

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090219\
 Data File : VN057659.D
 Acq On : 1 Sep 2019 21:32
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/3/2019 11:03:09 AM

Quant Time: Sep 02 03:28:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 15:54:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	181230	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	298055	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	279164	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	136246	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	214716	52.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.90%	
35) Dibromofluoromethane	7.58	113	136705	52.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.04%	
50) Toluene-d8	10.09	98	525627	52.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.20%	
62) 4-Bromofluorobenzene	12.40	95	204074	53.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.84	85	157057	54.194	ug/l	96
3) Chloromethane	2.05	50	170451	51.019	ug/l	98
4) Vinyl Chloride	2.18	62	136986	52.348	ug/l	99
5) Bromomethane	2.51	94	84996	51.334	ug/l	96
6) Chloroethane	2.66	64	77682	53.146	ug/l	99
7) Trichlorofluoromethane	2.99	101	193921	52.793	ug/l	99
8) Diethyl Ether	3.40	74	63570	52.301	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	95242	51.144	ug/l	99
10) Methyl Iodide	3.92	142	129734	53.957	ug/l	98
11) Tert butyl alcohol	4.82	59	108465	252.601	ug/l #	96
12) 1,1-Dichloroethene	3.71	96	88329	52.325	ug/l	96
13) Acrolein	3.59	56	36633	214.568	ug/l	93
14) Allyl chloride	4.29	41	253994	48.230	ug/l	95
15) Acrylonitrile	4.98	53	334357	259.501	ug/l	100
16) Acetone	3.81	43	255240	222.461	ug/l	97
17) Carbon Disulfide	4.02	76	261823	47.976	ug/l	99
18) Methyl Acetate	4.31	43	197539	50.143	ug/l	98
19) Methyl tert-butyl Ether	5.03	73	459645	52.630	ug/l	98
20) Methylene Chloride	4.52	84	153270	53.960	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	133605	53.236	ug/l	98
22) Diisopropyl ether	5.94	45	560145	51.741	ug/l	97
23) Vinyl Acetate	5.88	43	2213920	266.093	ug/l	100
24) 1,1-Dichloroethane	5.82	63	283196	52.112	ug/l	99
25) 2-Butanone	6.83	43	473159	247.490	ug/l	98
26) 2,2-Dichloropropane	6.81	77	178582	41.113	ug/l	98
27) cis-1,2-Dichloroethene	6.81	96	154401	51.520	ug/l	99
28) Bromochloromethane	7.18	49	152328	52.637	ug/l	99
29) Tetrahydrofuran	7.20	42	311341	259.572	ug/l	99
30) Chloroform	7.36	83	292461	53.049	ug/l	97
31) Cyclohexane	7.63	56	267448	49.310	ug/l	100
32) 1,1,1-Trichloroethane	7.55	97	239693	53.002	ug/l	99
36) 1,1-Dichloropropene	7.78	75	209692	53.065	ug/l	98
37) Ethyl Acetate	6.92	43	208129	55.292	ug/l	100
38) Carbon Tetrachloride	7.76	117	187101	52.895	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	241128	51.648	ug/l	96
40) Benzene	8.03	78	604754	52.575	ug/l	100
41) Methacrylonitrile	7.16	41	93484	44.566	ug/l #	88
42) 1,2-Dichloroethane	8.11	62	263800	56.463	ug/l	99
43) Isopropyl Acetate	8.16	43	359559	53.093	ug/l	100
44) Trichloroethene	8.82	130	140397	53.804	ug/l	89
45) 1,2-Dichloropropane	9.11	63	169356	52.857	ug/l	97
46) Dibromomethane	9.20	93	104673	52.763	ug/l	99
47) Bromodichloromethane	9.40	83	209923	52.084	ug/l	100
48) Methyl methacrylate	9.19	41	185745	53.721	ug/l	98
49) 1,4-Dioxane	9.20	88	43832	1082.599	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	1066361	274.732	ug/l	99
52) Toluene	10.15	92	371899	54.703	ug/l	96
53) t-1,3-Dichloropropene	10.38	75	203632	45.531	ug/l	95
54) cis-1,3-Dichloropropene	9.83	75	234708	47.548	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	139257	53.988	ug/l	97
56) Ethyl methacrylate	10.43	69	223971	52.032	ug/l	97
57) 1,3-Dichloropropane	10.71	76	246711	52.132	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	304623	241.889	ug/l	99
59) 2-Hexanone	10.75	43	747891	262.384	ug/l	98
60) Dibromochloromethane	10.90	129	130602	46.457	ug/l	99
61) 1,2-Dibromoethane	11.00	107	139282	53.626	ug/l	100
64) Tetrachloroethene	10.63	164	128563	53.186	ug/l	98
65) Chlorobenzene	11.43	112	370417	52.953	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	127570	52.290	ug/l	97
67) Ethyl Benzene	11.51	91	725210	53.357	ug/l	98
68) m/p-Xylenes	11.62	106	511952	106.917	ug/l	98
69) o-Xylene	11.95	106	248060	53.455	ug/l	99
70) Styrene	11.96	104	415966	49.816	ug/l	99
71) Bromoform	12.13	173	78456	44.106	ug/l #	100
73) Isopropylbenzene	12.25	105	694579	50.493	ug/l	98
74) N-amyl acetate	12.07	43	311797	48.029	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	200013	49.334	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	182839m	51.017	ug/l	
77) Bromobenzene	12.53	156	150362	51.357	ug/l	97
78) n-propylbenzene	12.59	91	784109	51.214	ug/l	98
79) 2-Chlorotoluene	12.67	91	482561	50.546	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	580887	51.330	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	42685	40.826	ug/l	94
82) 4-Chlorotoluene	12.77	91	473363	50.091	ug/l	99
83) tert-Butylbenzene	12.99	119	487658	50.786	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	553487	50.553	ug/l	99
85) sec-Butylbenzene	13.17	105	653884	50.627	ug/l	100
86) p-Isopropyltoluene	13.29	119	532048	49.811	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	240900	50.506	ug/l	98
88) 1,4-Dichlorobenzene	13.37	146	232876	50.545	ug/l	98
89) n-Butylbenzene	13.62	91	481597	48.112	ug/l	99
90) Hexachloroethane	13.88	117	86368	46.575	ug/l	98
91) 1,2-Dichlorobenzene	13.66	146	235054	51.643	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	30005	48.064	ug/l	96

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QLast Update : Sat Aug 31 15:54:32 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	84910	44.146	ug/l	100
94) Hexachlorobutadiene	15.01	225	76379	48.901	ug/l	99
95) Naphthalene	15.13	128	250965	43.962	ug/l	98
96) 1,2,3-Trichlorobenzene	15.30	180	86138	44.580	ug/l	99

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

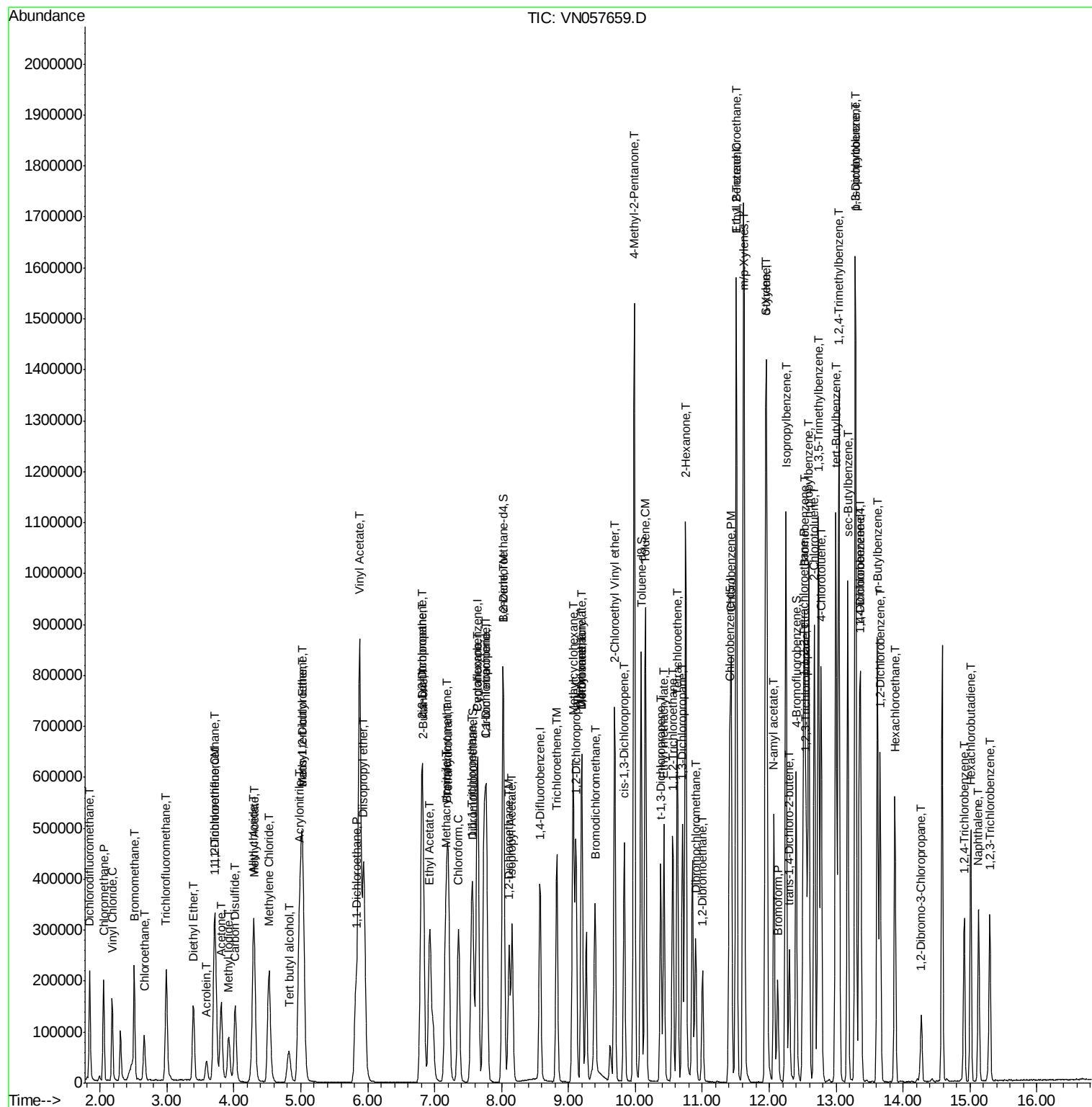
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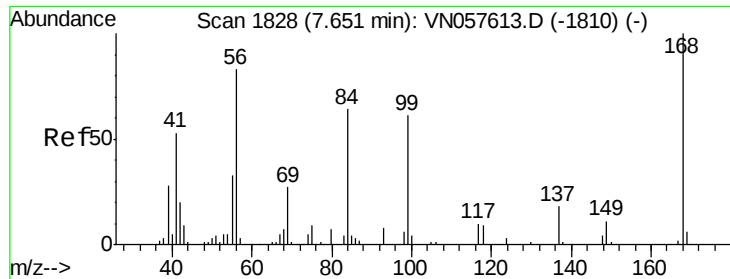
Instrument :
 MSVOA_N
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN057659.D

Acq: 1 Sep 2019 21:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 181230

Ion Ratio Lower Upper

168 100

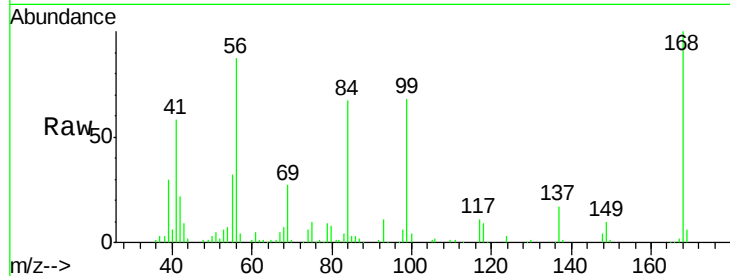
99 67.1 54.2 81.2

Manual Integrations

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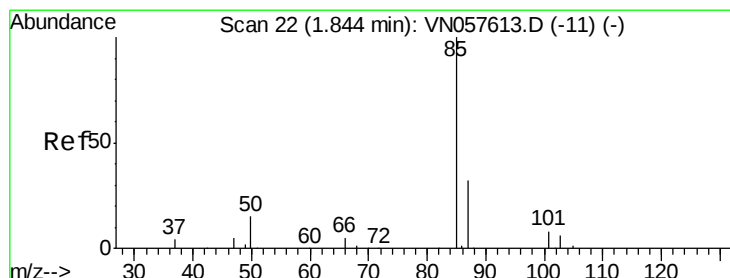
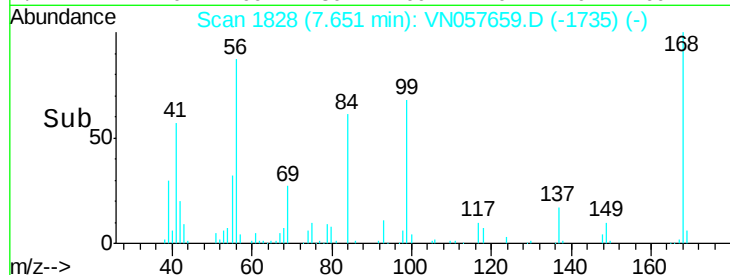
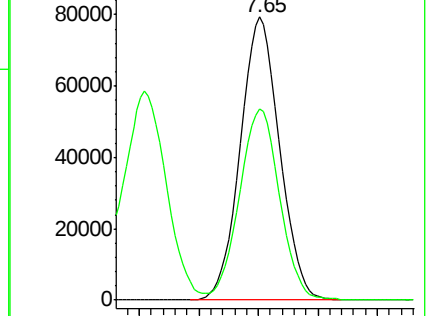
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 54.194 ug/l

RT: 1.84 min Scan# 22

Delta R.T. 0.00 min

Lab File: VN057659.D

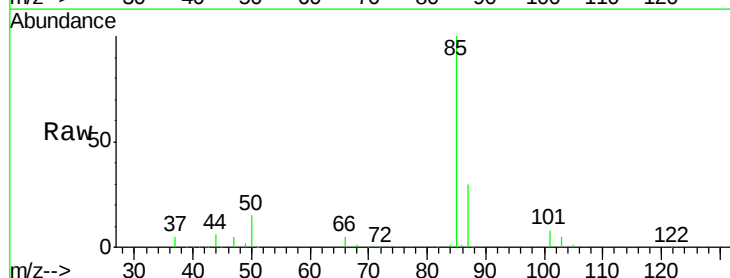
Acq: 1 Sep 2019 21:32

Tgt Ion: 85 Resp: 157057

Ion Ratio Lower Upper

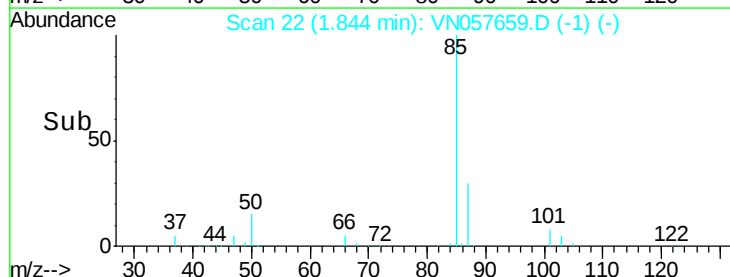
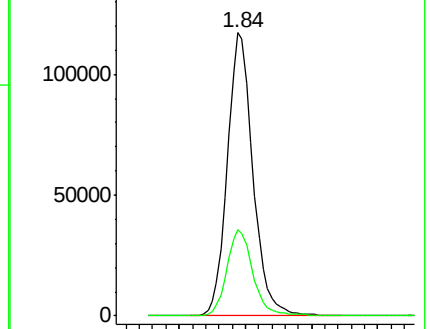
85 100

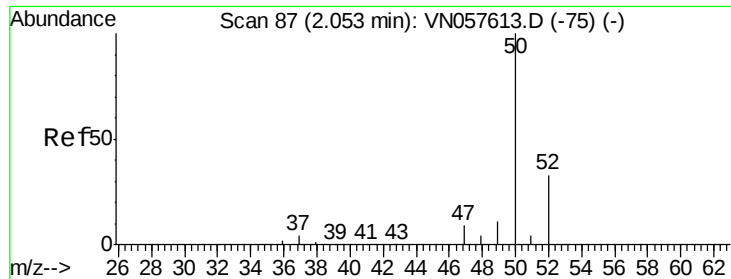
87 30.3 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 51.019 ug/l

RT: 2.05 min Scan# 87

Delta R.T. 0.00 min

Lab File: VN057659.D

Acq: 1 Sep 2019 21:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 170451

Ion Ratio Lower Upper

50 100

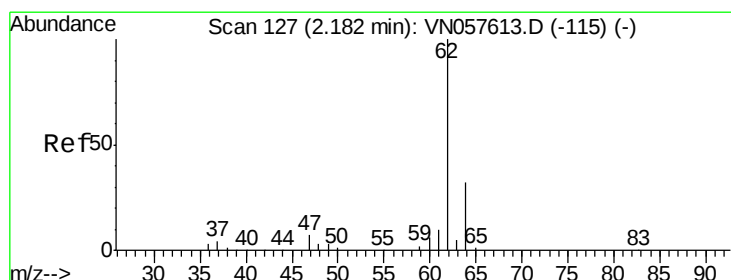
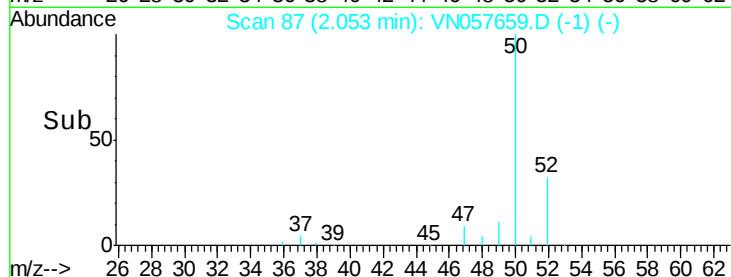
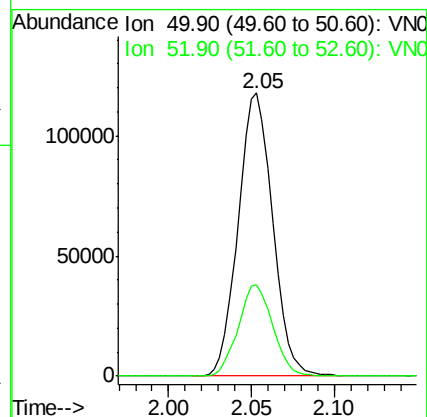
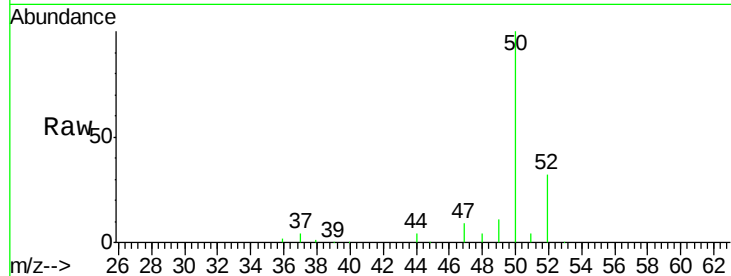
52 32.5 26.7 40.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 52.348 ug/l

RT: 2.18 min Scan# 127

Delta R.T. 0.00 min

Lab File: VN057659.D

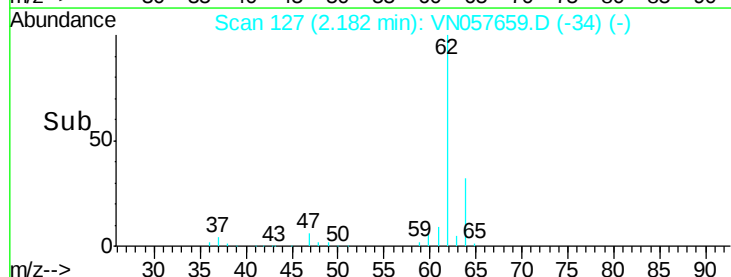
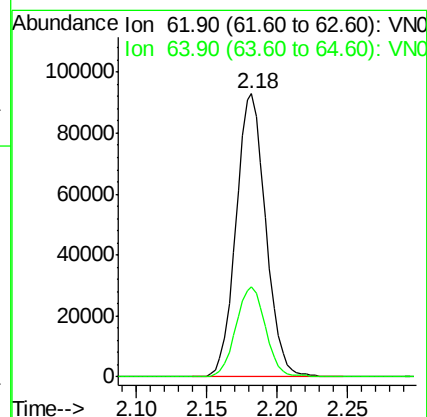
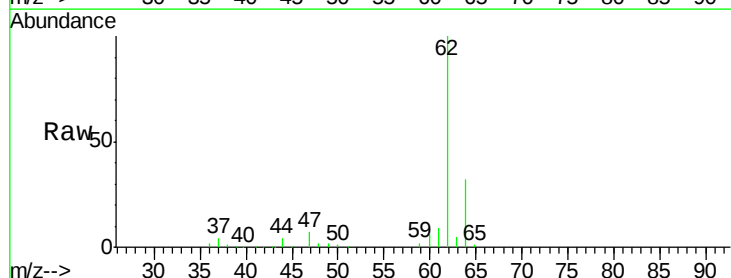
Acq: 1 Sep 2019 21:32

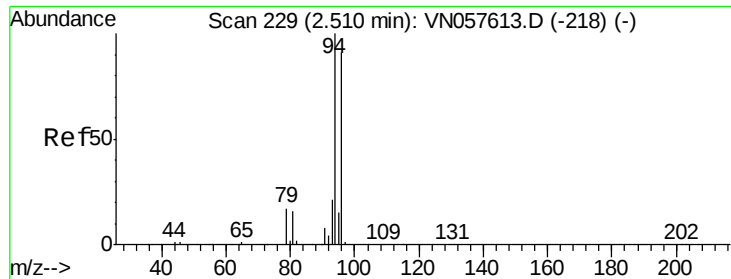
Tgt Ion: 62 Resp: 136986

Ion Ratio Lower Upper

62 100

64 31.9 25.2 37.8





#5

Bromomethane

Concen: 51.334 ug/l

RT: 2.51 min Scan# 229

Delta R.T. 0.00 min

Lab File: VN057659.D

Acq: 1 Sep 2019 21:32

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Tot Ion: 94 Resp: 84996

Ion Ratio Lower Upper

94 100

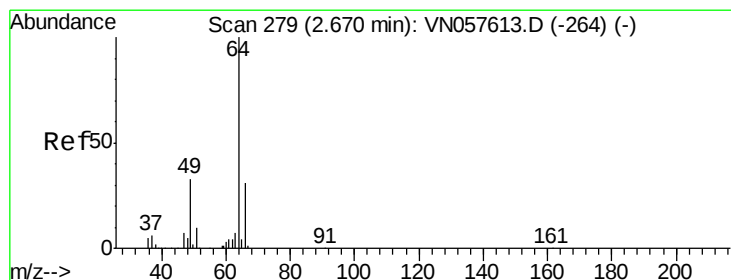
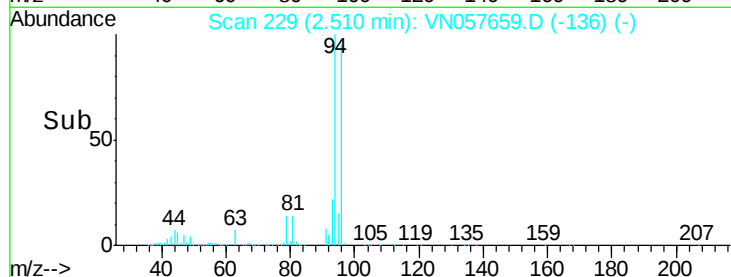
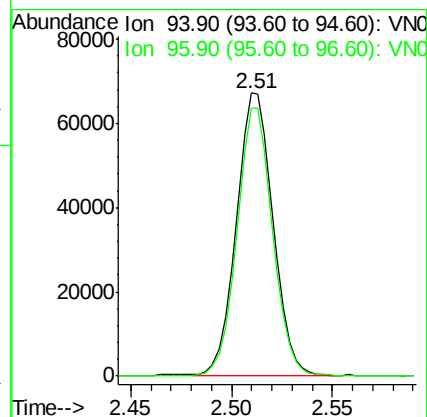
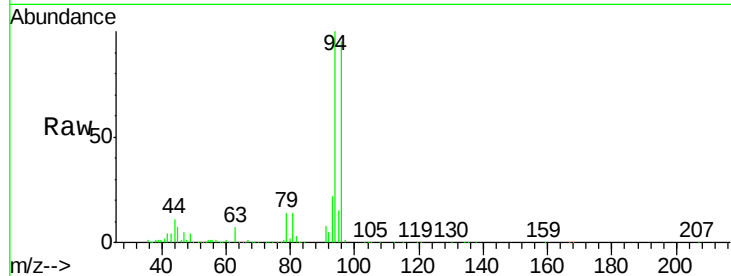
96 95.0 72.9 109.3

Manual Integrations

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#6

Chloroethane

Concen: 53.146 ug/l

RT: 2.66 min Scan# 276

Delta R.T. -0.01 min

Lab File: VN057659.D

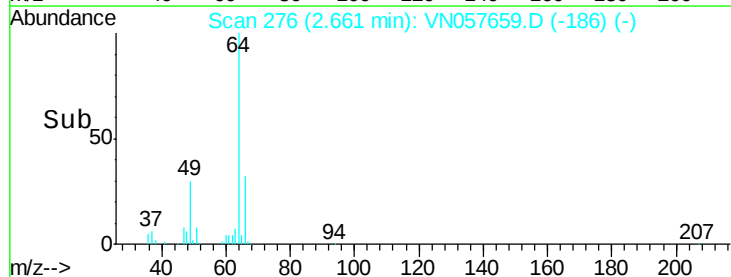
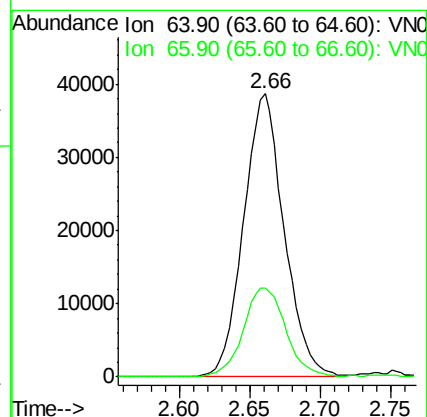
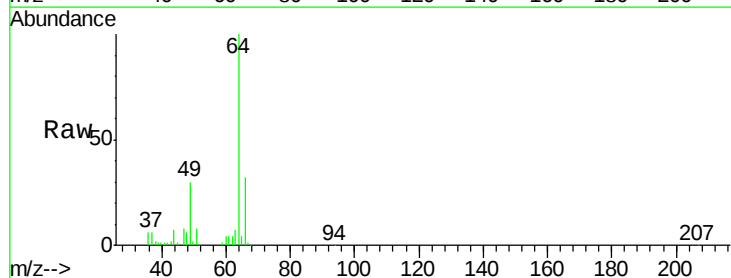
Acq: 1 Sep 2019 21:32

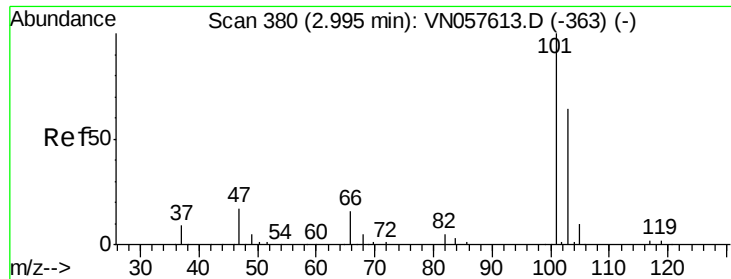
Tgt Ion: 64 Resp: 77682

Ion Ratio Lower Upper

64 100

66 31.5 24.7 37.1





#7

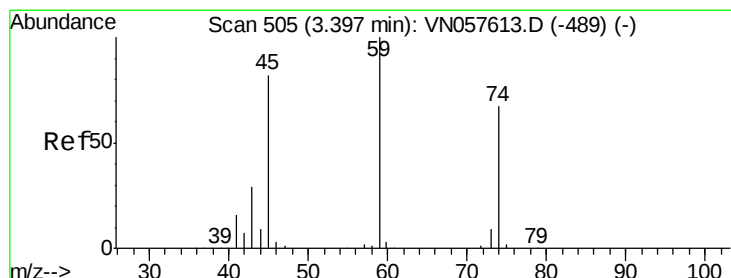
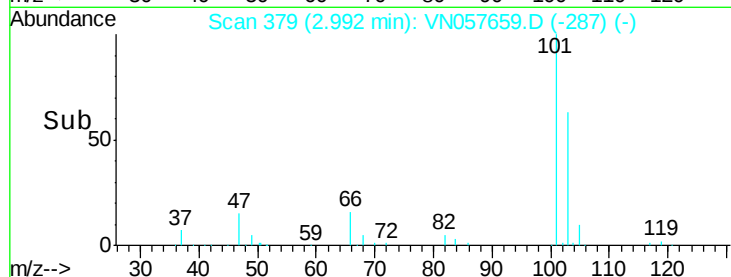
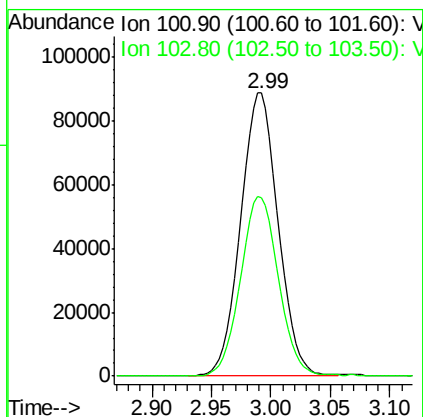
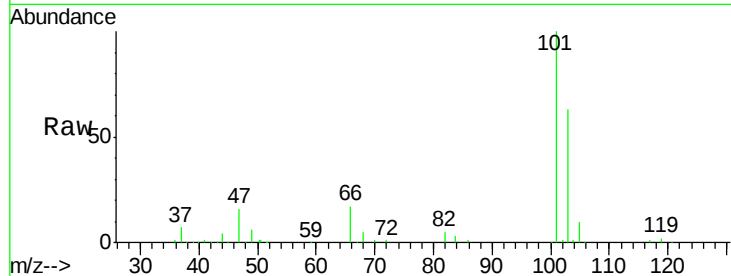
Trichlorofluoromethane
Concen: 52.793 ug/l
RT: 2.99 min Scan# 379
Delta R.T. -0.00 min
Lab File: VN057659.D
Acq: 1 Sep 2019 21:32

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.1	51.3	76.9

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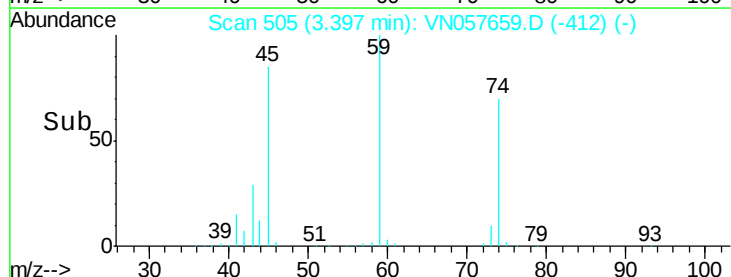
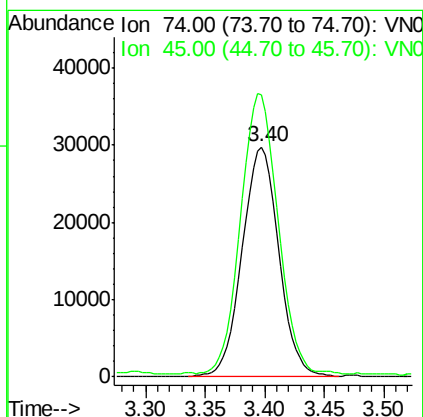
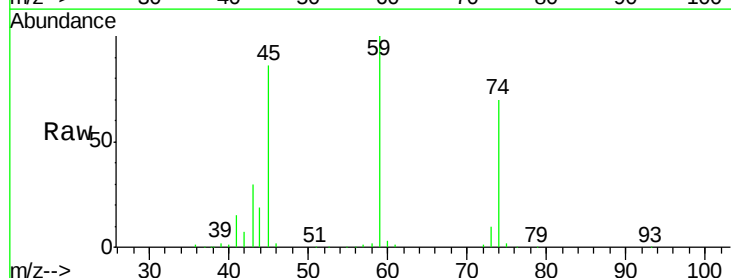
MMDadoda
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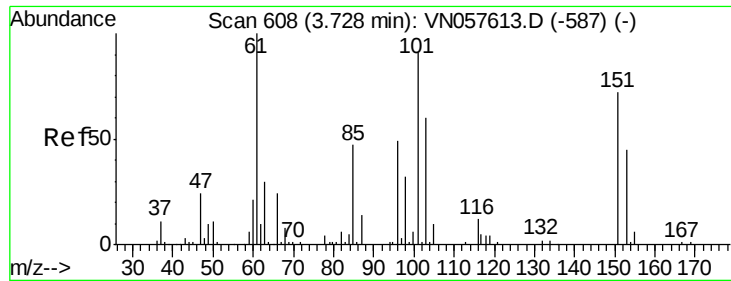


#8

Diethyl Ether
Concen: 52.301 ug/l
RT: 3.40 min Scan# 505
Delta R.T. 0.00 min
Lab File: VN057659.D
Acq: 1 Sep 2019 21:32

Tgt Ion	Ratio	Lower	Upper
74	100		
45	124.2	61.9	185.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.144 ug/l

RT: 3.73 min Scan# 608

Delta R.T. 0.00 min

Lab File: VN057659.D

Acq: 1 Sep 2019 21:32

Instrument :

MSVOA_N

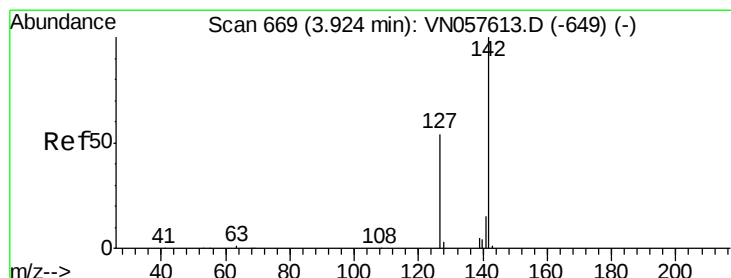
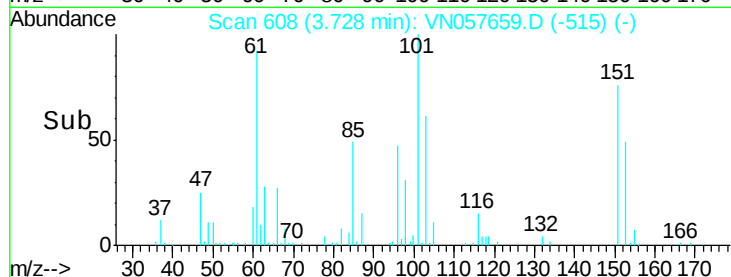
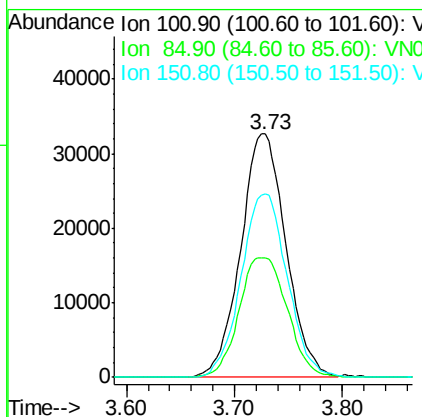
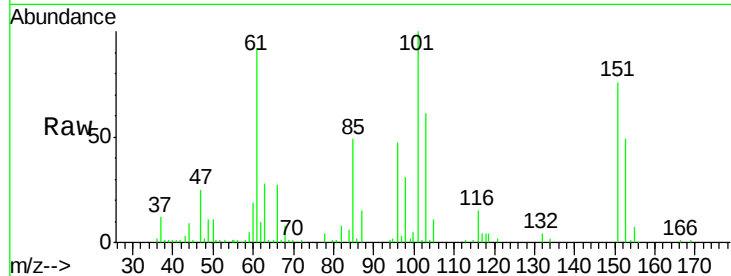
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	95242
Ion Ratio	Lower	Upper	
101	100		
85	52.1	42.1	63.1
151	76.7	60.2	90.4

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#10

Methyl Iodide

Concen: 53.957 ug/l

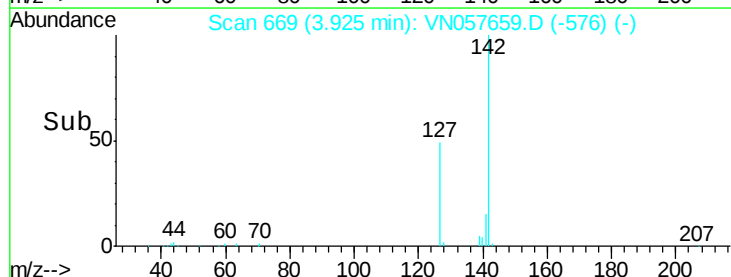
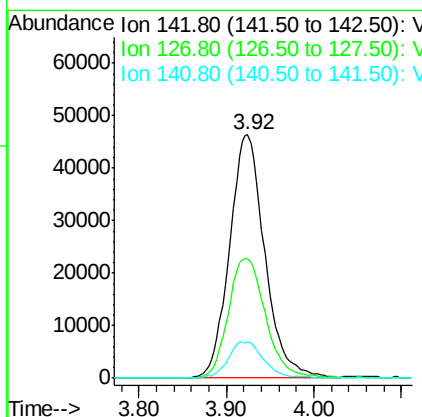
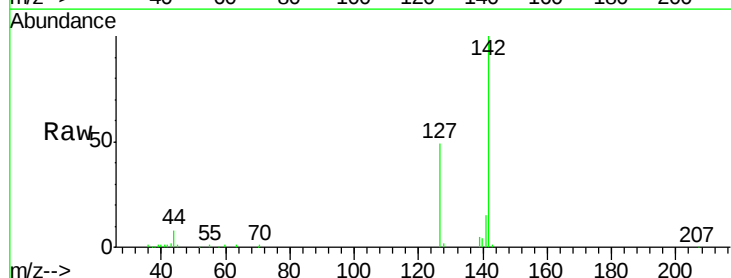
RT: 3.92 min Scan# 669

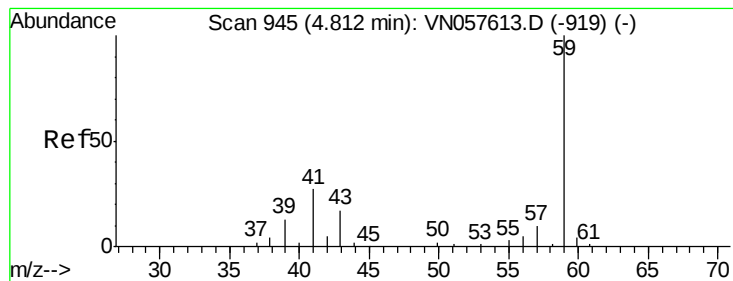
Delta R.T. 0.00 min

Lab File: VN057659.D

Acq: 1 Sep 2019 21:32

Tgt Ion:	142	Resp:	129734
Ion Ratio	Lower	Upper	
142	100		
127	51.8	43.0	64.6
141	14.8	11.4	17.2





#11

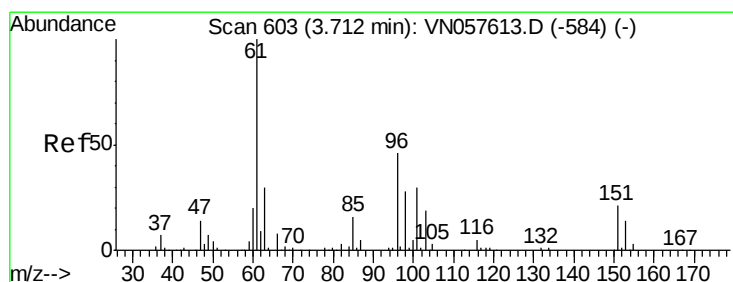
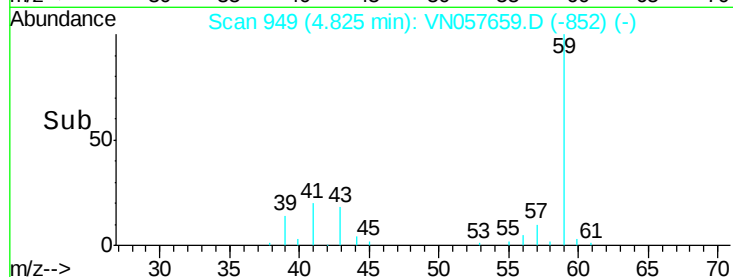
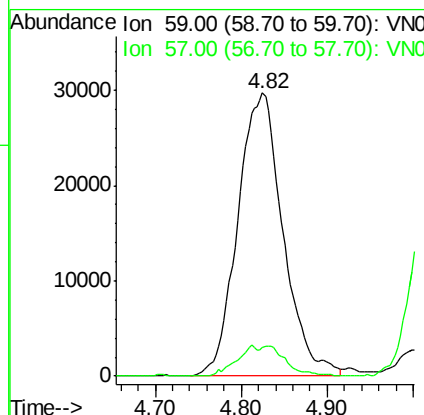
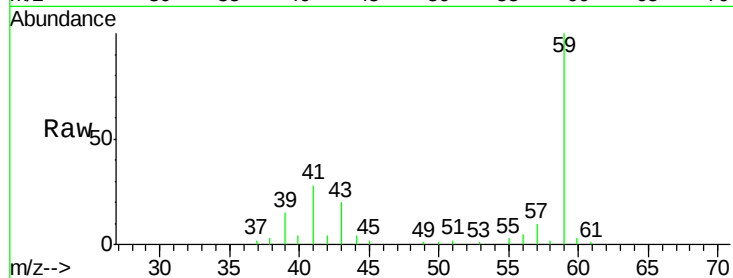
Tert butyl alcohol
 Concen: 252.601 ug/l
 RT: 4.82 min Scan# 949
 Delta R.T. 0.01 min
 Lab File: VN057659.D
 Acq: 1 Sep 2019 21:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	5.0	5.0	7.6#

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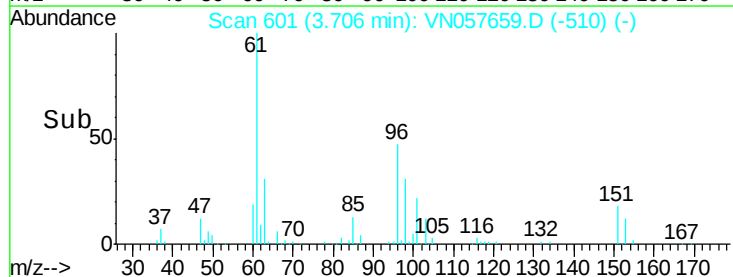
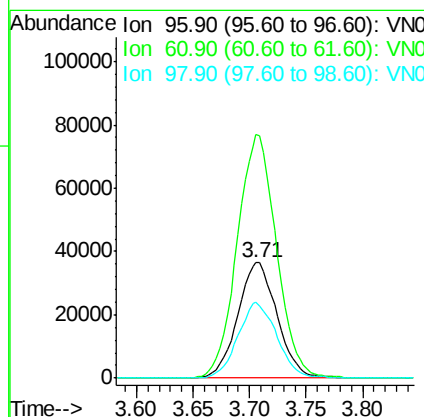
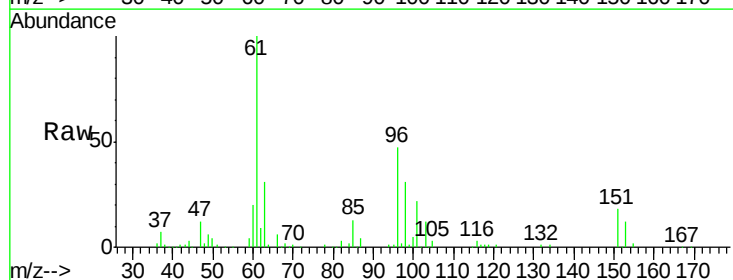
MMDadoda
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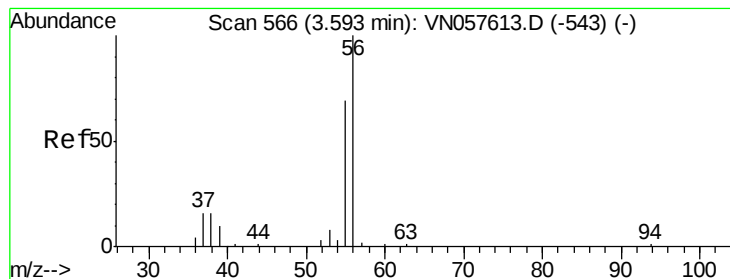


#12

1,1-Dichloroethene
 Concen: 52.325 ug/l
 RT: 3.71 min Scan# 601
 Delta R.T. -0.01 min
 Lab File: VN057659.D
 Acq: 1 Sep 2019 21:32

Tgt Ion	Ratio	Lower	Upper
96	100		
61	210.4	172.1	258.1
98	66.2	48.3	72.5





#13

Acrolein

Concen: 214.568 ug/l

RT: 3.59 min Scan# 566

Delta R.T. 0.00 min

Lab File: VN057659.D

Acq: 1 Sep 2019 21:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 36633

Ion Ratio Lower Upper

56 100

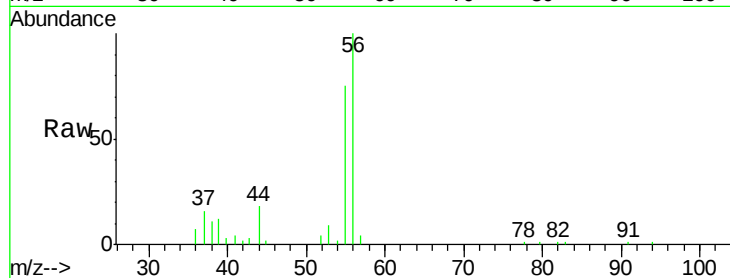
55 76.8 56.5 84.7

Manual Integrations

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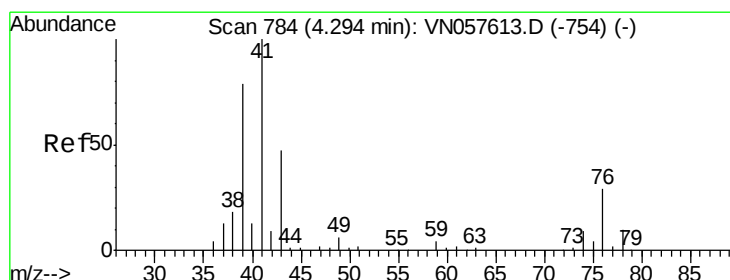
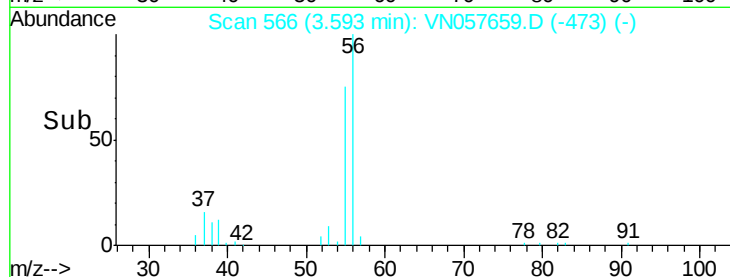
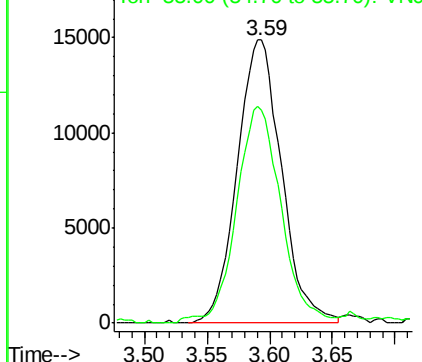
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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 48.230 ug/l

RT: 4.29 min Scan# 783

Delta R.T. -0.00 min

Lab File: VN057659.D

Acq: 1 Sep 2019 21:32

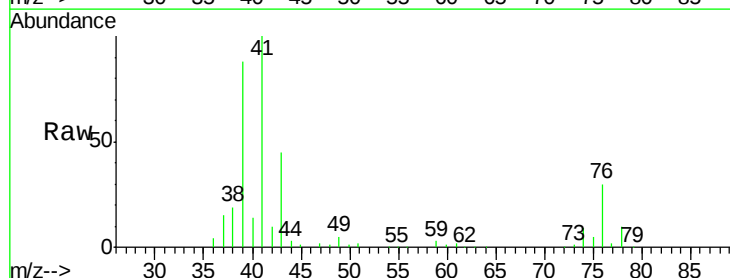
Tgt Ion: 41 Resp: 253994

Ion Ratio Lower Upper

41 100

39 81.6 60.9 91.3

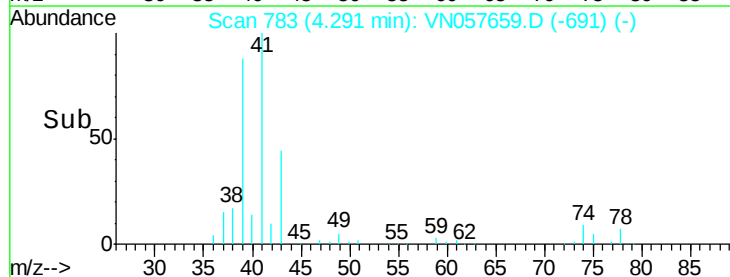
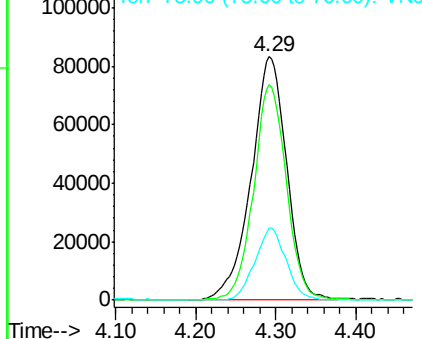
76 26.0 21.1 31.7

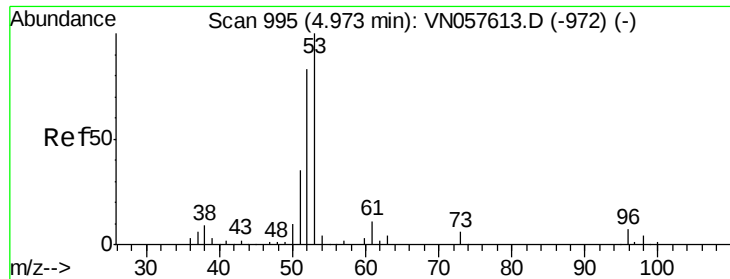


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 259.501 ug/l

RT: 4.98 min Scan# 996

Delta R.T. 0.00 min

Lab File: VN057659.D

Acq: 1 Sep 2019 21:32

Instrument :

MSVOA_N

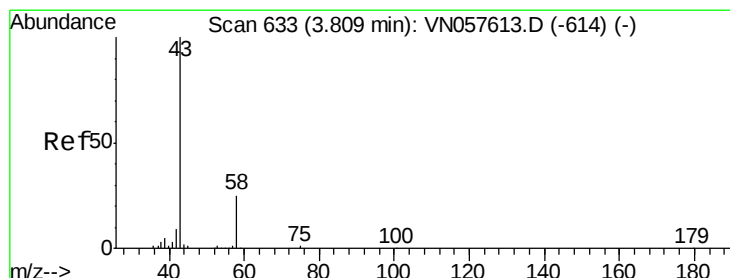
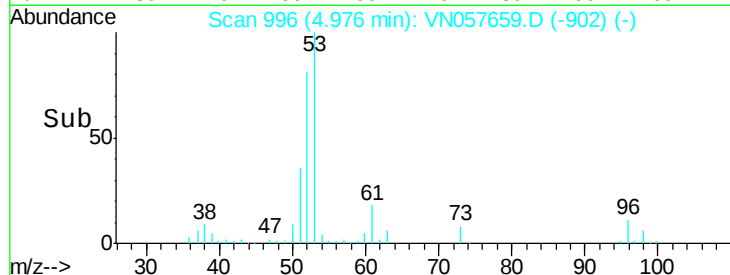
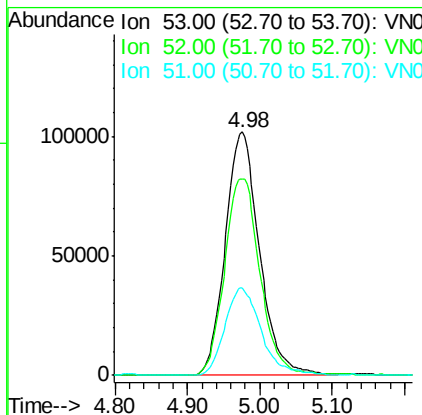
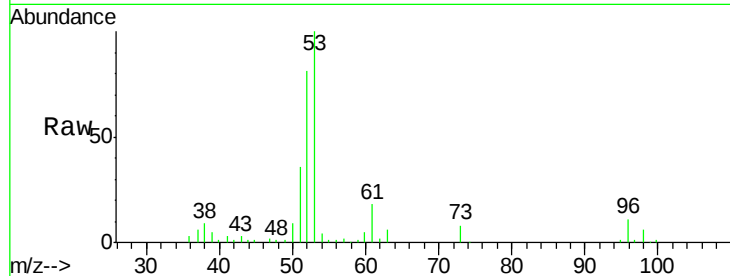
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	334357
Ion	Ratio	Lower	Upper
53	100		
52	83.5	67.1	100.7
51	38.2	30.2	45.4

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#16

Acetone

Concen: 222.461 ug/l

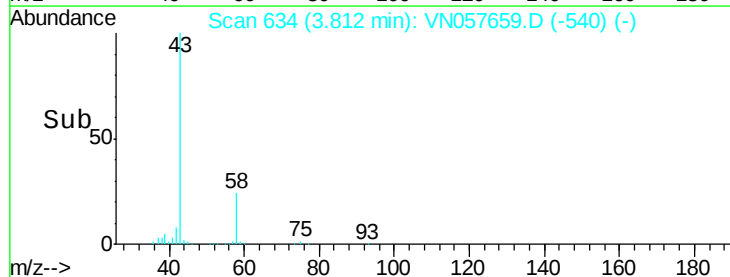
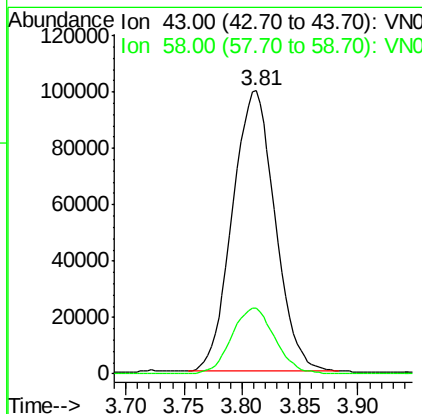
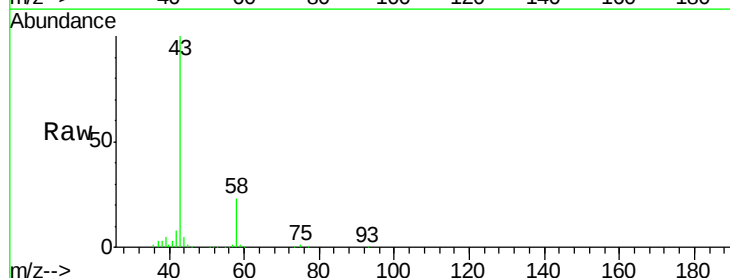
RT: 3.81 min Scan# 634

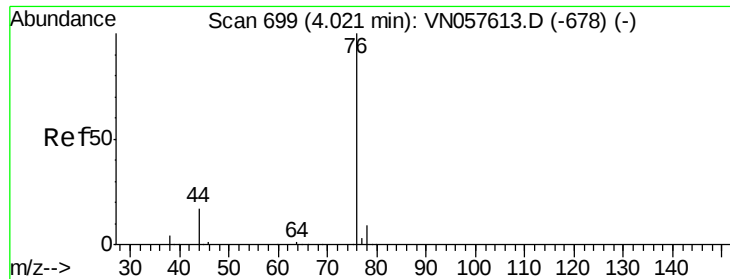
Delta R.T. 0.00 min

Lab File: VN057659.D

Acq: 1 Sep 2019 21:32

Tgt Ion:	43	Resp:	255240
Ion	Ratio	Lower	Upper
43	100		
58	23.4	20.0	30.0





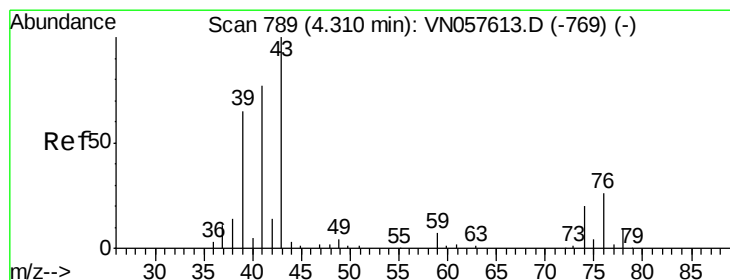
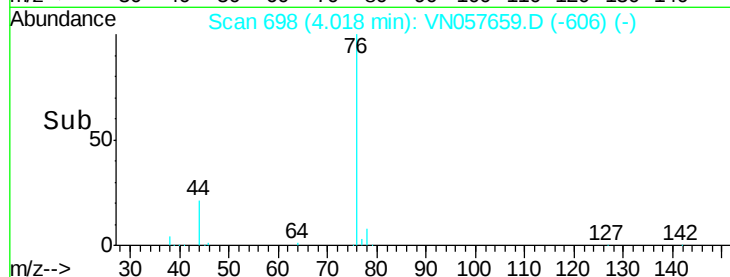
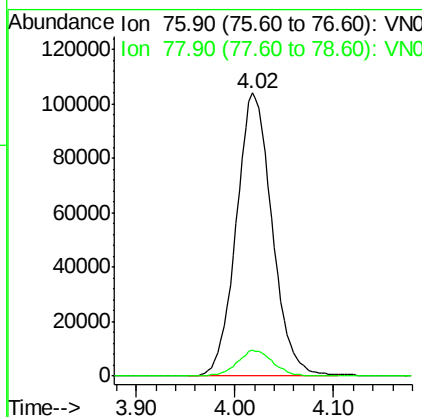
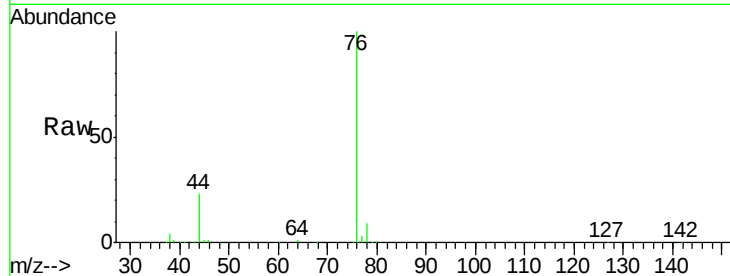
#17
Carbon Disulfide
Concen: 47.976 ug/l
RT: 4.02 min Scan# 698
Delta R.T. -0.00 min
Lab File: VN057659.D
Acq: 1 Sep 2019 21:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	6.9	10.3

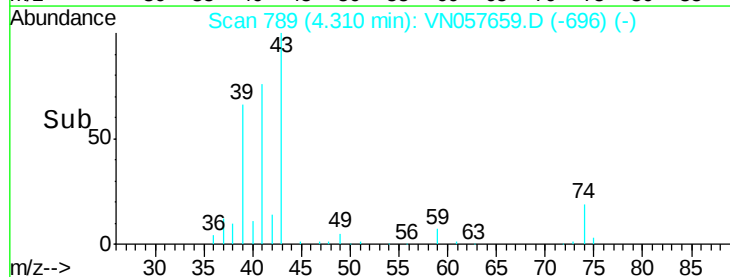
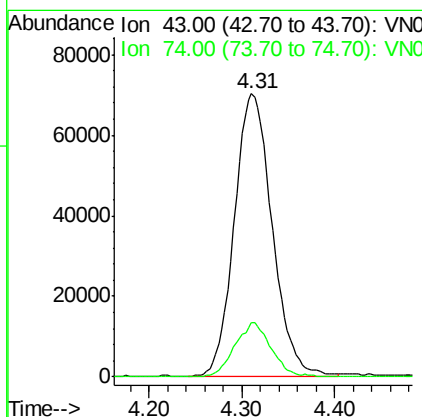
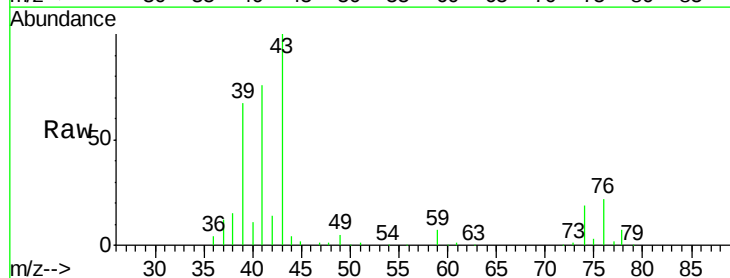
Manual Integrations
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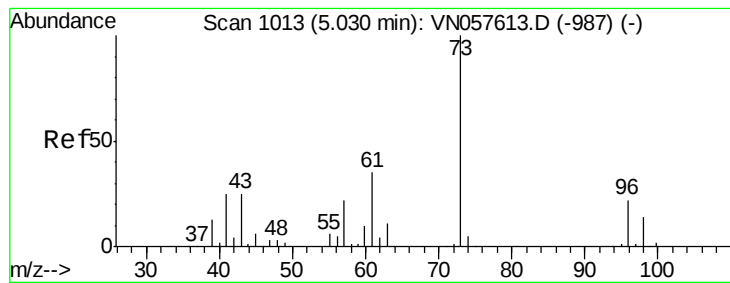
MMDadoda
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#18
Methyl Acetate
Concen: 50.143 ug/l
RT: 4.31 min Scan# 789
Delta R.T. 0.00 min
Lab File: VN057659.D
Acq: 1 Sep 2019 21:32

Tgt Ion	Ratio	Lower	Upper
43	100		
74	18.6	15.7	23.5





#19

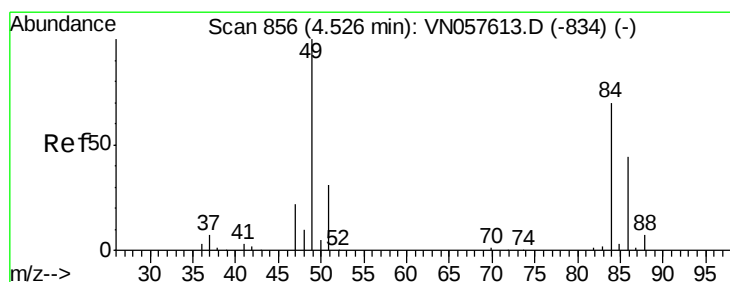
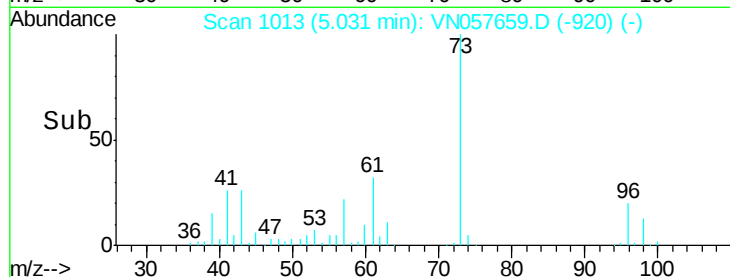
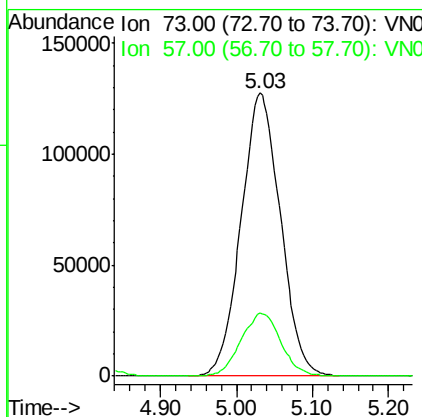
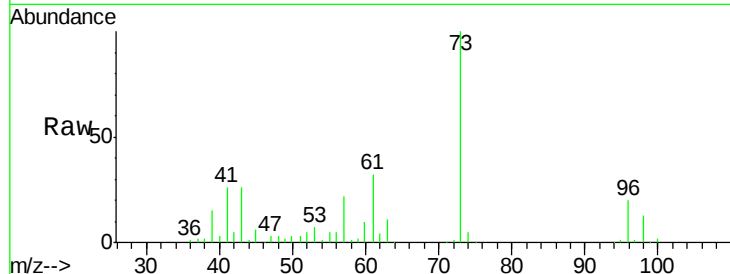
Methyl tert-butyl Ether
 Concen: 52.630 ug/l
 RT: 5.03 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VN057659.D
 Acq: 1 Sep 2019 21:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.4	17.3	25.9

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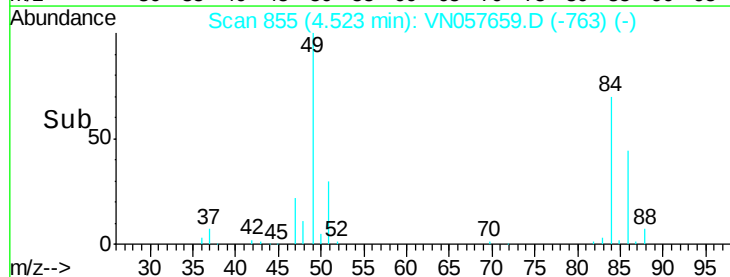
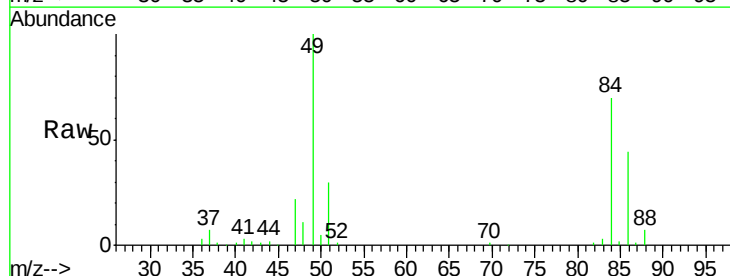
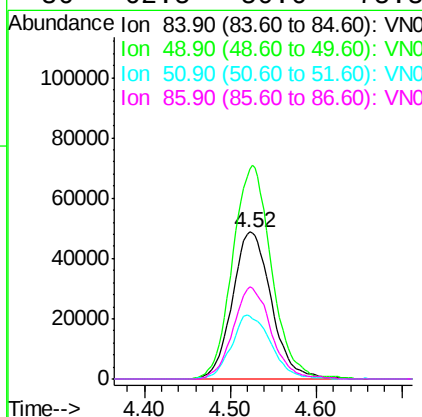
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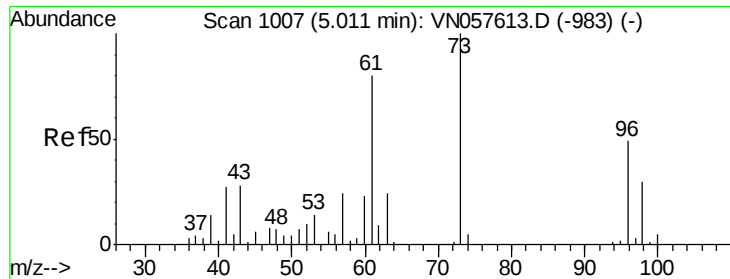


#20

Methylene Chloride
 Concen: 53.960 ug/l
 RT: 4.52 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: VN057659.D
 Acq: 1 Sep 2019 21:32

Tgt Ion	Ratio	Lower	Upper
84	100		
49	143.2	113.8	170.6
51	43.1	35.0	52.6
86	62.5	50.6	75.8





#21

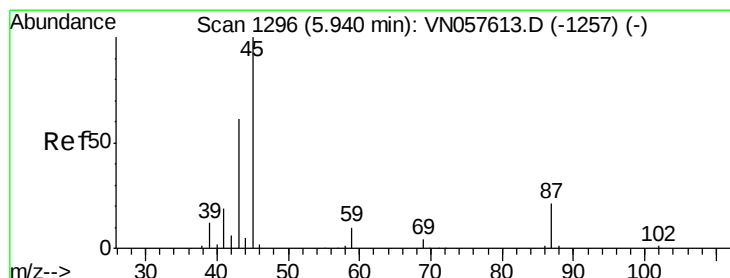
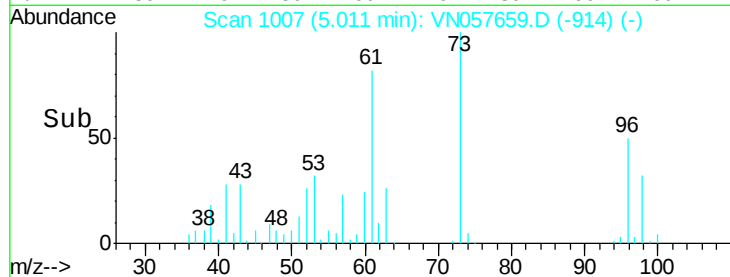
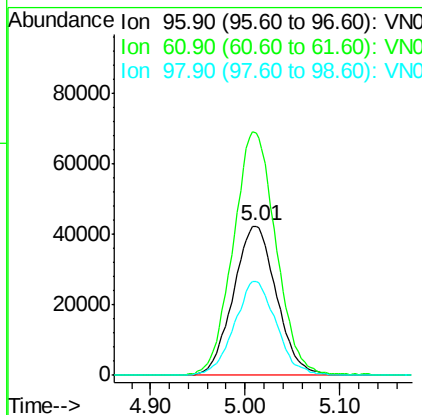
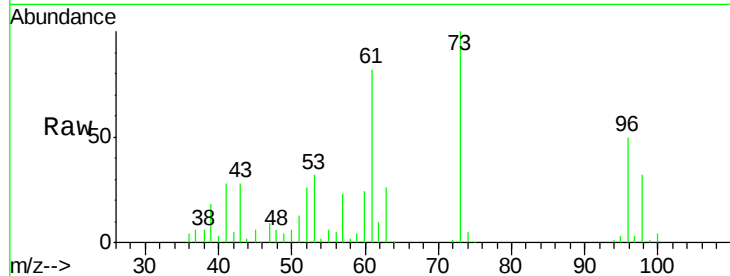
trans-1,2-Dichloroethene
Concen: 53.236 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: VN057659.D
Acq: 1 Sep 2019 21:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	162.0	131.6	197.4
98	63.2	49.9	74.9

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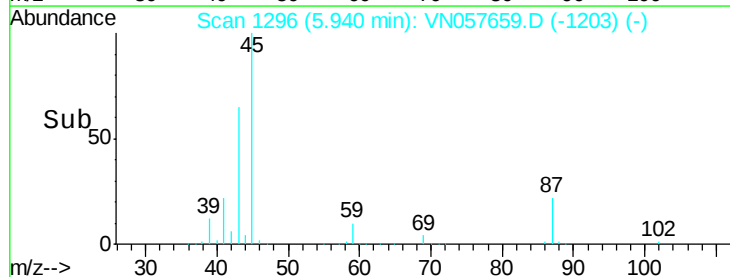
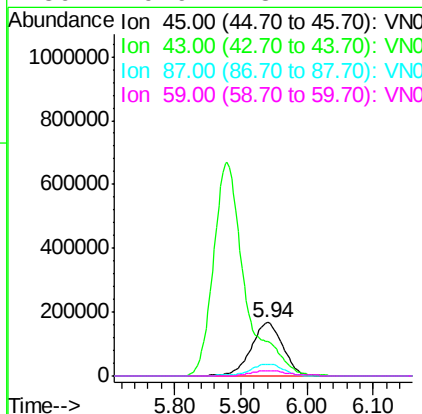
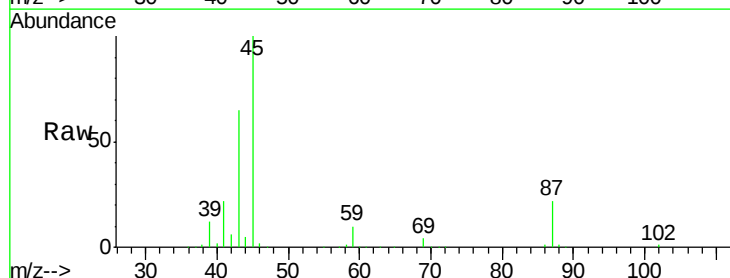
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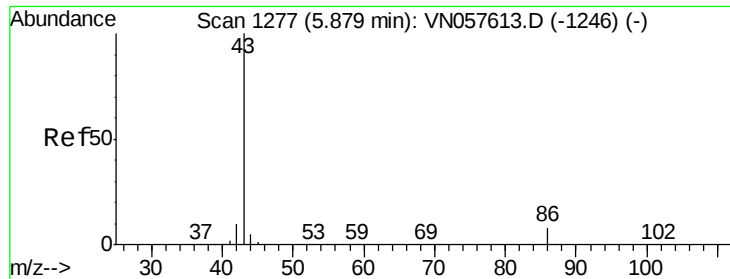


#22

Diisopropyl ether
Concen: 51.741 ug/l
RT: 5.94 min Scan# 1296
Delta R.T. 0.00 min
Lab File: VN057659.D
Acq: 1 Sep 2019 21:32

Tgt Ion	Ratio	Lower	Upper
45	100		
43	64.2	49.1	73.7
87	22.0	17.0	25.6
59	9.9	8.2	12.2





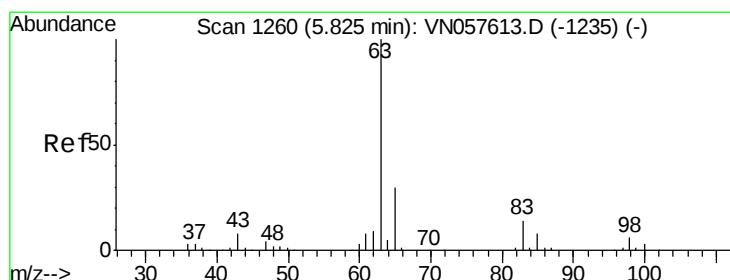
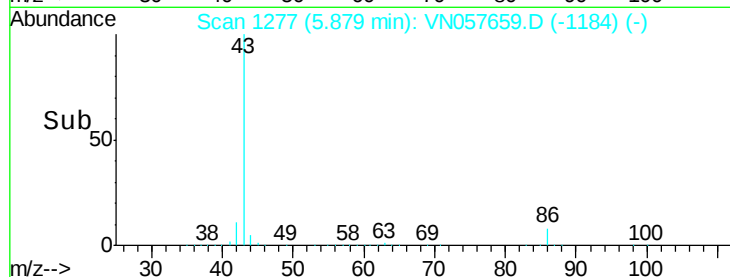
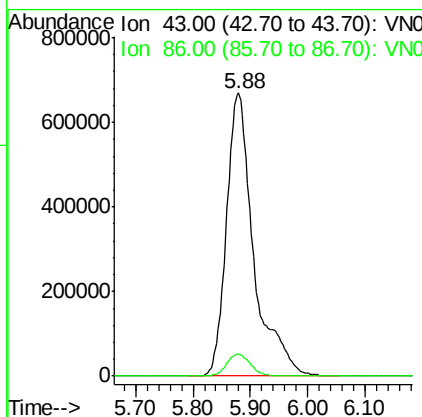
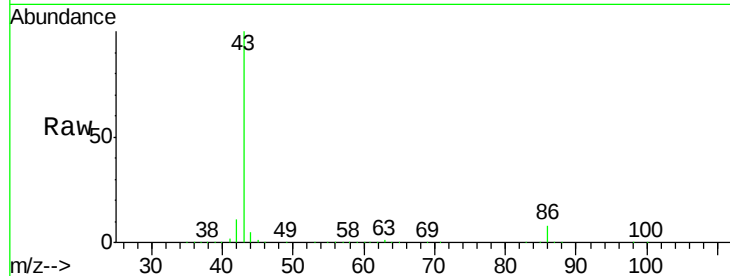
#23
 Vinyl Acetate
 Concen: 266.093 ug/l
 RT: 5.88 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VN057659.D
 Acq: 1 Sep 2019 21:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 2213920
 Ion Ratio Lower Upper
 43 100
 86 7.7 6.1 9.1

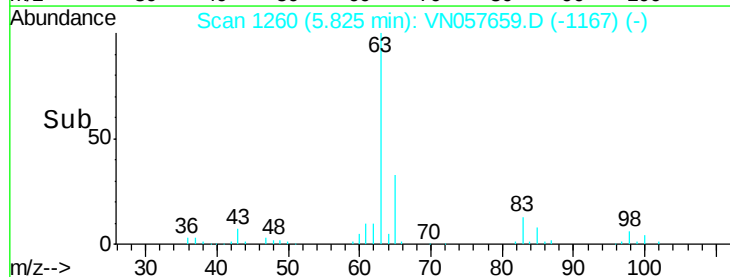
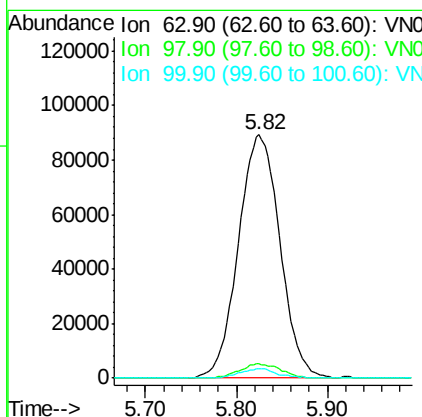
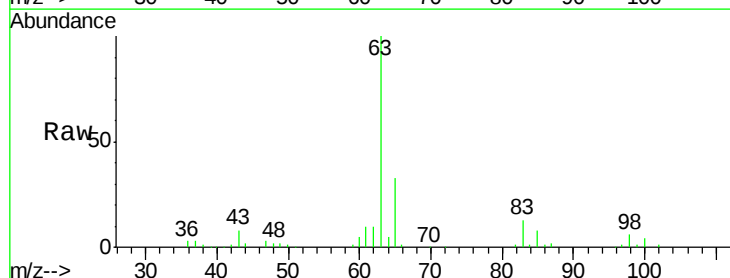
Manual Integrations
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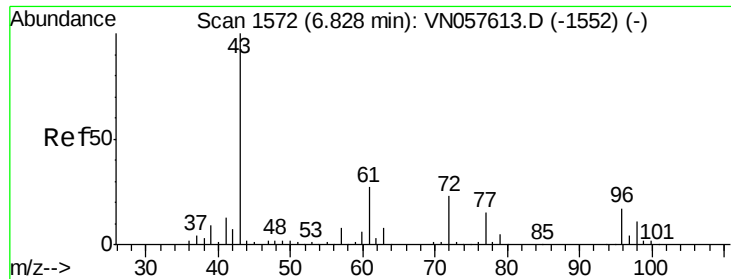
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 52.112 ug/l
 RT: 5.82 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: VN057659.D
 Acq: 1 Sep 2019 21:32

Tgt Ion: 63 Resp: 283196
 Ion Ratio Lower Upper
 63 100
 98 5.8 2.8 8.4
 100 3.8 1.5 4.5





#25

2-Butanone

Concen: 247.490 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN057659.D

Acq: 1 Sep 2019 21:32

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050EC

Tot Ion: 43 Resp: 473159

Ion Ratio Lower Upper

43 100

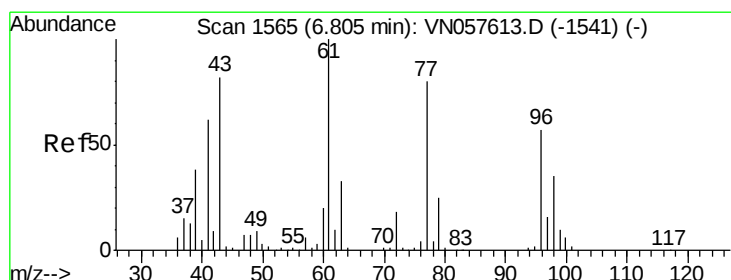
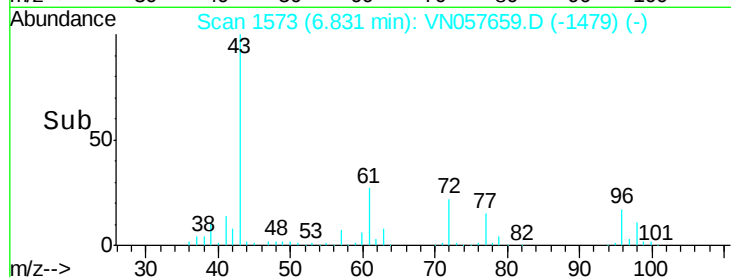
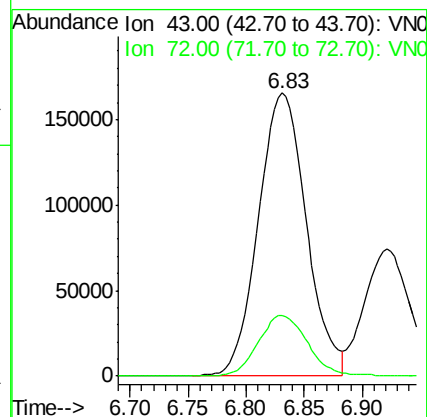
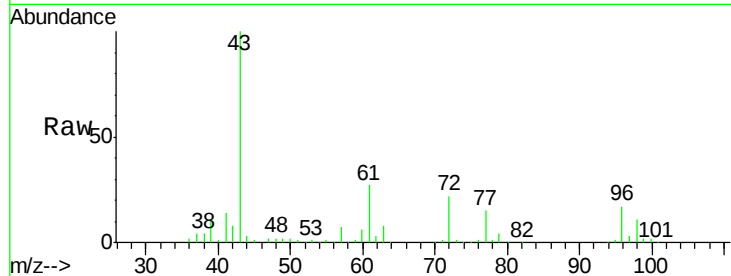
72 21.6 18.2 27.4

Manual Integrations

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MMDadoda

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#26

2,2-Dichloropropane

Concen: 41.113 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. 0.00 min

Lab File: VN057659.D

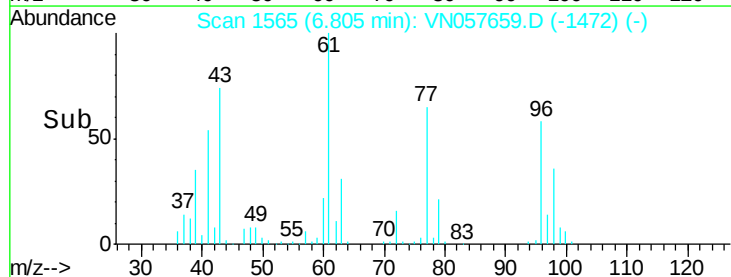
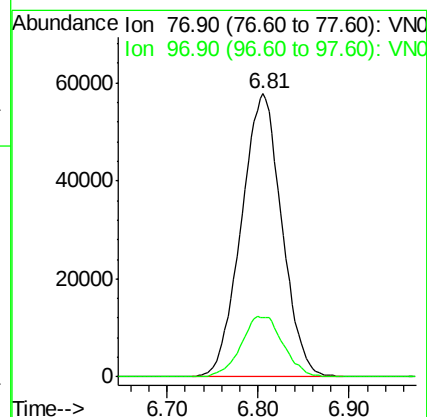
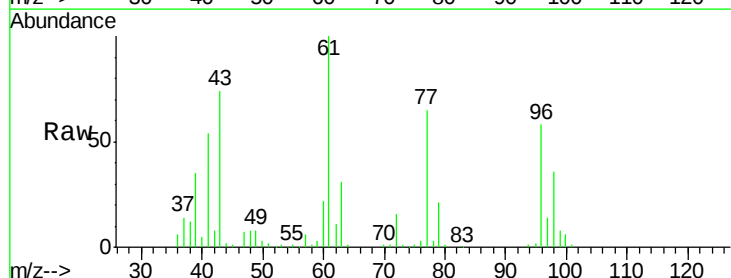
Acq: 1 Sep 2019 21:32

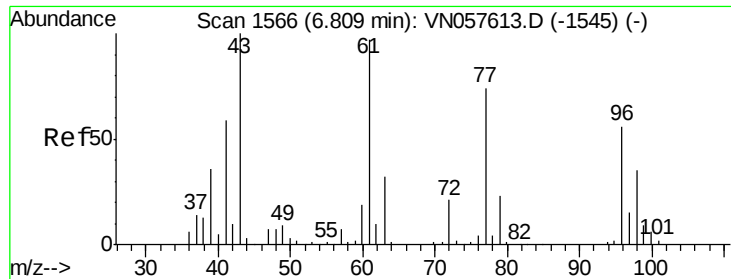
Tgt Ion: 77 Resp: 178582

Ion Ratio Lower Upper

77 100

97 22.0 10.6 31.8





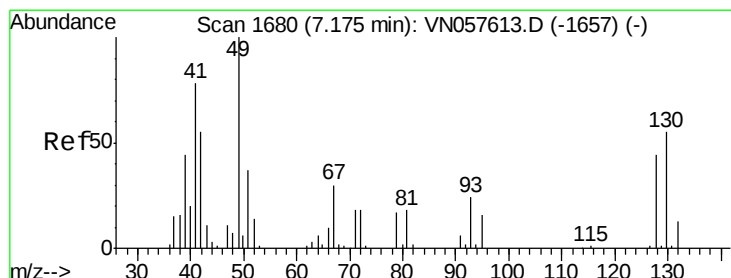
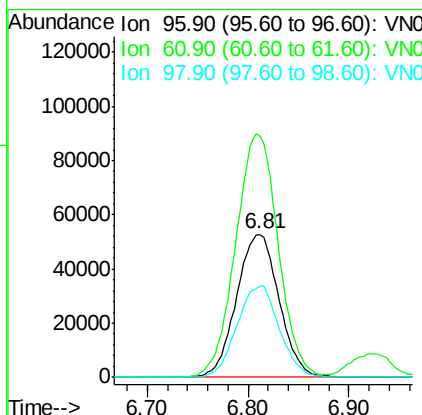
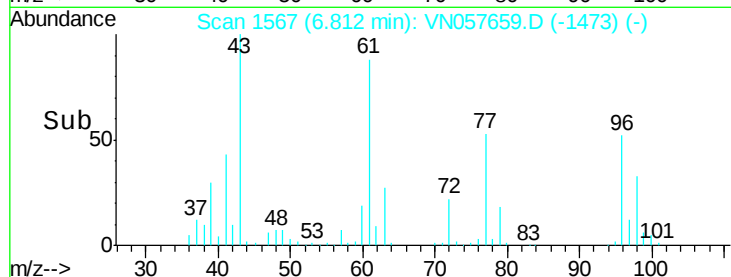
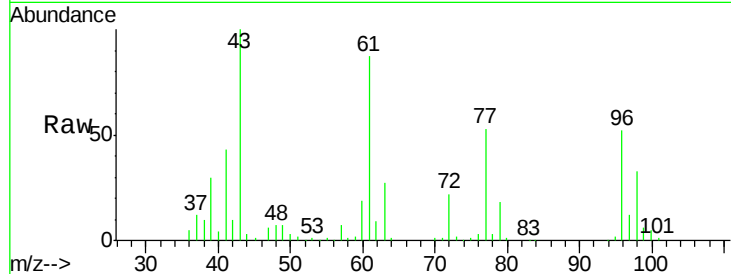
#27
 cis-1,2-Dichloroethene
 Concen: 51.520 ug/l
 RT: 6.81 min Scan# 1567
 Delta R.T. 0.00 min
 Lab File: VN057659.D
 Acq: 1 Sep 2019 21:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	154401		
61	170.3	0.0	344.6	
98	63.4	0.0	124.8	

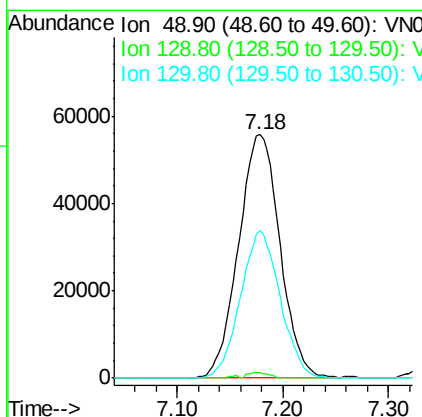
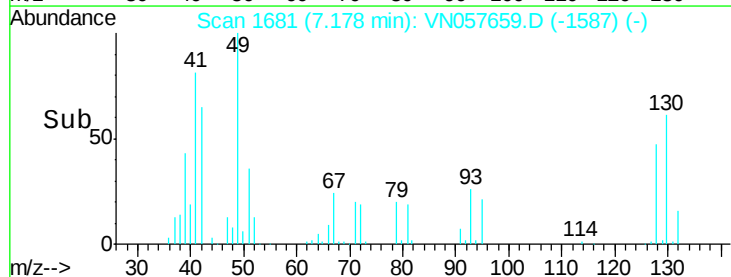
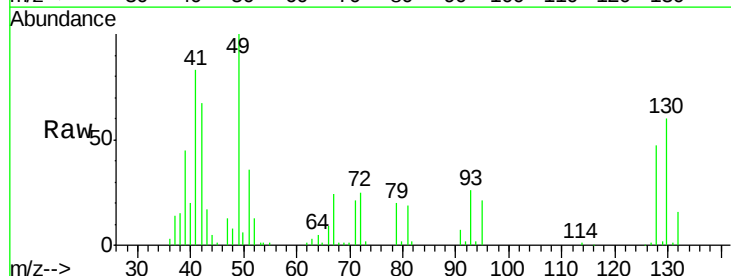
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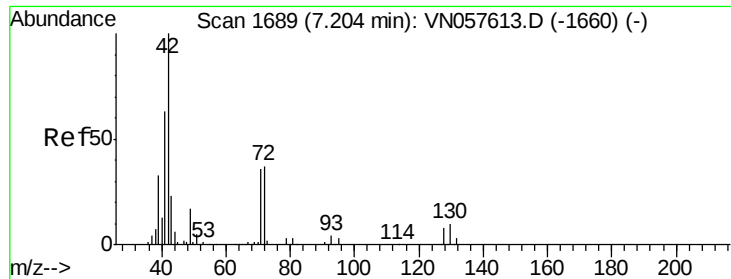
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#28
 Bromochloromethane
 Concen: 52.637 ug/l
 RT: 7.18 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: VN057659.D
 Acq: 1 Sep 2019 21:32

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	152328		
129	1.1	0.0	1.8	
130	57.8	45.8	68.8	





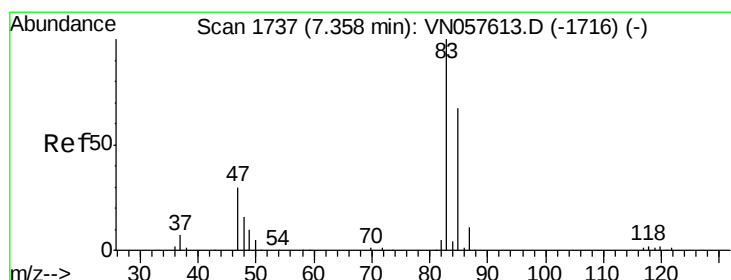
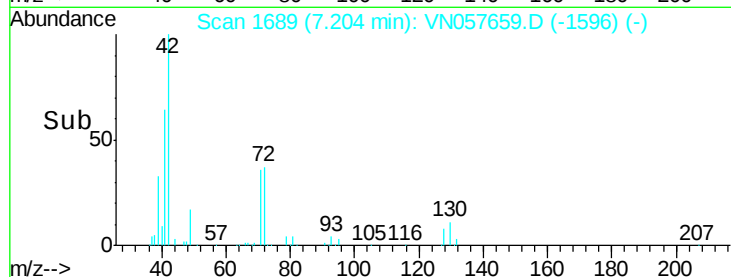
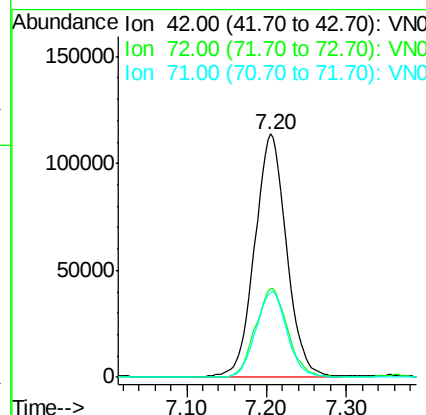
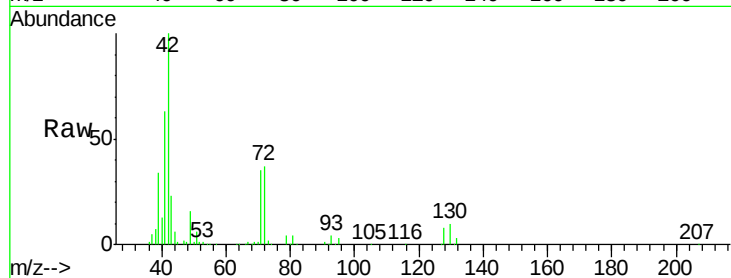
#29
Tetrahydrofuran
Concen: 259.572 ug/l
RT: 7.20 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VN057659.D
Acq: 1 Sep 2019 21:32

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	36.8	29.6	44.4
71	34.2	27.9	41.9

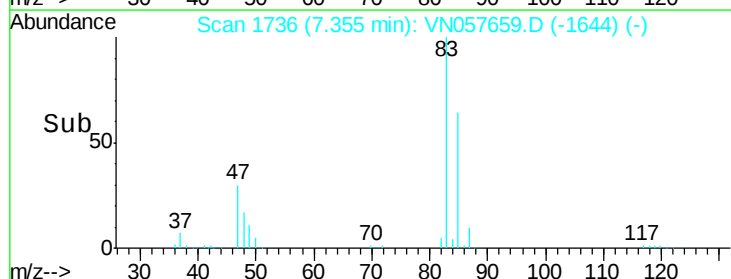
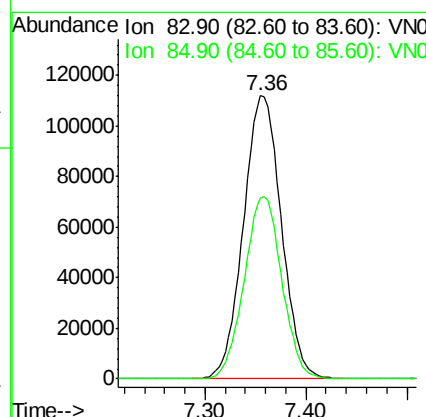
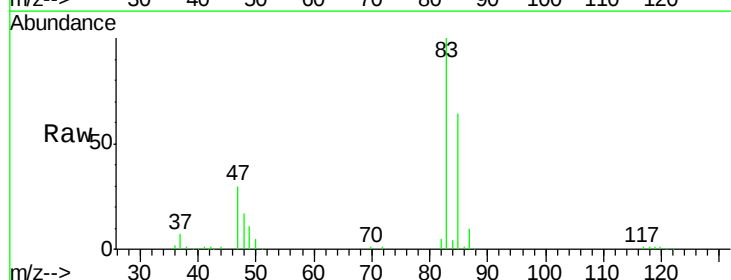
Manual Integrations
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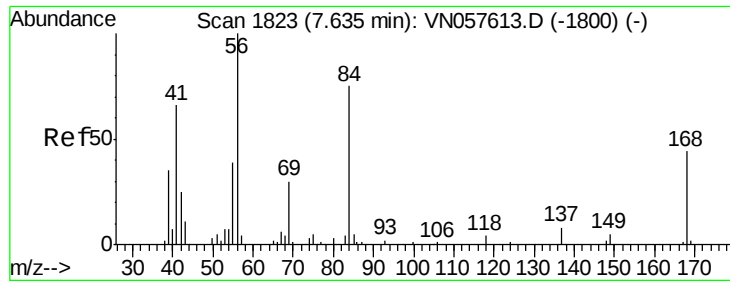
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#30
Chloroform
Concen: 53.049 ug/l
RT: 7.36 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VN057659.D
Acq: 1 Sep 2019 21:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	53.2	79.8





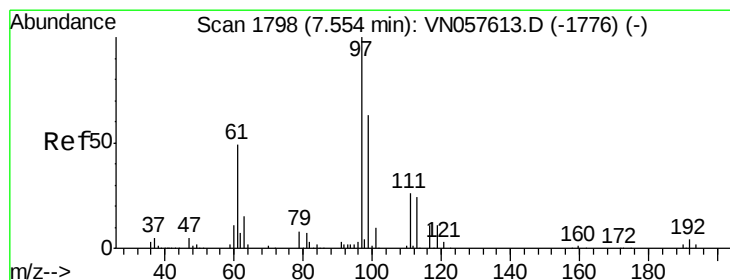
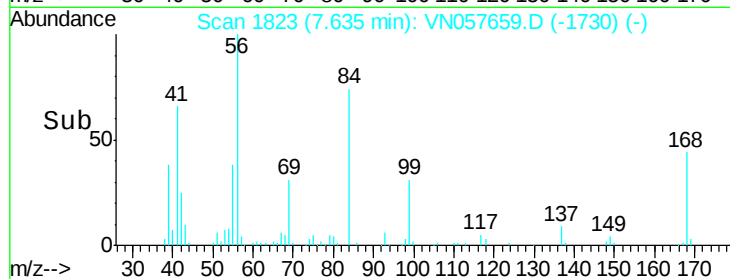
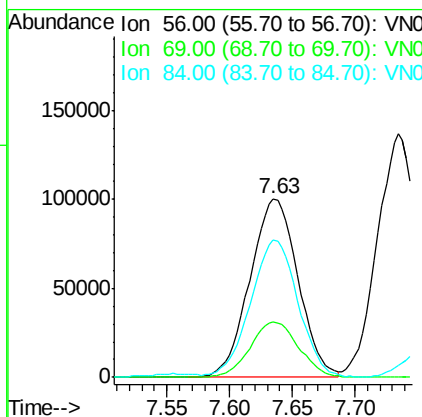
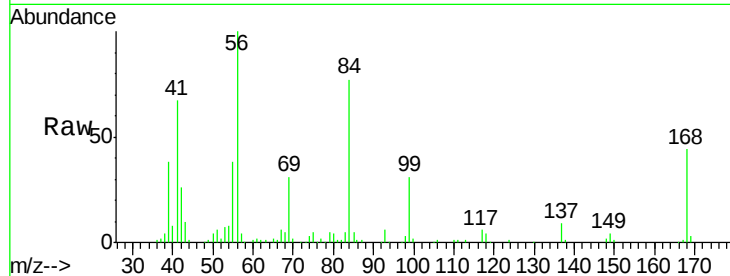
#31
Cyclohexane
Concen: 49.310 ug/l
RT: 7.63 min Scan# 1823
Delta R.T. 0.00 min
Lab File: VN057659.D
Acq: 1 Sep 2019 21:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	30.8	24.4	36.6	
84	75.1	59.9	89.9	

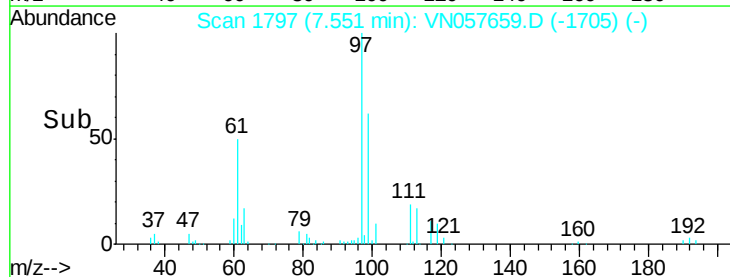
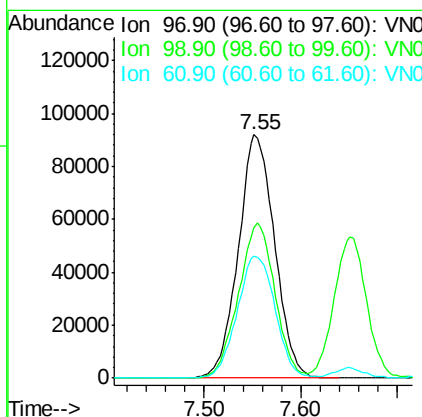
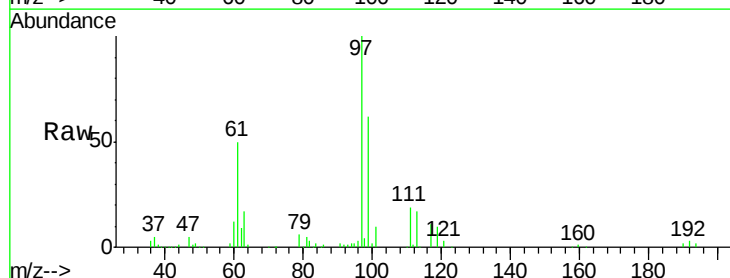
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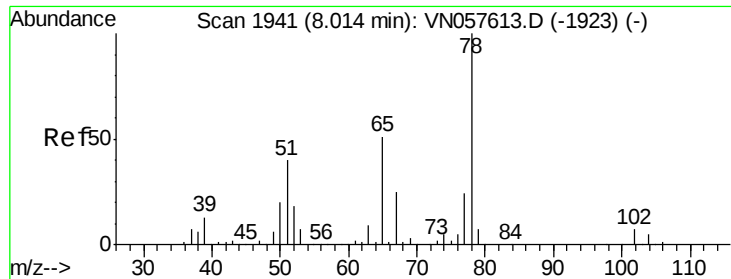
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#32
1,1,1-Trichloroethane
Concen: 53.002 ug/l
RT: 7.55 min Scan# 1797
Delta R.T. -0.00 min
Lab File: VN057659.D
Acq: 1 Sep 2019 21:32

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	64.0	50.6	75.8	
61	52.5	41.1	61.7	





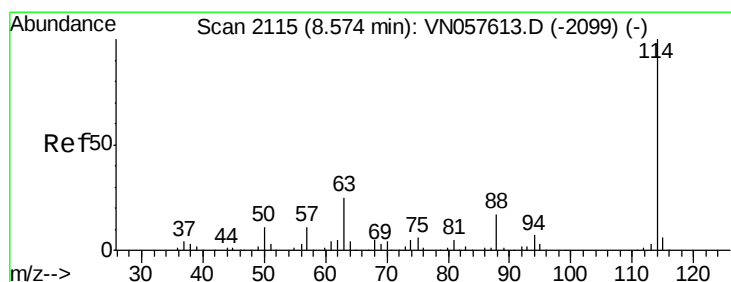
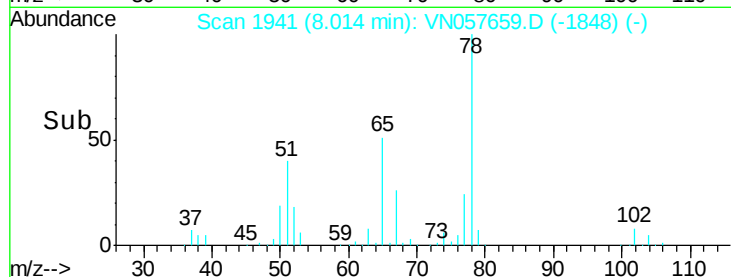
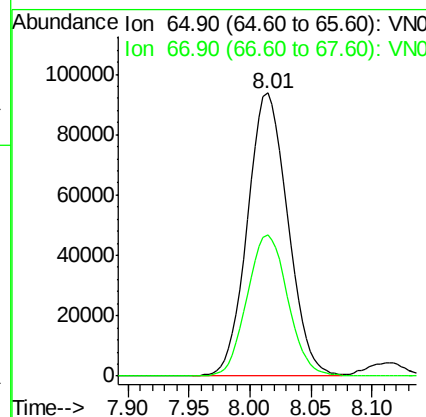
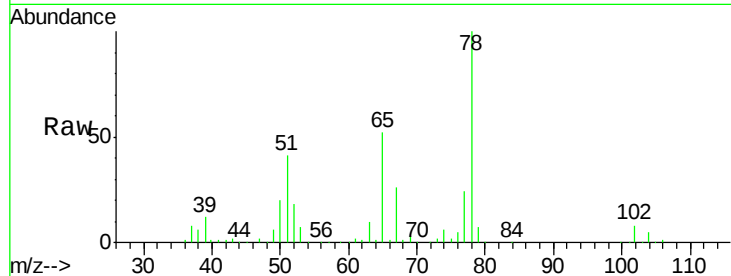
#33
 1,2-Dichloroethane-d4
 Concen: 52.447 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN057659.D
 Acq: 1 Sep 2019 21:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	214716		
67	50.6	0.0	102.2	

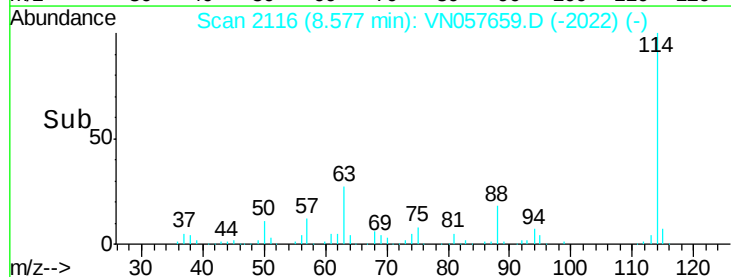
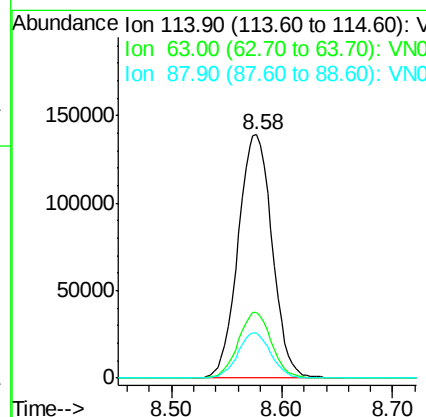
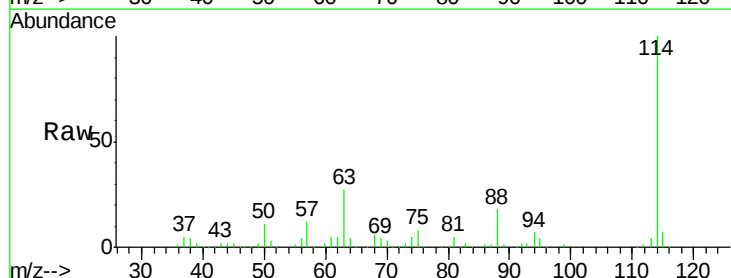
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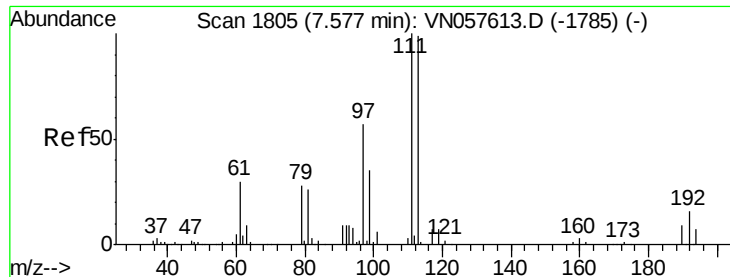
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057659.D
 Acq: 1 Sep 2019 21:32

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	298055		
63	26.9	0.0	49.0	
88	18.4	0.0	33.0	





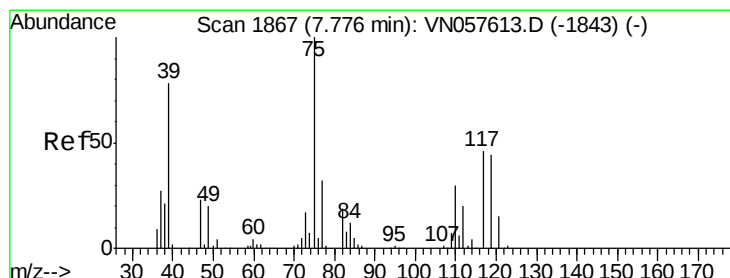
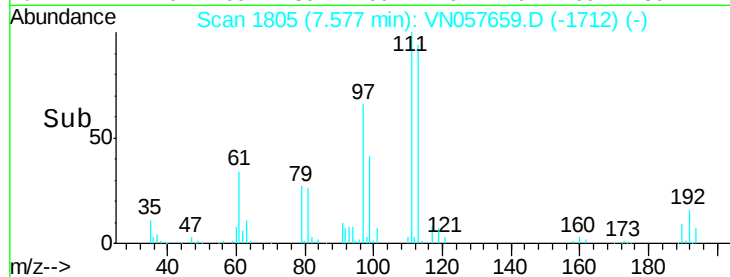
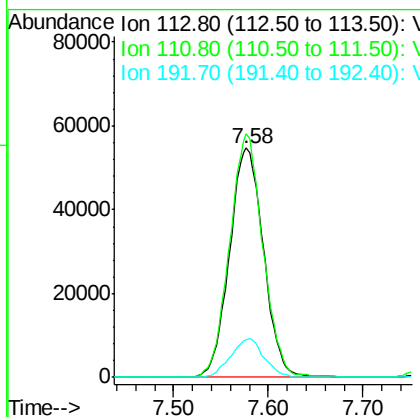
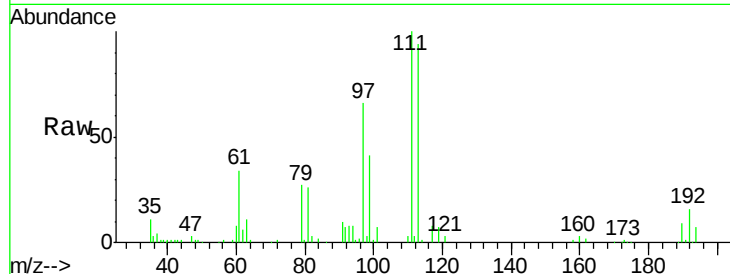
#35
 Dibromofluoromethane
 Concen: 52.521 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057659.D
 Acq: 1 Sep 2019 21:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	136705		
111	104.3	81.3	121.9	
192	16.5	13.5	20.3	

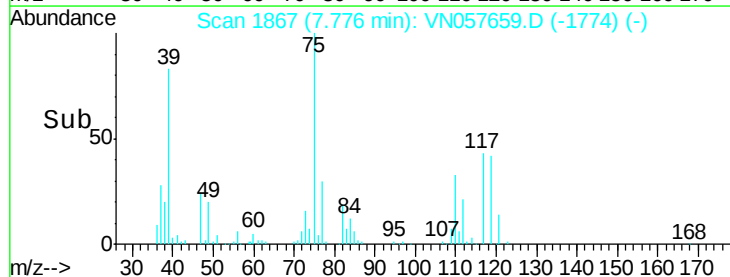
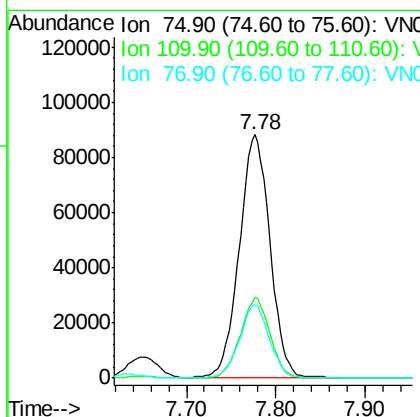
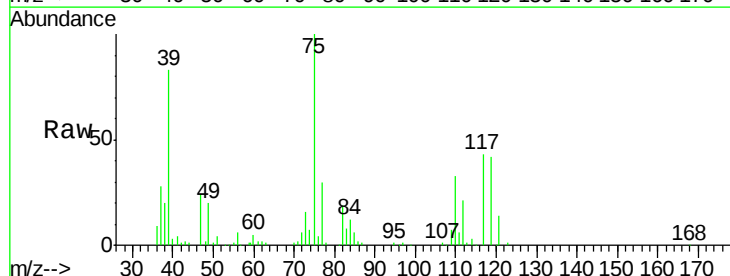
Manual Integrations
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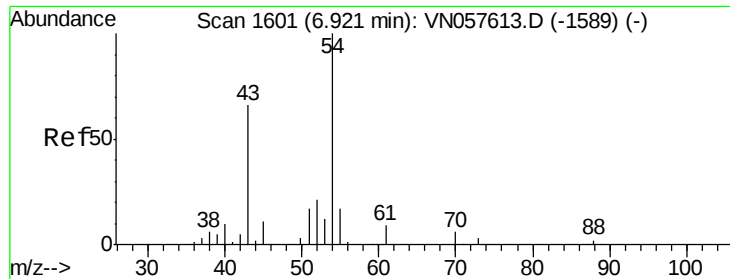
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#36
 1,1-Dichloropropene
 Concen: 53.065 ug/l
 RT: 7.78 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN057659.D
 Acq: 1 Sep 2019 21:32

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	209692		
110	32.1	15.6	46.8	
77	29.8	24.9	37.3	





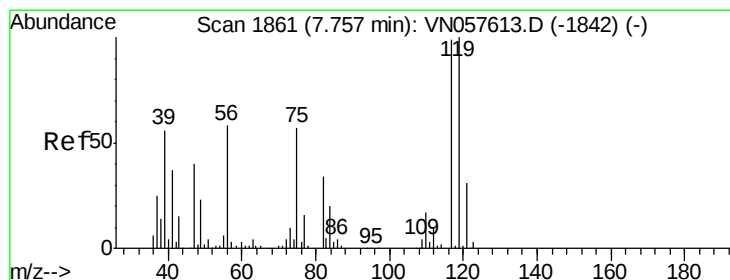
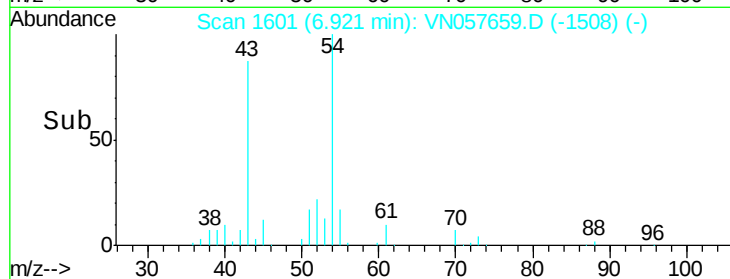
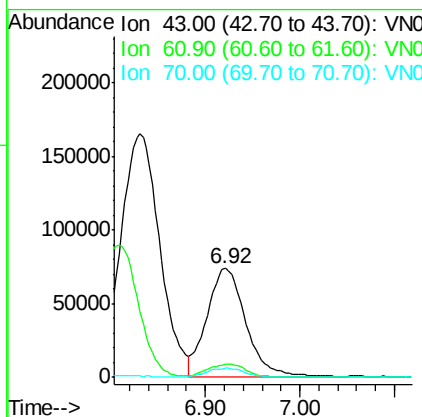
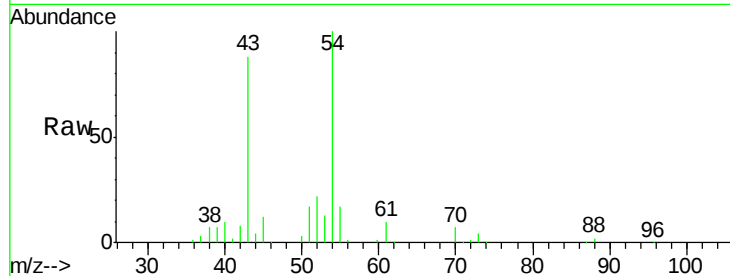
#37
Ethyl Acetate
Concen: 55.292 ug/l
RT: 6.92 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VN057659.D
Acq: 1 Sep 2019 21:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.6	10.1	15.1
70	8.4	6.8	10.2

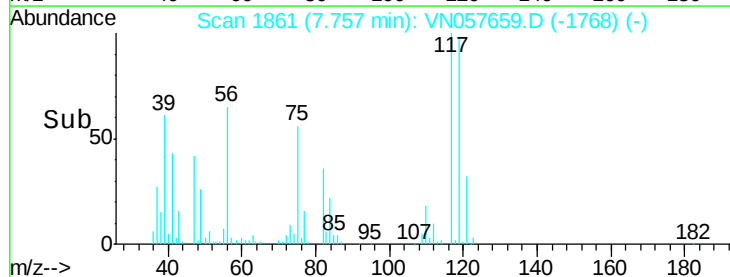
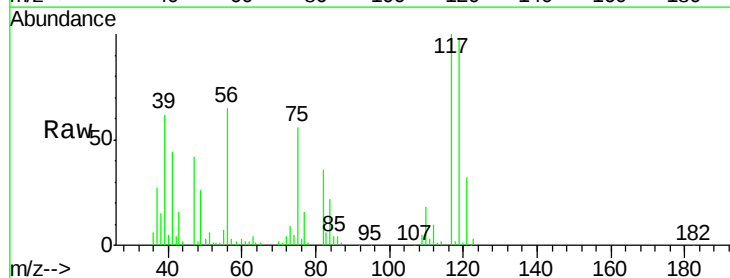
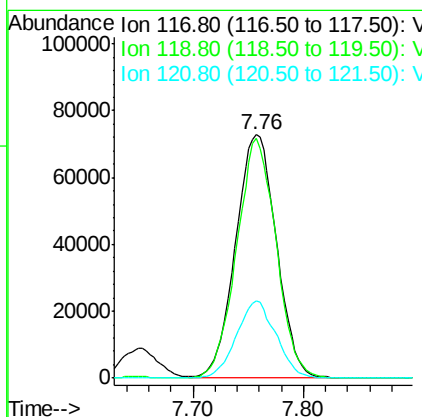
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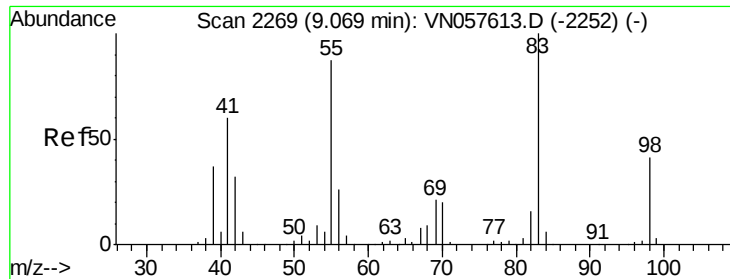
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#38
Carbon Tetrachloride
Concen: 52.895 ug/l
RT: 7.76 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VN057659.D
Acq: 1 Sep 2019 21:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.3	80.6	120.8
121	31.9	25.1	37.7





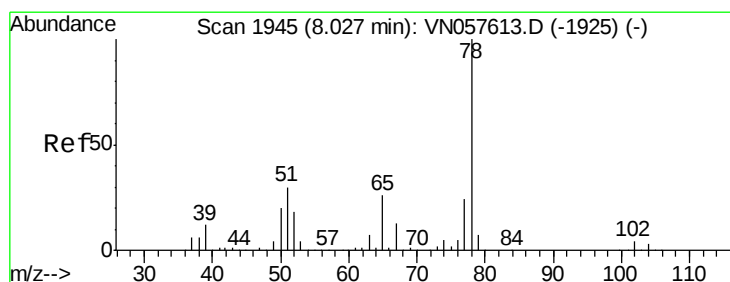
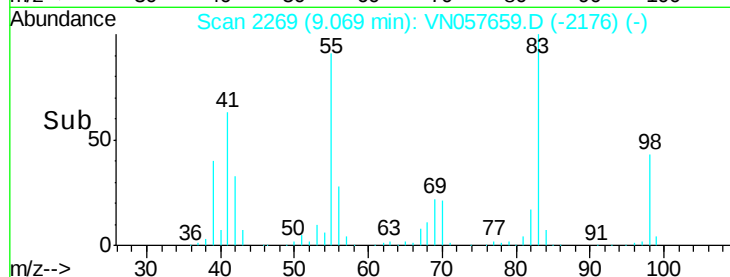
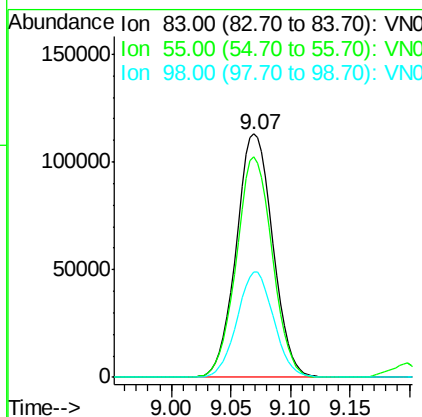
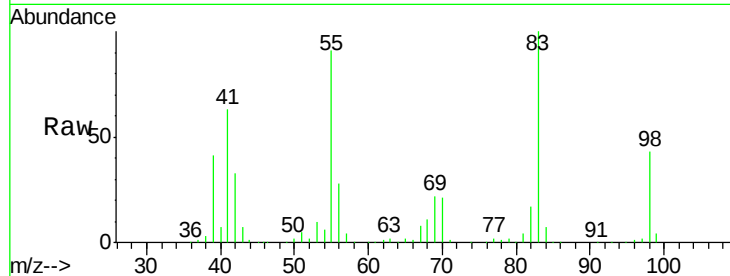
#39
Methvlcvclohexane
Concen: 51.648 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. 0.00 min
Lab File: VN057659.D
Acq: 1 Sep 2019 21:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	241128
Ion Ratio	100	Lower	Upper
83	100		
55	90.7	69.8	104.8
98	43.4	32.7	49.1

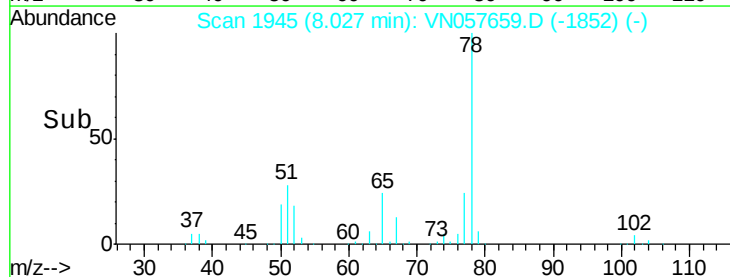
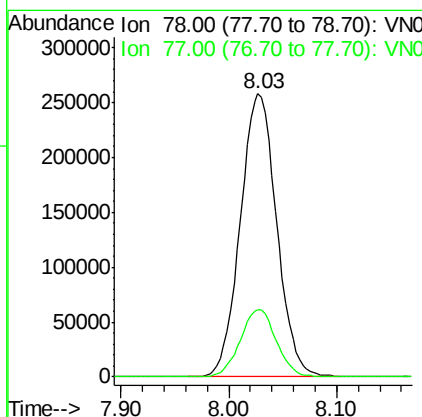
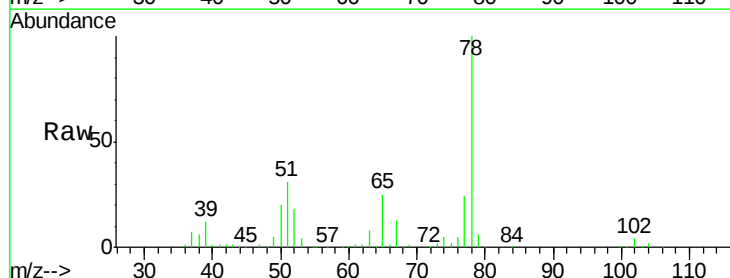
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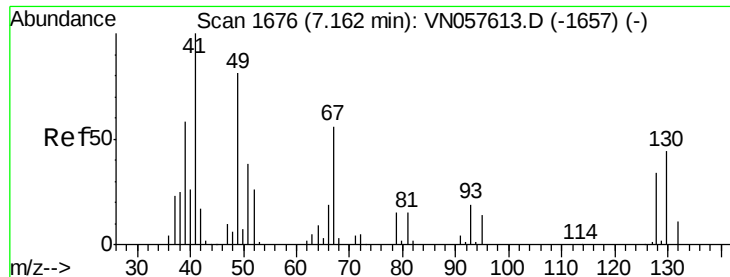
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#40
Benzene
Concen: 52.575 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN057659.D
Acq: 1 Sep 2019 21:32

Tgt Ion	78	Resp	604754
Ion Ratio	100	Lower	Upper
78	100		
77	23.7	19.1	28.7





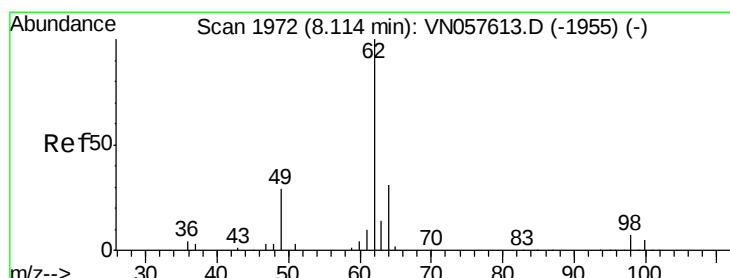
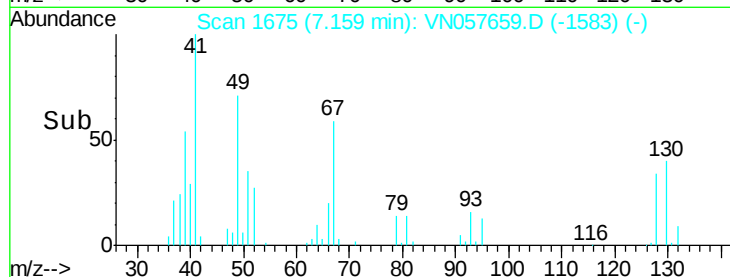
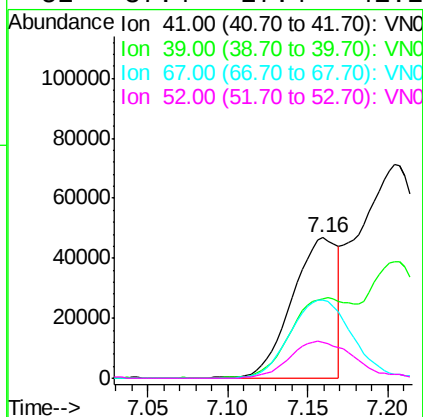
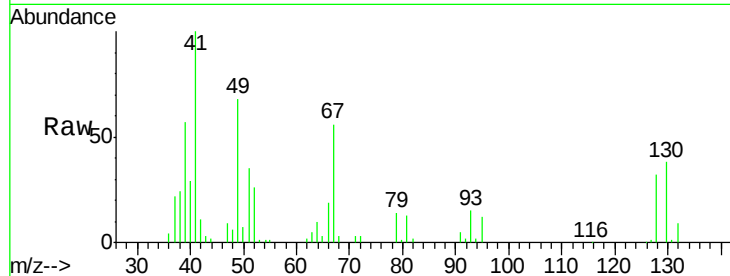
#41
Methacrylonitrile
Concen: 44.566 ug/l
RT: 7.16 min Scan# 1675
Delta R.T. -0.00 min
Lab File: VN057659.D
Acq: 1 Sep 2019 21:32

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion:	41	Resp:	93484
Ion	Ratio	Lower	Upper
41	100		
39	79.8	50.6	75.8#
67	76.8	56.9	85.3
52	37.4	27.4	41.2

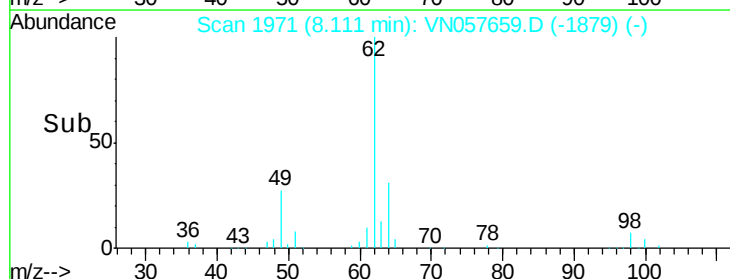
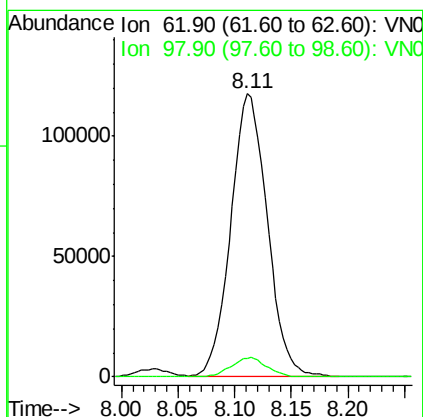
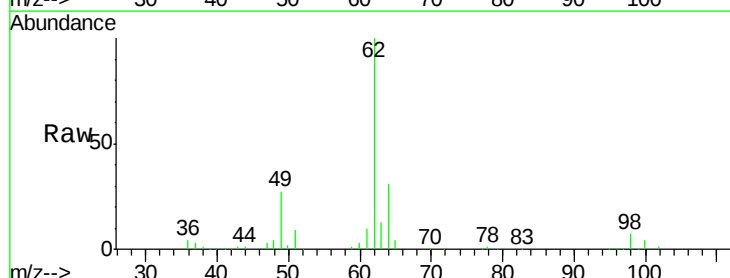
Manual Integrations
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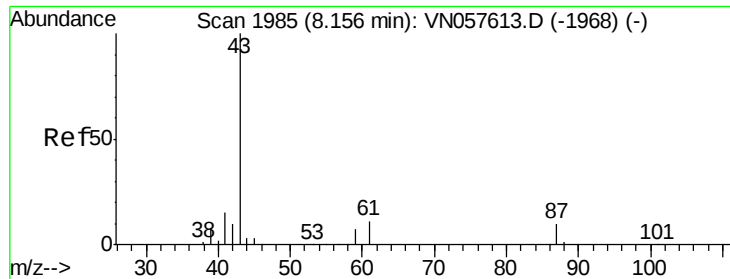
MMDadoda
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#42
1,2-Dichloroethane
Concen: 56.463 ug/l
RT: 8.11 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VN057659.D
Acq: 1 Sep 2019 21:32

Tgt Ion:	62	Resp:	263800
Ion	Ratio	Lower	Upper
62	100		
98	6.7	0.0	14.0





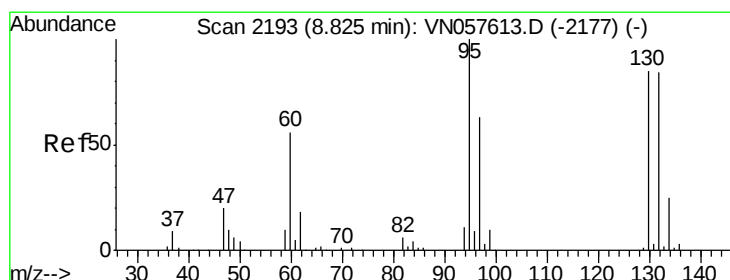
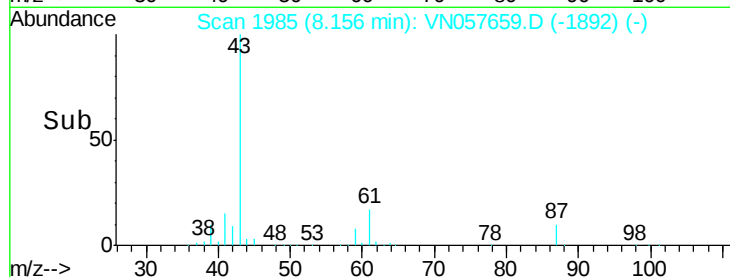
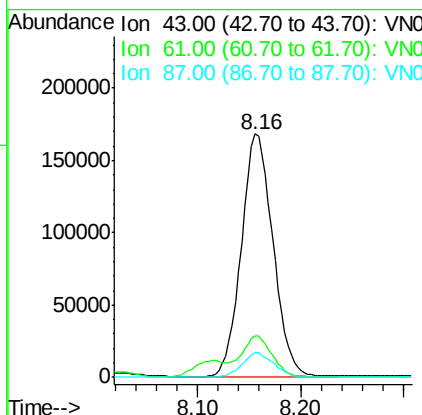
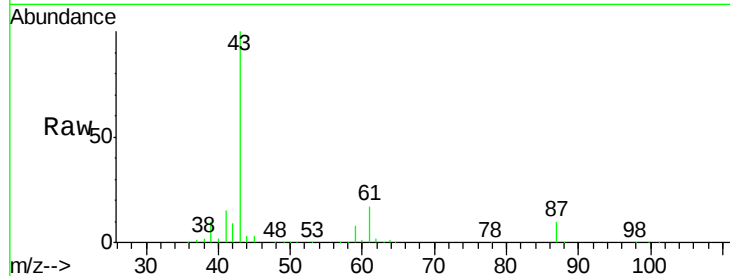
#43
Isopropyl Acetate
Concen: 53.093 ug/l
RT: 8.16 min Scan# 1985
Delta R.T. 0.00 min
Lab File: VN057659.D
Acq: 1 Sep 2019 21:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.3	13.1	19.7
87	10.1	8.1	12.1

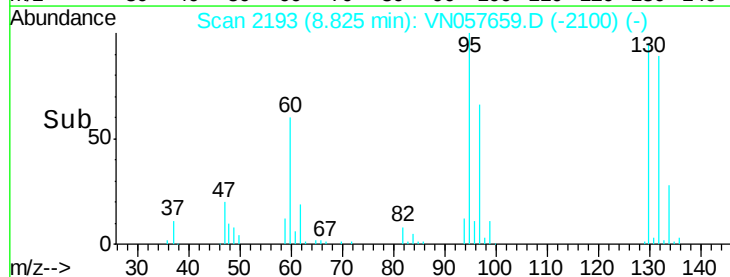
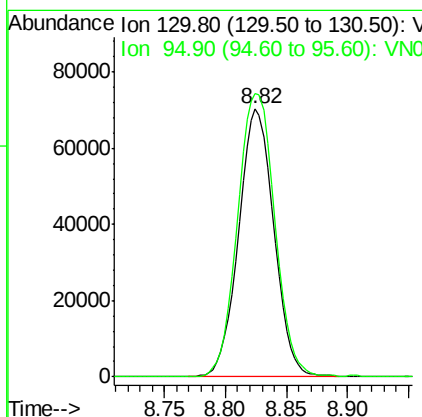
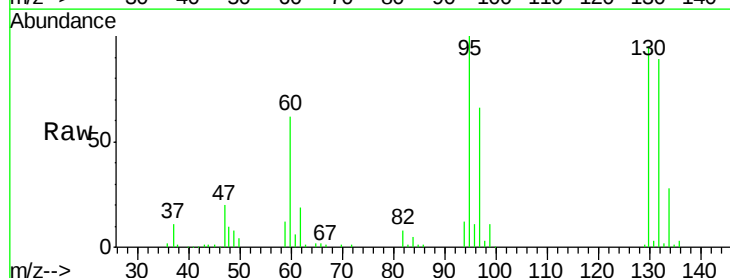
Manual Integrations
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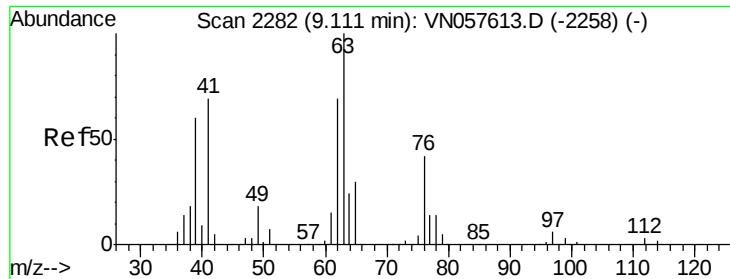
MMDadoda
9/3/2019 11:03:09 AM



#44
Trichloroethene
Concen: 53.804 ug/l
RT: 8.82 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VN057659.D
Acq: 1 Sep 2019 21:32

Tgt Ion	Ratio	Lower	Upper
130	100		
95	105.5	0.0	234.4





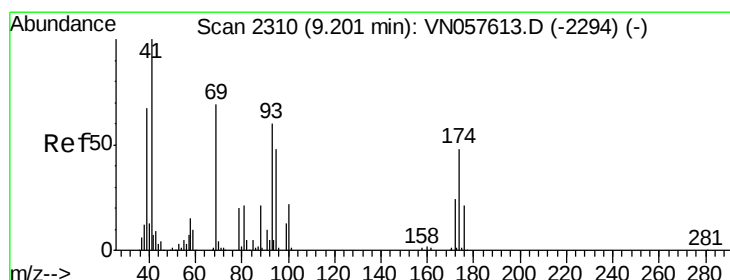
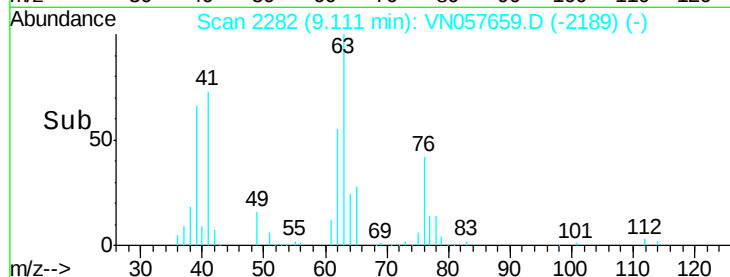
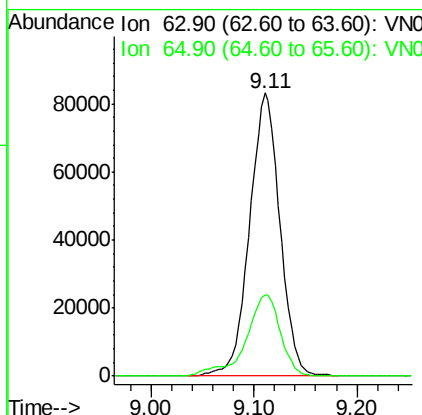
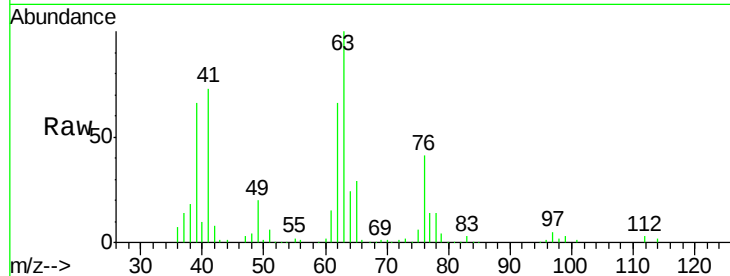
#45
 1,2-Dichloropropane
 Concen: 52.857 ug/l
 RT: 9.11 min Scan# 2282
 Delta R.T. 0.00 min
 Lab File: VN057659.D
 Acq: 1 Sep 2019 21:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 169356
 Ion Ratio Lower Upper
 63 100
 65 28.6 24.4 36.6

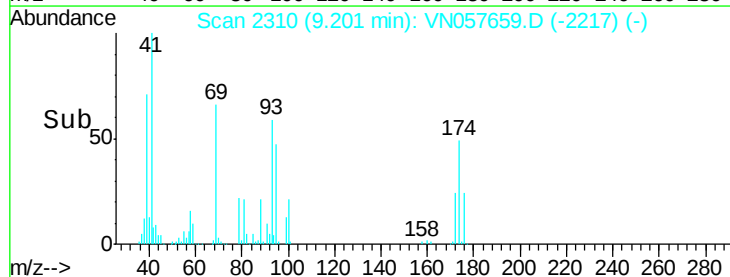
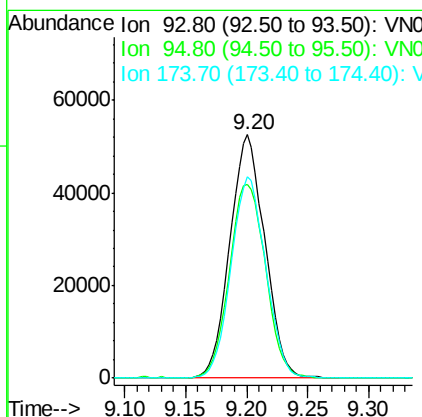
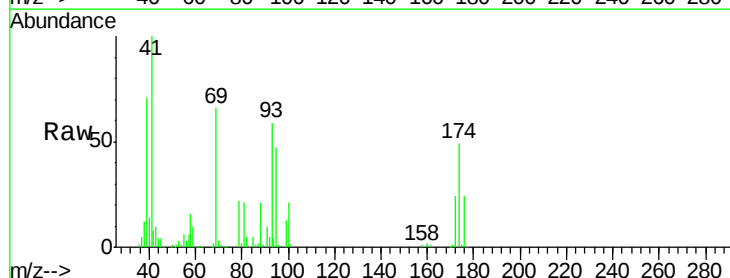
Manual Integrations
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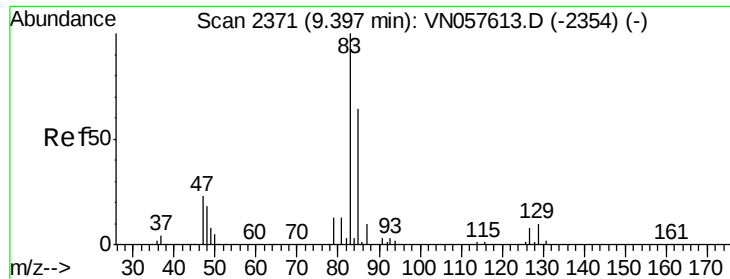
MMDadoda
 9/3/2019 11:03:09 AM



#46
 Dibromomethane
 Concen: 52.763 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN057659.D
 Acq: 1 Sep 2019 21:32

Tgt Ion: 93 Resp: 104673
 Ion Ratio Lower Upper
 93 100
 95 82.5 65.8 98.6
 174 82.0 64.2 96.2





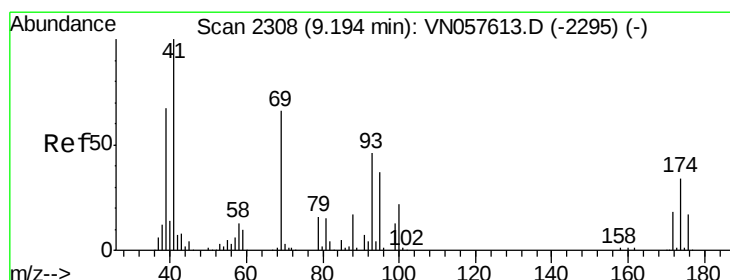
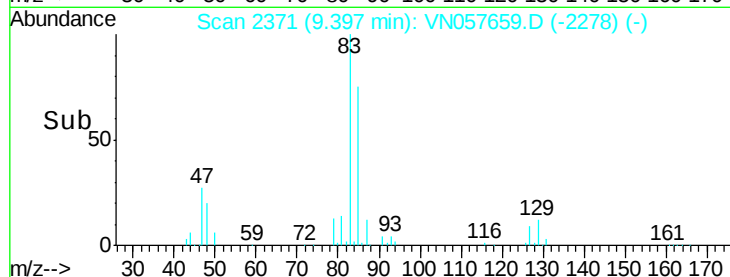
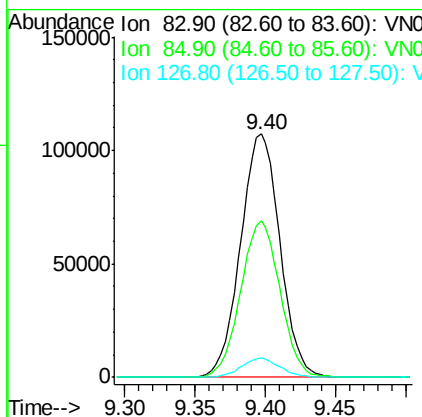
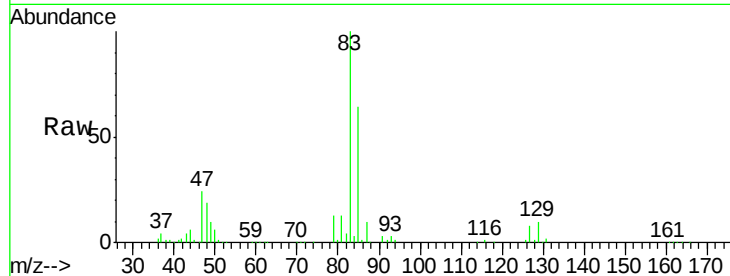
#47
Bromodichloromethane
Concen: 52.084 ug/l
RT: 9.40 min Scan# 2371
Delta R.T. 0.00 min
Lab File: VN057659.D
Acq: 1 Sep 2019 21:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	209923
Ion Ratio	100		
Lower	51.4		
Upper	77.0		
85	64.2		
127	7.9		

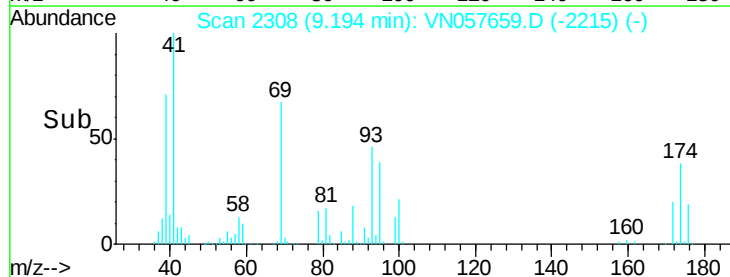
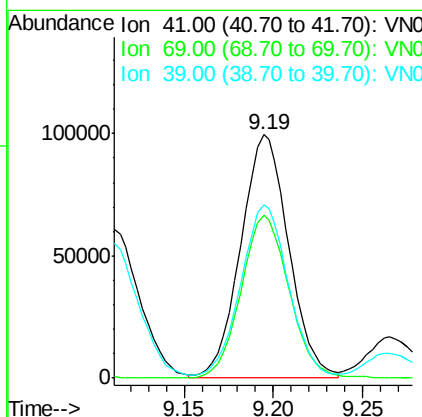
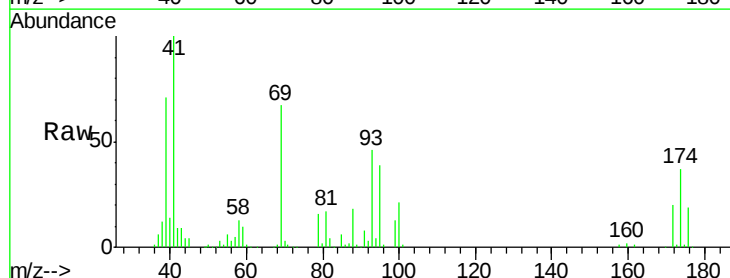
Manual Integrations
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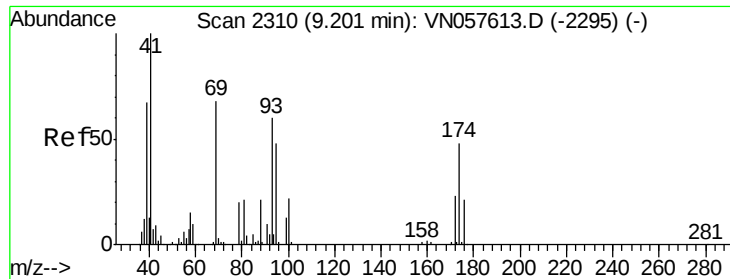
MMDadoda
9/3/2019 11:03:09 AM



#48
Methyl methacrylate
Concen: 53.721 ug/l
RT: 9.19 min Scan# 2308
Delta R.T. 0.00 min
Lab File: VN057659.D
Acq: 1 Sep 2019 21:32

Tgt Ion	41	Resp	185745
Ion Ratio	100		
Lower	55.1		
Upper	82.7		
69	67.6		
39	71.3		





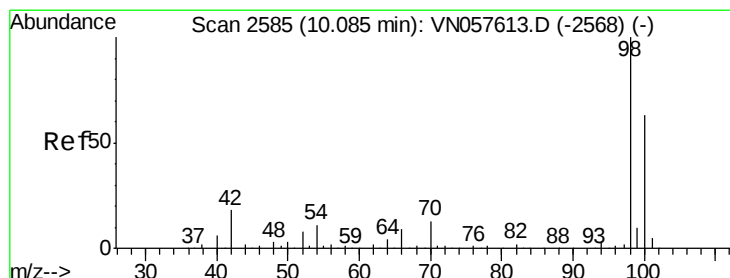
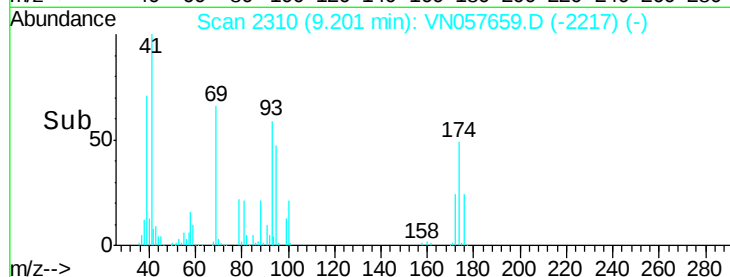
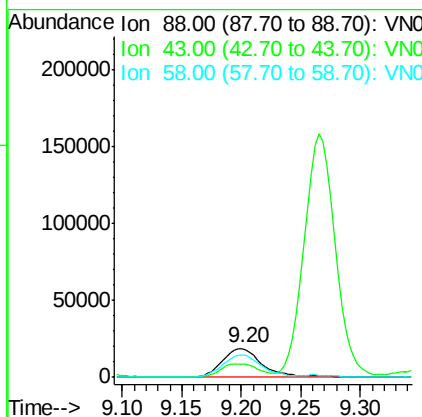
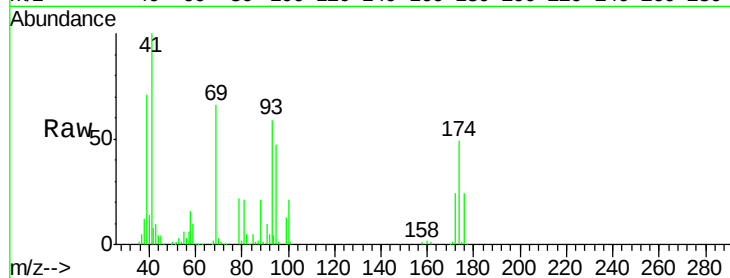
#49
1,4-Dioxane
Concen: 1082.599 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN057659.D
Acq: 1 Sep 2019 21:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	43.6	35.0	52.4
58	75.6	61.6	92.4

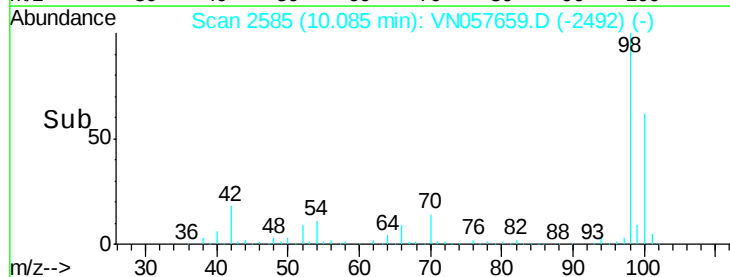
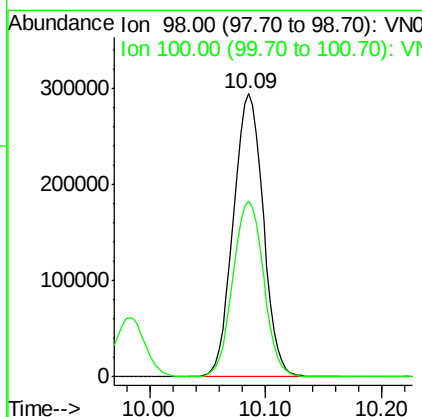
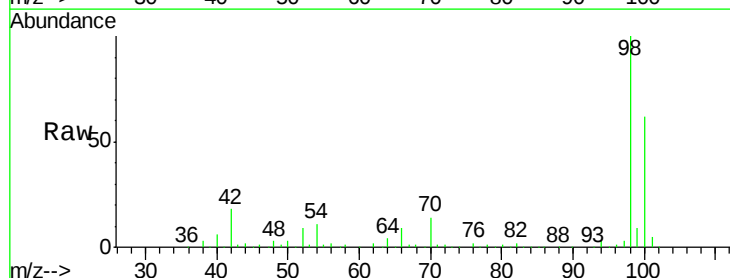
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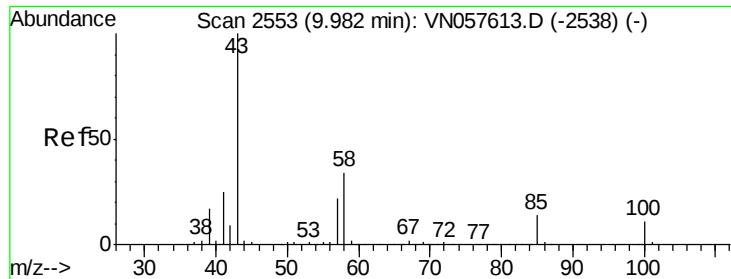
MMDadoda
9/3/2019 11:03:09 AM



#50
Toluene-d8
Concen: 52.599 ug/l
RT: 10.09 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN057659.D
Acq: 1 Sep 2019 21:32

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.6	49.8	74.8





#51

4-Methyl-2-Pentanone

Concen: 274.732 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN057659.D

Acq: 1 Sep 2019 21:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1066361

Ion Ratio Lower Upper

43 100

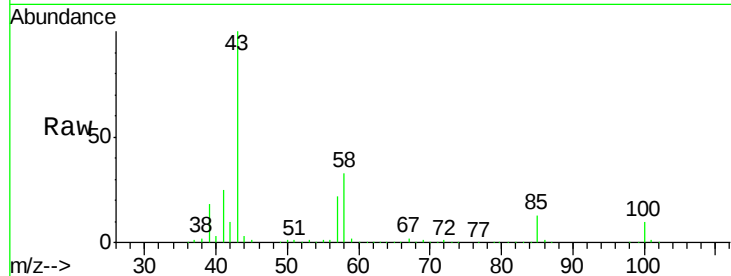
58 33.3 26.9 40.3

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

9.98

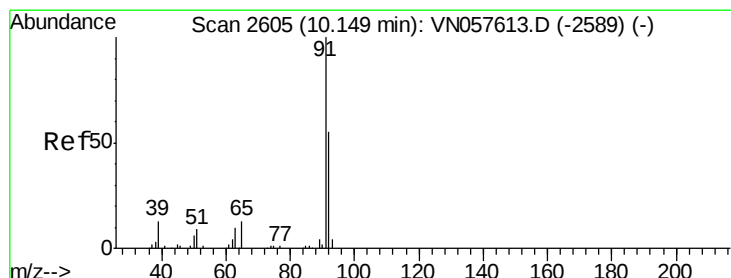
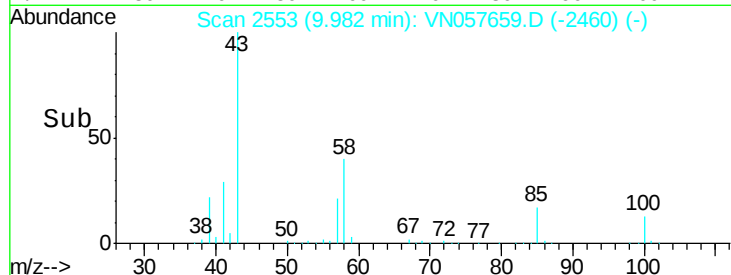
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 54.703 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. 0.00 min

Lab File: VN057659.D

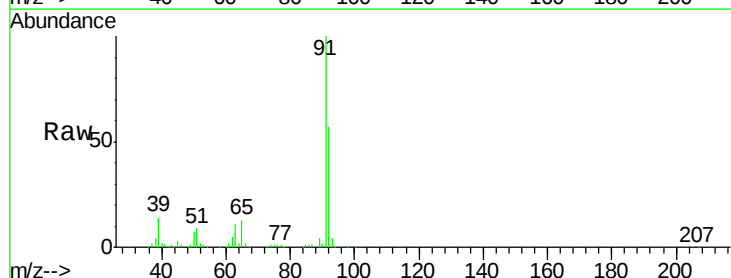
Acq: 1 Sep 2019 21:32

Tgt Ion: 92 Resp: 371899

Ion Ratio Lower Upper

92 100

91 174.7 143.8 215.6



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

10.15

400000

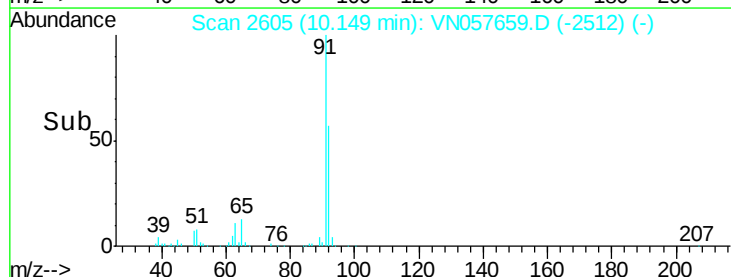
300000

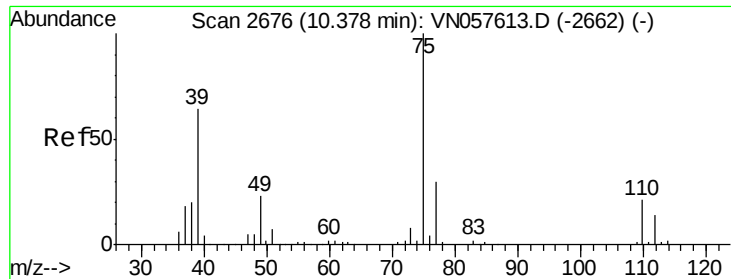
200000

100000

0

Time-->





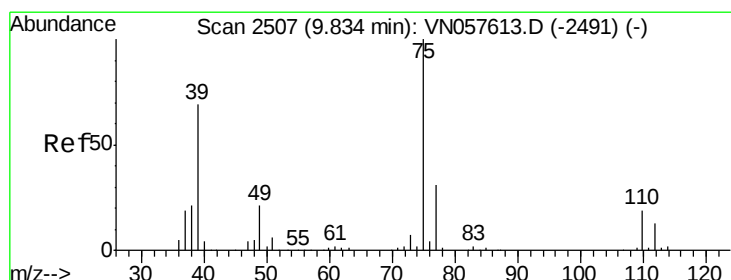
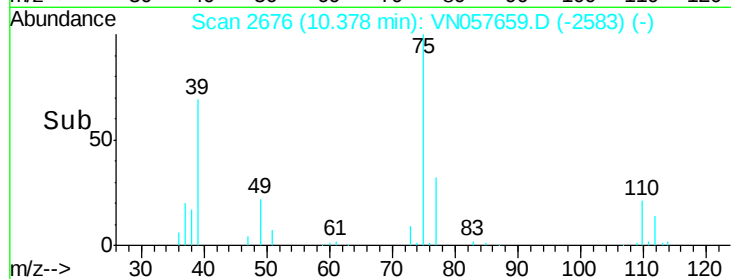
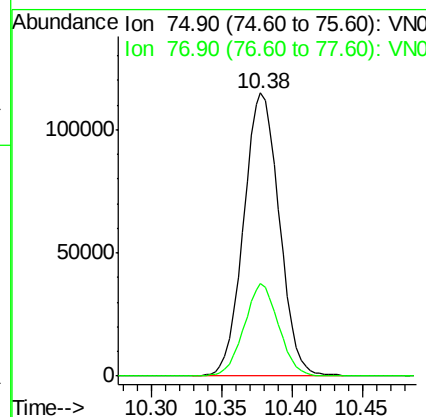
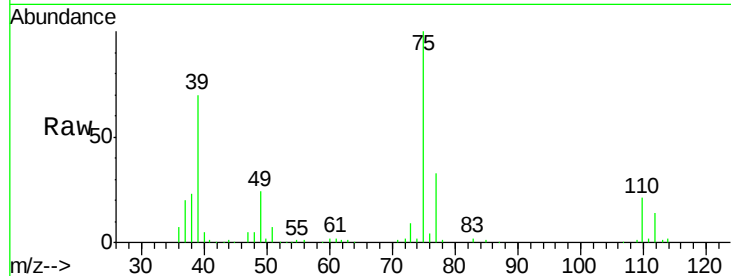
#53
t-1,3-Dichloropropene
Concen: 45.531 ug/l
RT: 10.38 min Scan# 2676
Delta R.T. 0.00 min
Lab File: VN057659.D
Acq: 1 Sep 2019 21:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.7	24.1	36.1

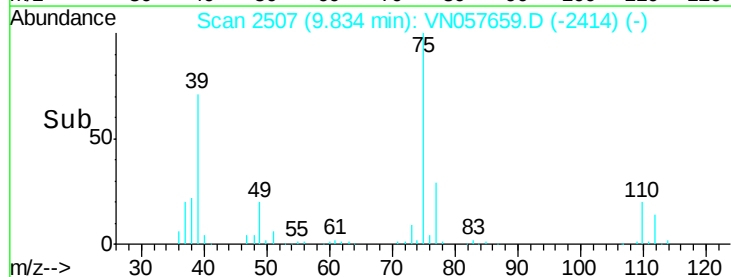
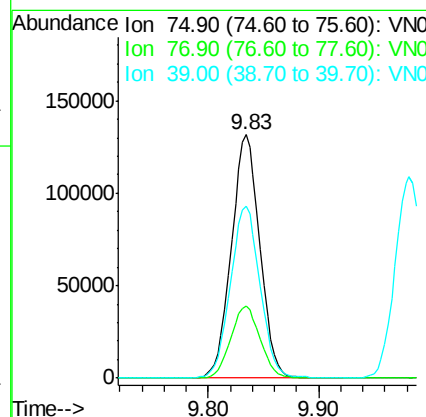
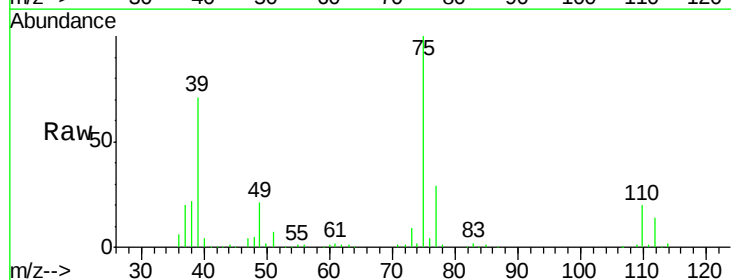
Manual Integrations
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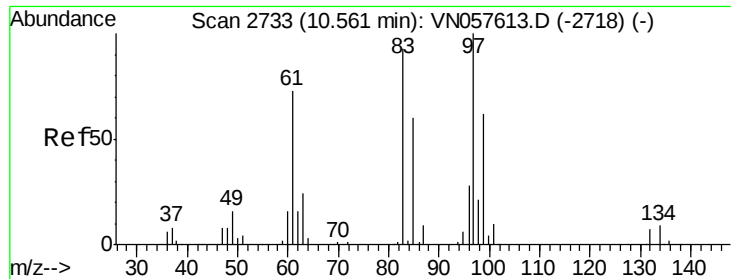
MMDadoda
9/3/2019 11:03:09 AM



#54
cis-1,3-Dichloropropene
Concen: 47.548 ug/l
RT: 9.83 min Scan# 2507
Delta R.T. 0.00 min
Lab File: VN057659.D
Acq: 1 Sep 2019 21:32

Tgt Ion	Ratio	Lower	Upper
75	100		
77	29.4	24.8	37.2
39	70.6	55.0	82.4





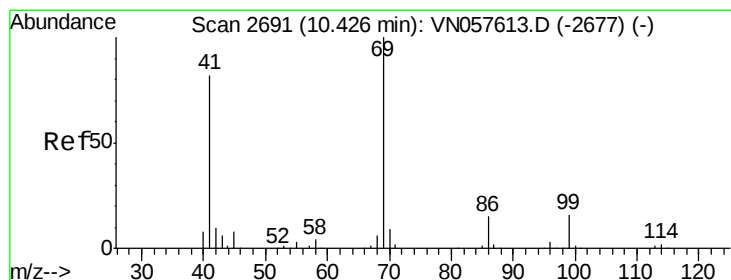
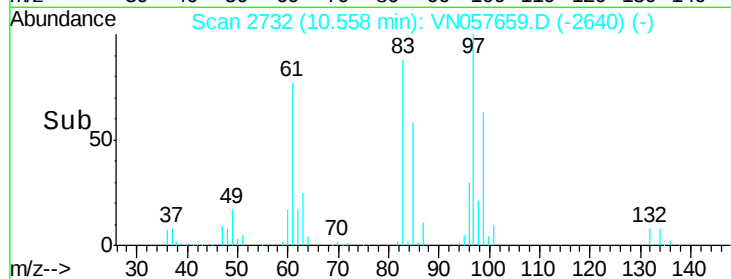
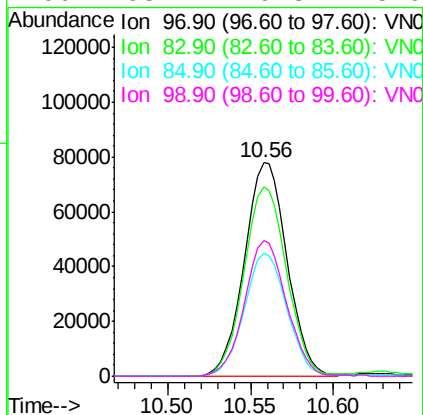
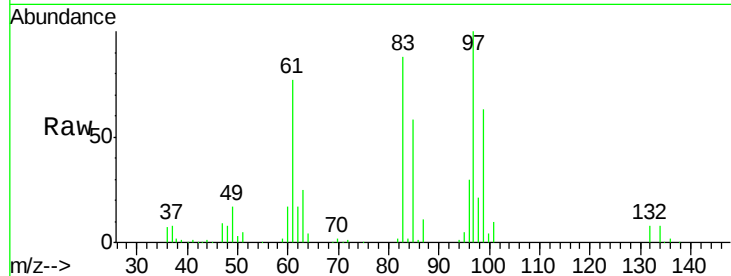
#55
 1,1,2-Trichloroethane
 Concen: 53.988 ug/l
 RT: 10.56 min Scan# 2732
 Delta R.T. -0.00 min
 Lab File: VN057659.D
 Acq: 1 Sep 2019 21:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	139257
Ion	Ratio	Lower	Upper
97	100		
83	88.4	74.2	111.2
85	57.7	47.8	71.8
99	63.4	49.3	73.9

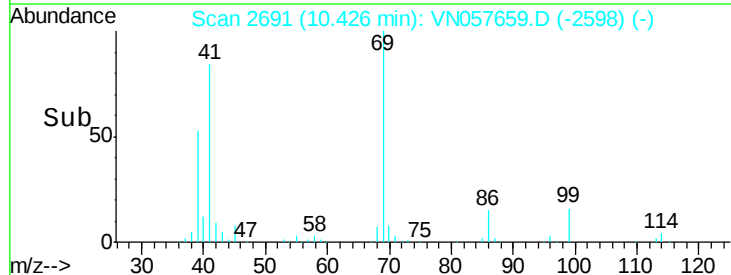
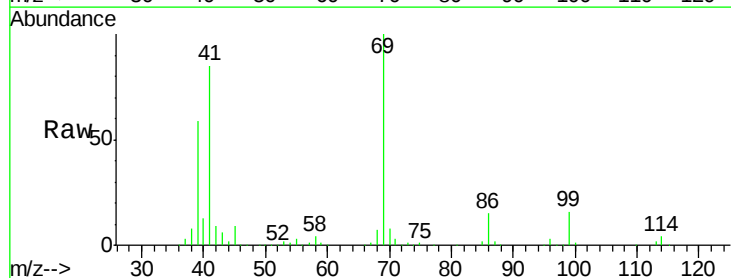
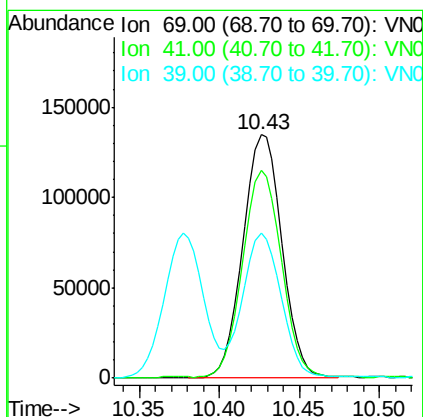
Manual Integrations
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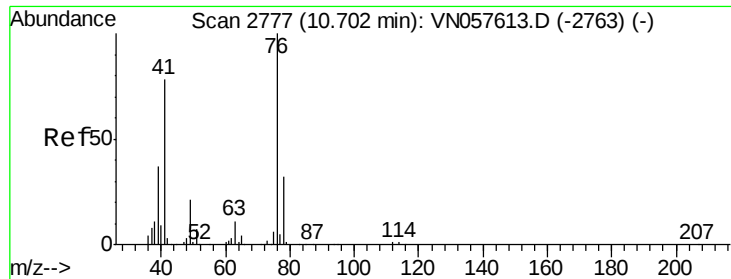
MMDadoda
 9/3/2019 11:03:09 AM



#56
 Ethyl methacrylate
 Concen: 52.032 ug/l
 RT: 10.43 min Scan# 2691
 Delta R.T. 0.00 min
 Lab File: VN057659.D
 Acq: 1 Sep 2019 21:32

Tgt Ion:	69	Resp:	223971
Ion	Ratio	Lower	Upper
69	100		
41	84.5	65.8	98.6
39	57.4	43.8	65.8





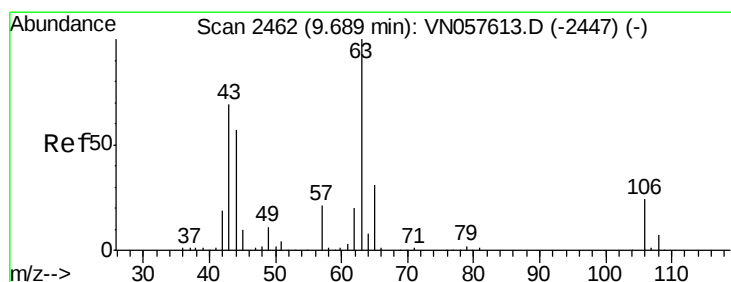
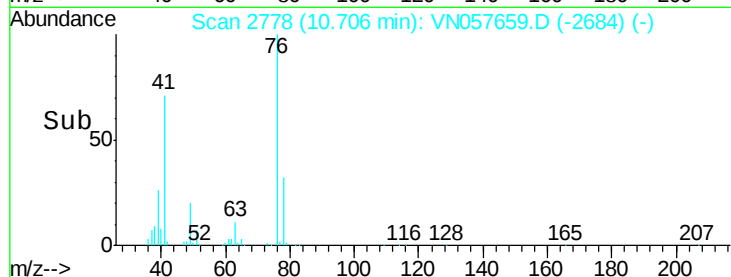
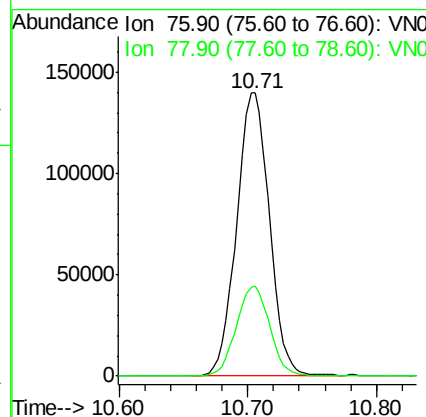
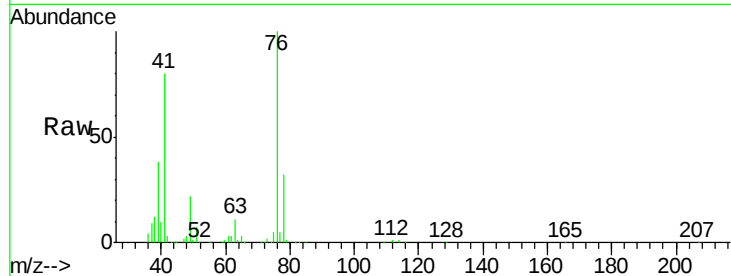
#57
 1,3-Dichloropropane
 Concen: 52.132 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN057659.D
 Acq: 1 Sep 2019 21:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 246711
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.4 38.2

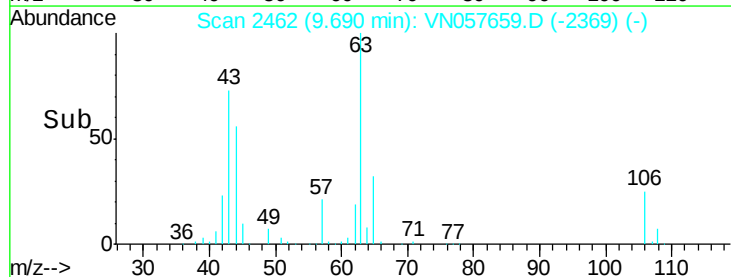
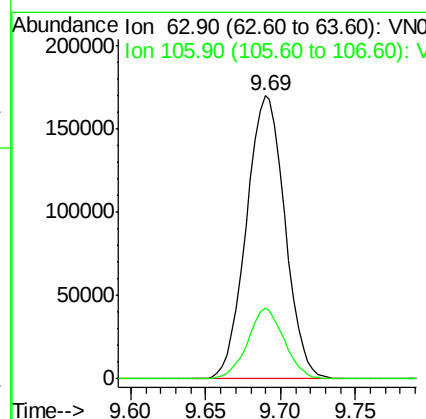
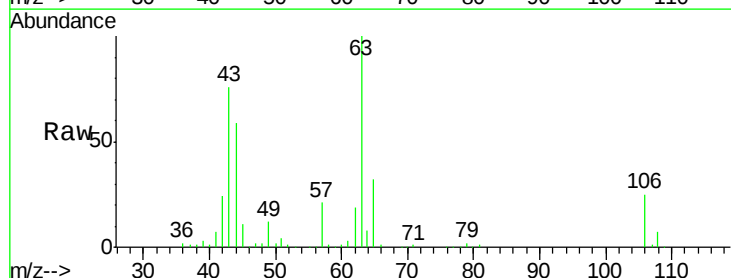
Manual Integrations
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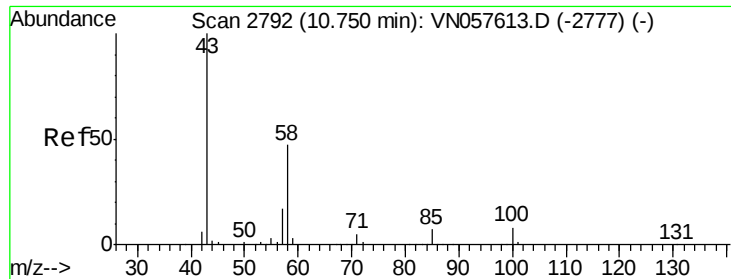
MMDadoda
 9/3/2019 11:03:09 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 241.889 ug/l
 RT: 9.69 min Scan# 2462
 Delta R.T. 0.00 min
 Lab File: VN057659.D
 Acq: 1 Sep 2019 21:32

Tgt Ion: 63 Resp: 304623
 Ion Ratio Lower Upper
 63 100
 106 23.6 18.3 27.5





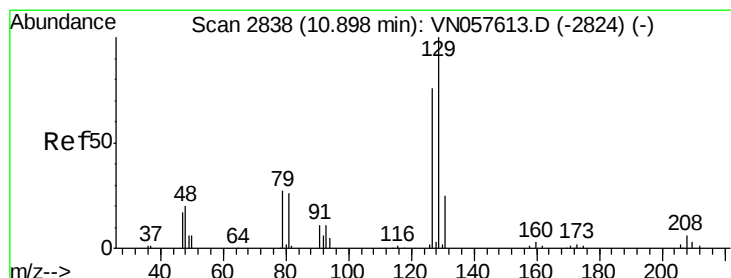
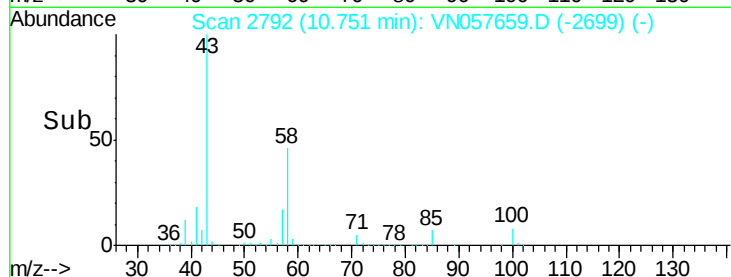
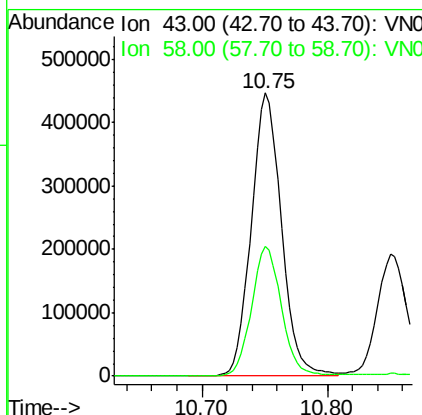
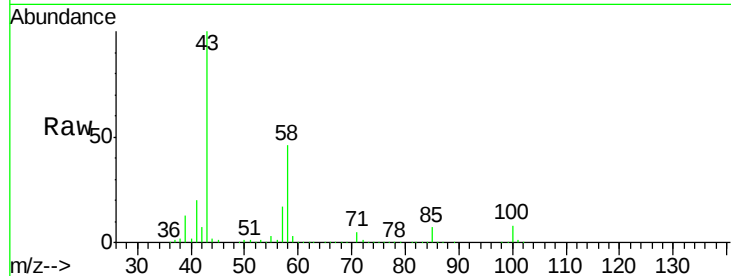
#59
2-Hexanone
Concen: 262.384 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN057659.D
Acq: 1 Sep 2019 21:32

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion: 43 Resp: 747891
Ion Ratio Lower Upper
43 100
58 45.6 23.5 70.5

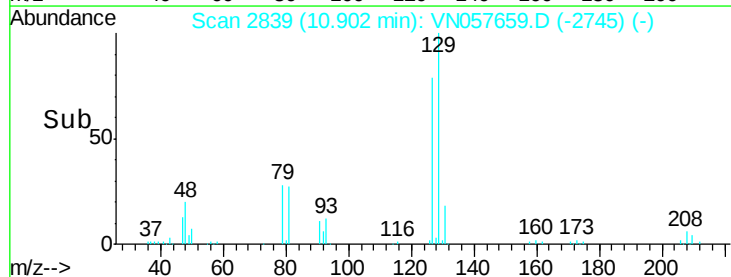
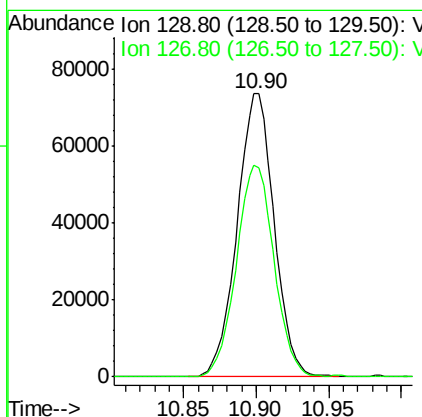
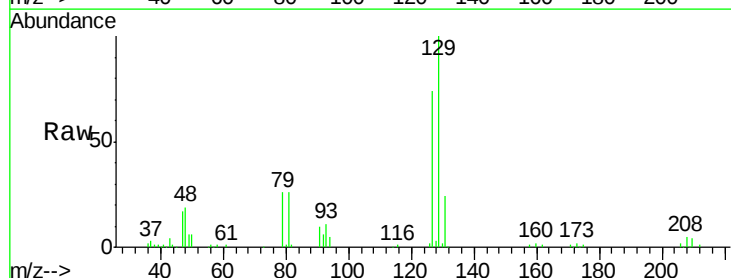
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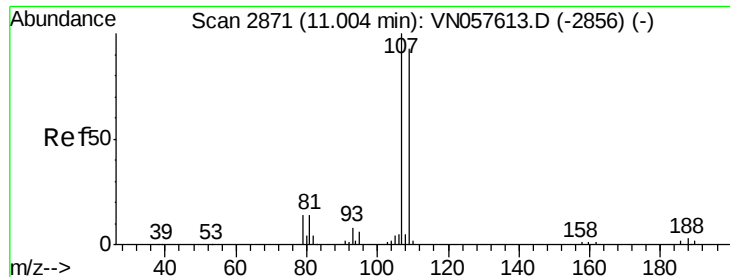
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#60
Dibromochloromethane
Concen: 46.457 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN057659.D
Acq: 1 Sep 2019 21:32

Tgt Ion: 129 Resp: 130602
Ion Ratio Lower Upper
129 100
127 76.0 38.3 114.8





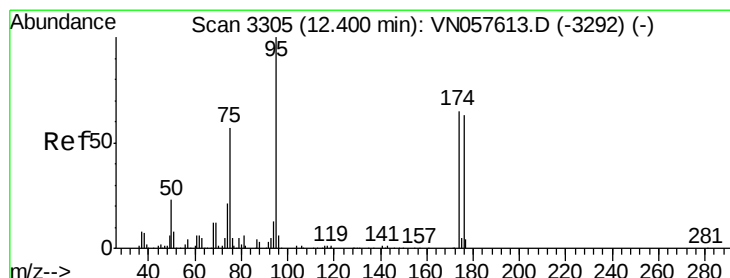
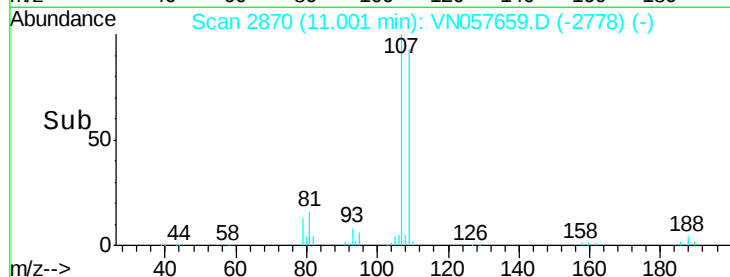
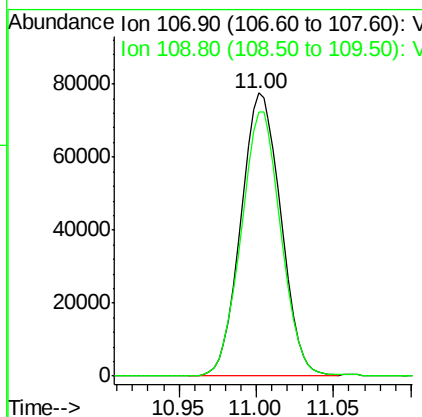
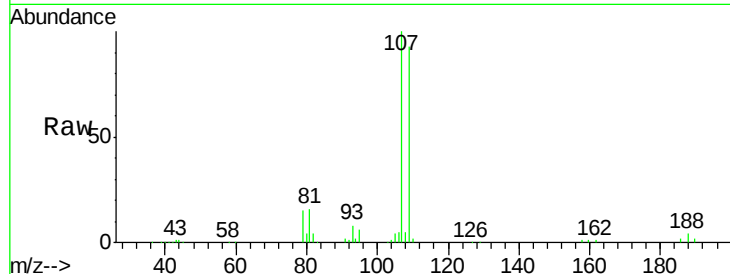
#61
 1,2-Dibromoethane
 Concen: 53.626 ug/l
 RT: 11.00 min Scan# 2870
 Delta R.T. -0.00 min
 Lab File: VN057659.D
 Acq: 1 Sep 2019 21:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.2	75.0	112.4

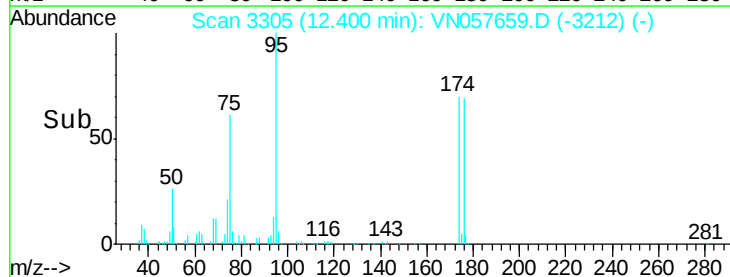
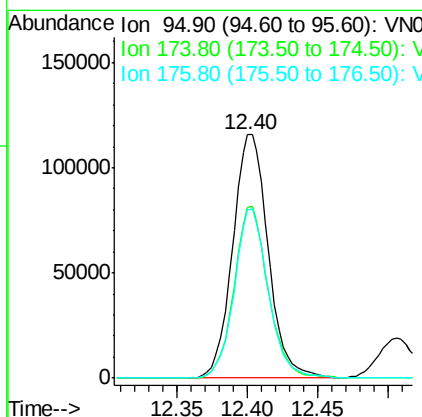
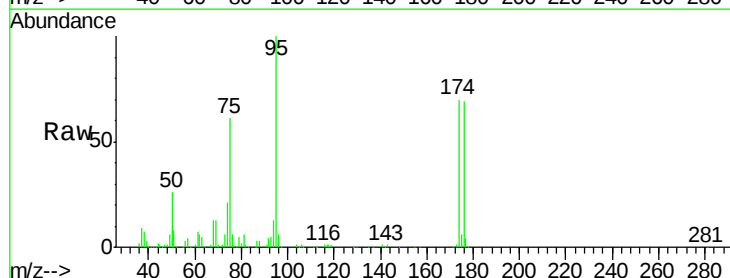
Manual Integrations
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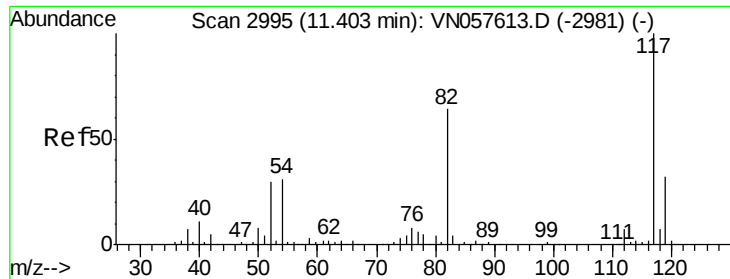
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#62
 4-Bromofluorobenzene
 Concen: 53.704 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN057659.D
 Acq: 1 Sep 2019 21:32

Tgt Ion	Ratio	Lower	Upper
95	100		
174	67.9	0.0	134.8
176	66.8	0.0	131.6





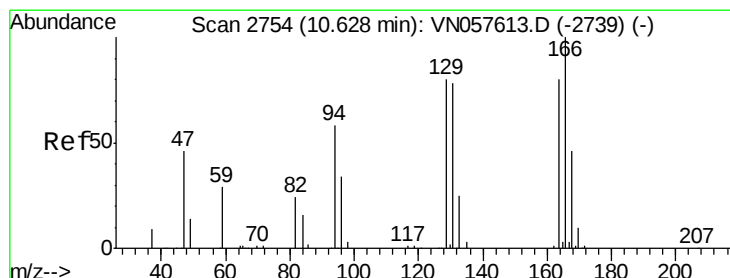
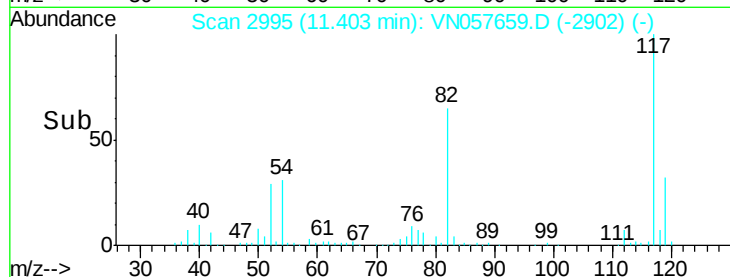
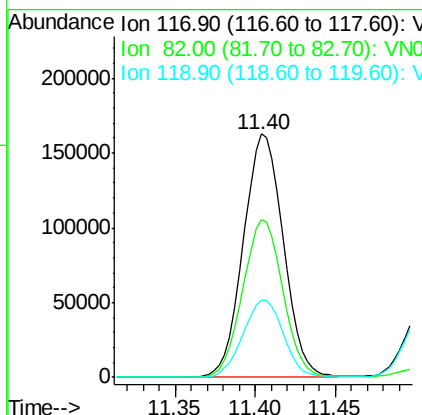
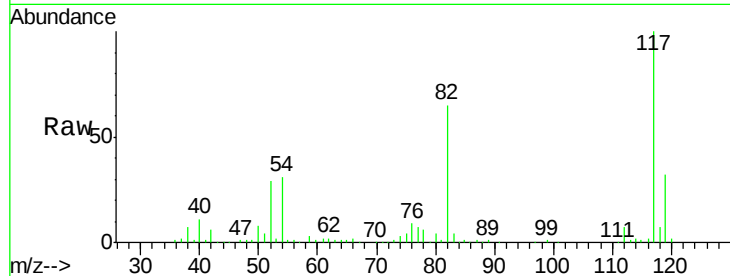
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. 0.00 min
Lab File: VN057659.D
Acq: 1 Sep 2019 21:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	64.9	51.6	77.4
119	31.8	25.8	38.6

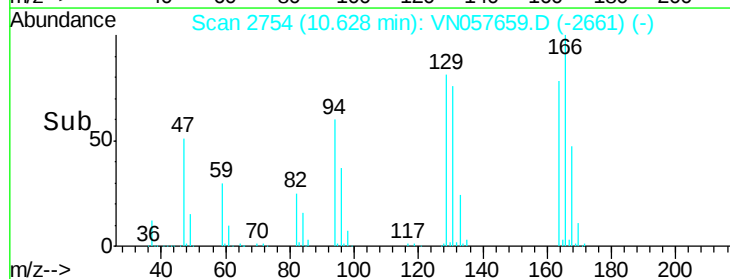
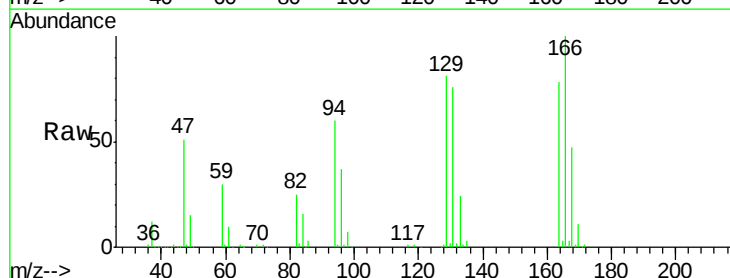
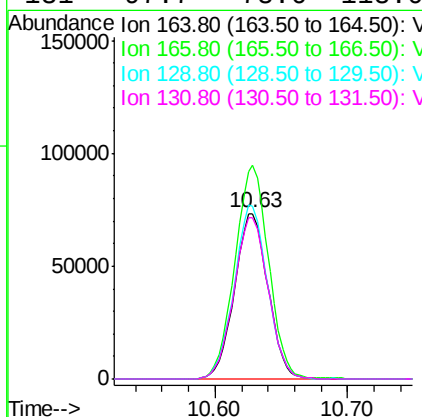
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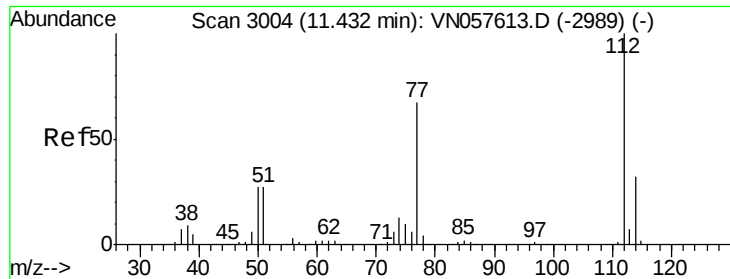
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#64
Tetrachloroethene
Concen: 53.186 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN057659.D
Acq: 1 Sep 2019 21:32

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.9	100.6	151.0
129	104.2	80.4	120.6
131	97.7	78.6	118.0





#65

Chlorobenzene

Concen: 52.953 ug/l

RT: 11.43 min Scan# 3003

Delta R.T. -0.00 min

Lab File: VN057659.D

Acq: 1 Sep 2019 21:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 370417

Ion Ratio Lower Upper

112 100

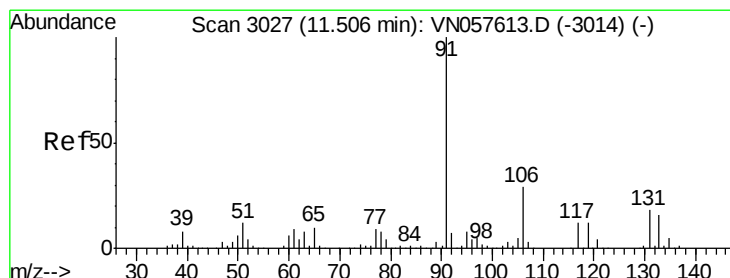
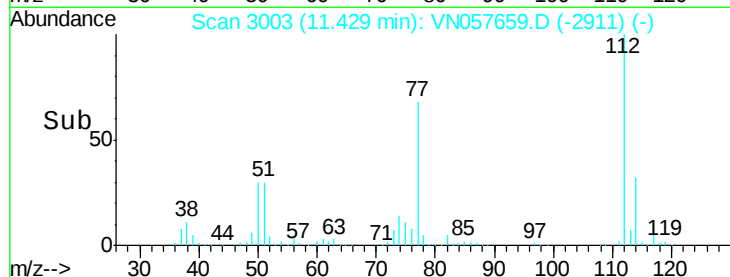
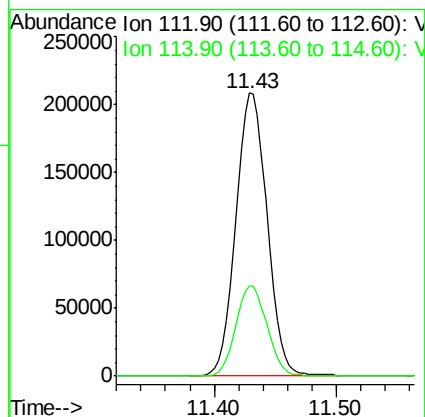
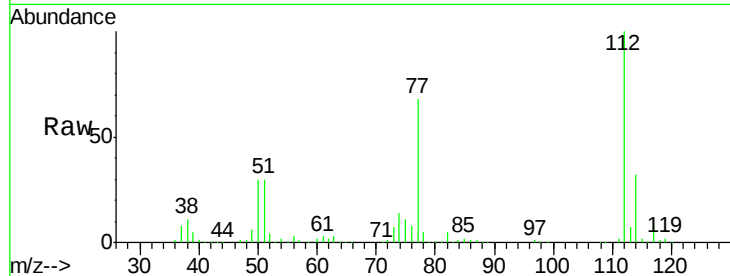
114 32.0 25.3 37.9

Manual Integrations

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#66

1,1,1,2-Tetrachloroethane

Concen: 52.290 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN057659.D

Acq: 1 Sep 2019 21:32

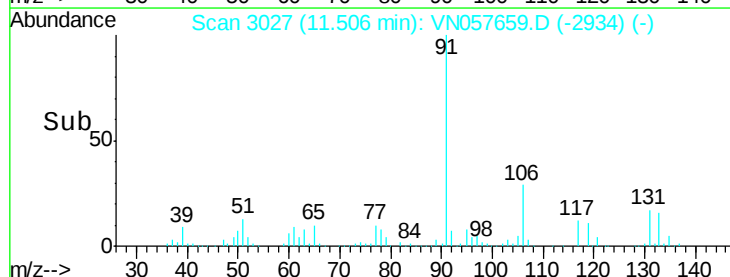
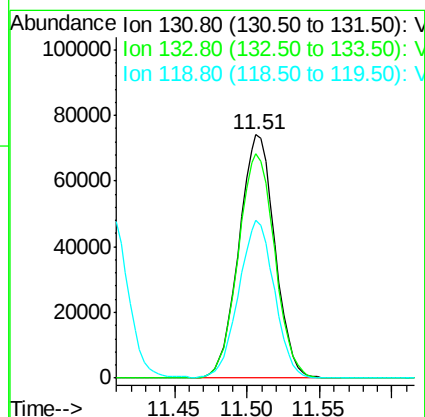
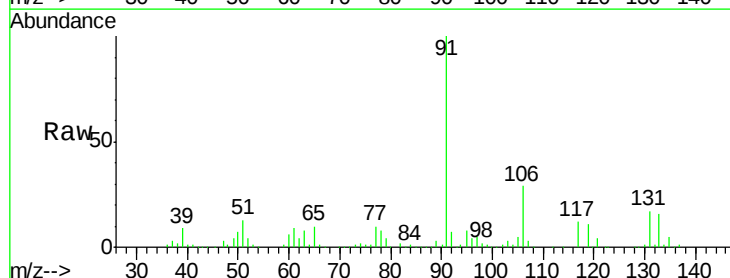
Tgt Ion:131 Resp: 127570

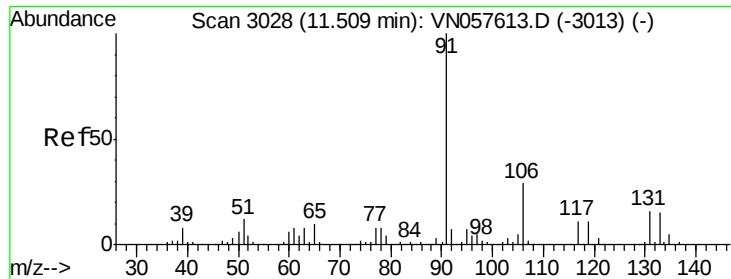
Ion Ratio Lower Upper

131 100

133 93.8 47.8 143.4

119 64.2 33.9 101.6





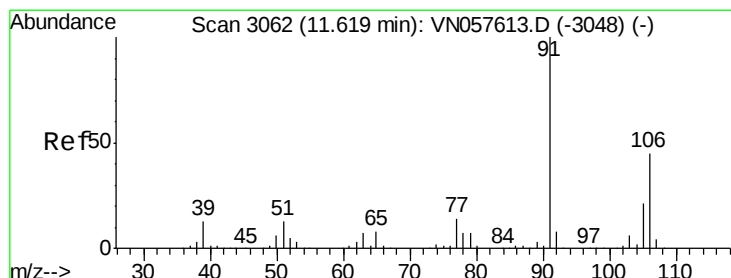
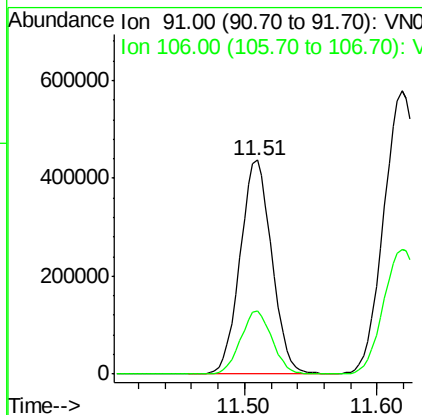
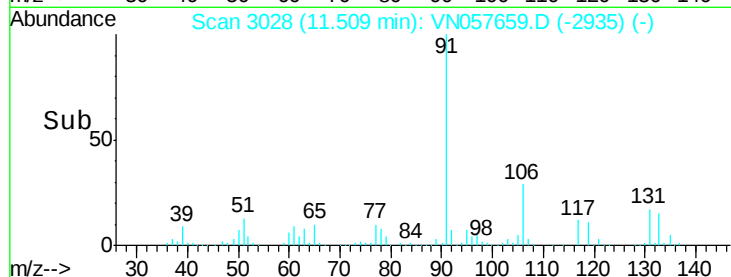
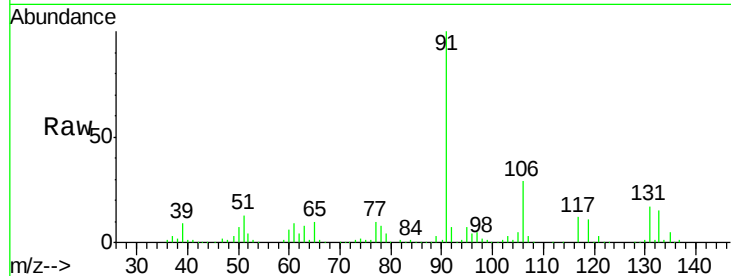
#67
Ethyl Benzene
Concen: 53.357 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN057659.D
Acq: 1 Sep 2019 21:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 725210
Ion Ratio Lower Upper
91 100
106 29.4 22.9 34.3

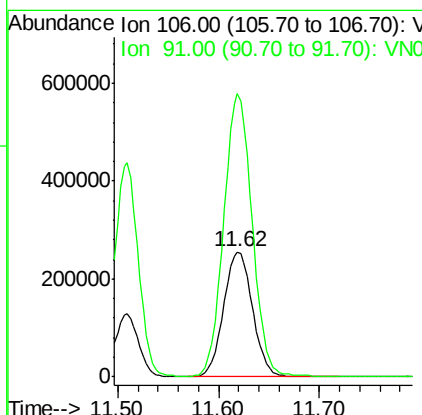
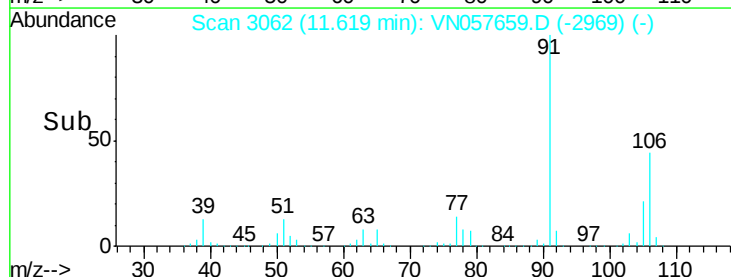
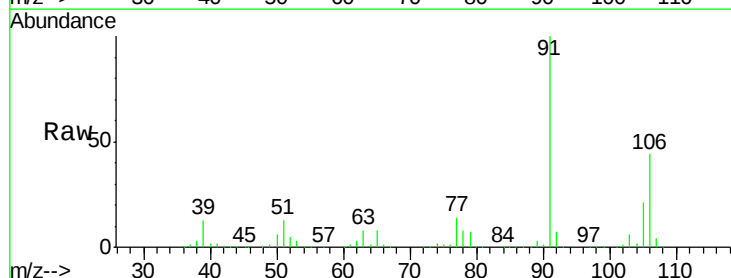
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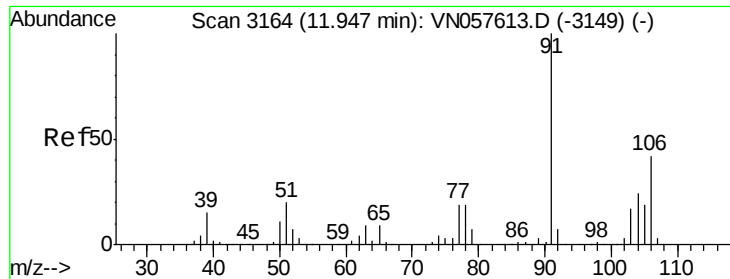
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#68
m/p-Xylenes
Concen: 106.917 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN057659.D
Acq: 1 Sep 2019 21:32

Tgt Ion: 106 Resp: 511952
Ion Ratio Lower Upper
106 100
91 222.8 176.2 264.2





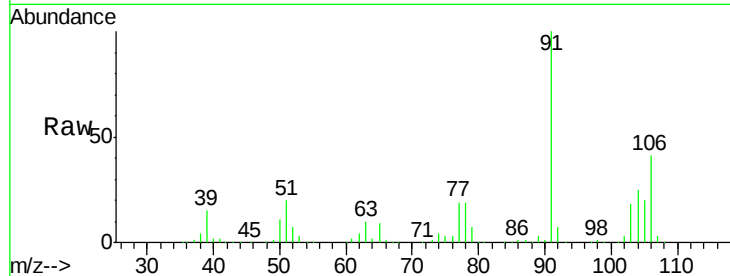
#69
o-Xylene
Concen: 53.455 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN057659.D
Acq: 1 Sep 2019 21:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

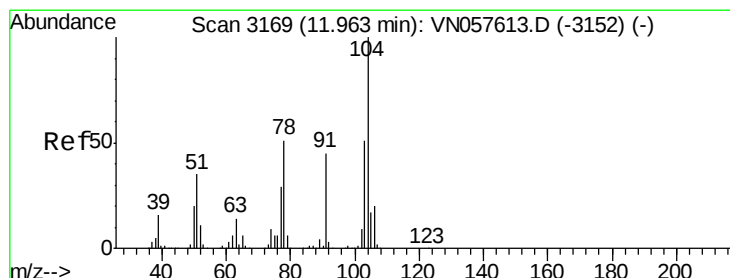
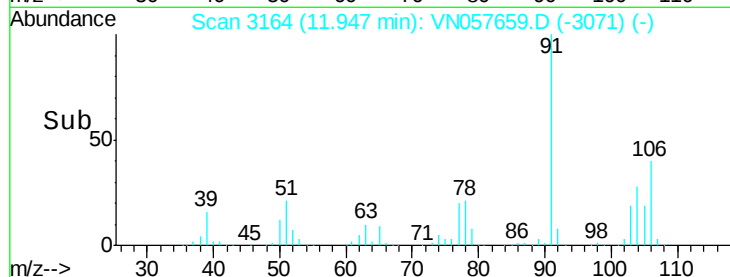
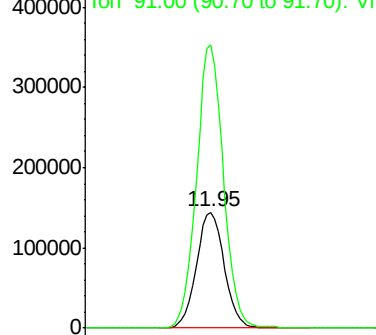
Tot Ion:106 Resp: 248060
Ion Ratio Lower Upper
106 100
91 235.4 117.3 351.8

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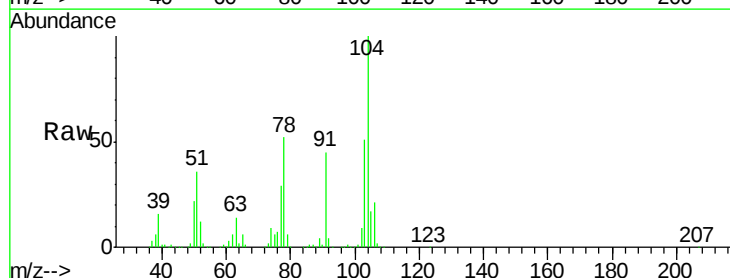


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

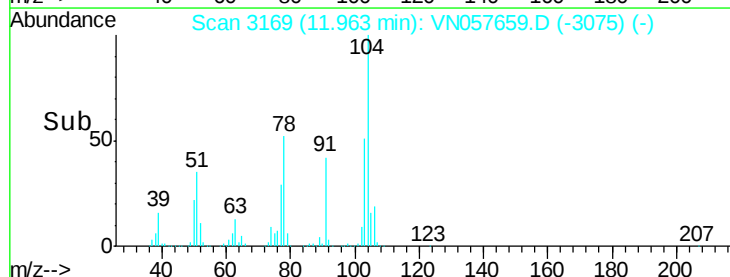
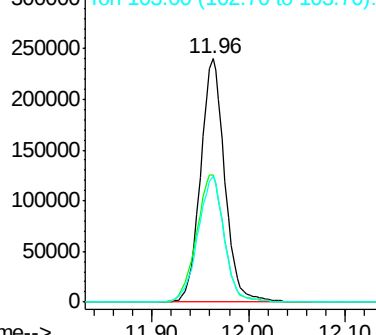


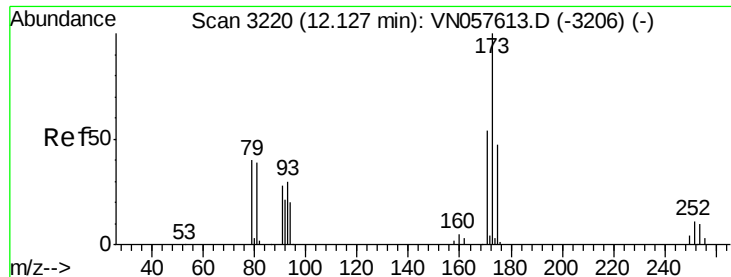
#70
Styrene
Concen: 49.816 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN057659.D
Acq: 1 Sep 2019 21:32

Tgt Ion:104 Resp: 415966
Ion Ratio Lower Upper
104 100
78 59.6 46.6 70.0
103 56.2 44.7 67.1



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN0
Ion 103.00 (102.70 to 103.70): V





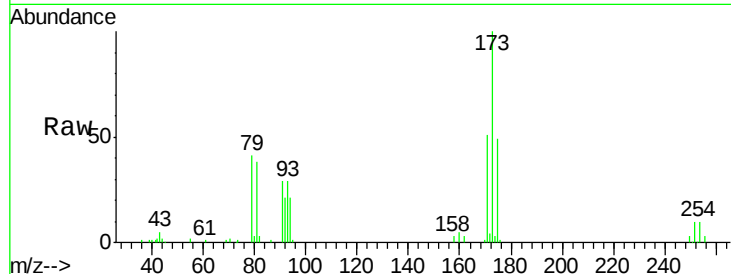
#71
Bromoform
Concen: 44.106 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN057659.D
Acq: 1 Sep 2019 21:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

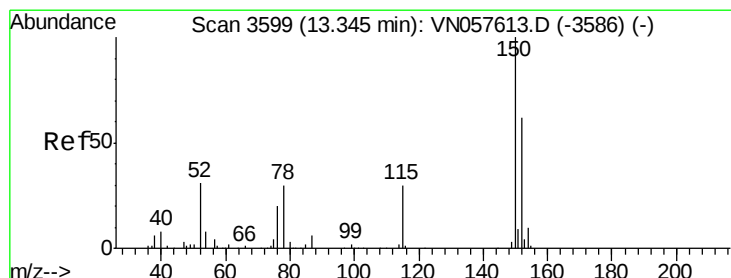
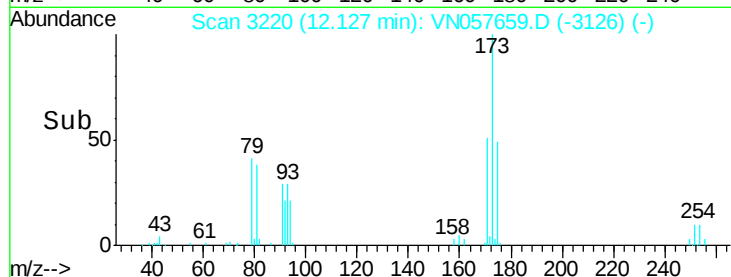
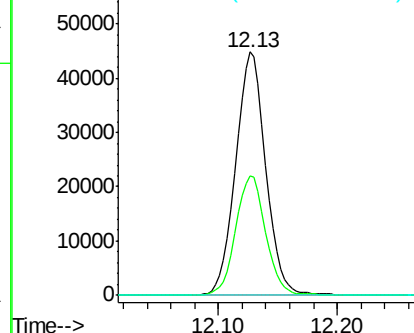
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.4	73.4
254	0.0	0.0	0.0

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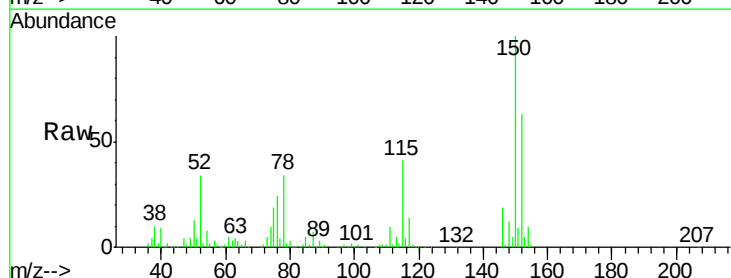


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

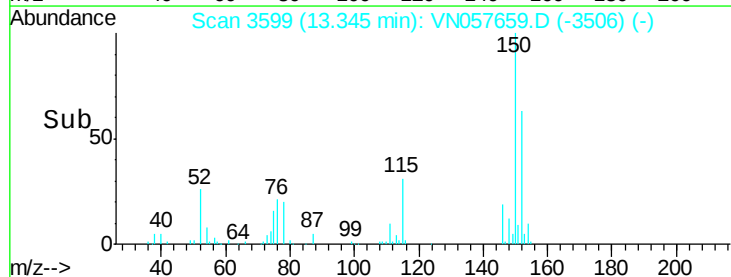
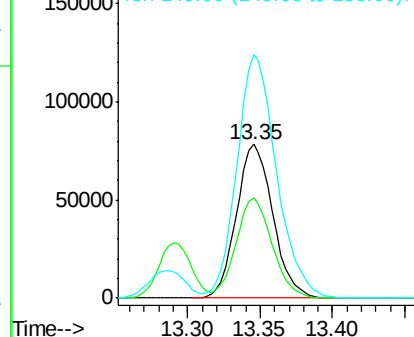


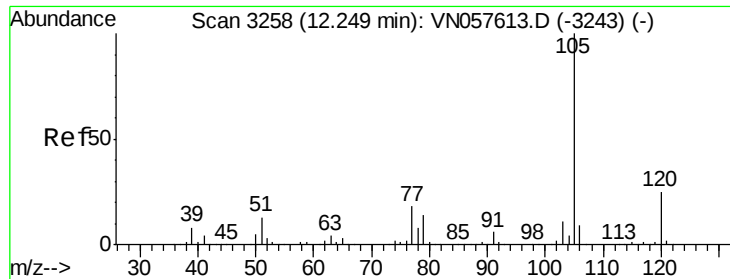
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN057659.D
Acq: 1 Sep 2019 21:32

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.5	33.2	99.6
150	172.5	0.0	365.2



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: 50.493 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN057659.D

Acq: 1 Sep 2019 21:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 694579

Ion Ratio Lower Upper

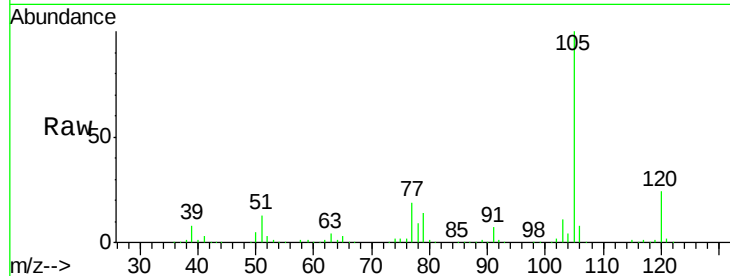
105 100

120 24.5 12.7 38.1

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

500000

400000

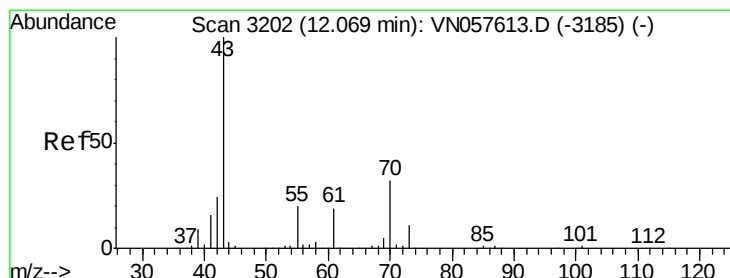
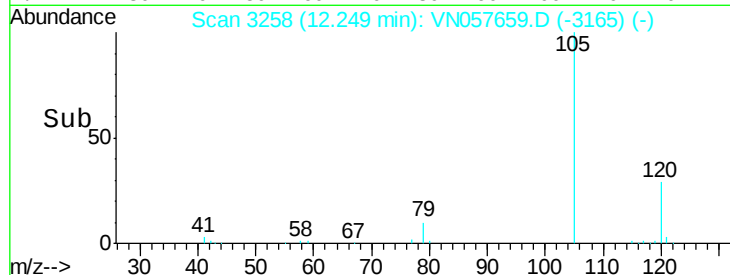
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 48.029 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN057659.D

Acq: 1 Sep 2019 21:32

Tgt Ion: 43 Resp: 311797

Ion Ratio Lower Upper

43 100

70 32.7 26.9 40.3

55 21.6 16.8 25.2

61 19.4 15.1 22.7

Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

300000

250000

200000

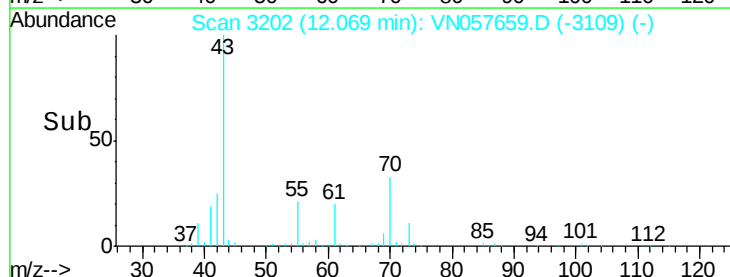
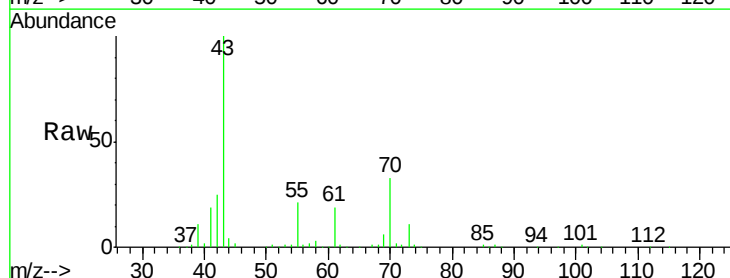
150000

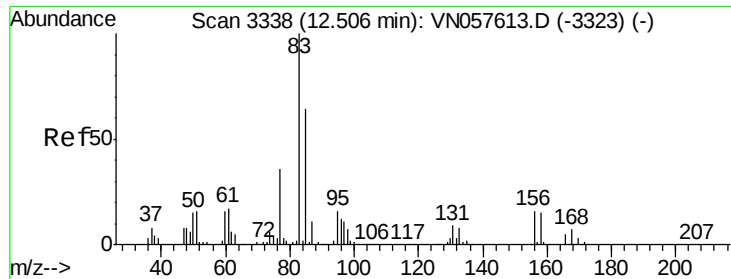
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 49.334 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN057659.D

Acq: 1 Sep 2019 21:32

Instrument :

MSVOA_N

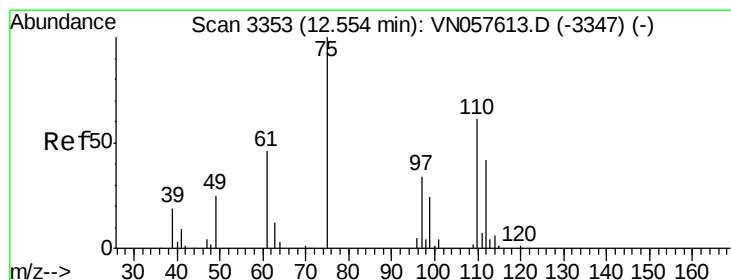
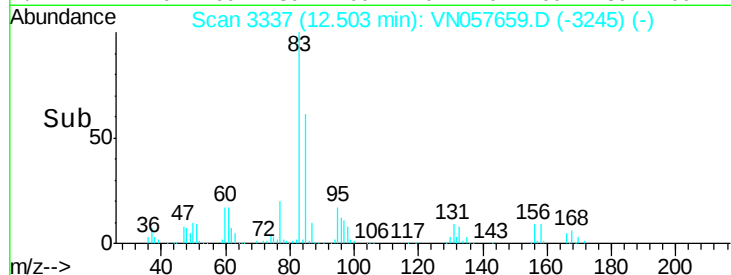
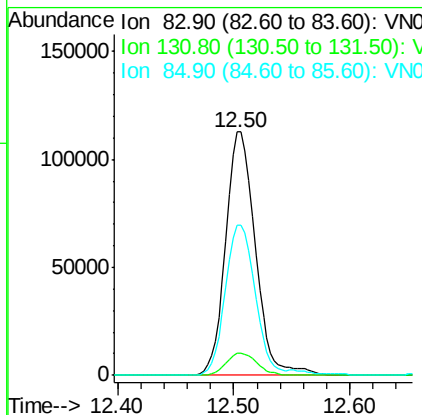
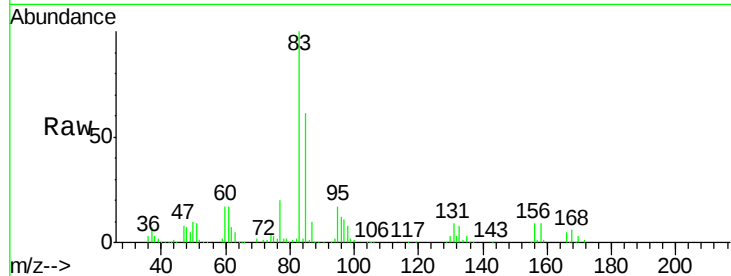
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	200013
Ion Ratio	Lower	Upper	
83	100		
131	9.5	4.5	13.7
85	61.7	31.3	93.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 51.017 ug/l m

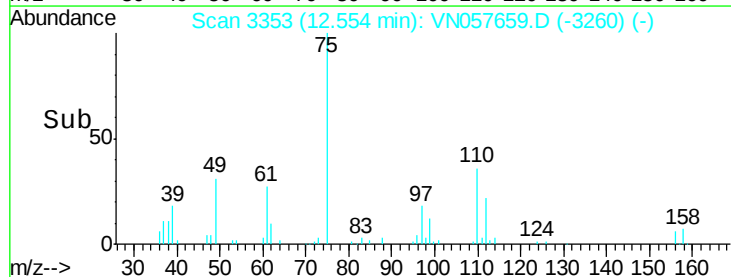
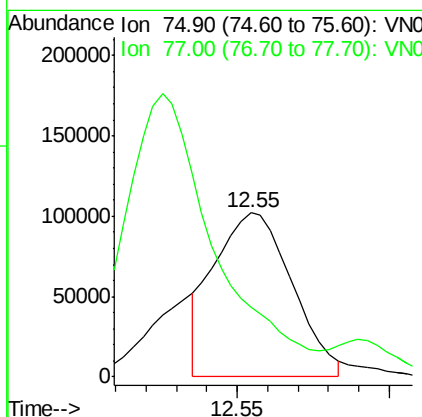
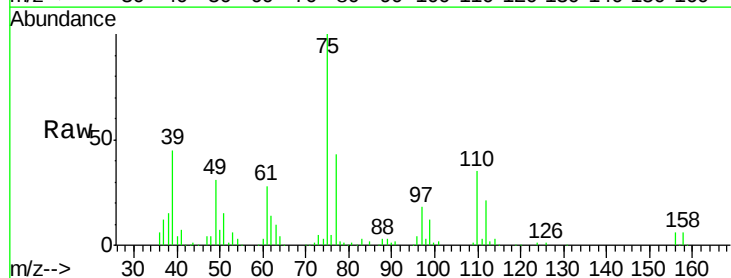
RT: 12.55 min Scan# 3353

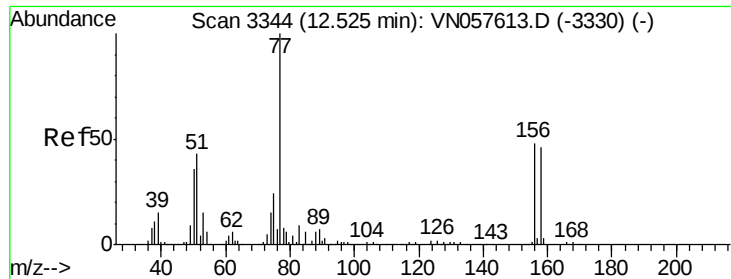
Delta R.T. 0.00 min

Lab File: VN057659.D

Acq: 1 Sep 2019 21:32

Tgt Ion:	75	Resp:	182839
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 51.357 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN057659.D

Acq: 1 Sep 2019 21:32

Instrument :

MSVOA_N

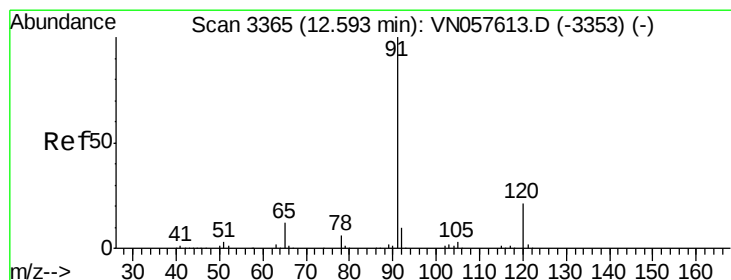
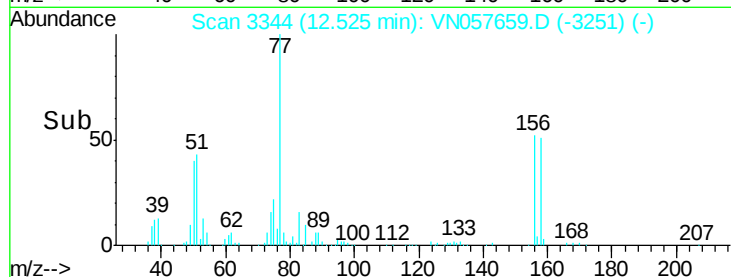
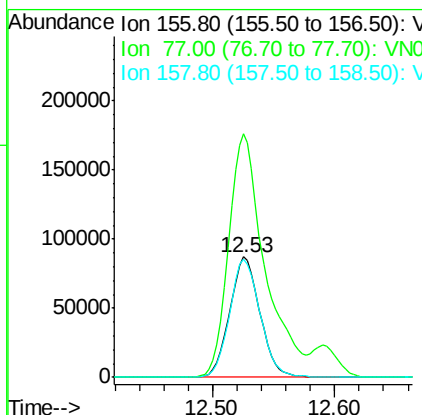
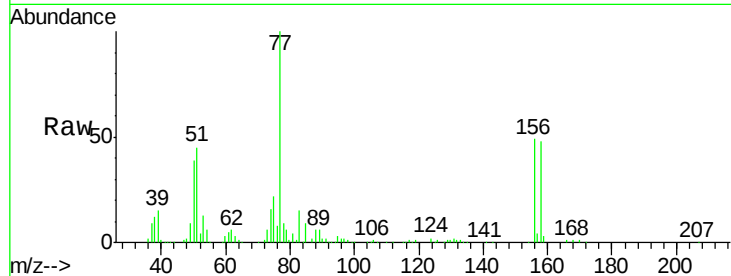
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	150362
Ion Ratio	Lower	Upper	
156	100		
77	242.6	123.5	370.5
158	99.1	47.8	143.3

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#78

n-propylbenzene

Concen: 51.214 ug/l

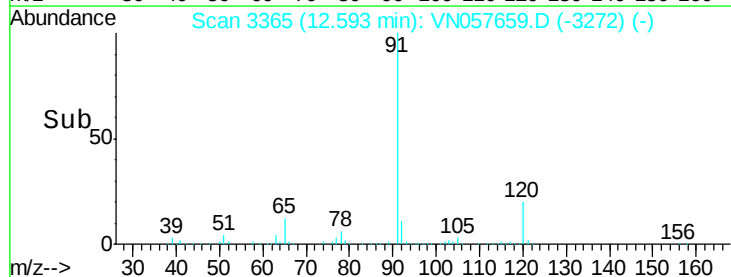
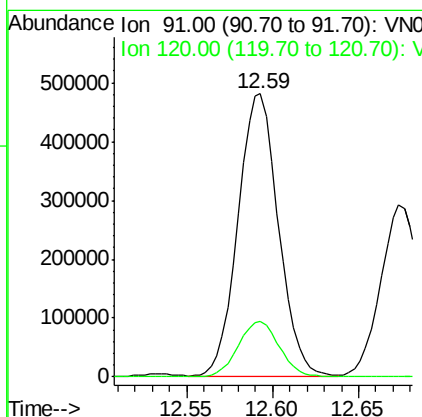
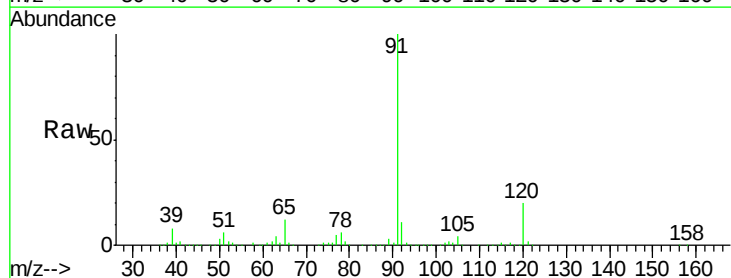
RT: 12.59 min Scan# 3365

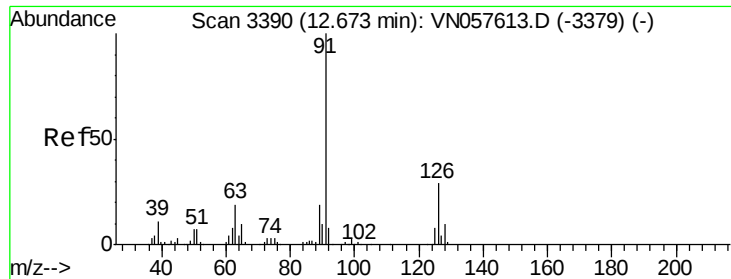
Delta R.T. 0.00 min

Lab File: VN057659.D

Acq: 1 Sep 2019 21:32

Tgt Ion:	91	Resp:	784109
Ion Ratio	Lower	Upper	
91	100		
120	20.2	10.4	31.4





#79

2-Chlorotoluene

Concen: 50.546 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN057659.D

Acq: 1 Sep 2019 21:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 482561

Ion Ratio Lower Upper

91 100

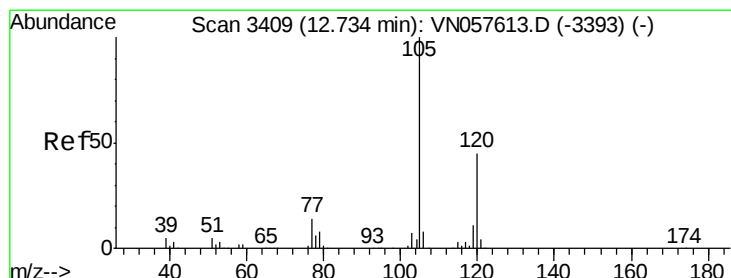
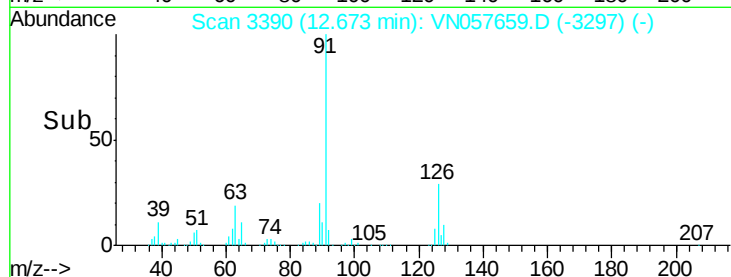
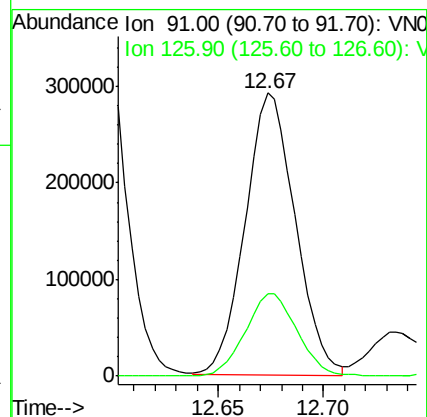
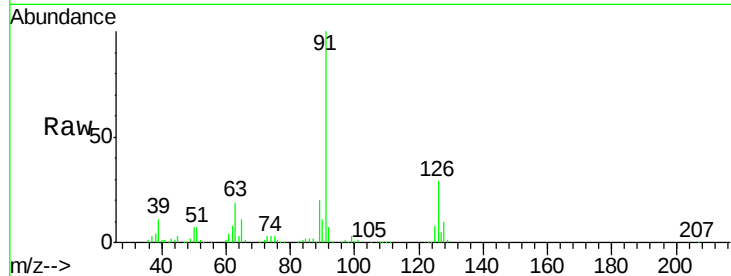
126 30.4 14.9 44.5

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#80

1,3,5-Trimethylbenzene

Concen: 51.330 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN057659.D

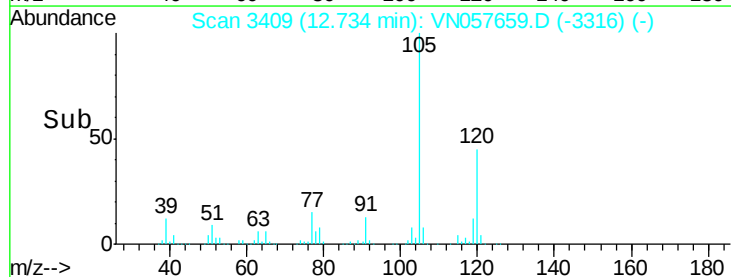
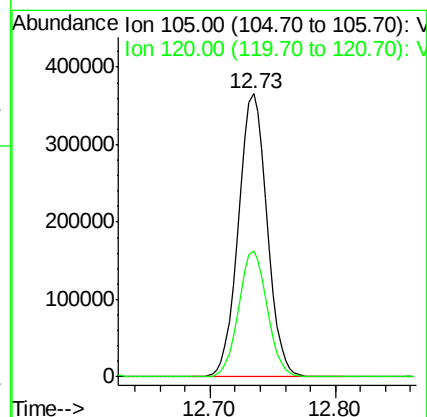
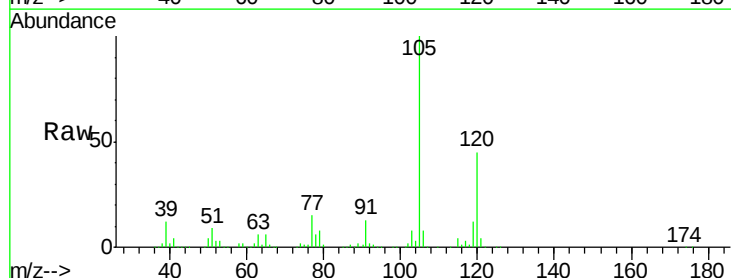
Acq: 1 Sep 2019 21:32

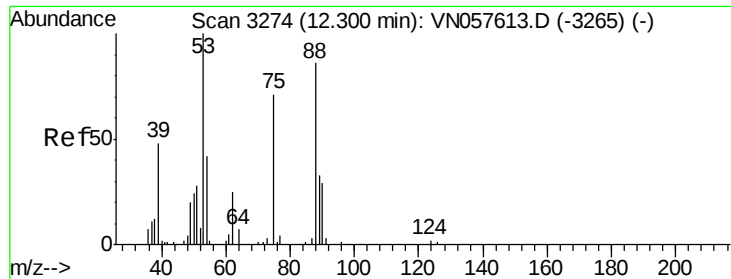
Tgt Ion: 105 Resp: 580887

Ion Ratio Lower Upper

105 100

120 44.3 22.6 67.8





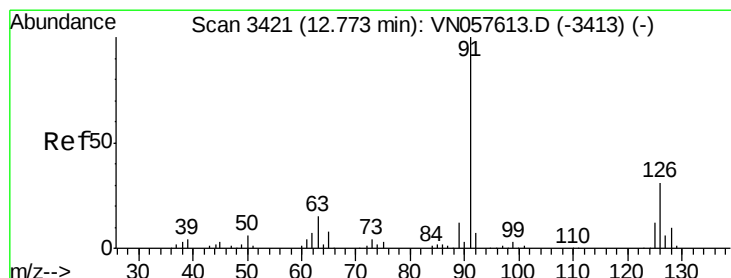
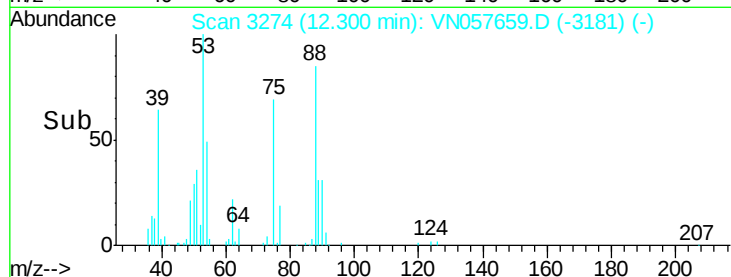
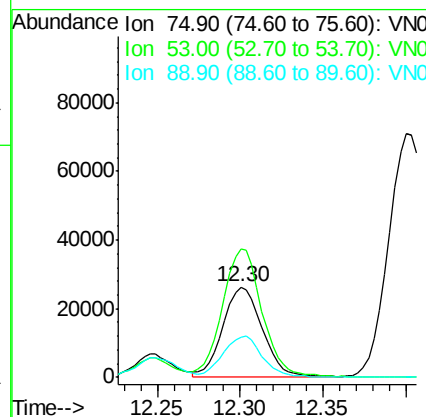
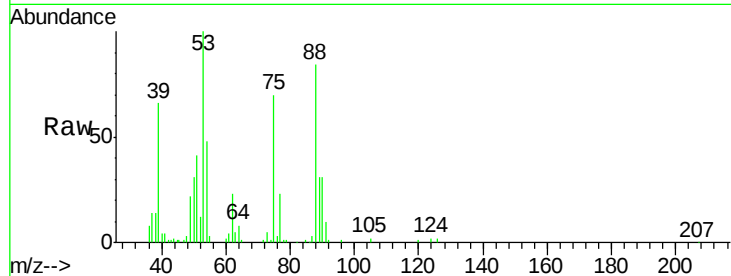
#81
trans-1,4-Dichloro-2-butene
Concen: 40.826 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN057659.D
Acq: 1 Sep 2019 21:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 42685
Ion Ratio Lower Upper
75 100
53 147.6 111.0 166.6
89 46.6 38.3 57.5

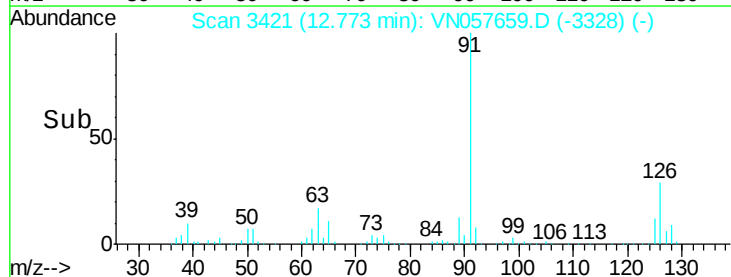
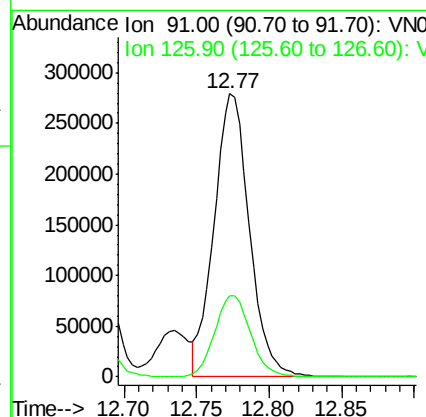
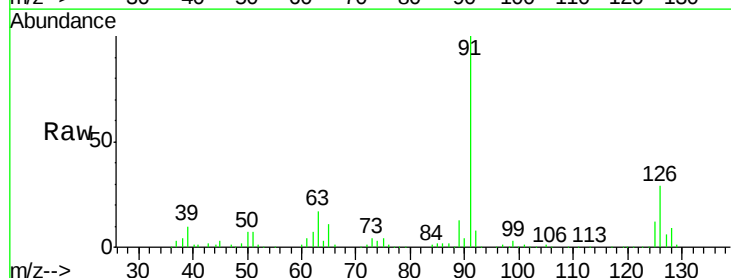
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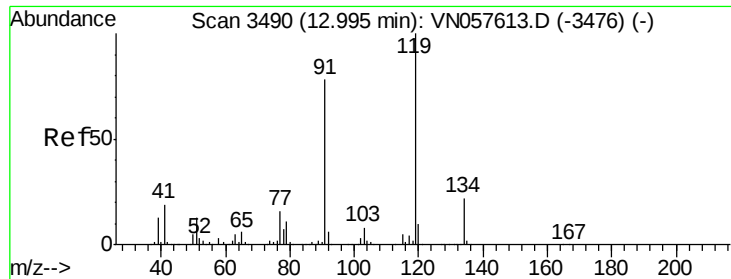
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#82
4-Chlorotoluene
Concen: 50.091 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN057659.D
Acq: 1 Sep 2019 21:32

Tgt Ion: 91 Resp: 473363
Ion Ratio Lower Upper
91 100
126 29.4 14.4 43.2





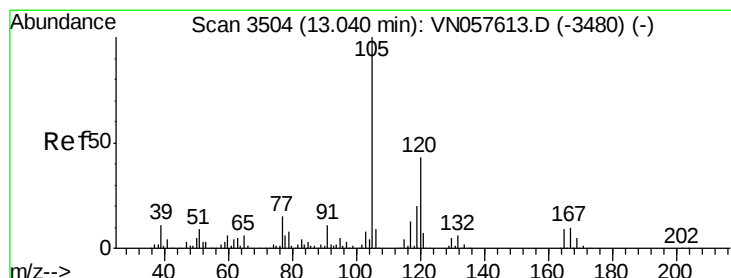
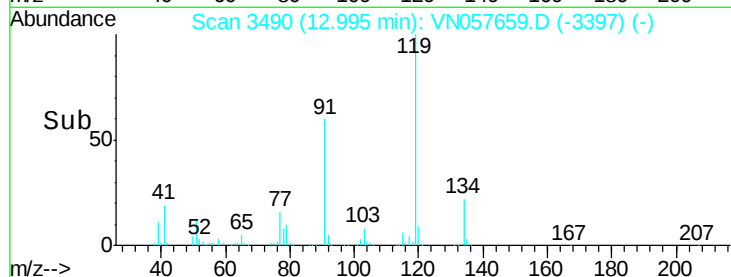
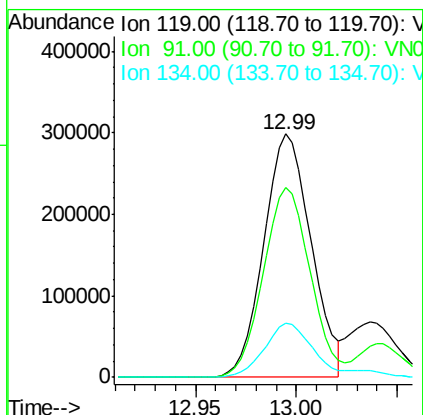
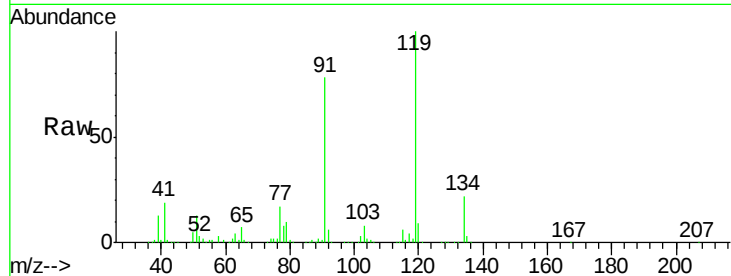
#83
tert-Butylbenzene
Concen: 50.786 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN057659.D
Acq: 1 Sep 2019 21:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	487658		
91	77.5	38.3	114.9	
134	22.6	11.3	33.8	

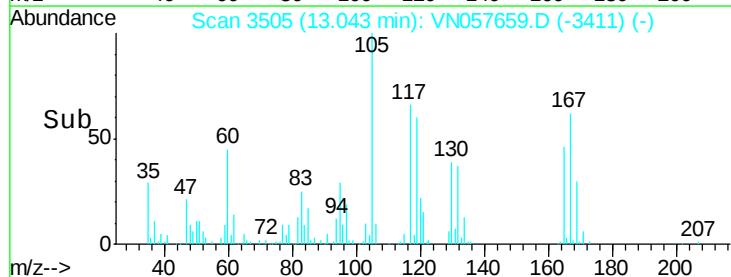
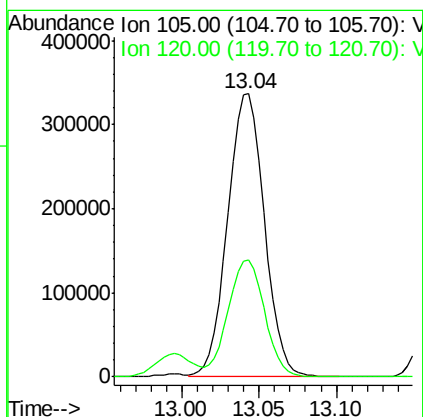
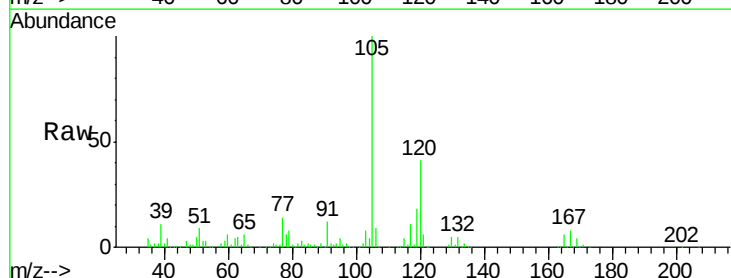
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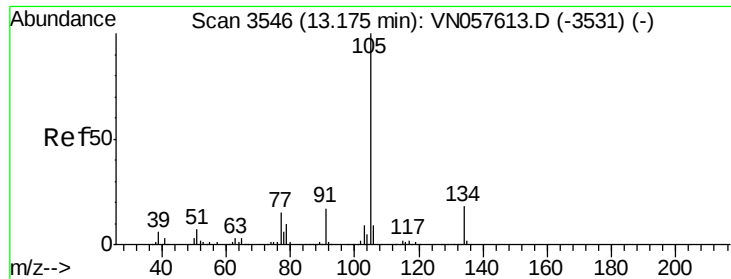
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#84
1,2,4-Trimethylbenzene
Concen: 50.553 ug/l
RT: 13.04 min Scan# 3505
Delta R.T. 0.00 min
Lab File: VN057659.D
Acq: 1 Sep 2019 21:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	553487		
120	41.3	20.8	62.5	





#85

sec-Butylbenzene

Concen: 50.627 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN057659.D

Acq: 1 Sep 2019 21:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 653884

Ion Ratio Lower Upper

105 100

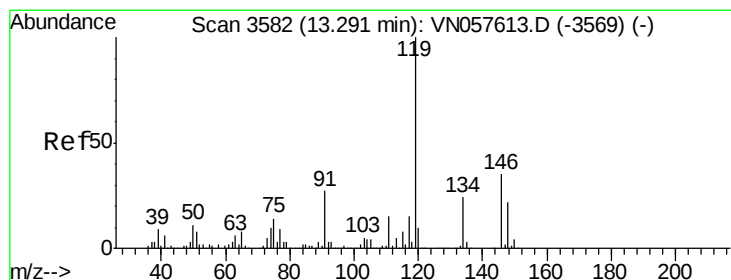
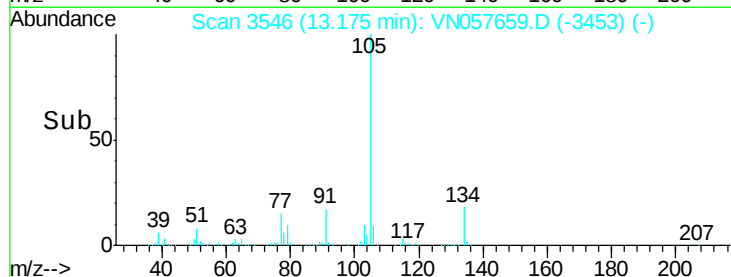
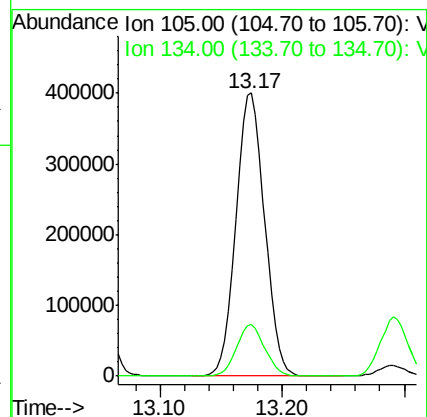
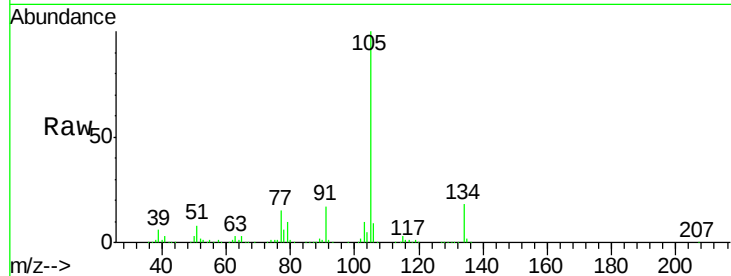
134 18.0 8.9 26.8

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#86

p-Isopropyltoluene

Concen: 49.811 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN057659.D

Acq: 1 Sep 2019 21:32

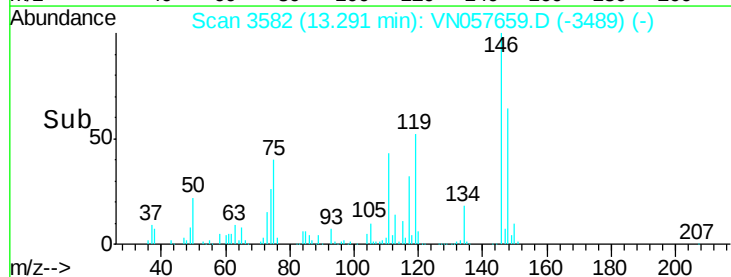
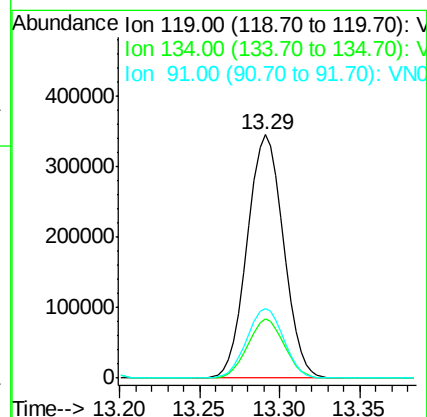
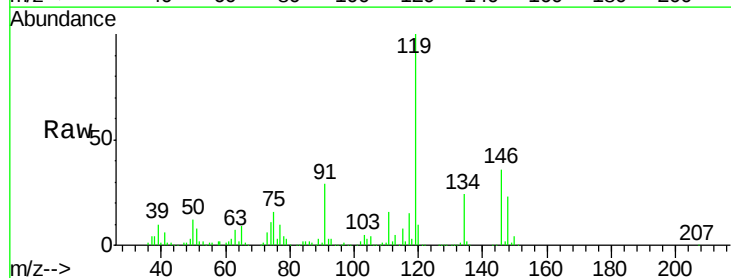
Tgt Ion:119 Resp: 532048

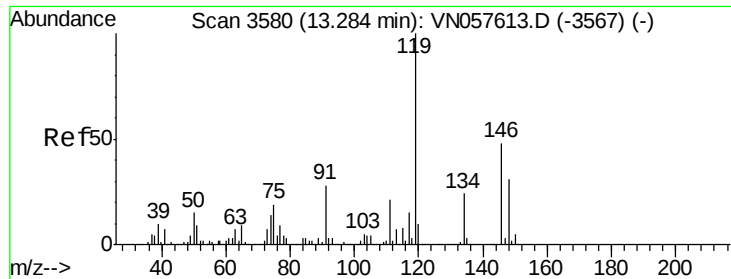
Ion Ratio Lower Upper

119 100

134 24.5 11.9 35.5

91 29.3 13.7 41.0





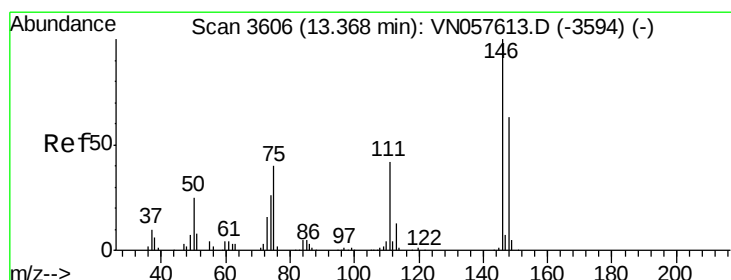
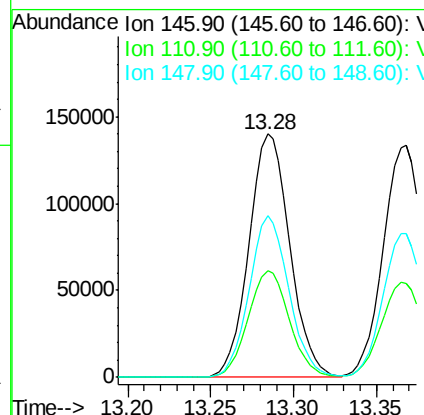
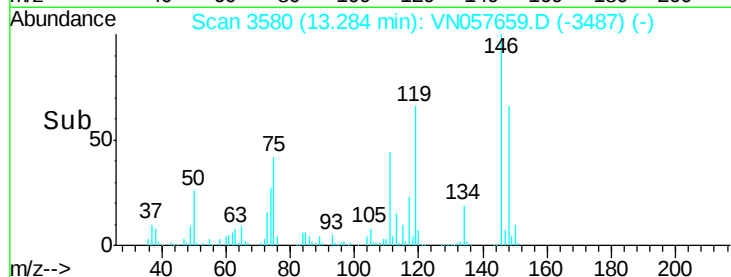
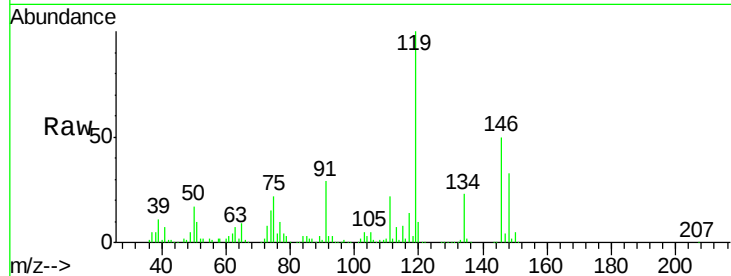
#87
 1,3-Dichlorobenzene
 Concen: 50.506 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN057659.D
 Acq: 1 Sep 2019 21:32

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	240900		
111	44.3	21.8	65.3	
148	64.5	31.4	94.2	

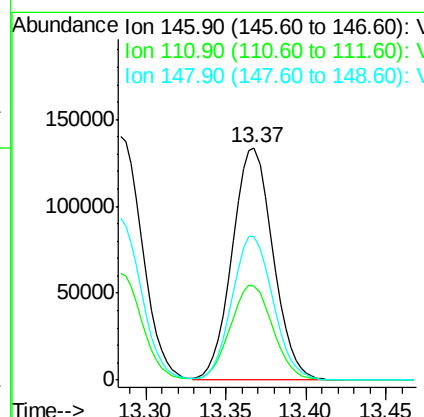
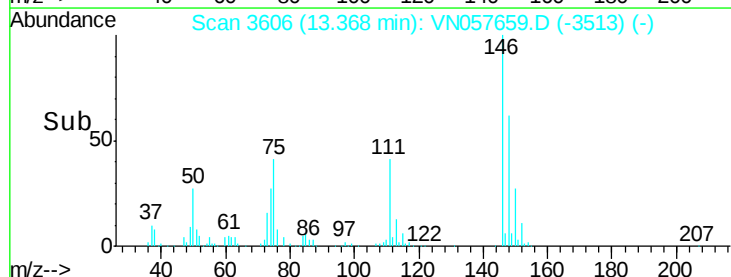
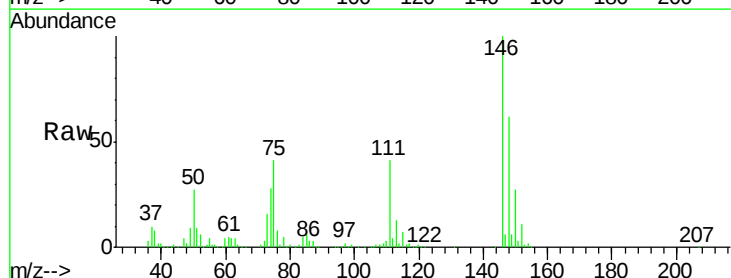
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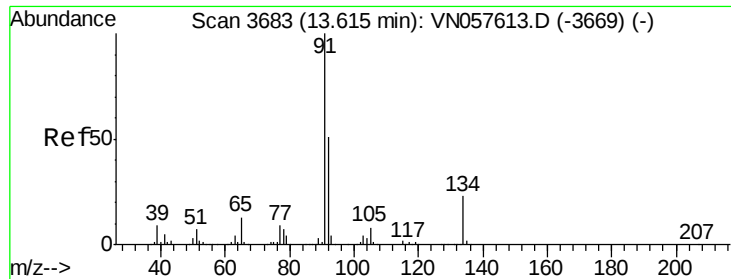
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#88
 1,4-Dichlorobenzene
 Concen: 50.545 ug/l
 RT: 13.37 min Scan# 3606
 Delta R.T. 0.00 min
 Lab File: VN057659.D
 Acq: 1 Sep 2019 21:32

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	232876		
111	42.7	21.6	65.0	
148	62.5	32.2	96.6	





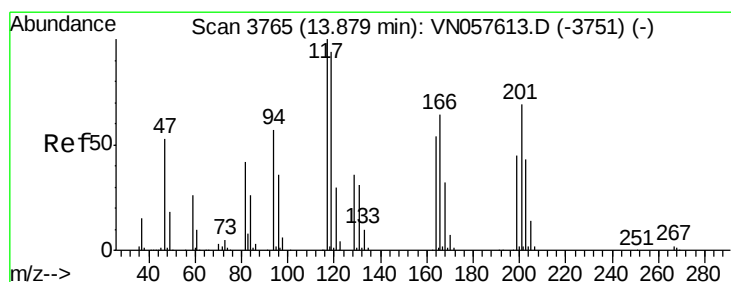
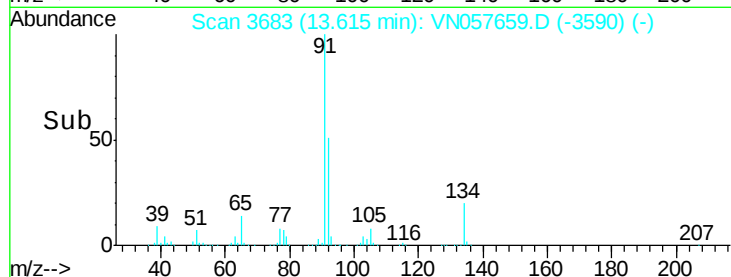
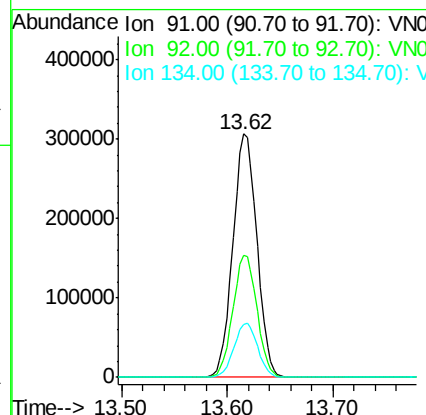
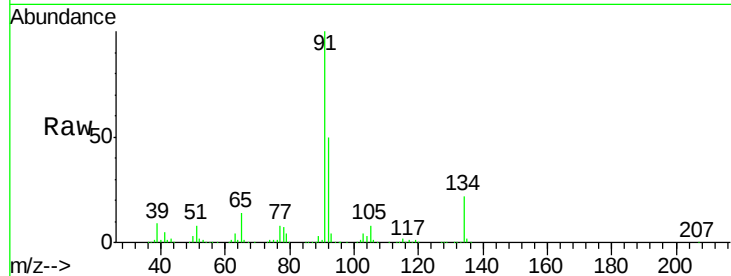
#89
n-Butylbenzene
Concen: 48.112 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN057659.D
Acq: 1 Sep 2019 21:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.1	25.4	76.0
134	21.8	11.0	33.0

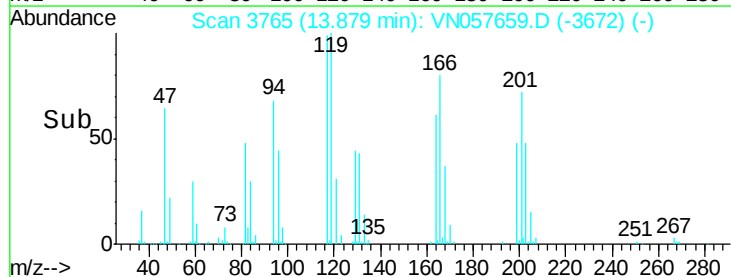
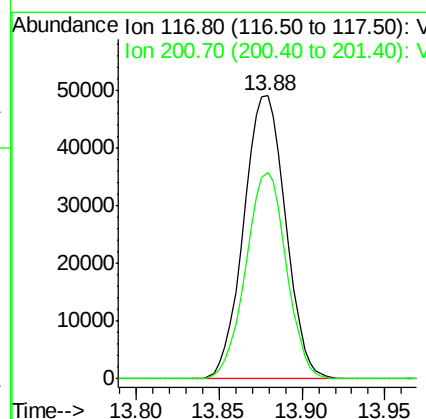
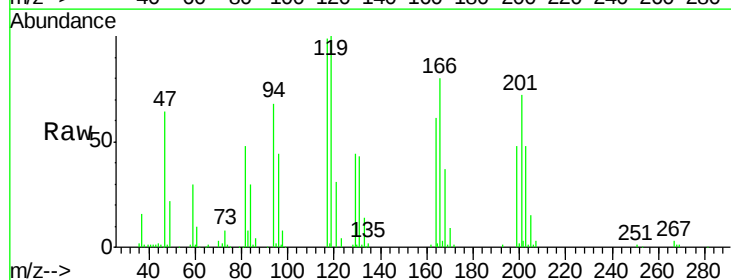
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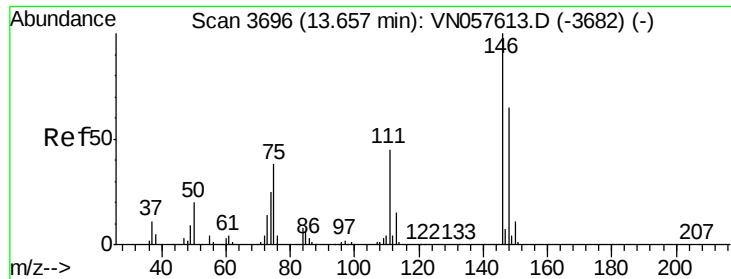
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#90
Hexachloroethane
Concen: 46.575 ug/l
RT: 13.88 min Scan# 3765
Delta R.T. 0.00 min
Lab File: VN057659.D
Acq: 1 Sep 2019 21:32

Tgt Ion	Ratio	Lower	Upper
117	100		
201	70.2	34.4	103.2





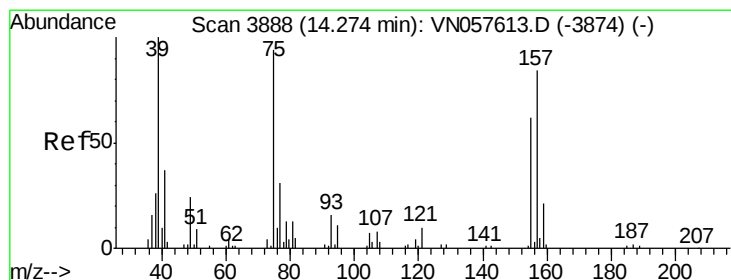
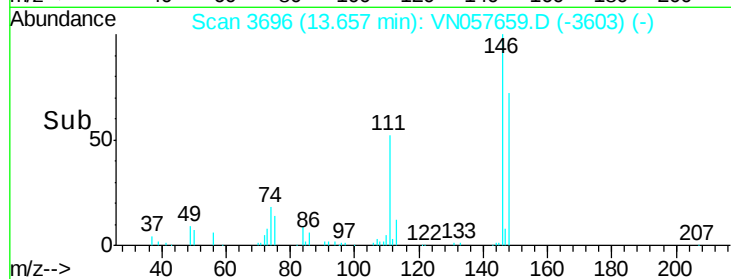
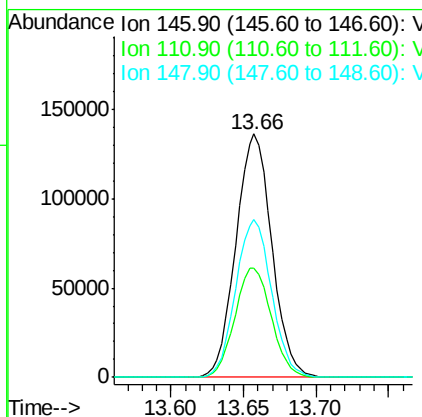
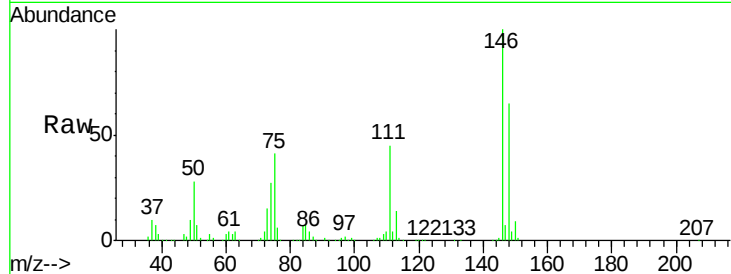
#91
 1,2-Dichlorobenzene
 Concen: 51.643 ug/l
 RT: 13.66 min Scan# 3696
 Delta R.T. 0.00 min
 Lab File: VN057659.D
 Acq: 1 Sep 2019 21:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.5	22.1	66.5
148	64.4	31.6	94.7

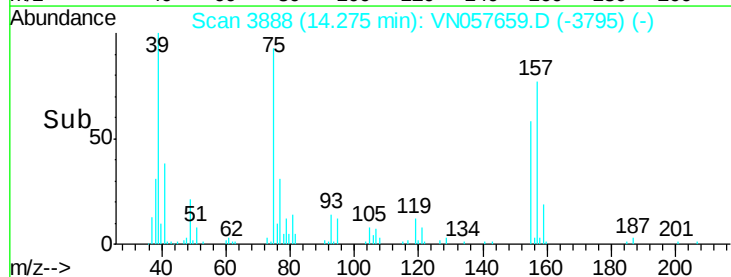
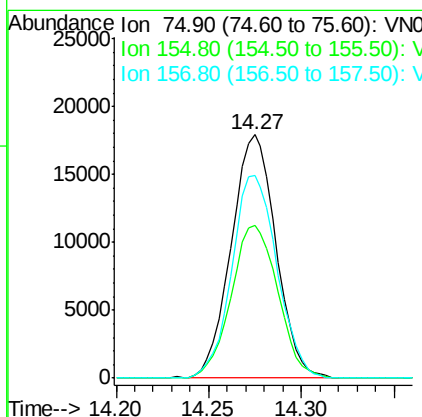
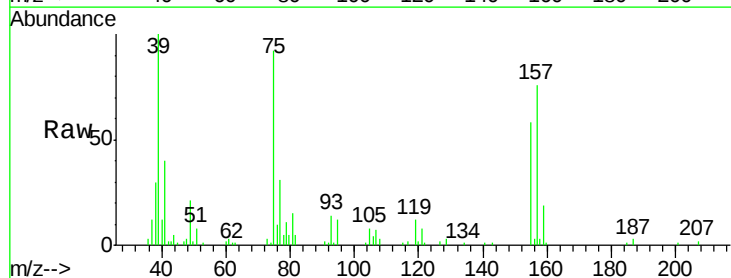
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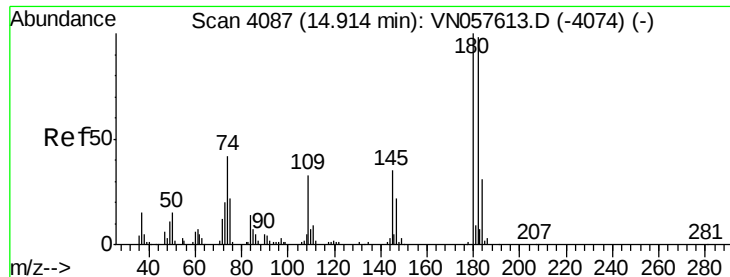
MMDadoda
 9/3/2019 11:03:09 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.064 ug/l
 RT: 14.27 min Scan# 3888
 Delta R.T. 0.00 min
 Lab File: VN057659.D
 Acq: 1 Sep 2019 21:32

Tgt Ion	Ratio	Lower	Upper
75	100		
155	65.5	30.1	90.5
157	84.2	41.4	124.4





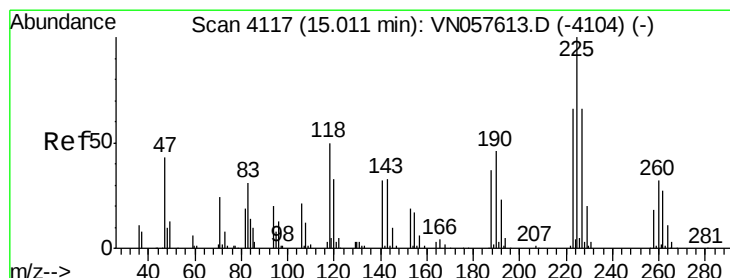
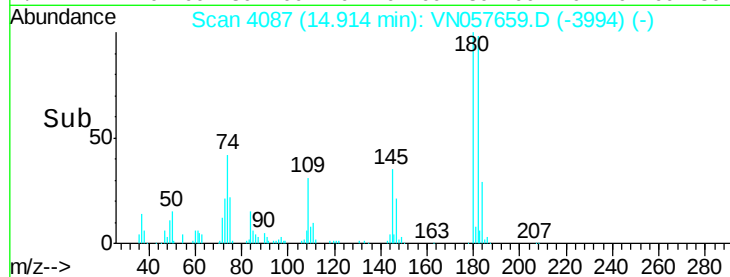
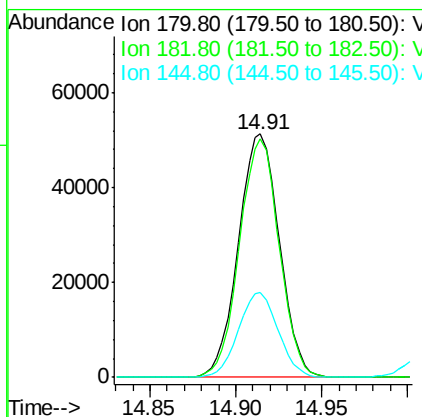
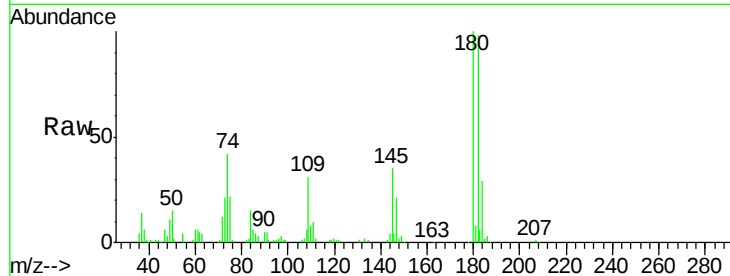
#93
 1,2,4-Trichlorobenzene
 Concen: 44.146 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN057659.D
 Acq: 1 Sep 2019 21:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	84910		
182	95.0	47.8	143.3	
145	34.0	16.9	50.7	

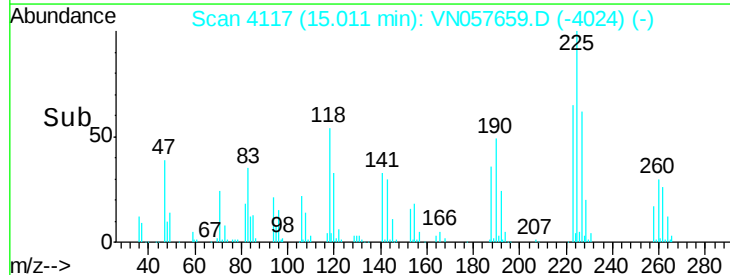
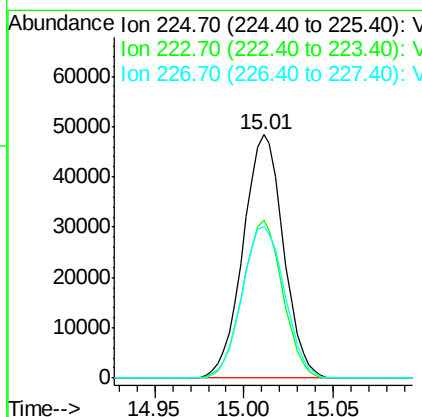
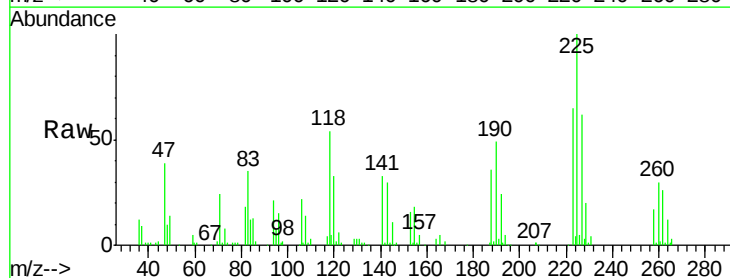
Manual Integrations
 APPROVED

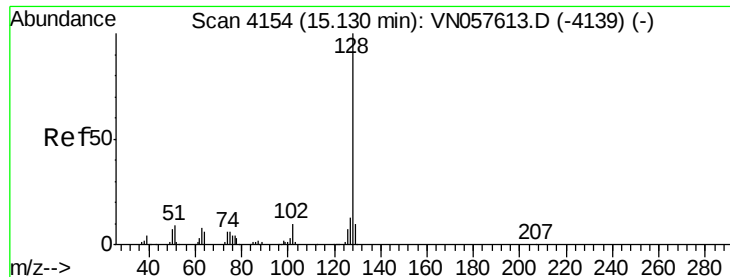
MMDadoda
 9/3/2019 11:03:09 AM



#94
 Hexachlorobutadiene
 Concen: 48.901 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN057659.D
 Acq: 1 Sep 2019 21:32

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	76379		
223	64.2	32.3	96.8	
227	65.6	32.4	97.2	





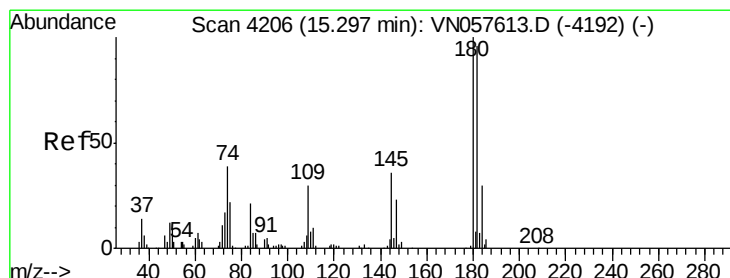
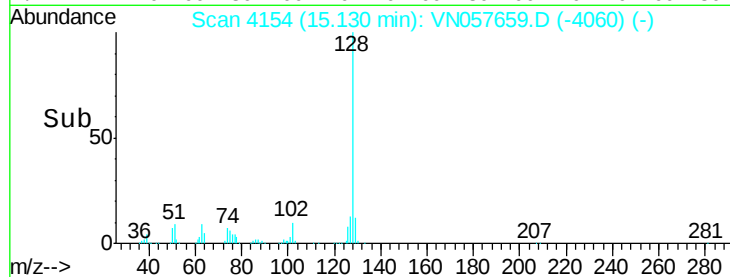
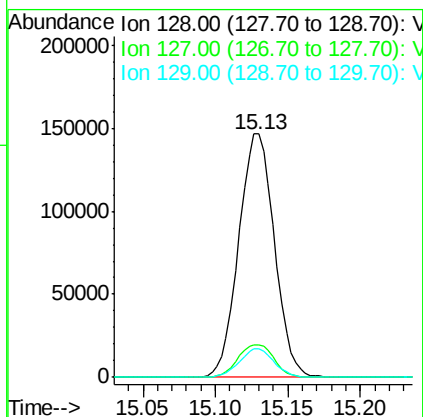
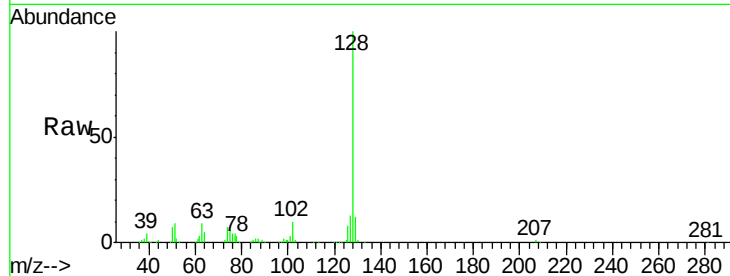
#95
Naphthalene
Concen: 43.962 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN057659.D
Acq: 1 Sep 2019 21:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
128	100		250965		
127	13.7		10.2	15.2	
129	11.5		8.6	12.8	

Manual Integrations
APPROVED

MMDadoda
9/3/2019 11:03:09 AM



#96
1,2,3-Trichlorobenzene
Concen: 44.580 ug/l
RT: 15.30 min Scan# 4206
Delta R.T. 0.00 min
Lab File: VN057659.D
Acq: 1 Sep 2019 21:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		86138		
182	93.3		46.3	138.9	
145	34.9		17.8	53.3	

