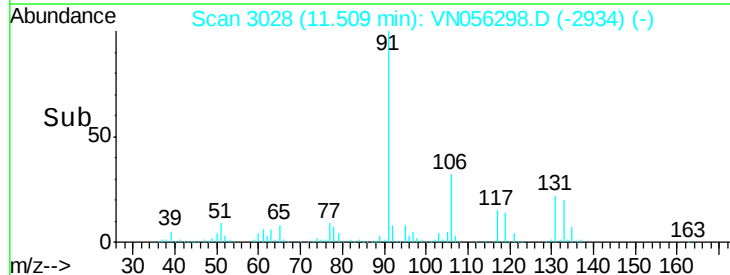
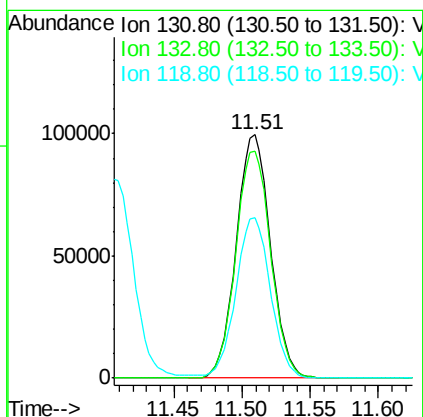
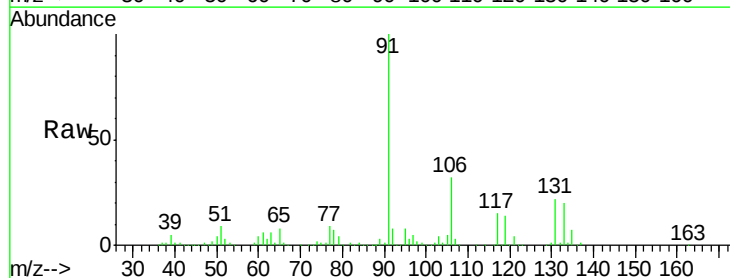
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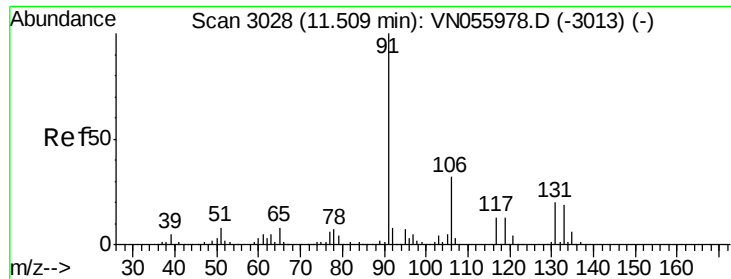
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#66
1,1,1,2-Tetrachloroethane
Concen: 55.603 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056298.D
Acq: 13 Jun 2019 21:52

Tgt Ion:131 Resp: 174083
Ion Ratio Lower Upper
131 100
133 95.3 48.0 144.0
119 66.6 33.1 99.5





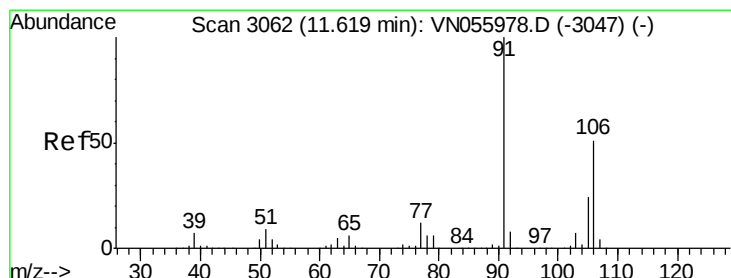
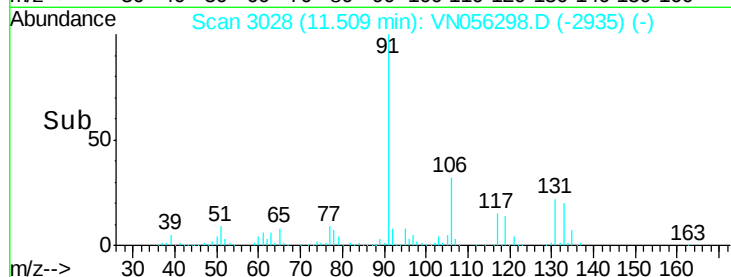
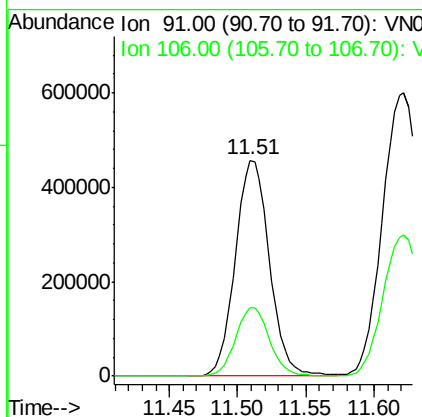
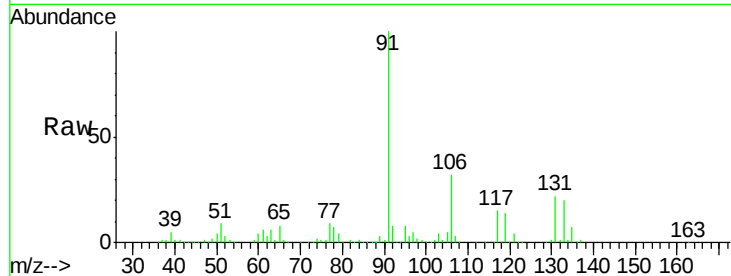
#67
Ethyl Benzene
Concen: 50.503 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN056298.D
Acq: 13 Jun 2019 21:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 796264
Ion Ratio Lower Upper
91 100
106 31.9 25.1 37.7

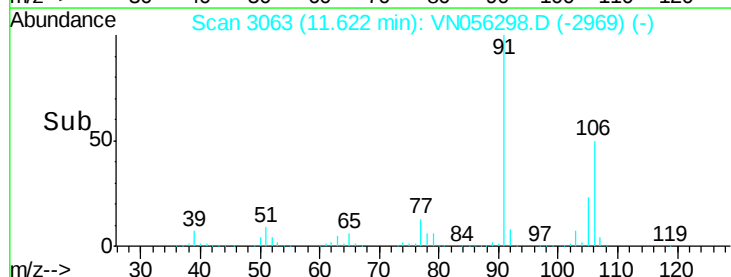
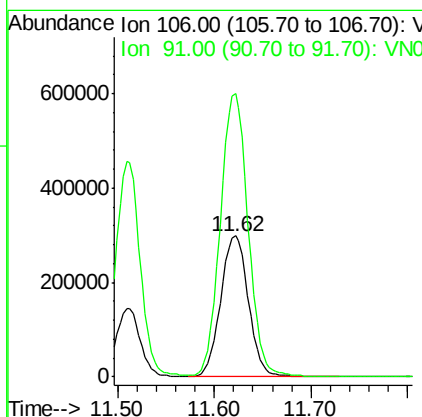
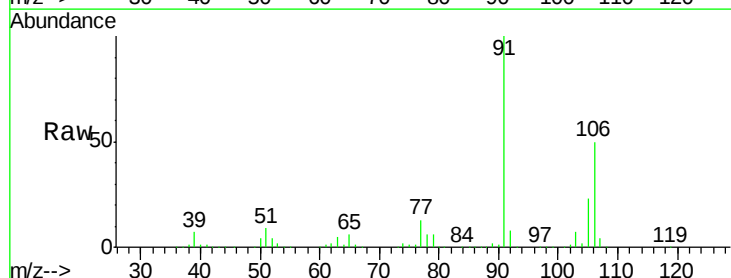
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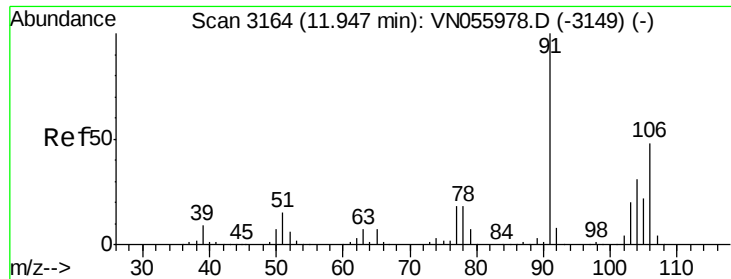
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#68
m/p-Xylenes
Concen: 99.310 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN056298.D
Acq: 13 Jun 2019 21:52

Tgt Ion: 106 Resp: 598145
Ion Ratio Lower Upper
106 100
91 200.4 159.3 238.9





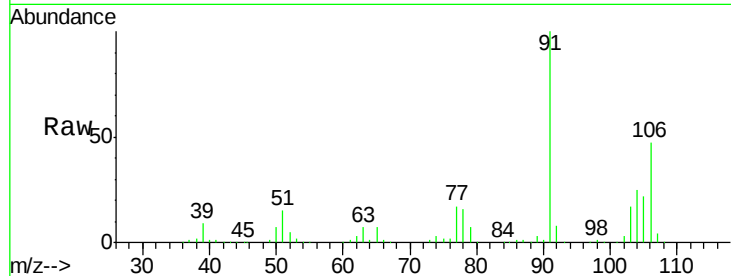
#69
o-Xylene
Concen: 49.604 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN056298.D
Acq: 13 Jun 2019 21:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

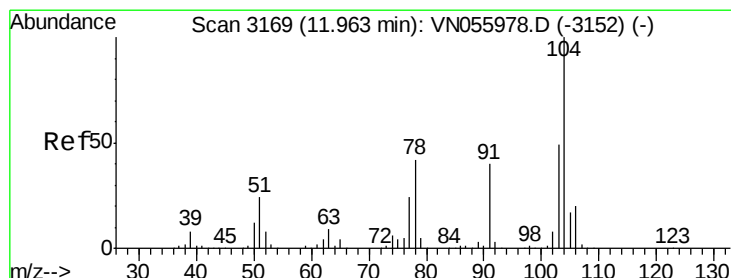
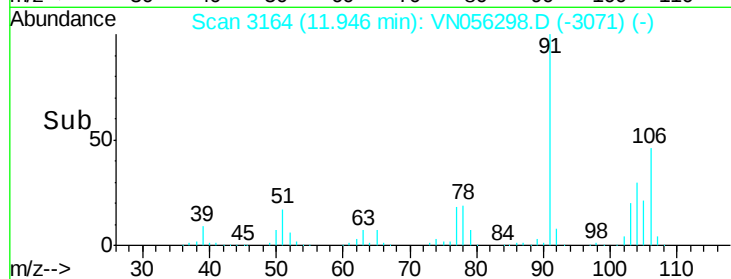
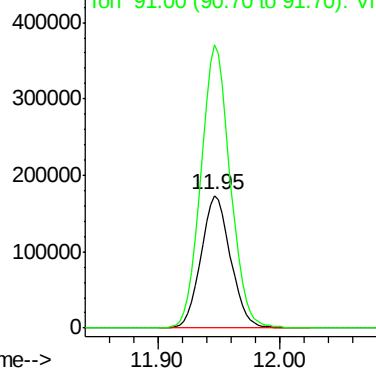
Tot Ion:106 Resp: 293884
Ion Ratio Lower Upper
106 100
91 211.5 104.7 314.1

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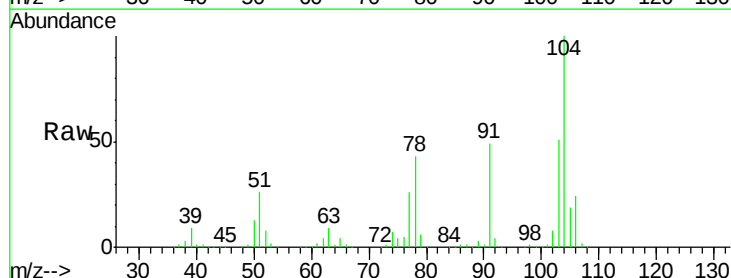


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

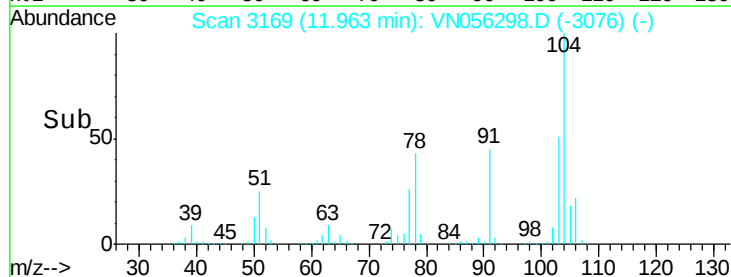
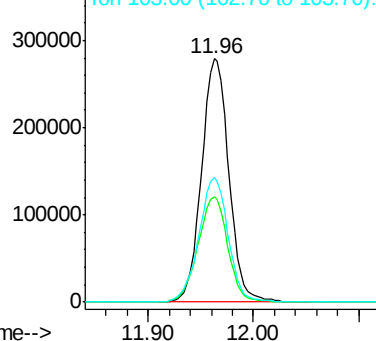


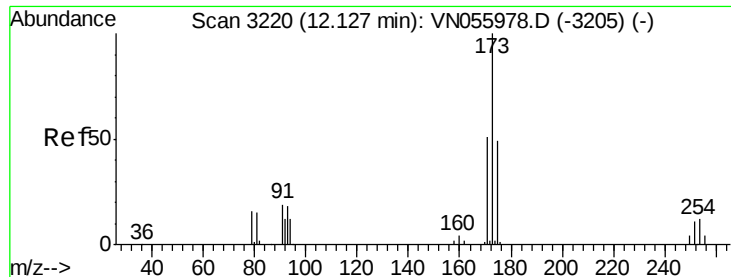
#70
Styrene
Concen: 53.055 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN056298.D
Acq: 13 Jun 2019 21:52

Tgt Ion:104 Resp: 499430
Ion Ratio Lower Upper
104 100
78 47.3 37.8 56.6
103 54.9 44.2 66.2



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 51.623 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN056298.D

Acq: 13 Jun 2019 21:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 135939

Ion Ratio Lower Upper

173 100

175 48.1 24.3 72.8

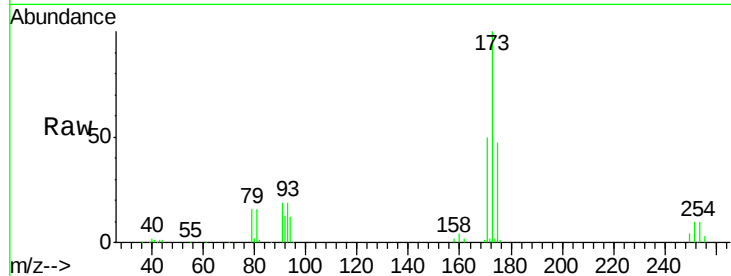
254 0.0 0.0 0.0

Manual Integrations

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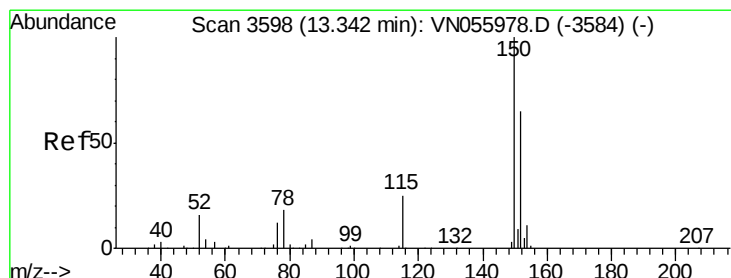
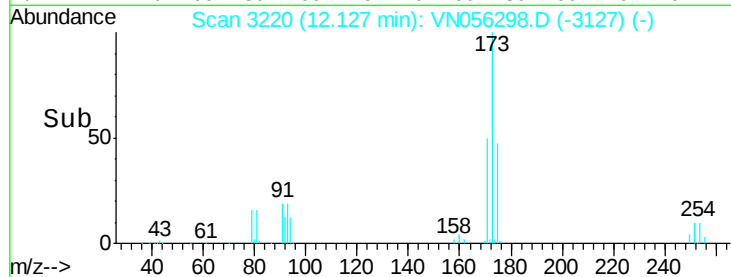
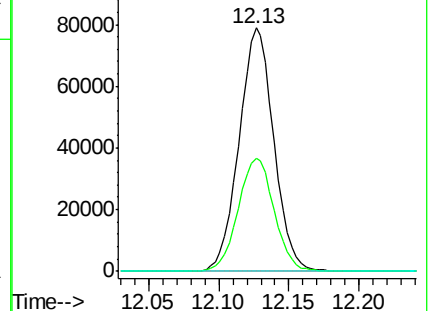
6/14/2019 9:36:56 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN056298.D

Acq: 13 Jun 2019 21:52

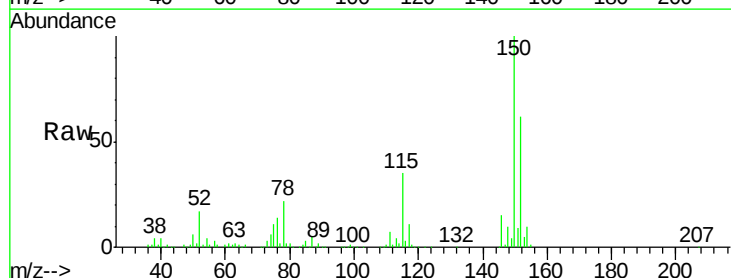
Tgt Ion:152 Resp: 191116

Ion Ratio Lower Upper

152 100

115 55.8 27.0 81.0

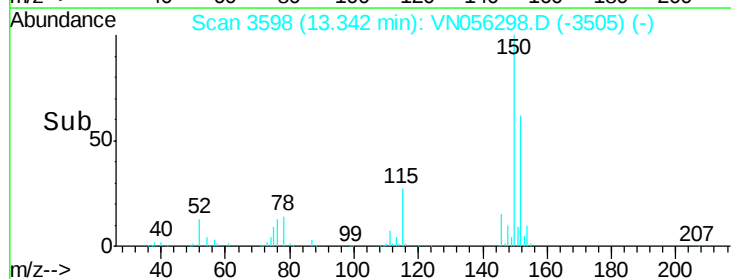
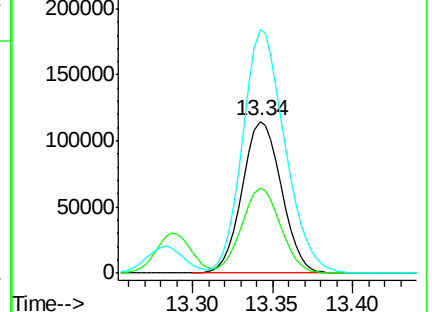
150 173.5 0.0 343.2

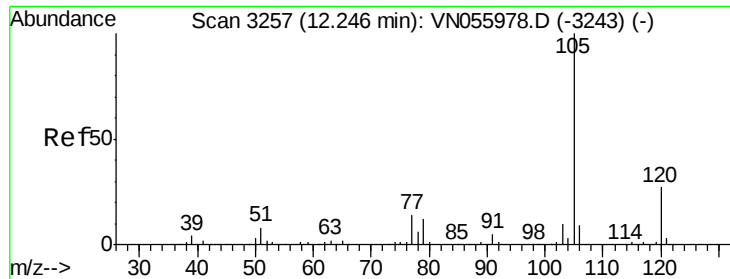


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





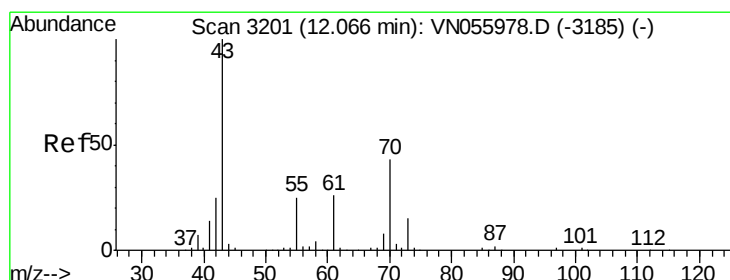
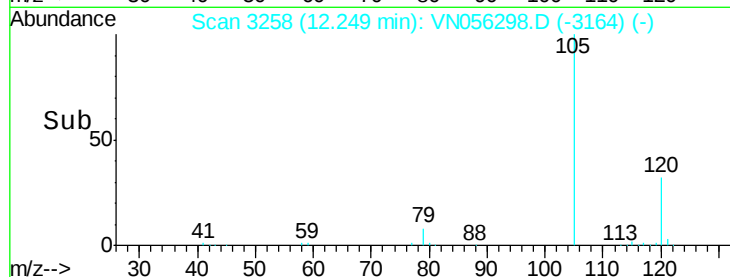
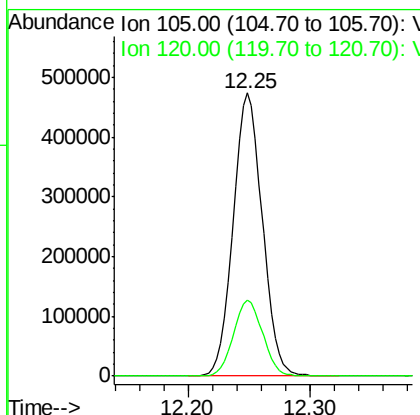
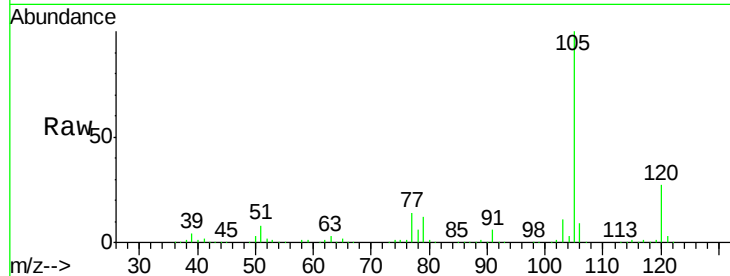
#73
Isopropylbenzene
Concen: 58.041 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN056298.D
Acq: 13 Jun 2019 21:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.9	13.6	40.7

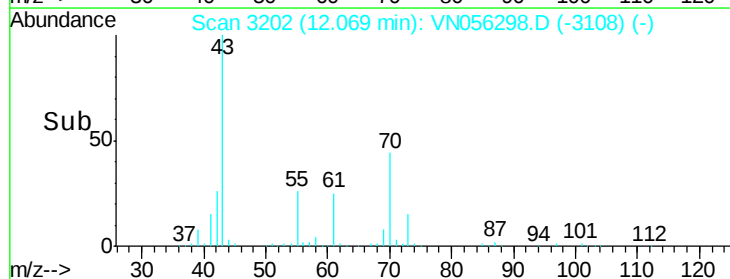
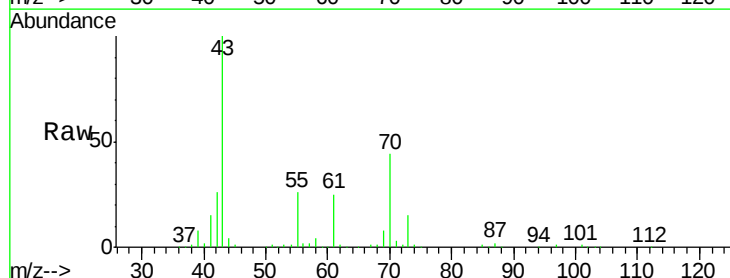
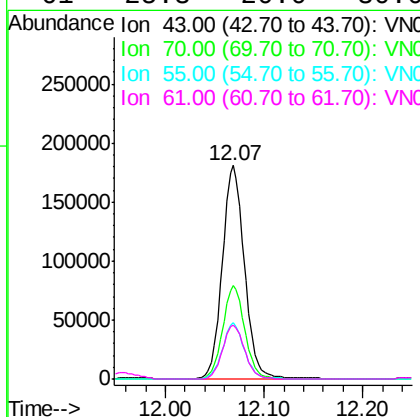
Manual Integrations
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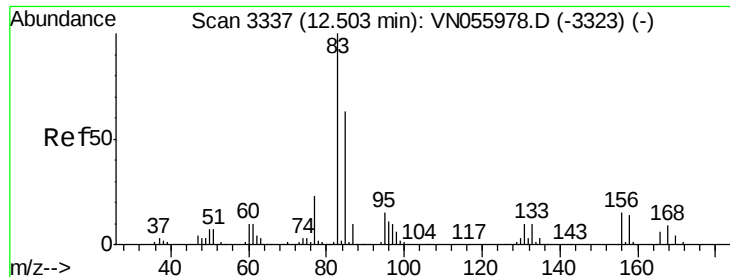
MMDadoda
6/14/2019 9:36:56 AM



#74
N-ethyl acetate
Concen: 55.911 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. 0.00 min
Lab File: VN056298.D
Acq: 13 Jun 2019 21:52

Tgt Ion	Ratio	Lower	Upper
43	100		
70	43.9	34.0	51.0
55	26.2	18.6	28.0
61	25.3	20.0	30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 55.321 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN056298.D

Acq: 13 Jun 2019 21:52

Instrument :

MSVOA_N

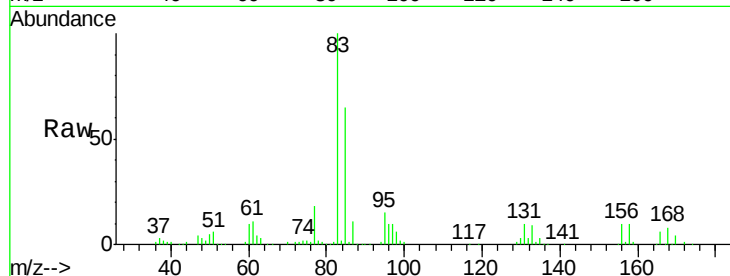
ClientSampleId :

VSTDCCC050EC

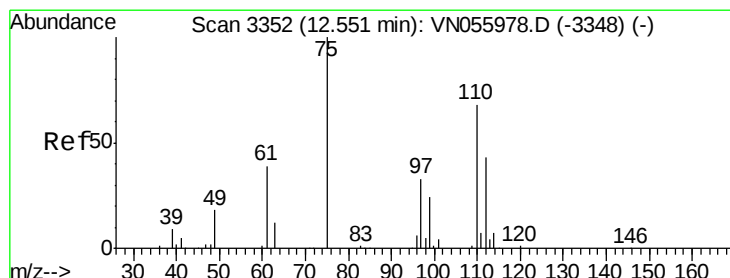
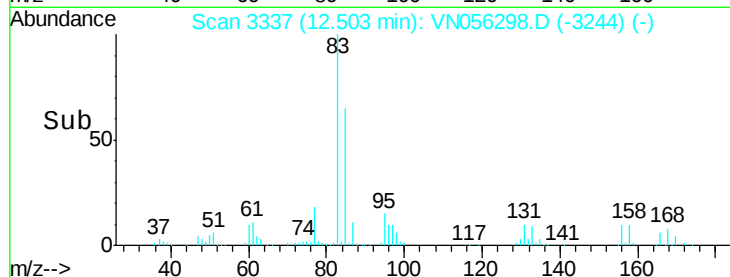
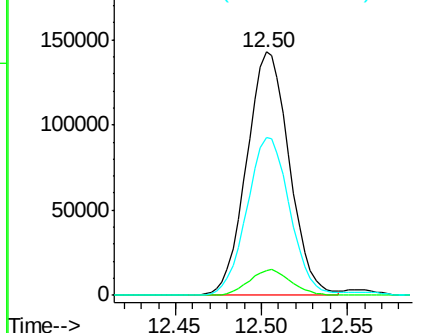
Tot Ion:	83	Resp:	245440
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.4	16.2
85	66.6	32.4	97.0

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Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 58.704 ug/l m

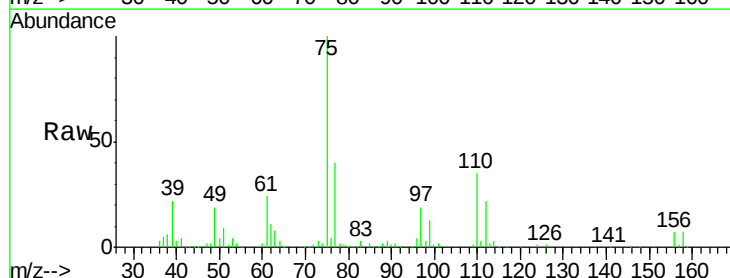
RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

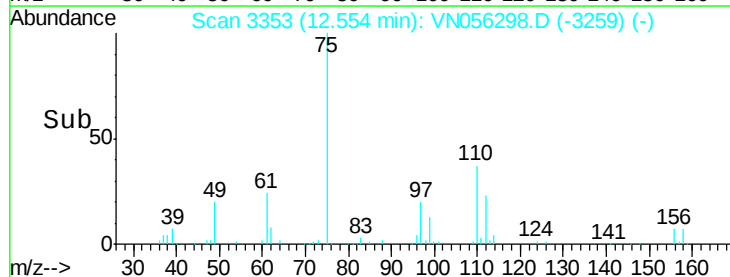
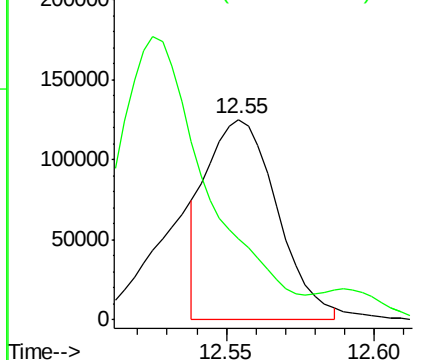
Lab File: VN056298.D

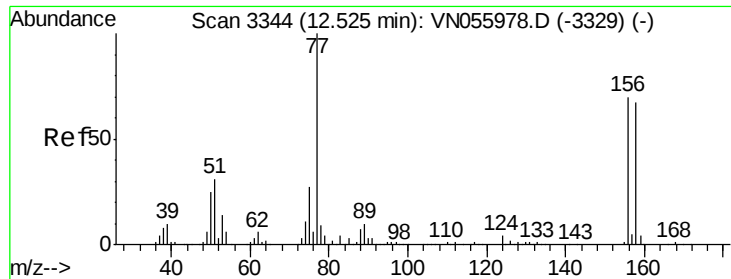
Acq: 13 Jun 2019 21:52

Tgt Ion:	75	Resp:	206438
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 50.692 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN056298.D

Acq: 13 Jun 2019 21:52

Instrument :

MSVOA_N

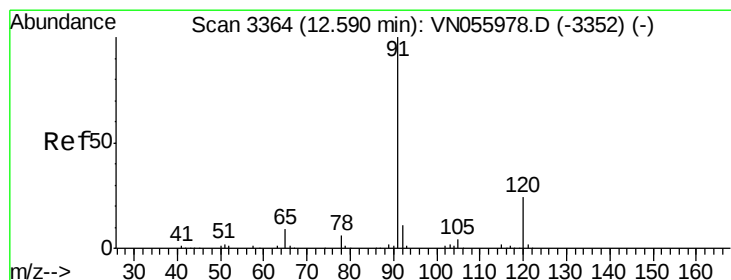
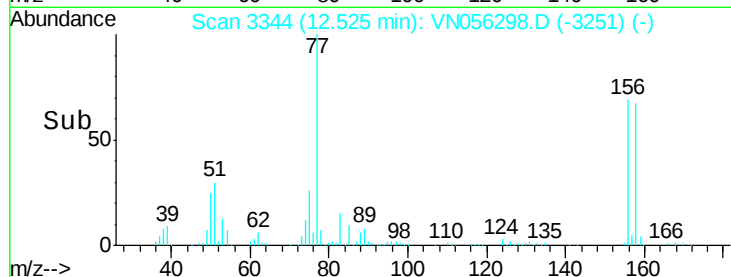
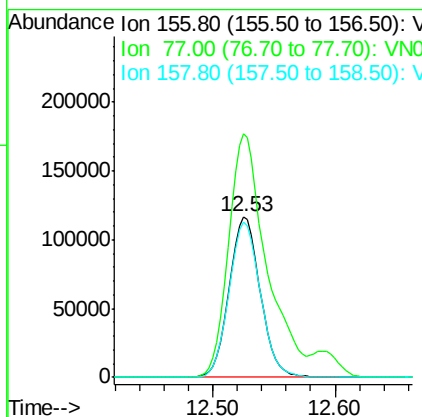
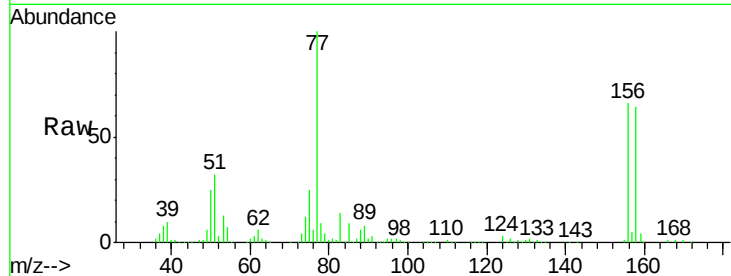
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	184.6	90.8	272.5
158	97.7	49.3	147.8

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#78

n-propylbenzene

Concen: 52.143 ug/l

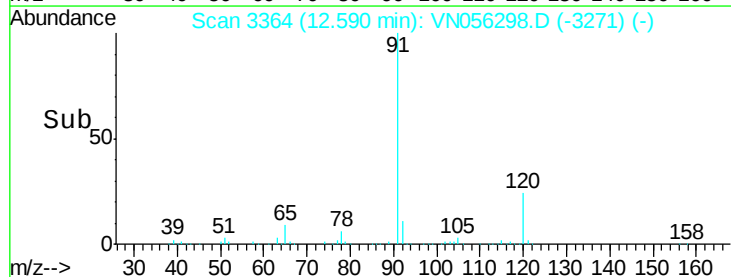
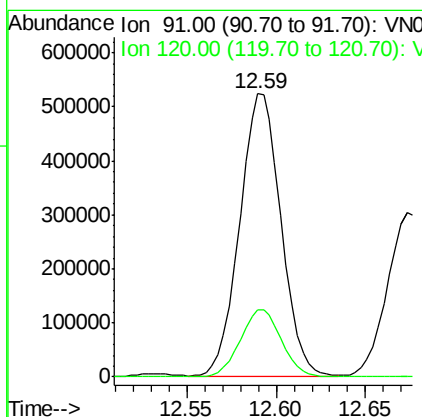
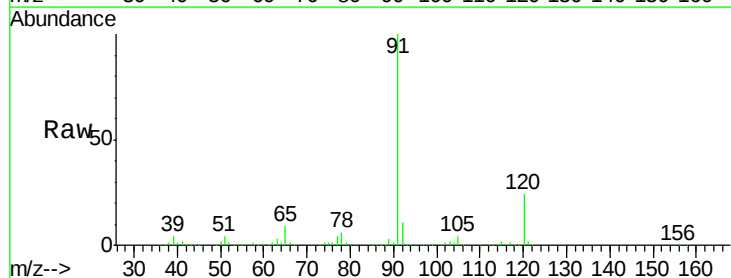
RT: 12.59 min Scan# 3364

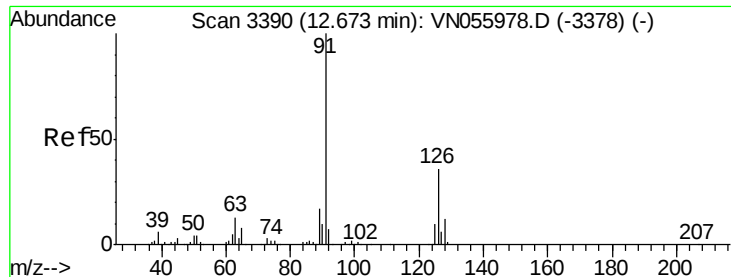
Delta R.T. -0.00 min

Lab File: VN056298.D

Acq: 13 Jun 2019 21:52

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.9	12.0	36.0





#79

2-Chlorotoluene

Concen: 57.697 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056298.D

Acq: 13 Jun 2019 21:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 514224

Ion Ratio Lower Upper

91 100

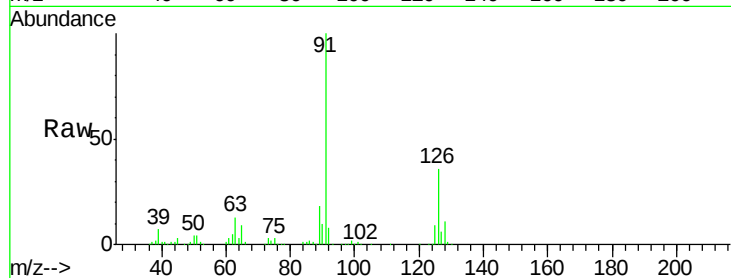
126 36.3 18.1 54.4

Manual Integrations

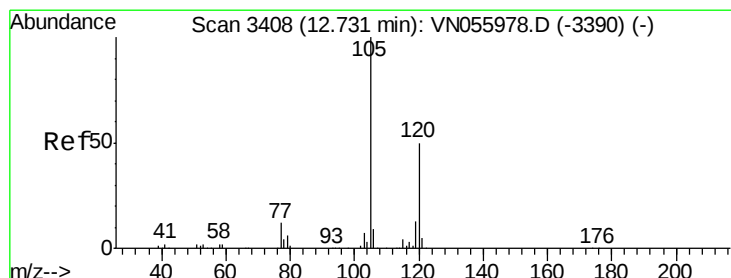
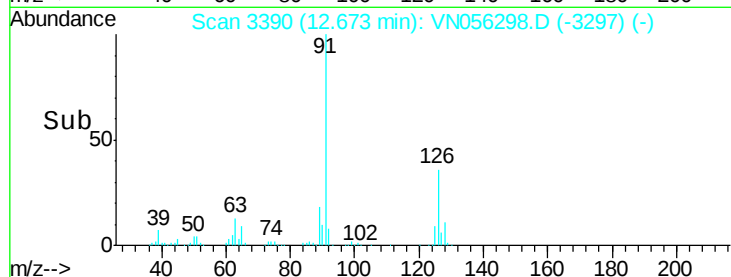
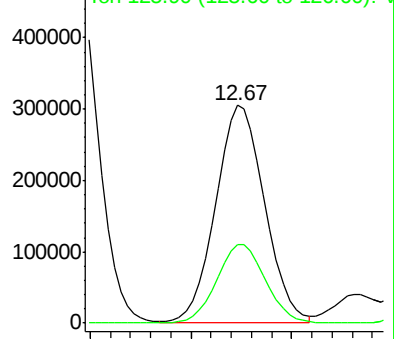
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Abundance Ion 91.00 (90.70 to 91.70): VN055978.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 49.343 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN056298.D

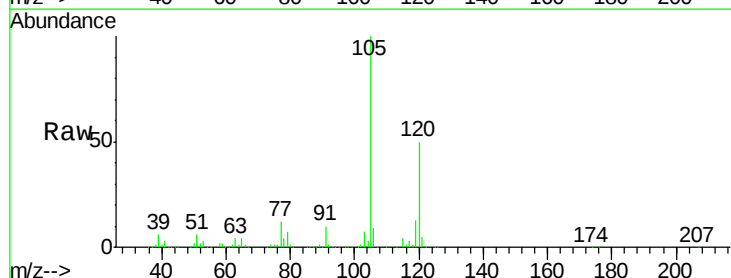
Acq: 13 Jun 2019 21:52

Tgt Ion: 105 Resp: 634054

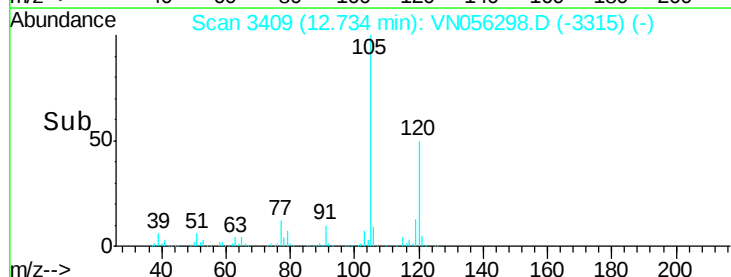
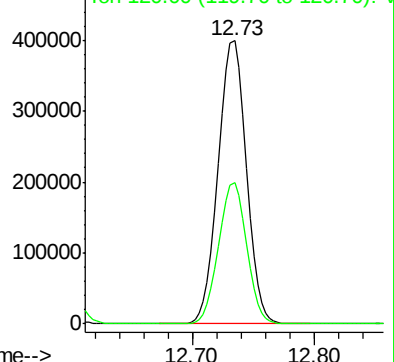
Ion Ratio Lower Upper

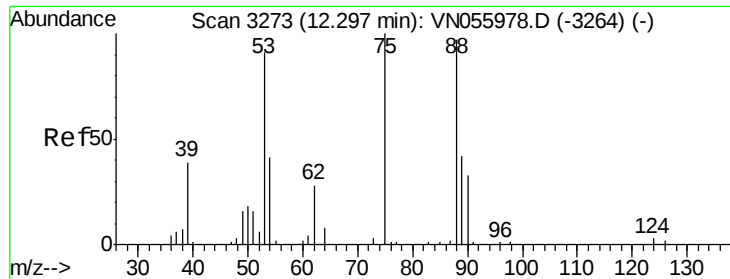
105 100

120 49.7 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): VN055978.D (-3390) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 55.773 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056298.D

Acq: 13 Jun 2019 21:52

Instrument :

MSVOA_N

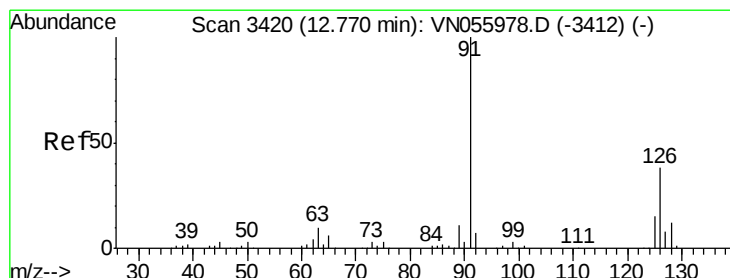
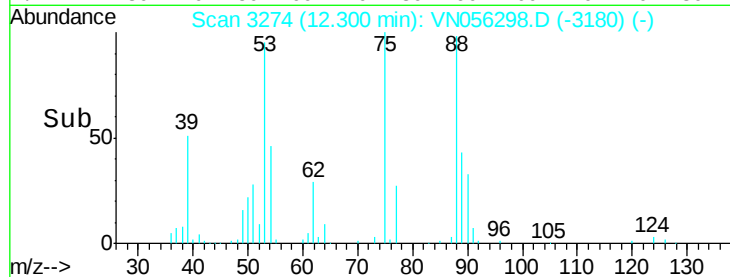
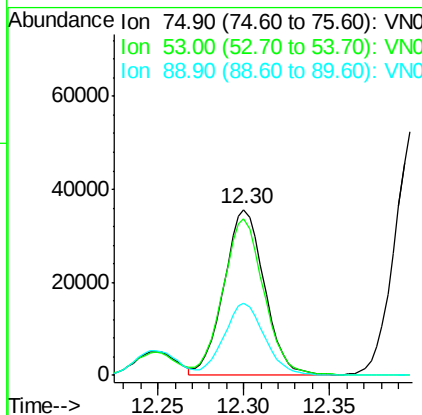
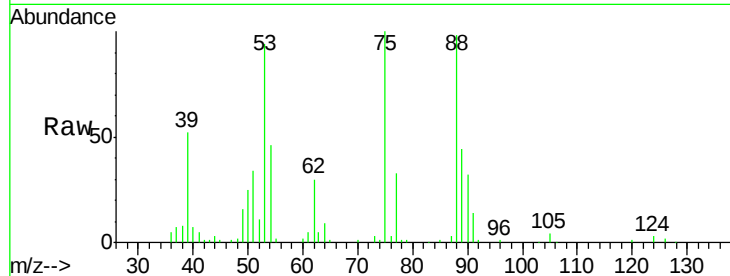
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	58895
Ion Ratio	Lower	Upper	
75	100		
53	95.6	68.1	102.1
89	43.7	36.9	55.3

Manual Integrations
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#82

4-Chlorotoluene

Concen: 52.687 ug/l

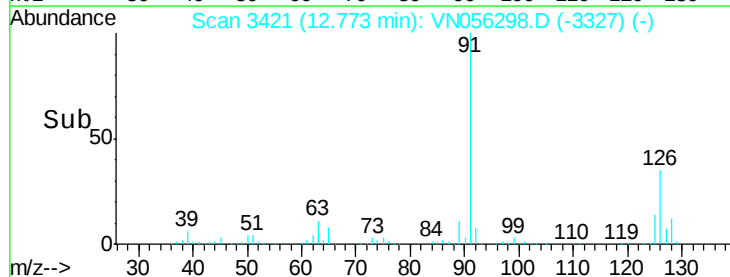
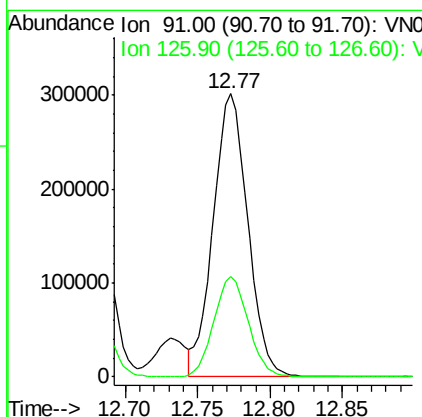
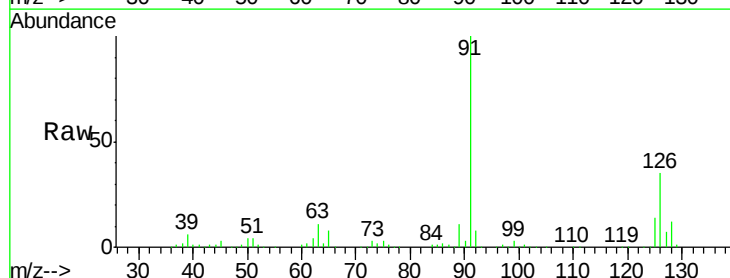
RT: 12.77 min Scan# 3421

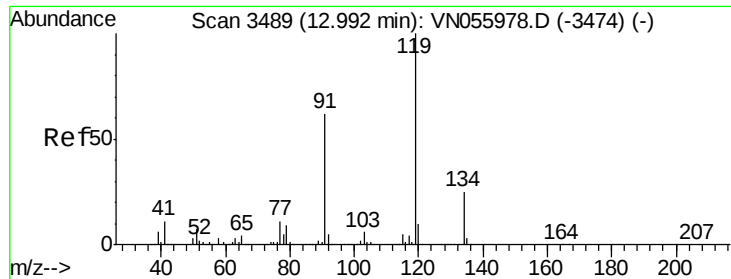
Delta R.T. 0.00 min

Lab File: VN056298.D

Acq: 13 Jun 2019 21:52

Tgt Ion:	91	Resp:	498371
Ion Ratio	Lower	Upper	
91	100		
126	35.2	17.8	53.3





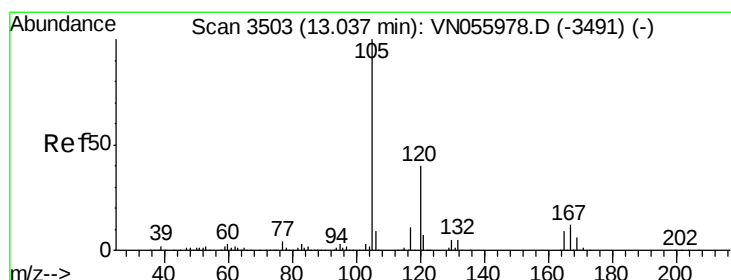
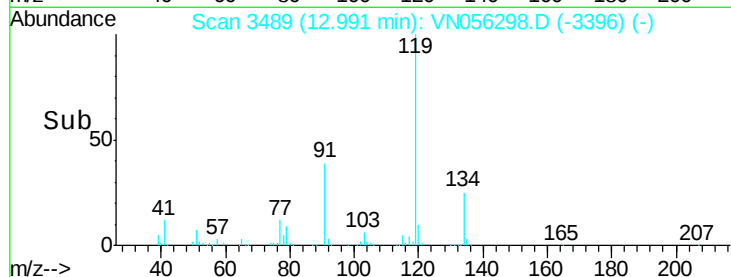
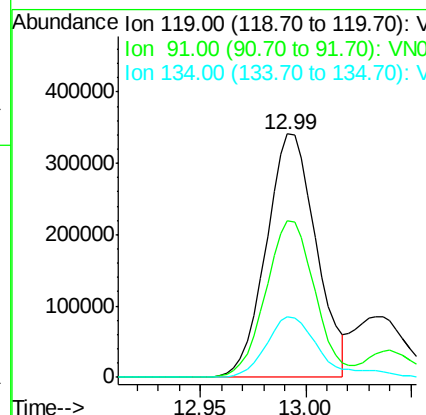
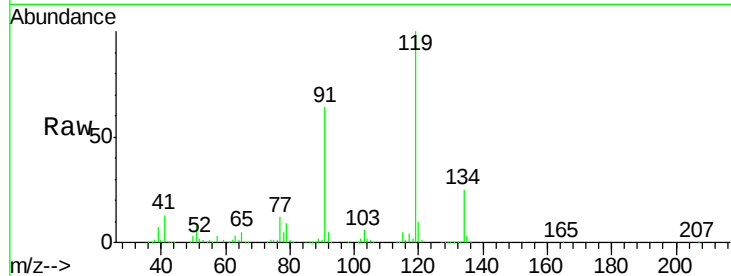
#83
 tert-Butylbenzene
 Concen: 56.591 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN056298.D
 Acq: 13 Jun 2019 21:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.3	30.9	92.8
134	27.0	13.3	39.8

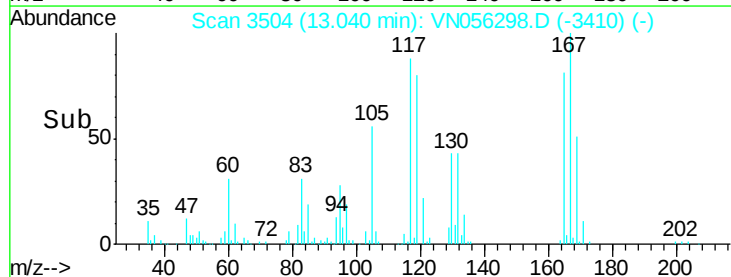
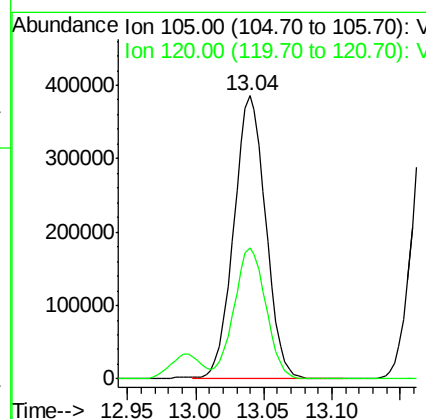
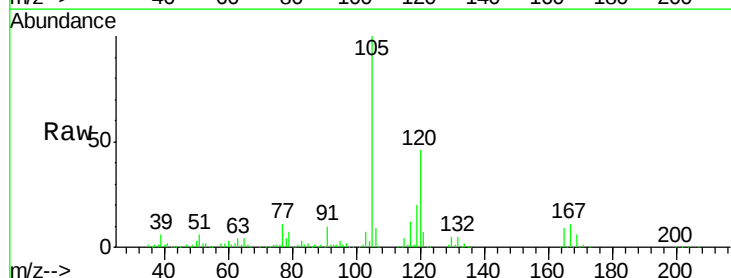
Manual Integrations
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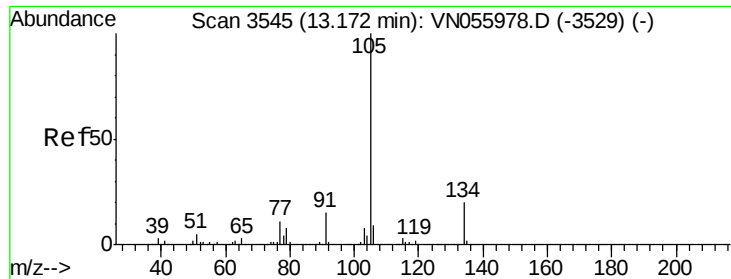
MMDadoda
 6/14/2019 9:36:56 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 51.280 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN056298.D
 Acq: 13 Jun 2019 21:52

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.5	23.0	69.0





#85

sec-Butylbenzene

Concen: 51.084 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN056298.D

Acq: 13 Jun 2019 21:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 731446

Ion Ratio Lower Upper

105 100

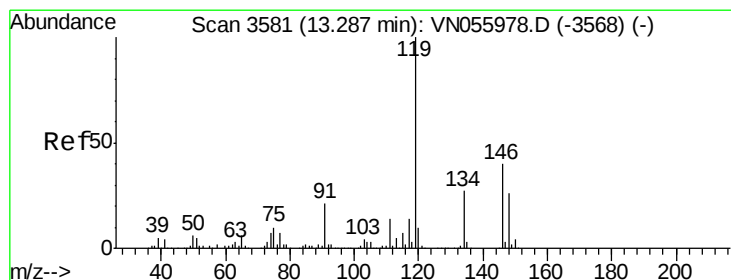
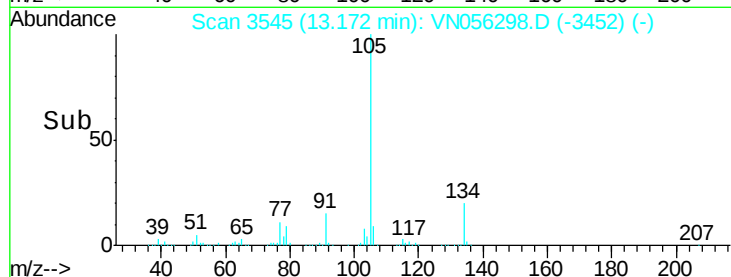
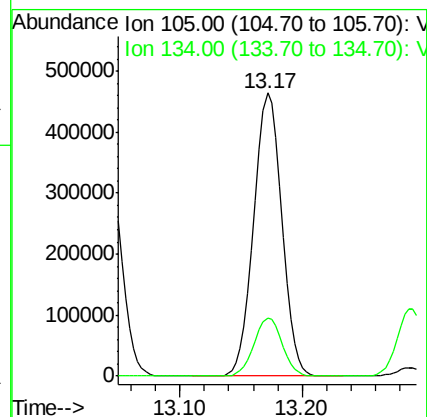
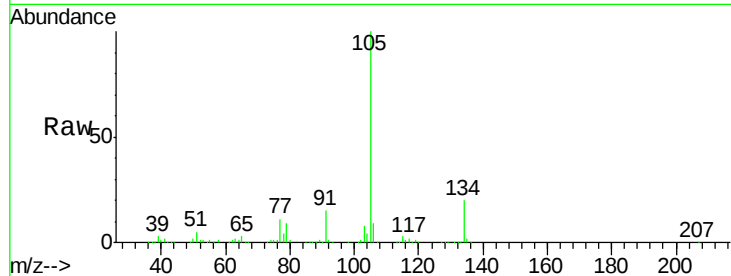
134 20.5 10.4 31.2

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 50.199 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN056298.D

Acq: 13 Jun 2019 21:52

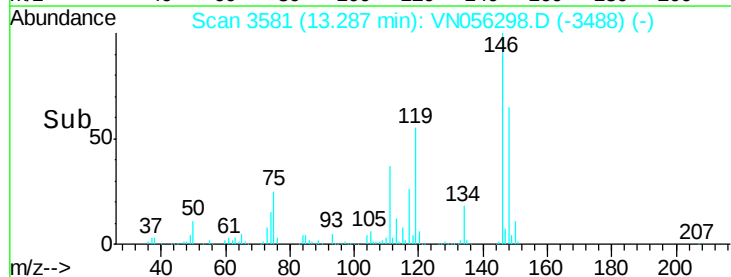
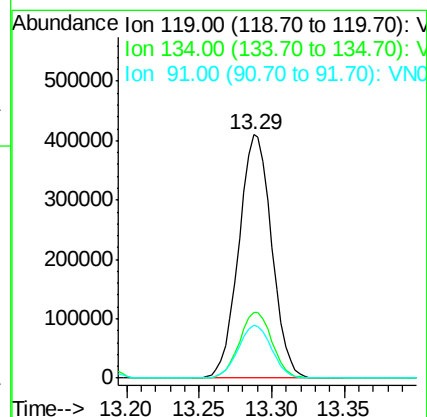
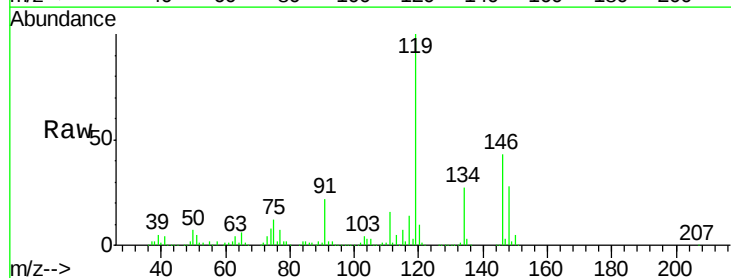
Tgt Ion:119 Resp: 643278

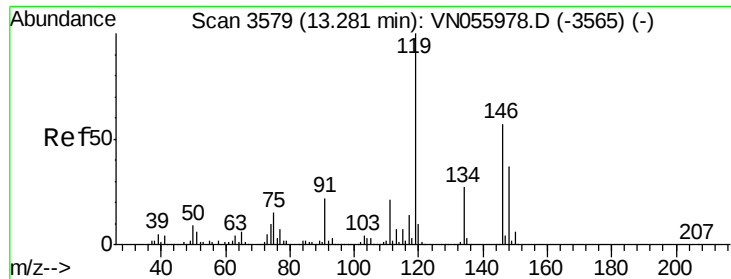
Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.1

91 21.9 10.9 32.9





#87

1,3-Dichlorobenzene

Concen: 51.352 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN056298.D

Acq: 13 Jun 2019 21:52

Instrument :

MSVOA_N

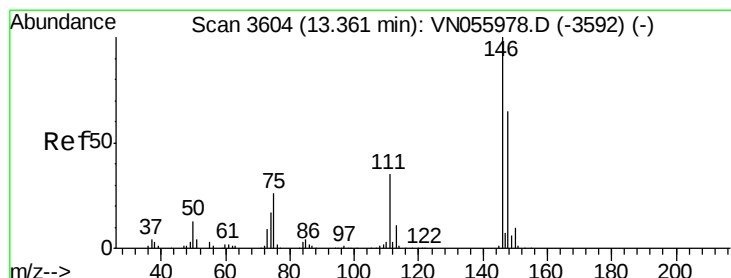
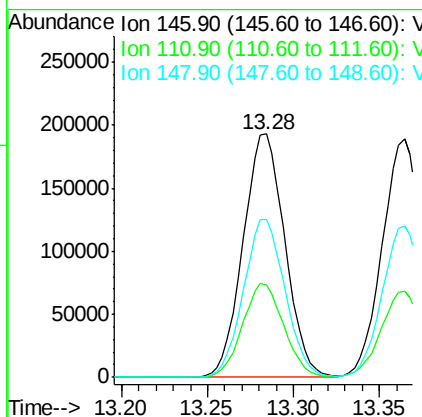
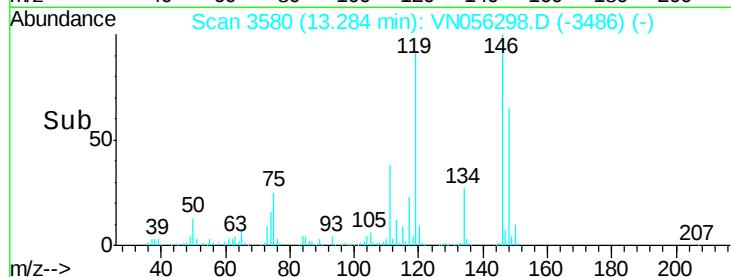
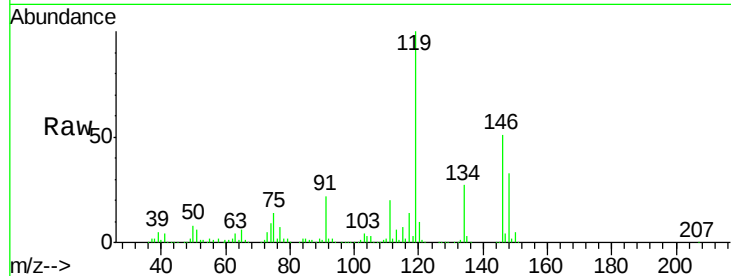
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	325206
Ion Ratio	Lower	Upper	
146	100		
111	37.9	18.5	55.5
148	64.7	32.0	96.2

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 51.391 ug/l

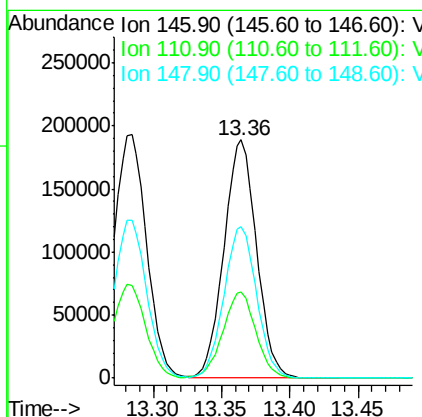
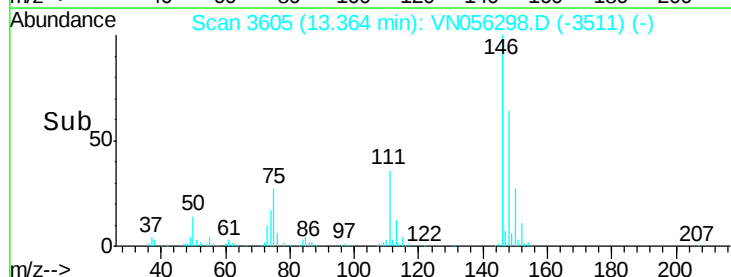
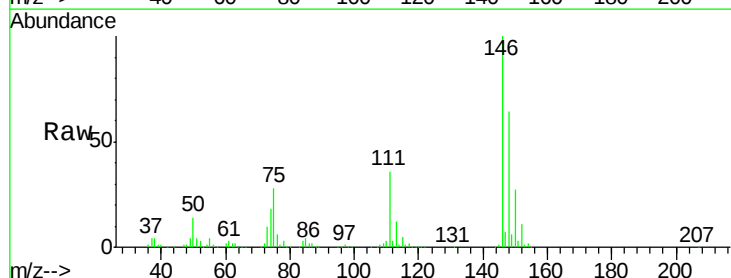
RT: 13.36 min Scan# 3605

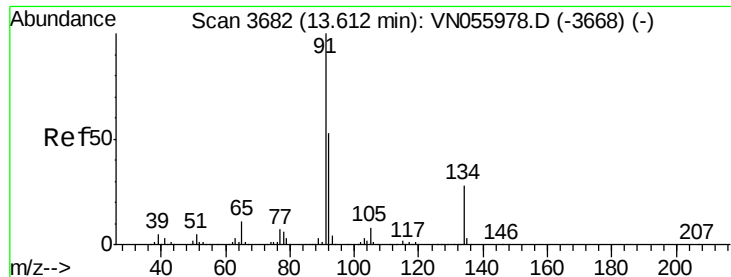
Delta R.T. 0.00 min

Lab File: VN056298.D

Acq: 13 Jun 2019 21:52

Tgt Ion:	146	Resp:	313070
Ion Ratio	Lower	Upper	
146	100		
111	36.5	18.1	54.4
148	64.0	32.1	96.5





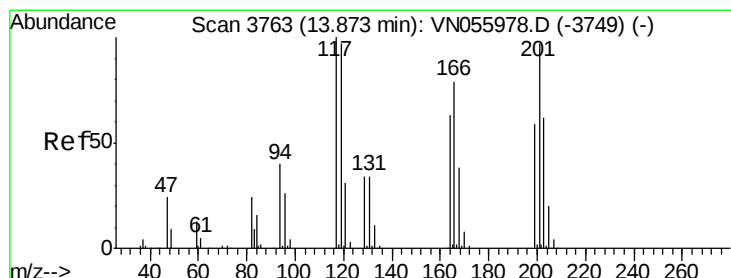
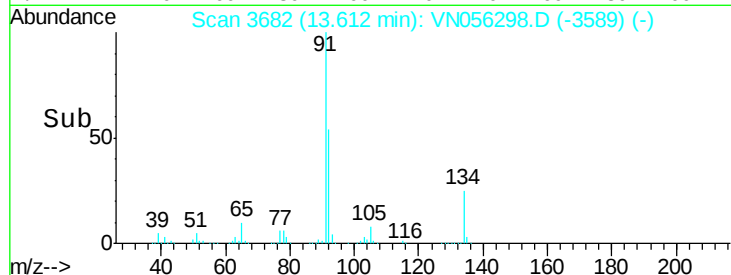
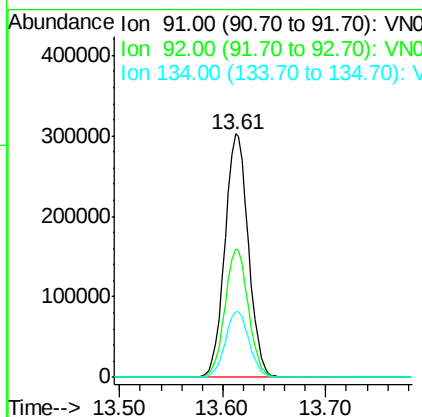
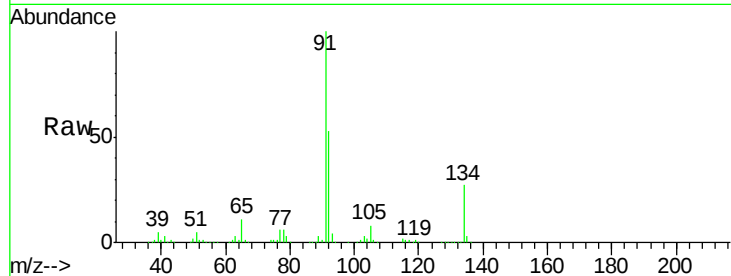
#89
n-Butylbenzene
Concen: 50.462 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN056298.D
Acq: 13 Jun 2019 21:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.4	79.0
134	27.3	13.9	41.7

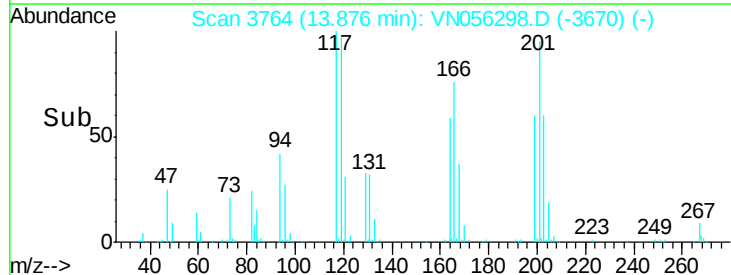
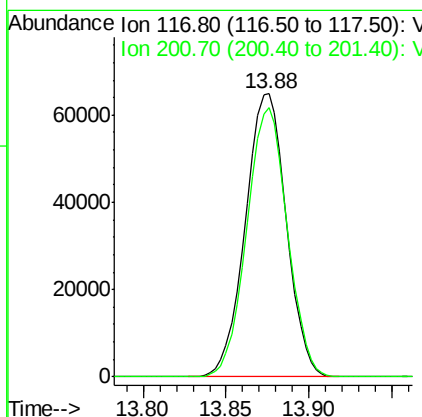
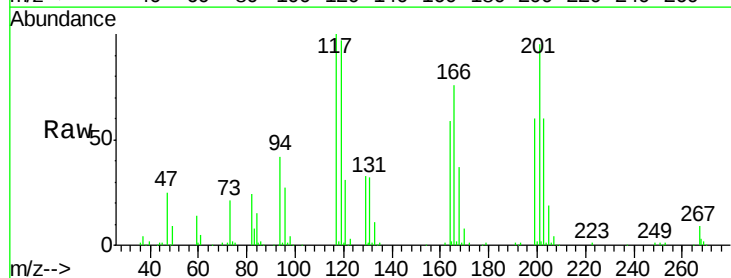
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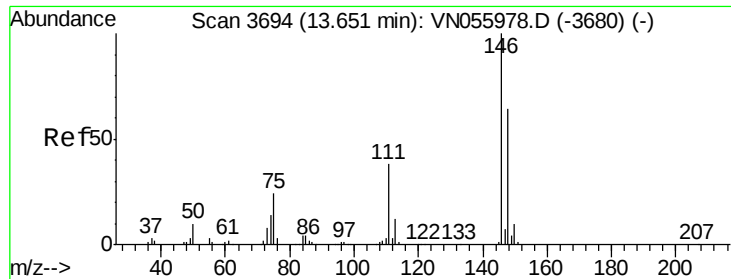
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#90
Hexachloroethane
Concen: 57.829 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. 0.00 min
Lab File: VN056298.D
Acq: 13 Jun 2019 21:52

Tgt Ion	Ratio	Lower	Upper
117	100		
201	94.1	50.0	150.0





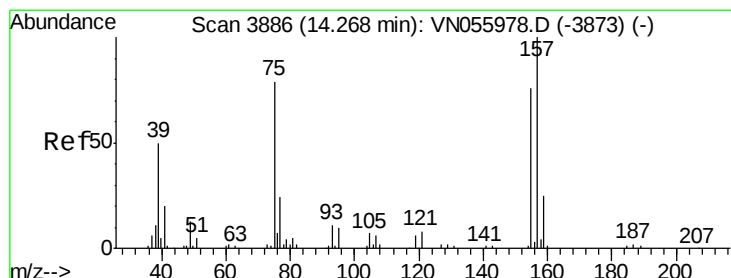
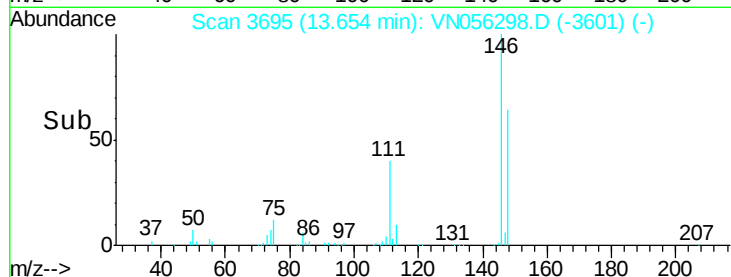
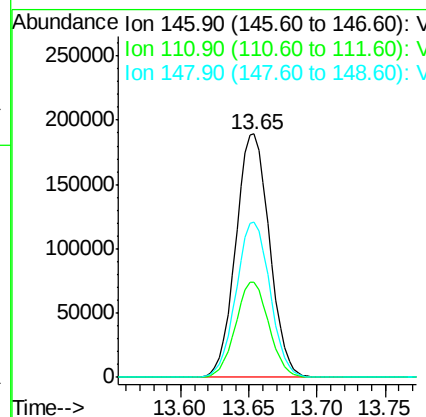
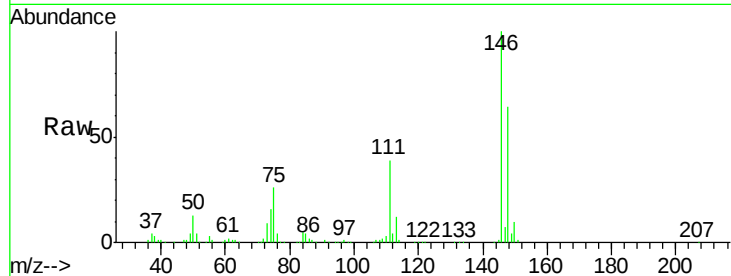
#91
 1,2-Dichlorobenzene
 Concen: 50.910 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN056298.D
 Acq: 13 Jun 2019 21:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.1	57.5
148	64.1	31.9	95.9

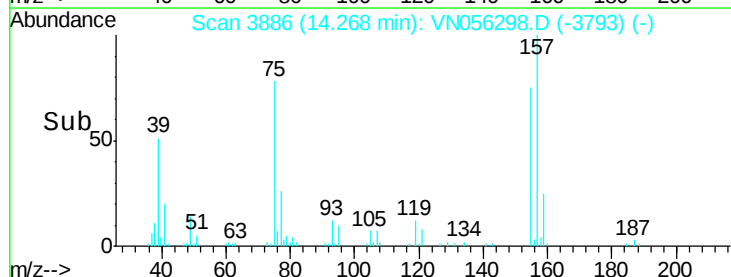
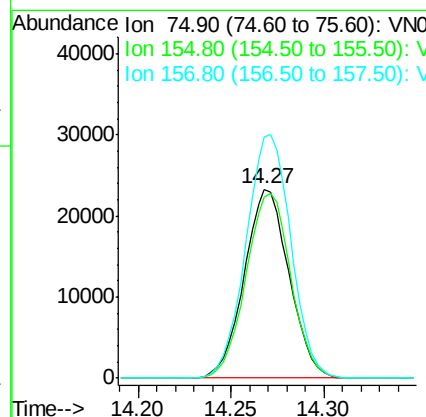
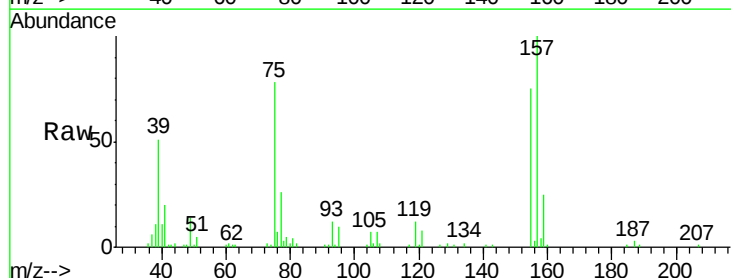
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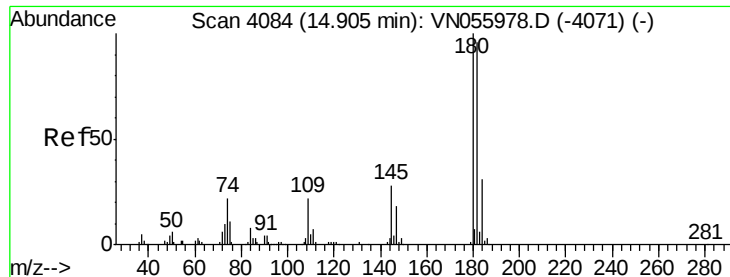
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 61.588 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN056298.D
 Acq: 13 Jun 2019 21:52

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.3	50.0	150.1
157	130.0	64.8	194.3





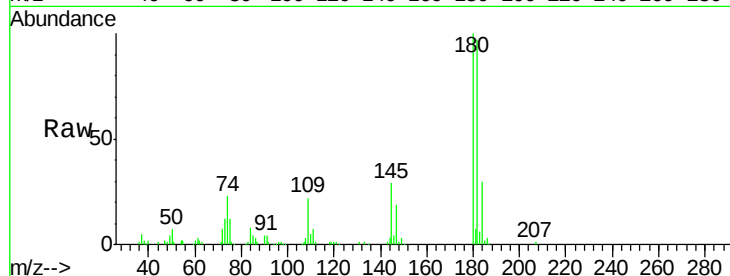
#93
 1,2,4-Trichlorobenzene
 Concen: 42.218 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056298.D
 Acq: 13 Jun 2019 21:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

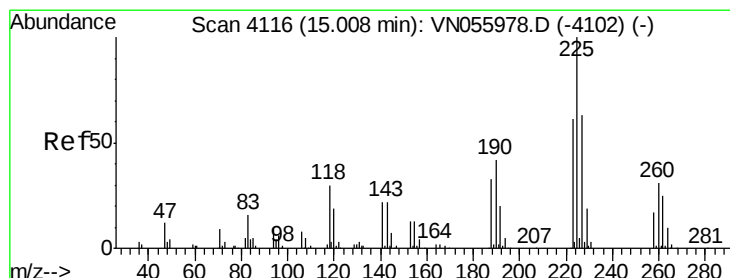
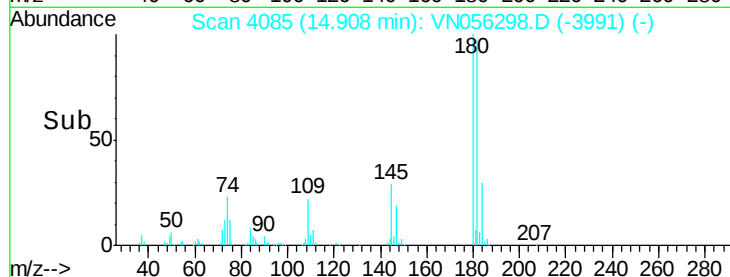
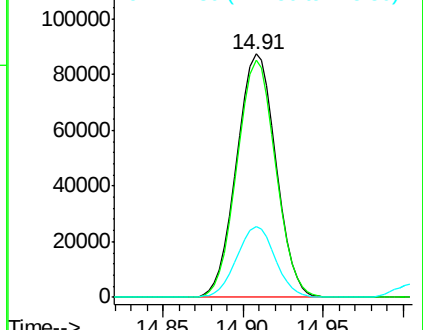
Tot Ion:	180	Resp:	146187
Ion Ratio	Lower	Upper	
180	100		
182	96.0	48.3	144.9
145	28.6	14.0	41.9

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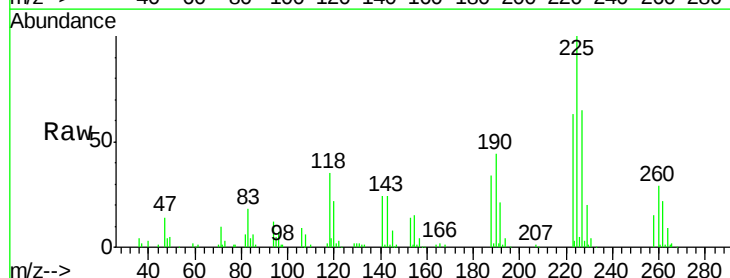


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

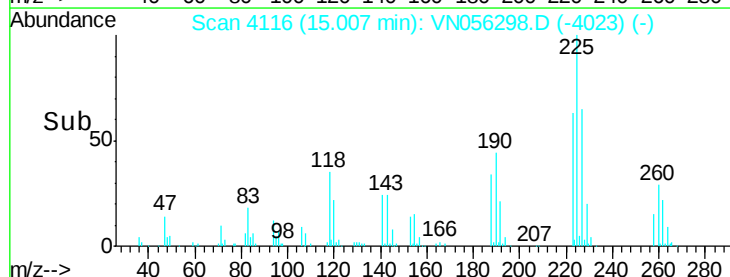
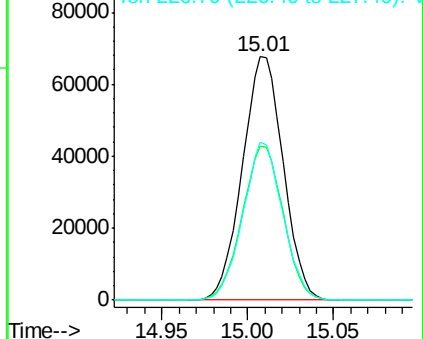


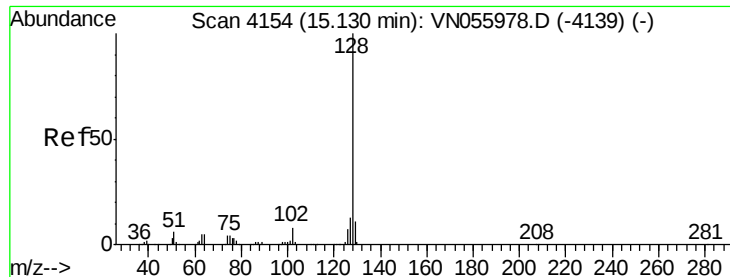
#94
 Hexachlorobutadiene
 Concen: 50.899 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056298.D
 Acq: 13 Jun 2019 21:52

Tgt Ion:	225	Resp:	111534
Ion Ratio	Lower	Upper	
225	100		
223	63.4	30.9	92.7
227	63.1	31.6	94.7



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 46.503 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056298.D

Acq: 13 Jun 2019 21:52

Instrument :

MSVOA_N

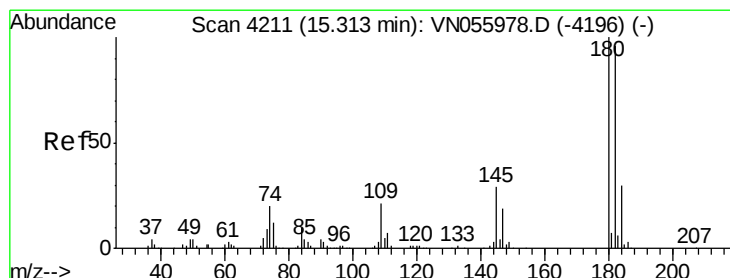
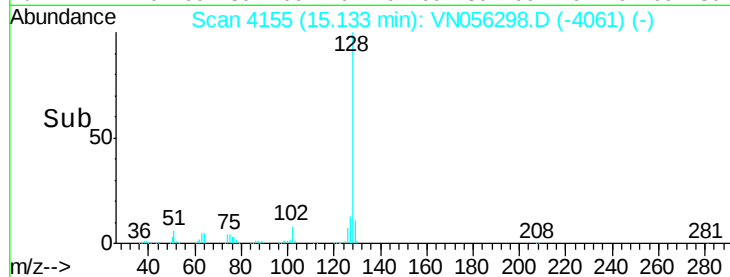
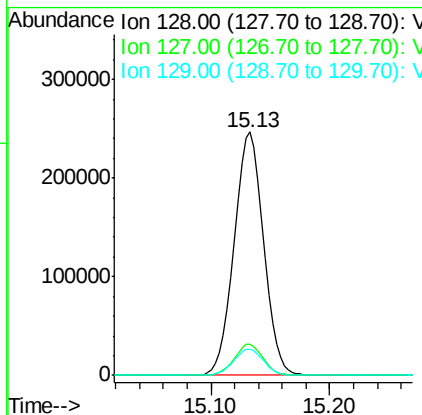
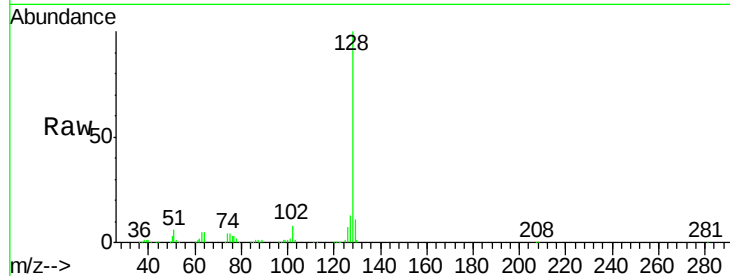
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	422425
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.3	15.5
129	11.0	8.7	13.1

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 47.549 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056298.D

Acq: 13 Jun 2019 21:52

Tgt Ion:	180	Resp:	170168
Ion Ratio	Lower	Upper	
180	100		
182	94.7	47.9	143.7
145	30.0	14.9	44.7

