

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061219\
 Data File : VN056243.D
 Acq On : 12 Jun 2019 12:25
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC020EC

Manual Integrations
 APPROVED

MMDadoda
 6/13/2019 9:42:24 AM

Quant Time: Jun 13 05:04:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N060619W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jun 06 04:02:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	47873	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	230074	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	211137	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.02	65	89894	30.24	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.80%
60) 4-Bromofluorobenzene	12.40	95	90107	28.79	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	95.97%
63) Toluene-d8	10.09	98	287753	30.04	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.13%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.85	85	53033	19.696	ug/l 99
3) Chloromethane	2.06	50	60885	19.353	ug/l 98
4) Vinyl Chloride	2.18	62	57450	17.911	ug/l 98
5) Bromomethane	2.55	94	40728	20.204	ug/l 99
6) Chloroethane	2.69	64	33789	18.624	ug/l 95
7) Trichlorofluoromethane	3.01	101	73781	18.591	ug/l 95
8) Diethyl Ether	3.40	74	31087	18.470	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	3.74	101	46841	19.121	ug/l 99
10) 1,1-Dichloroethene	3.72	96	44719	17.895	ug/l 93
11) Methyl Iodide	3.94	142	69515	17.631	ug/l 100
12) Methyl Acetate	4.33	43	57512	19.152	ug/l 99
13) Acrolein	3.60	56	15061	102.900	ug/l 95
14) Acrylonitrile	4.99	53	132930	99.264	ug/l 98
15) Acetone	3.82	58	39294	89.614	ug/l 96
16) Carbon Disulfide	4.04	76	107723	18.117	ug/l 100
17) Allyl chloride	4.31	41	70481	18.203	ug/l 99
18) Methylene Chloride	4.55	84	57386	19.836	ug/l 96
19) trans-1,2-Dichloroethene	5.04	96	49029	18.380	ug/l 97
20) Diisopropyl ether	5.95	45	155464	19.380	ug/l 99
21) 1,1-Dichloroethane	5.84	63	88948	19.079	ug/l 100
22) cis-1,2-Dichloroethene	6.83	96	59234	19.026	ug/l 99
23) tert-Butyl Alcohol	4.81	59	39820	76.393	ug/l # 100
24) Methyl tert-Butyl Ether	5.05	73	151982	19.084	ug/l 99
25) Chloroform	7.37	83	91865	19.734	ug/l 99
26) Cyclohexane	7.65	56	76214	17.621	ug/l # 100
29) 1,1-Dichloropropene	7.79	75	63508	20.407	ug/l 99
30) 2-Butanone	6.84	43	173756	106.053	ug/l 100
31) 2,2-Dichloropropane	6.82	77	53733	18.560	ug/l 99
32) 1,1,1-Trichloroethane	7.57	97	71968	20.930	ug/l 100
33) Carbon Tetrachloride	7.77	117	61880	21.242	ug/l 99
34) Benzene	8.04	78	206724	20.848	ug/l 99
35) Methacrylonitrile	7.18	41	30815	22.273	ug/l 98
36) 1,2-Dichloroethane	8.12	62	71182	22.918	ug/l 98
37) Trichloroethene	8.83	130	58666	21.143	ug/l 100
38) Methylcyclohexane	9.08	83	78118	19.800	ug/l 99
39) 1,2-Dichloropropane	9.12	63	55237	21.750	ug/l 98
40) Dibromomethane	9.21	93	37997	22.565	ug/l 97

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.40	83	68856	22.836	ug/l	99
42) Vinyl Acetate	5.90	43	634896	108.695	ug/l	99
43) Ethyl Acetate	6.93	43	65476	20.881	ug/l	98
44) Isopropyl Acetate	8.17	43	100684	20.681	ug/l	100
45) 1,4-Dioxane	9.20	88	22017	422.750	ug/l	94
46) Methyl methacrylate	9.20	41	48863	20.203	ug/l	99
47) n-amyl Acetate	12.07	43	79158	19.661	ug/l	95
48) t-1,3-Dichloropropene	10.38	75	63343	19.962	ug/l	100
49) cis-1,3-Dichloropropene	9.84	75	76268	20.526	ug/l	98
50) 1,1,2-Trichloroethane	10.56	97	55559	22.214	ug/l	98
51) Ethyl methacrylate	10.43	69	76650	20.257	ug/l	97
52) 1,3-Dichloropropane	10.71	76	89972	22.190	ug/l	99
53) Dibromochloromethane	10.90	129	56730	23.171	ug/l	99
54) 1,2-Dibromoethane	11.00	107	57004	21.842	ug/l	98
55) 2-Chloroethyl vinyl ether	9.70	63	123092	92.875	ug/l	99
56) Bromoform	12.13	173	40743	23.003	ug/l #	96
58) 4-Methyl-2-Pentanone	9.99	43	339202	106.095	ug/l	98
59) 2-Hexanone	10.75	43	236667	103.568	ug/l	99
61) Tetrachloroethene	10.63	164	62035	21.081	ug/l	98
62) Toluene	10.16	91	227126	19.927	ug/l	99
64) Chlorobenzene	11.43	112	141176	20.420	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.51	131	53070	21.288	ug/l	99
66) Ethyl Benzene	11.51	91	235968	19.437	ug/l	100
67) m/p-Xylenes	11.62	106	183211	39.428	ug/l	99
68) o-Xylene	11.95	106	91385	20.088	ug/l	100
69) Styrene	11.96	104	143605	19.430	ug/l	99
70) Isopropylbenzene	12.25	105	237219	19.958	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.50	83	77717	21.688	ug/l	99
72) 1,2,3-Trichloropropane	12.55	75	65304m	21.051	ug/l	
73) Bromobenzene	12.53	156	65098	20.634	ug/l	97
74) n-propylbenzene	12.59	91	242050	19.298	ug/l	100
75) 2-Chlorotoluene	12.67	91	155747	20.019	ug/l	100
76) 1,3,5-Trimethylbenzene	12.73	105	194002	19.843	ug/l	100
77) t-1,4-Dichloro-2-butene	12.30	75	14280	16.133	ug/l	89
78) 4-Chlorotoluene	12.77	91	140730	19.369	ug/l	99
79) tert-butylbenzene	12.99	119	172241	19.885	ug/l	100
80) 1,2,4-Trimethylbenzene	13.04	105	185657	19.521	ug/l	99
81) sec-Butylbenzene	13.17	105	216809	19.786	ug/l	100
82) p-Isopropyltoluene	13.29	119	192588	19.440	ug/l	99
83) 1,3-Dichlorobenzene	13.28	146	93014	18.919	ug/l	99
84) 1,4-Dichlorobenzene	13.36	146	86155	18.396	ug/l	99
85) n-Butylbenzene	13.61	91	124479	16.835	ug/l	98
86) Hexachloroethane	13.87	117	32139	20.809	ug/l	96
87) 1,2-Dichlorobenzene	13.65	146	97653	19.540	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	14.27	75	10655	18.942	ug/l	95
89) 1,2,4-Trichlorobenzene	14.91	180	34238	18.322	ug/l	99
90) Hexachlorobutadiene	15.01	225	40427	22.159	ug/l	99
91) Naphthalene	15.13	128	87092	13.122	ug/l	99
92) 1,2,3-Trichlorobenzene	15.31	180	42017	16.062	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

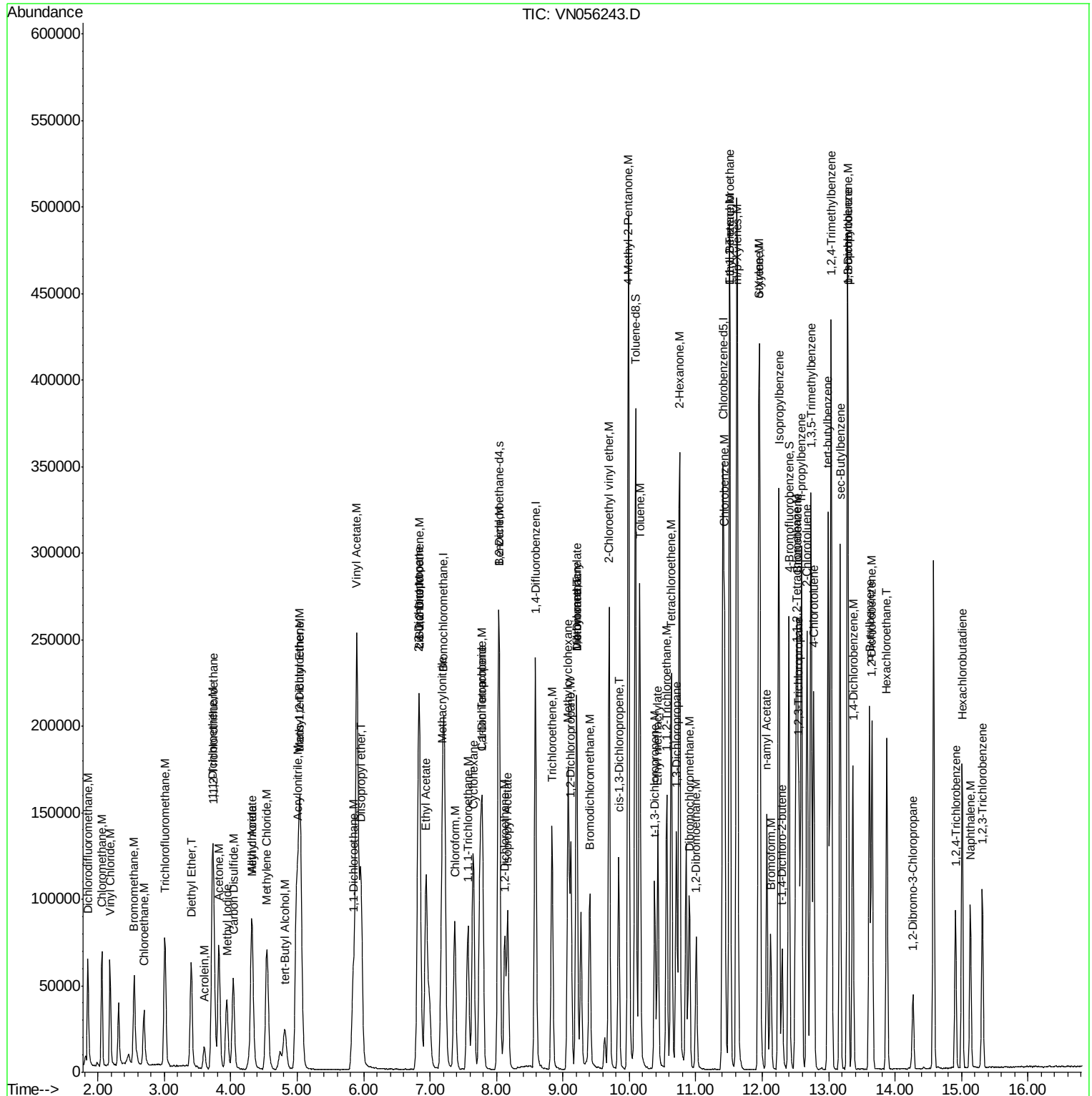
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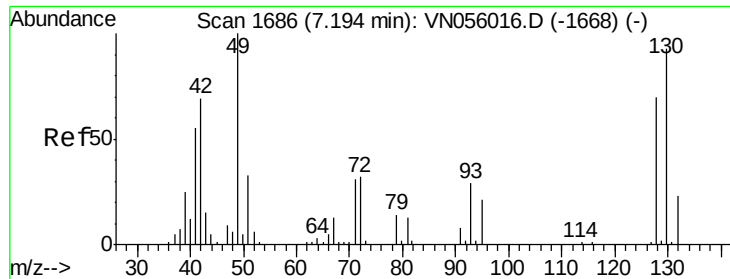
Instrument :
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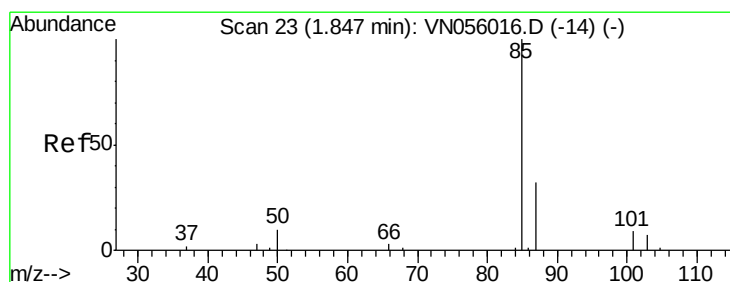
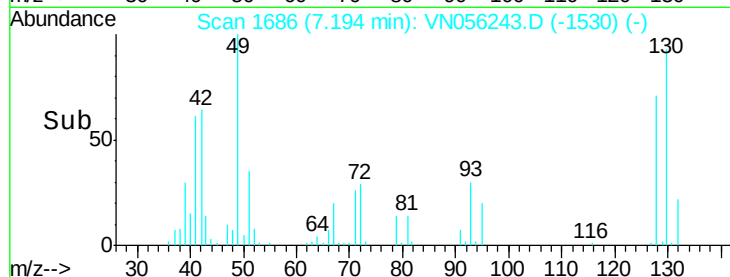
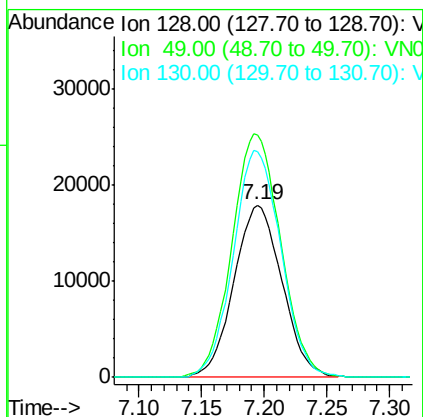
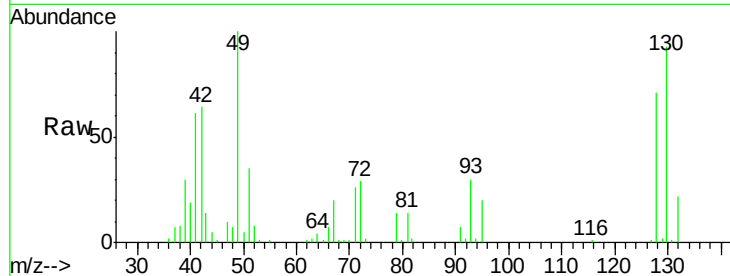
#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.19 min Scan# 1686
 Delta R.T. 0.00 min
 Lab File: VN056243.D
 Acq: 12 Jun 2019 12:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
128	100		
49	142.9	0.0	355.8
130	130.7	0.0	326.3

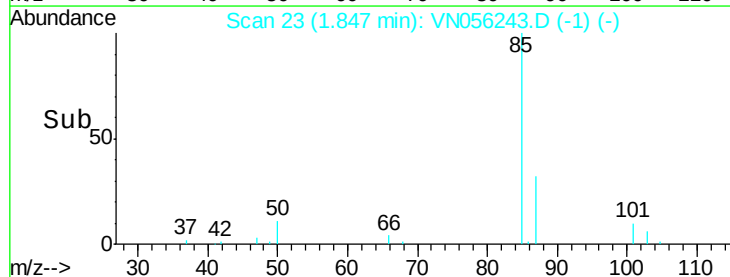
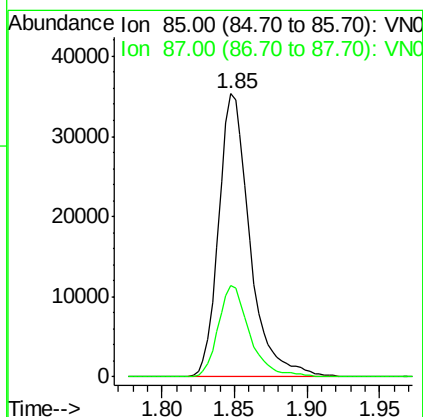
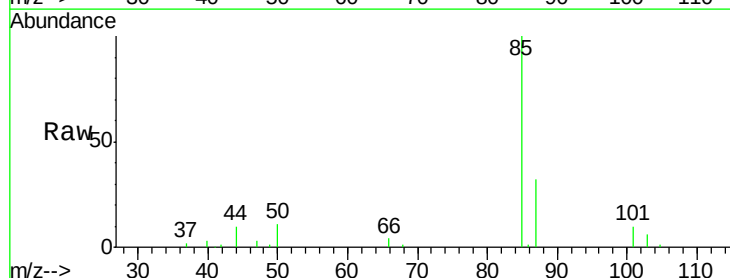
Manual Integrations
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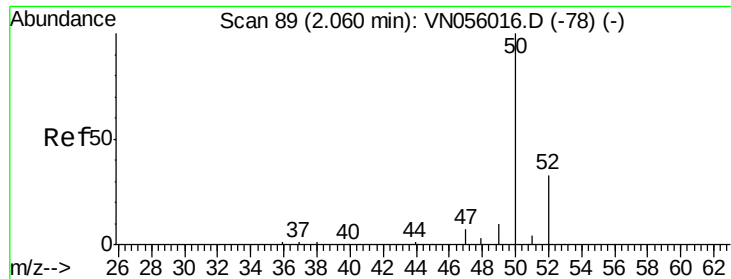
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#2
 Dichlorodifluoromethane
 Concen: 19.696 ug/l
 RT: 1.85 min Scan# 23
 Delta R.T. 0.00 min
 Lab File: VN056243.D
 Acq: 12 Jun 2019 12:25

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.2	15.9	47.7





#3

Chloromethane

Concen: 19.353 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN056243.D

Acq: 12 Jun 2019 12:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tot Ion: 50 Resp: 60885

Ion Ratio Lower Upper

50 100

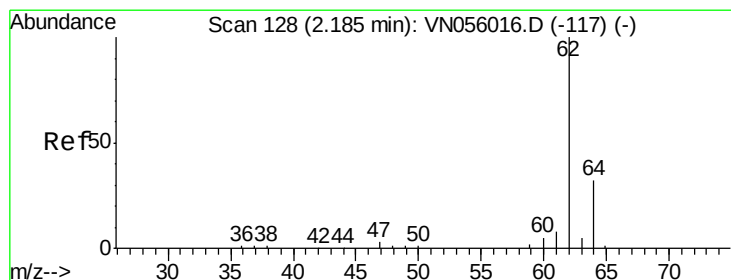
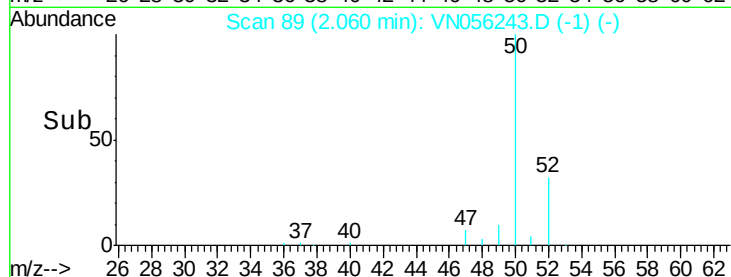
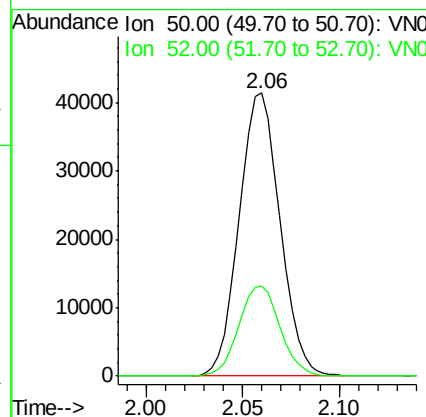
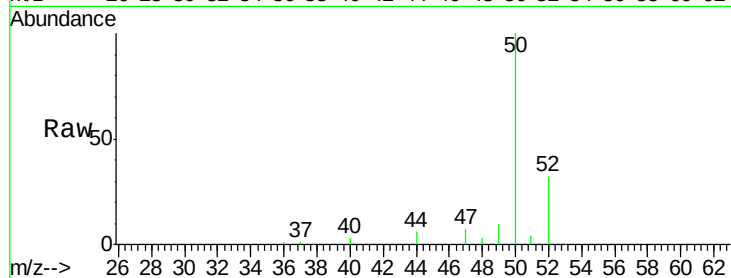
52 32.1 26.7 40.1

Manual Integrations

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6/13/2019 9:42:24 AM



#4

Vinyl Chloride

Concen: 17.911 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN056243.D

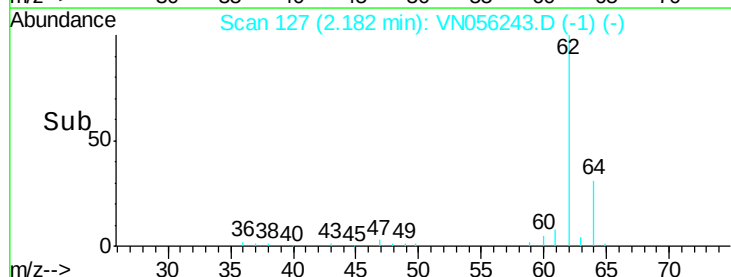
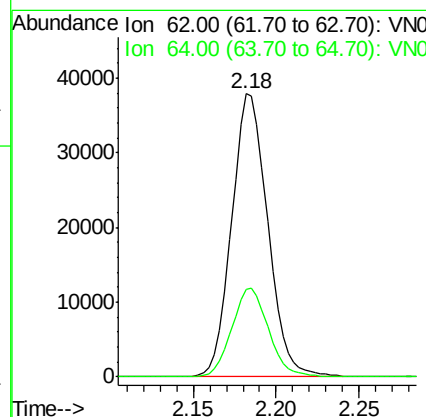
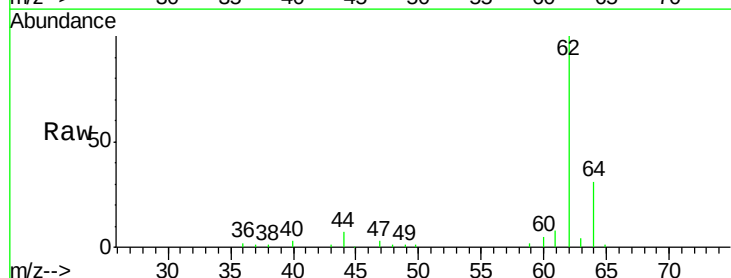
Acq: 12 Jun 2019 12:25

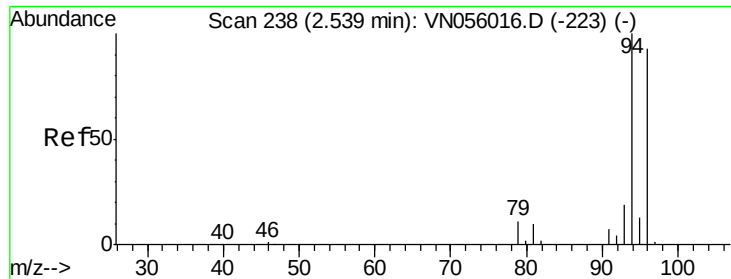
Tgt Ion: 62 Resp: 57450

Ion Ratio Lower Upper

62 100

64 31.0 25.8 38.8





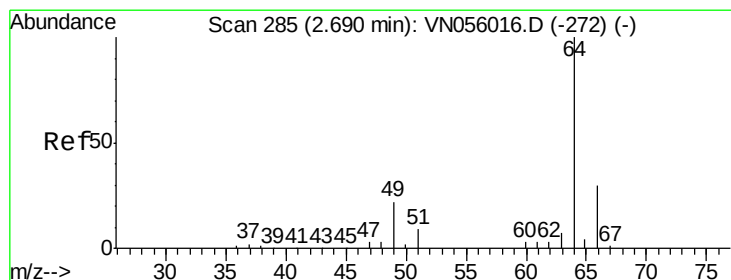
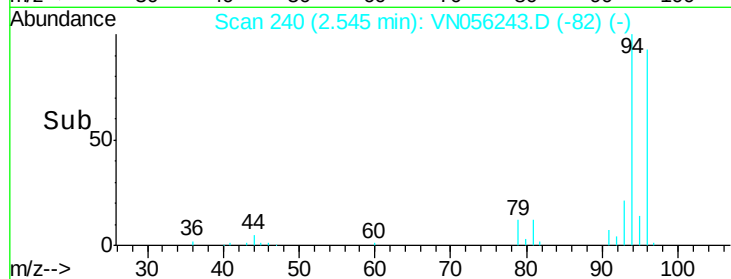
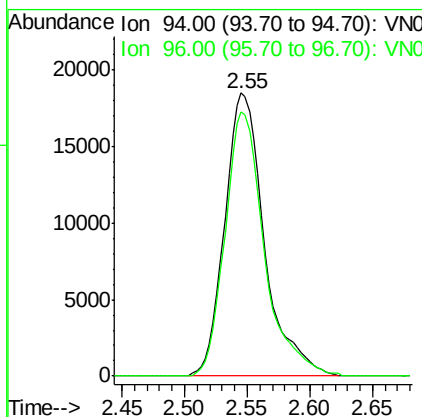
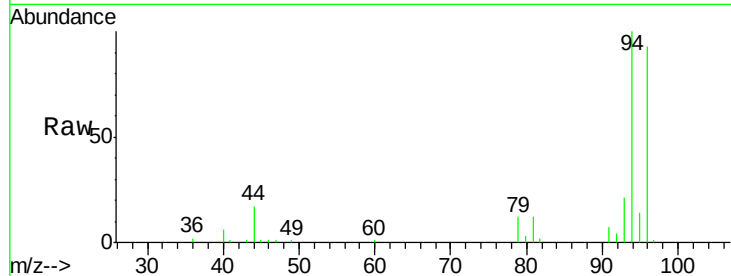
#5
Bromomethane
Concen: 20.204 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.01 min
Lab File: VN056243.D
Acq: 12 Jun 2019 12:25

Instrument :
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Tot Ion: 94 Resp: 40728
Ion Ratio Lower Upper
94 100
96 93.3 74.1 111.1

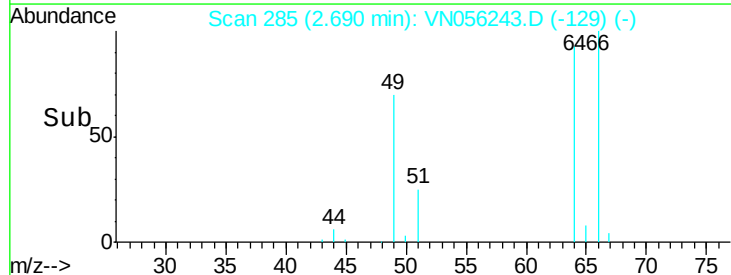
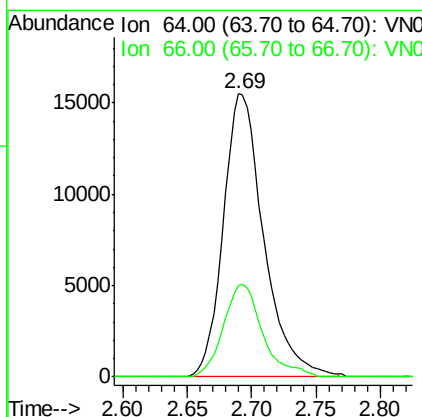
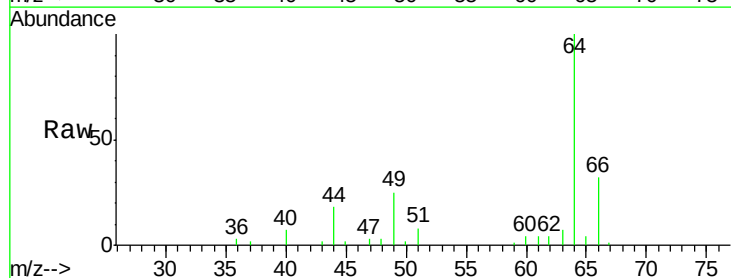
Manual Integrations
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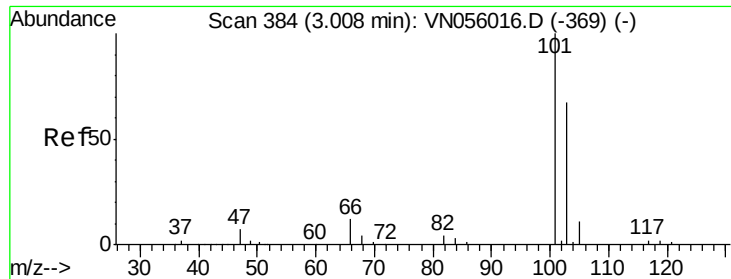
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#6
Chloroethane
Concen: 18.624 ug/l
RT: 2.69 min Scan# 285
Delta R.T. 0.00 min
Lab File: VN056243.D
Acq: 12 Jun 2019 12:25

Tgt Ion: 64 Resp: 33789
Ion Ratio Lower Upper
64 100
66 32.2 23.7 35.5





#7

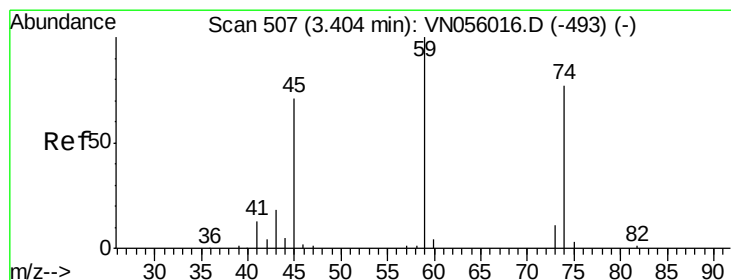
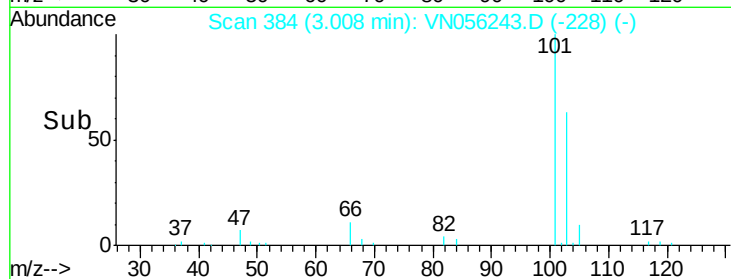
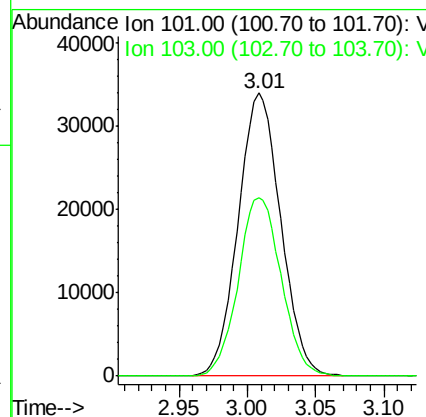
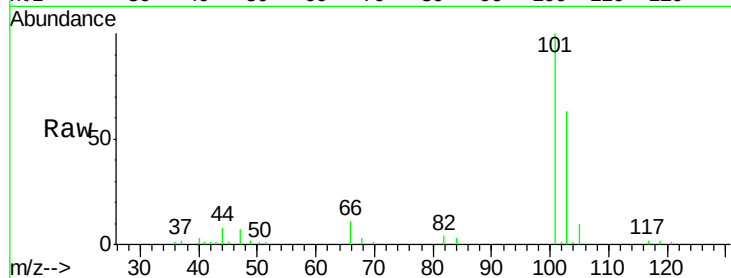
Trichlorofluoromethane
Concen: 18.591 ug/l
RT: 3.01 min Scan# 384
Delta R.T. 0.00 min
Lab File: VN056243.D
Acq: 12 Jun 2019 12:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.1	53.4	80.0

Manual Integrations
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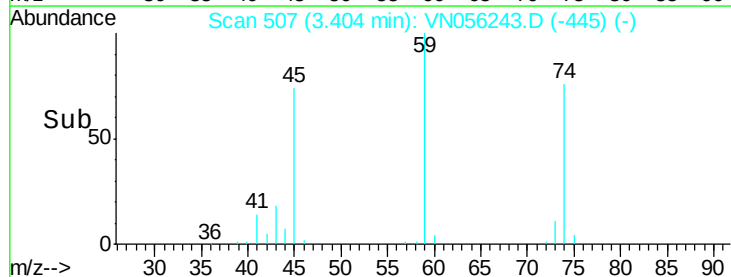
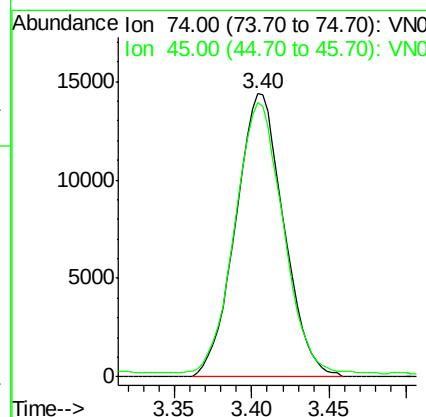
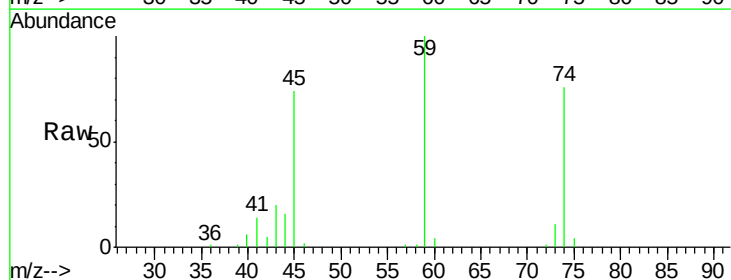
MMDadoda
6/13/2019 9:42:24 AM

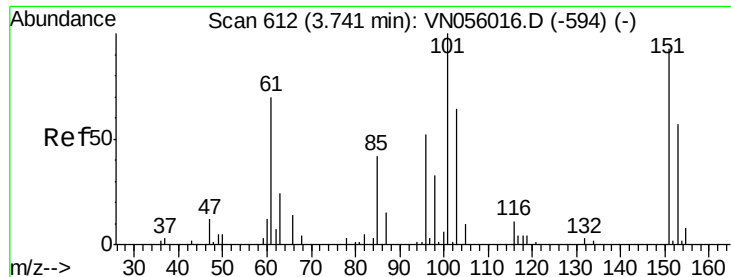


#8

Diethyl Ether
Concen: 18.470 ug/l
RT: 3.40 min Scan# 507
Delta R.T. 0.00 min
Lab File: VN056243.D
Acq: 12 Jun 2019 12:25

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.2	18.8	169.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.121 ug/l

RT: 3.74 min Scan# 613

Delta R.T. 0.00 min

Lab File: VN056243.D

Acq: 12 Jun 2019 12:25

Instrument :

MSVOA_N

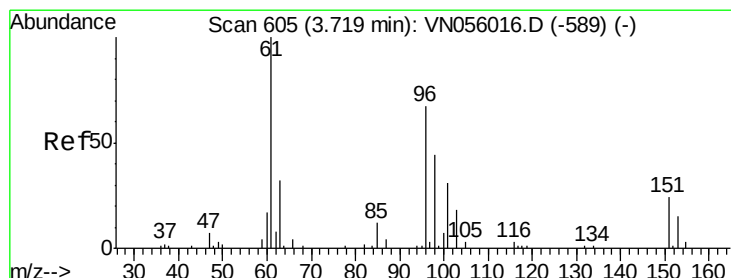
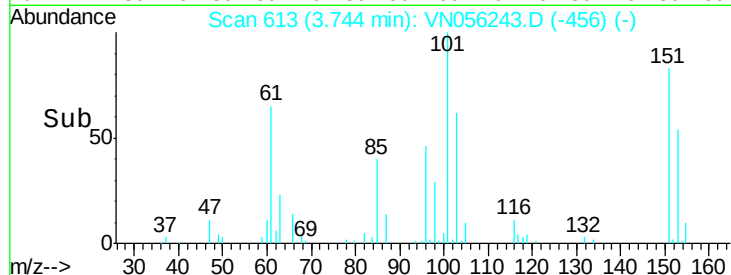
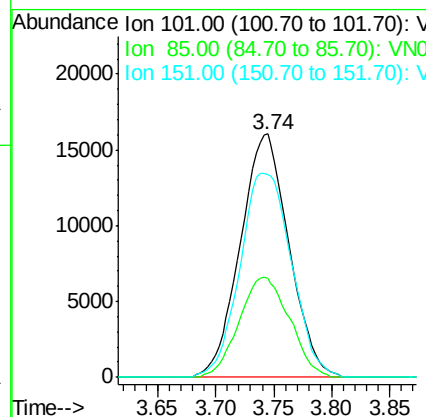
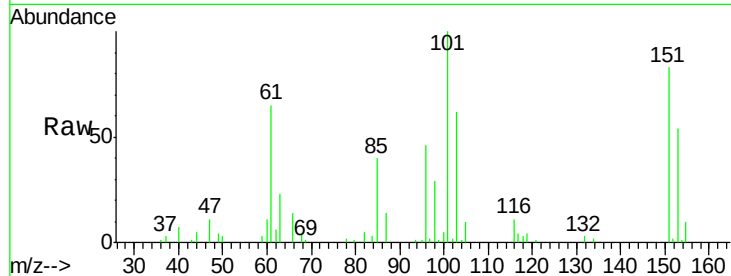
ClientSampleId :

VSTDCCC020EC

Tot Ion:	101	Resp:	46841
Ion Ratio	Lower	Upper	
101	100		
85	42.5	0.0	82.0
151	88.7	0.0	177.0

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#10

1,1-Dichloroethene

Concen: 17.895 ug/l

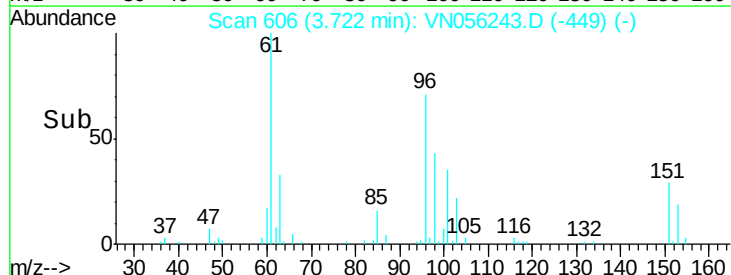
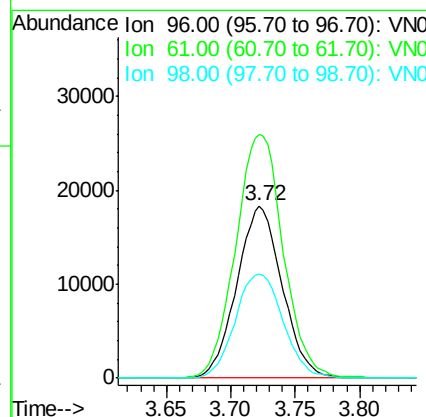
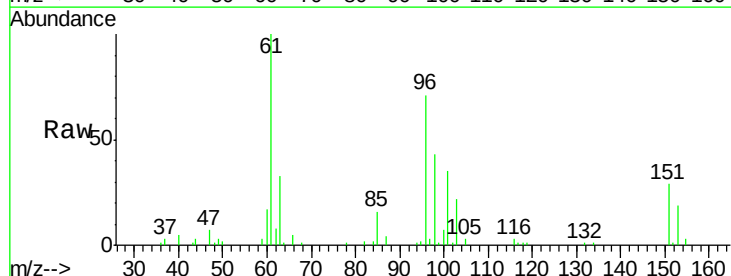
RT: 3.72 min Scan# 606

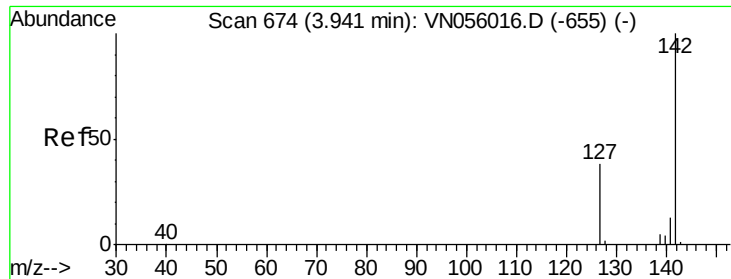
Delta R.T. 0.00 min

Lab File: VN056243.D

Acq: 12 Jun 2019 12:25

Tgt Ion:	96	Resp:	44719
Ion Ratio	Lower	Upper	
96	100		
61	140.5	119.7	179.5
98	60.7	52.3	78.5





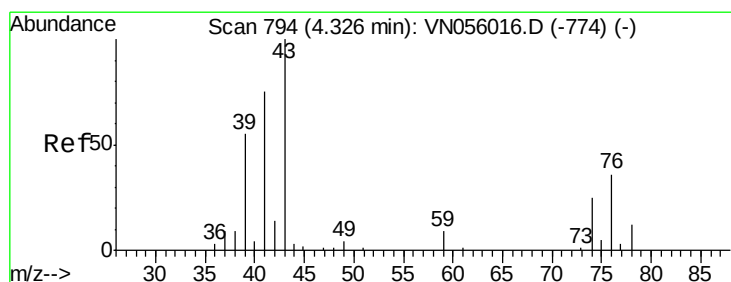
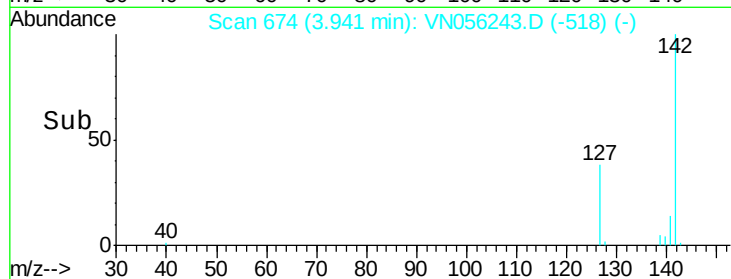
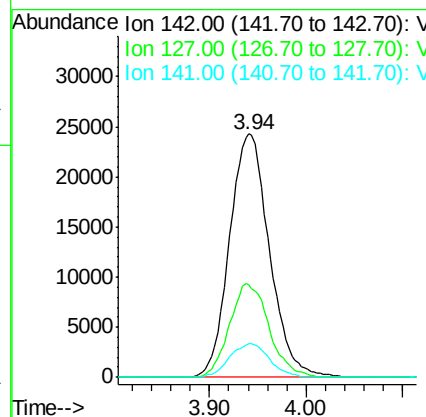
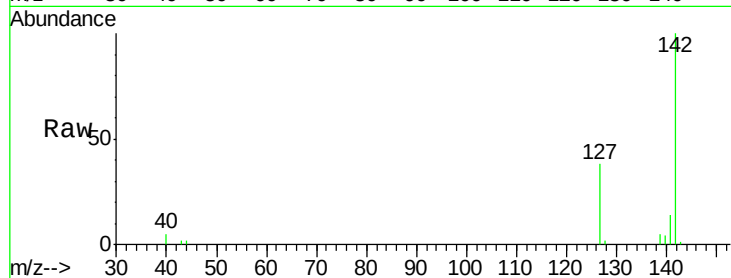
#11
Methvl Iodide
Concen: 17.631 ug/l
RT: 3.94 min Scan# 674
Delta R.T. 0.00 min
Lab File: VN056243.D
Acq: 12 Jun 2019 12:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
142	100		
127	38.0	19.0	57.0
141	13.7	6.7	20.0

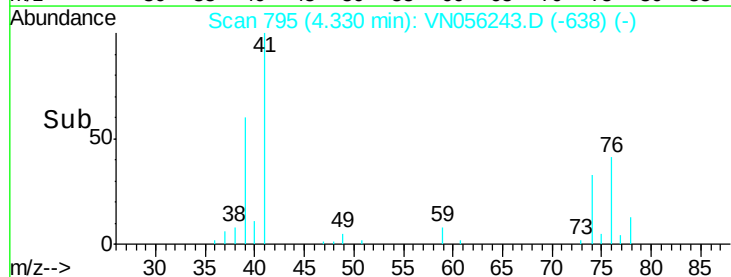
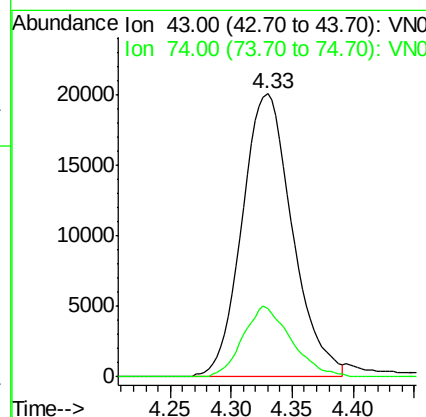
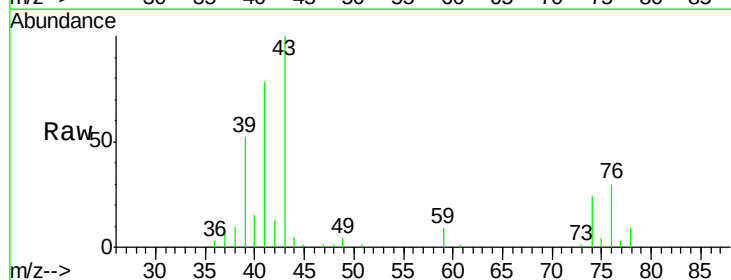
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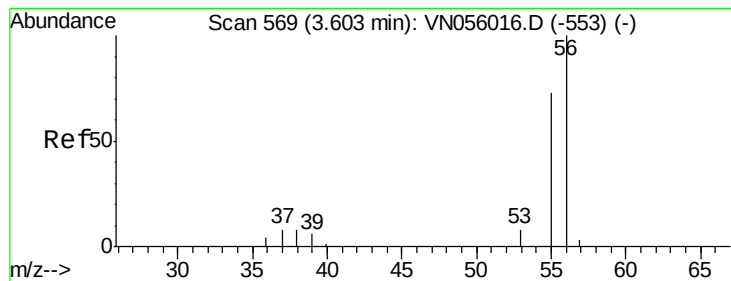
MMDadoda
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#12
Methyl Acetate
Concen: 19.152 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN056243.D
Acq: 12 Jun 2019 12:25

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.3	19.9	29.9





#13

Acrolein

Concen: 102.900 ug/l

RT: 3.60 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN056243.D

Acq: 12 Jun 2019 12:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tot Ion: 56 Resp: 15061

Ion Ratio Lower Upper

56 100

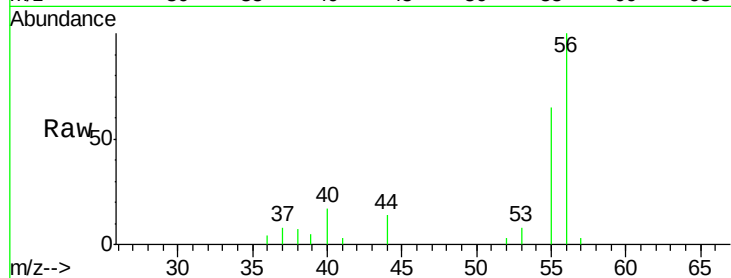
55 68.2 57.9 86.9

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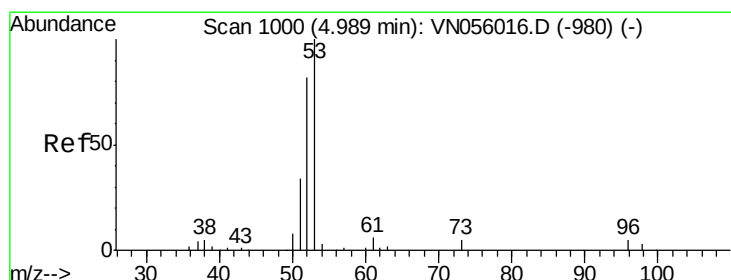
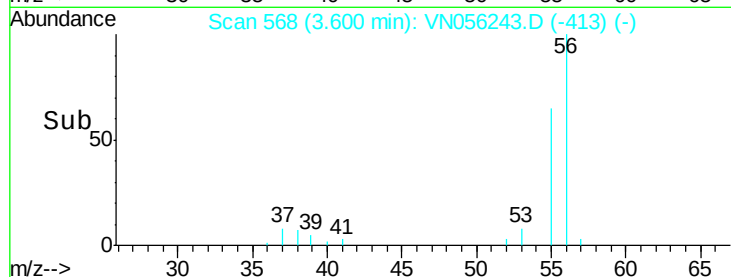
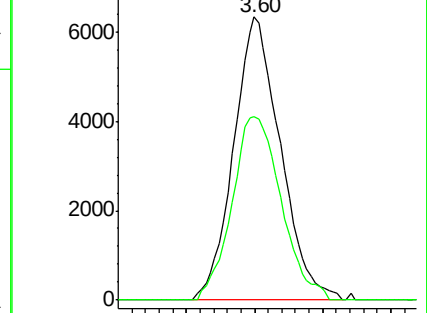
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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Acrylonitrile

Concen: 99.264 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN056243.D

Acq: 12 Jun 2019 12:25

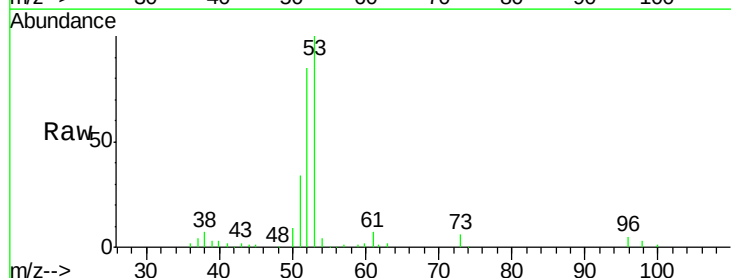
Tgt Ion: 53 Resp: 132930

Ion Ratio Lower Upper

53 100

52 83.8 40.8 122.2

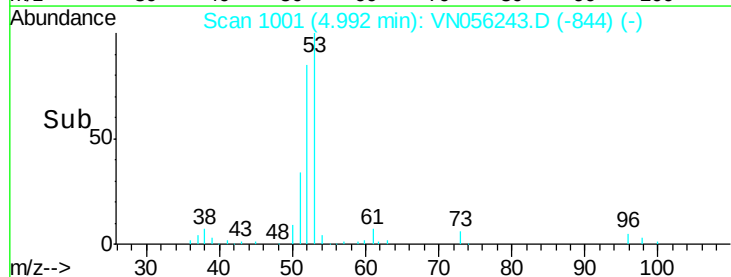
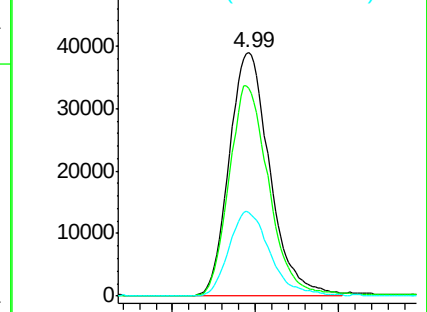
51 35.1 17.3 52.0

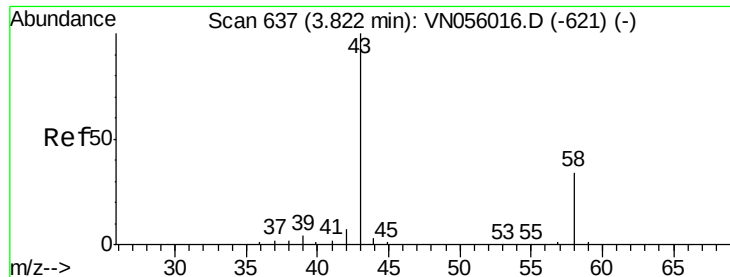


Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0





#15

Acetone

Concen: 89.614 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056243.D

Acq: 12 Jun 2019 12:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tot Ion: 58 Resp: 39294

Ion Ratio Lower Upper

58 100

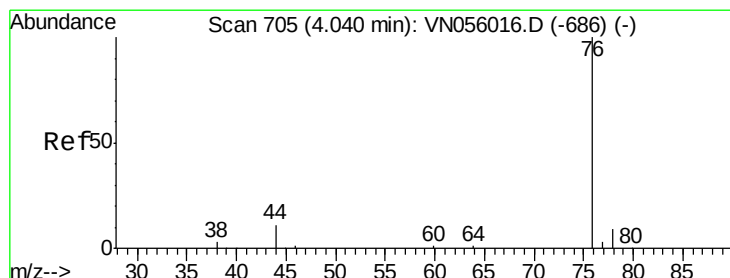
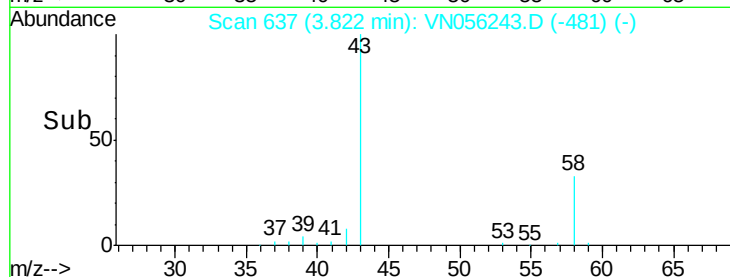
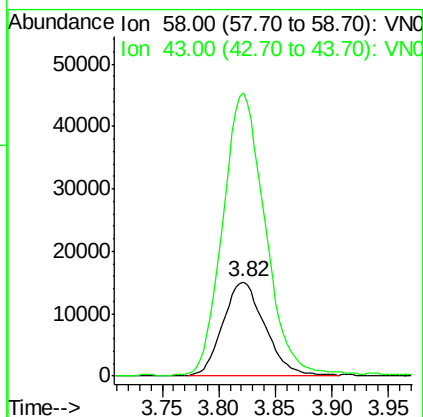
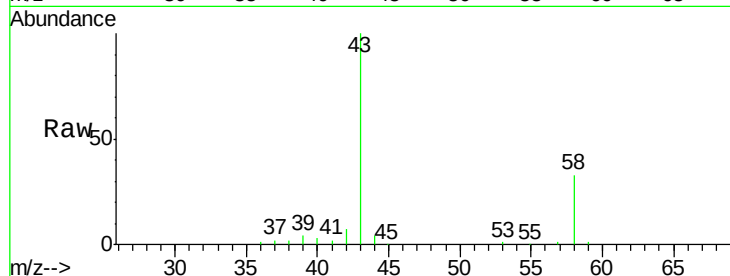
43 298.3 232.5 348.7

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#16

Carbon Disulfide

Concen: 18.117 ug/l

RT: 4.04 min Scan# 705

Delta R.T. 0.00 min

Lab File: VN056243.D

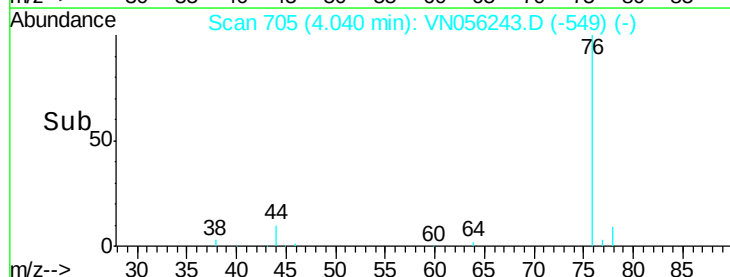
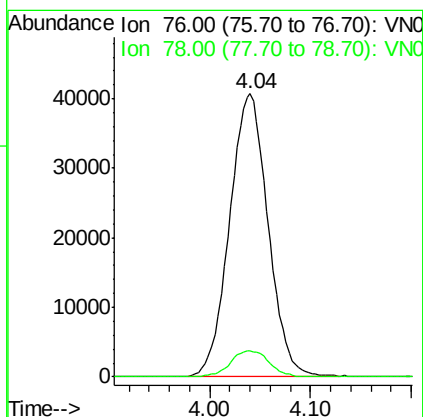
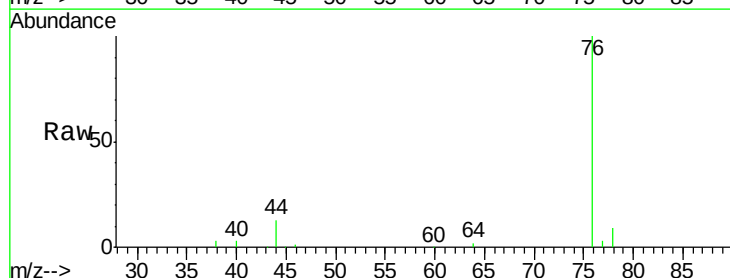
Acq: 12 Jun 2019 12:25

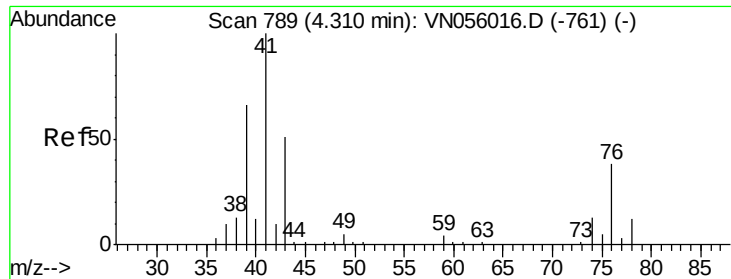
Tgt Ion: 76 Resp: 107723

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9





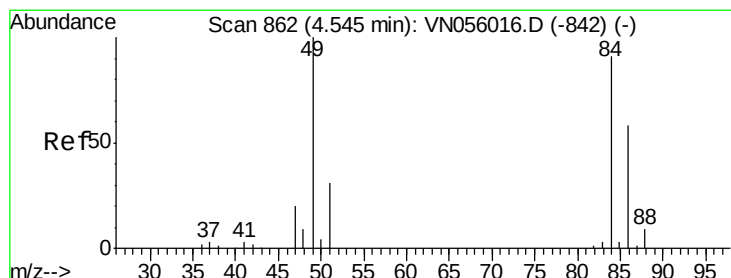
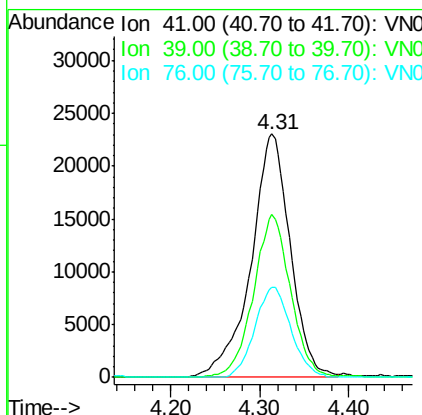
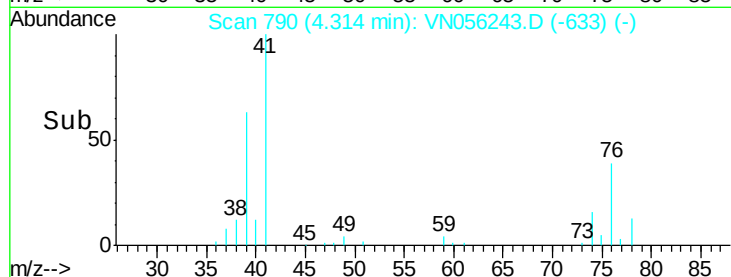
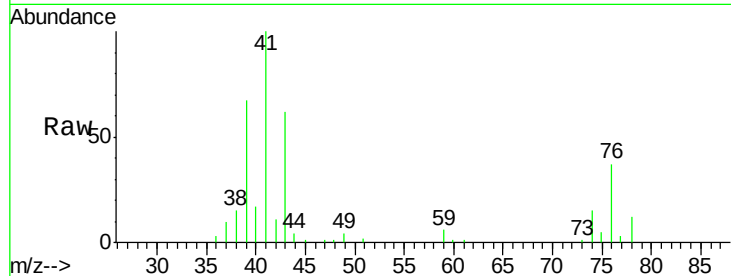
#17
Allvl chloride
Concen: 18.203 ug/l
RT: 4.31 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN056243.D
Acq: 12 Jun 2019 12:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion:	41	Resp:	70481
Ion	Ratio	Lower	Upper
41	100		
39	66.8	33.0	99.0
76	37.0	18.9	56.9

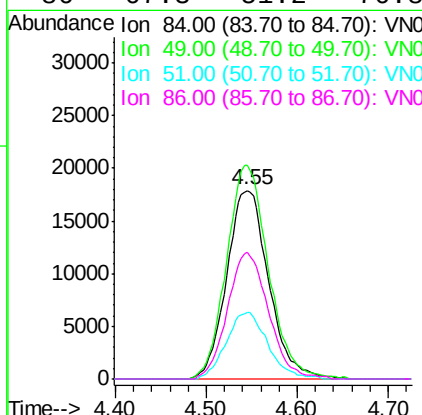
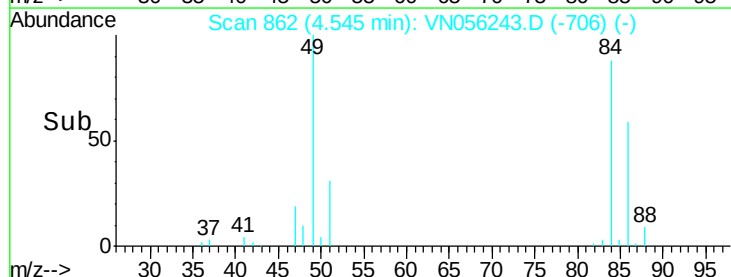
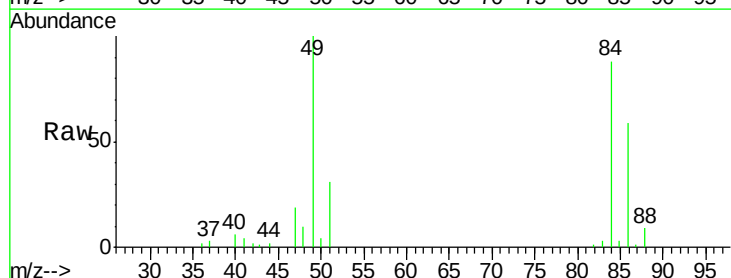
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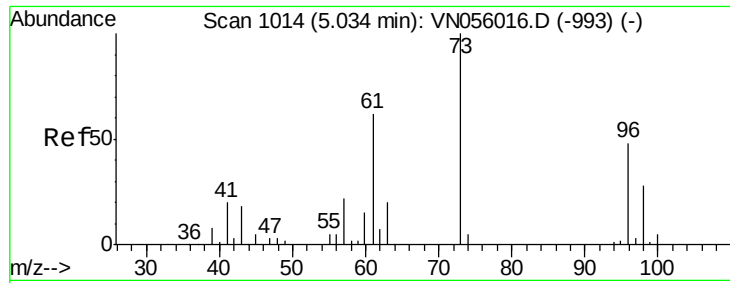
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#18
Methylene Chloride
Concen: 19.836 ug/l
RT: 4.55 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN056243.D
Acq: 12 Jun 2019 12:25

Tgt Ion:	84	Resp:	57386
Ion	Ratio	Lower	Upper
84	100		
49	113.3	87.6	131.4
51	35.5	27.0	40.4
86	67.3	51.2	76.8





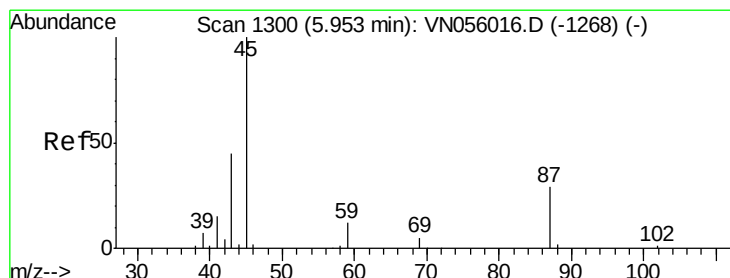
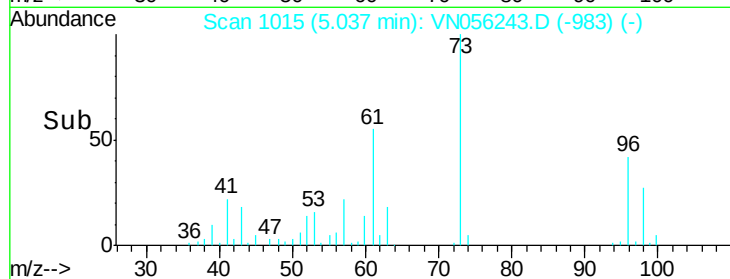
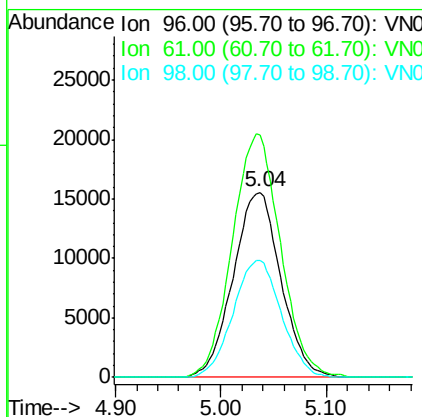
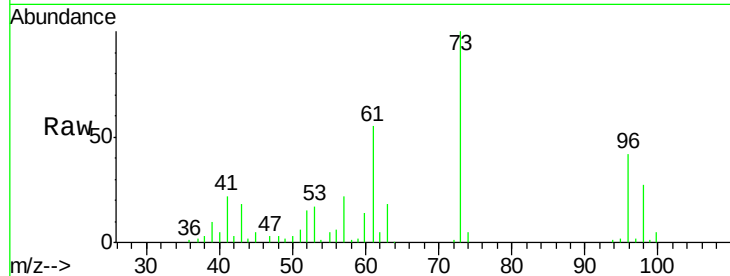
#19
trans-1,2-Dichloroethene
Concen: 18.380 ug/l
RT: 5.04 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VN056243.D
Acq: 12 Jun 2019 12:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ion	Ratio	Lower	Upper
96	100			
61	129.7	102.5	153.7	
98	63.2	46.9	70.3	

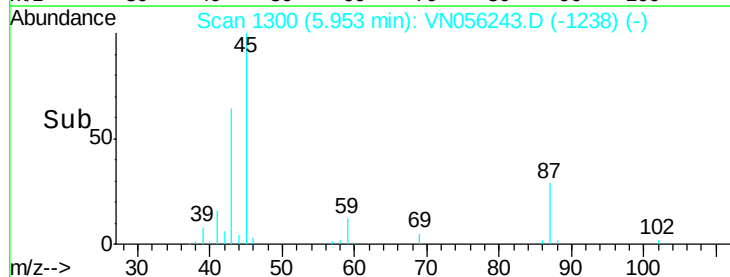
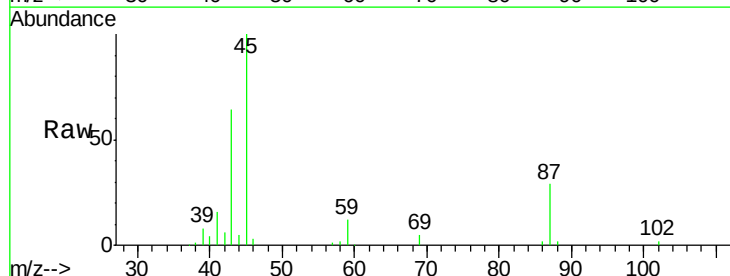
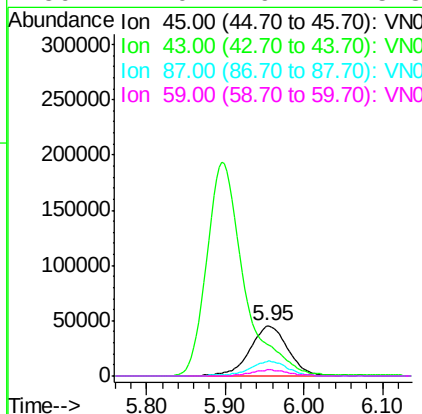
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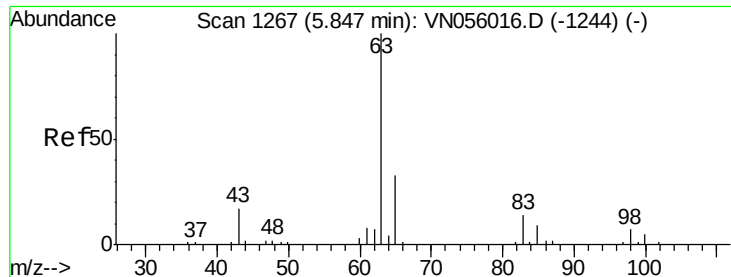
MMDadoda
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#20
Diisopropyl ether
Concen: 19.380 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN056243.D
Acq: 12 Jun 2019 12:25

Tgt Ion	Ion	Ratio	Lower	Upper
45	100			
43	61.4	48.0	72.0	
87	28.9	23.4	35.2	
59	12.0	9.2	13.8	





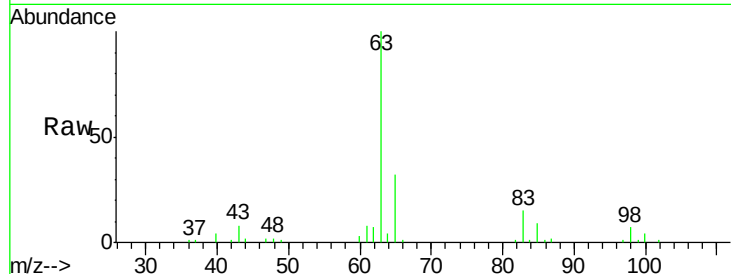
#21
 1,1-Dichloroethane
 Concen: 19.079 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: VN056243.D
 Acq: 12 Jun 2019 12:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

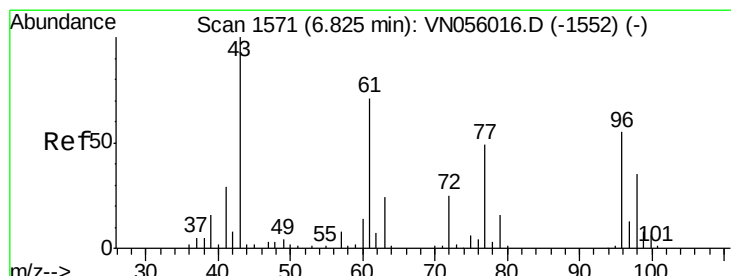
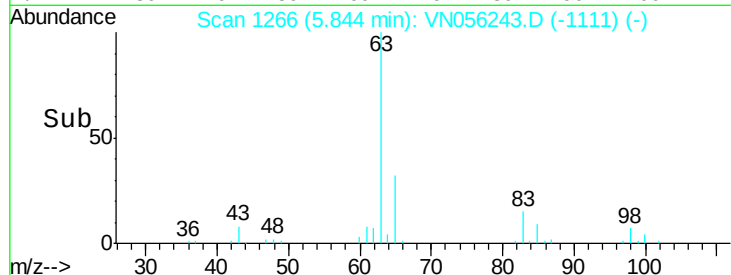
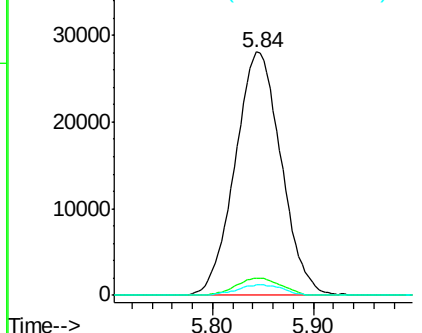
Tot Ion:	63	Resp:	88948
Ion Ratio	Lower	Upper	
63	100		
98	6.9	3.5	10.5
100	4.4	2.3	6.9

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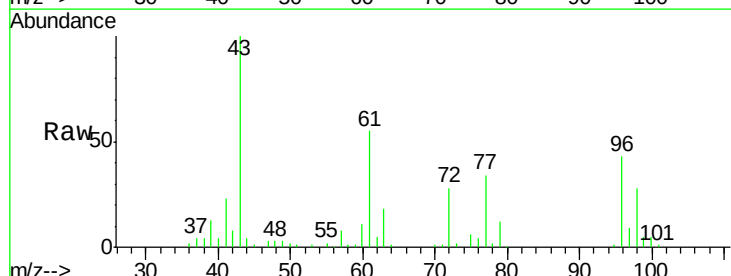


Abundance Ion 63.00 (62.70 to 63.70): VN0
 Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0

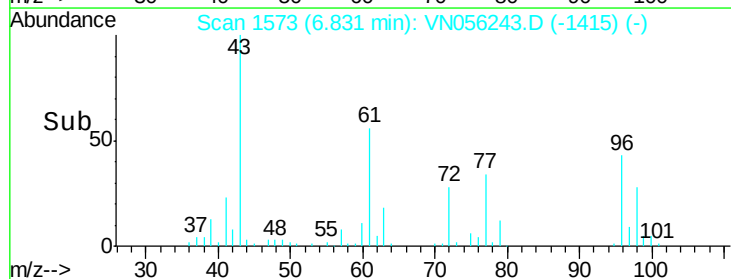
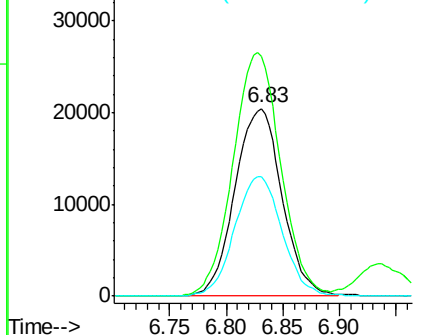


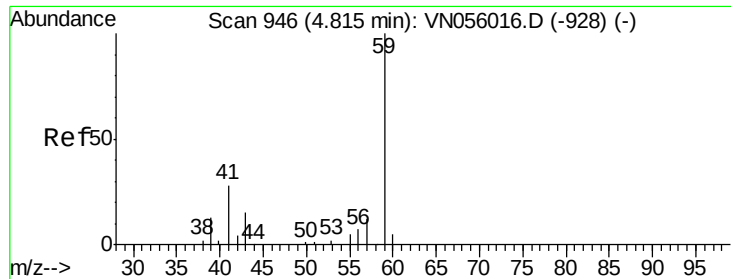
#22
 cis-1,2-Dichloroethene
 Concen: 19.026 ug/l
 RT: 6.83 min Scan# 1573
 Delta R.T. 0.01 min
 Lab File: VN056243.D
 Acq: 12 Jun 2019 12:25

Tgt Ion:	96	Resp:	59234
Ion Ratio	Lower	Upper	
96	100		
61	131.3	105.7	158.5
98	64.0	52.0	78.0



Abundance Ion 96.00 (95.70 to 96.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 98.00 (97.70 to 98.70): VN0





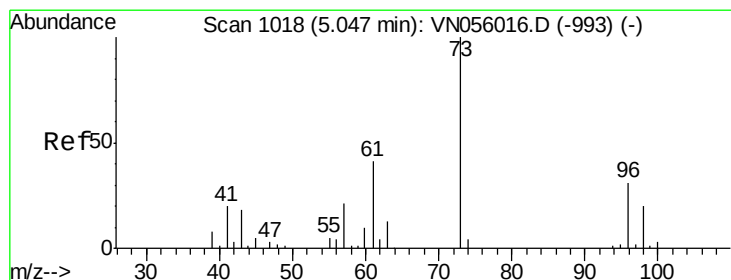
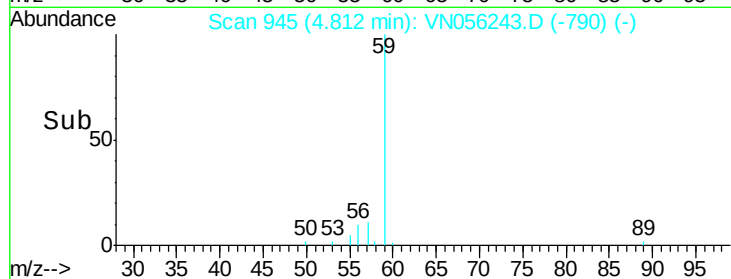
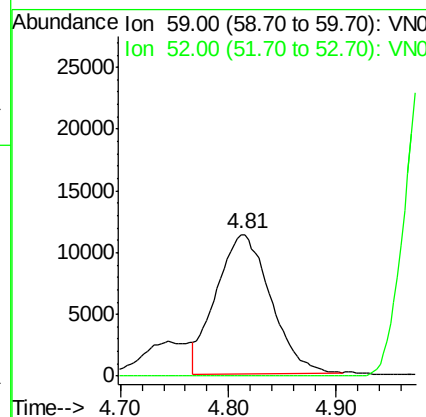
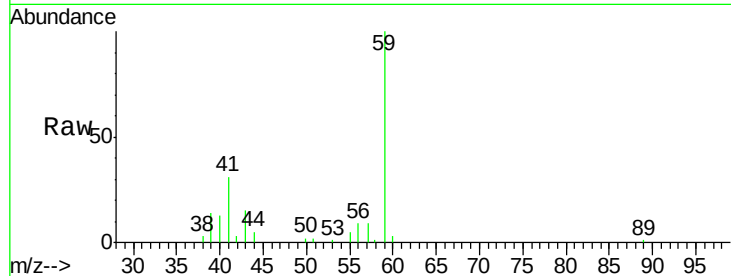
#23
 tert-Butyl Alcohol
 Concen: 76.393 ug/l
 RT: 4.81 min Scan# 945
 Delta R.T. -0.00 min
 Lab File: VN056243.D
 Acq: 12 Jun 2019 12:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.0	0.0

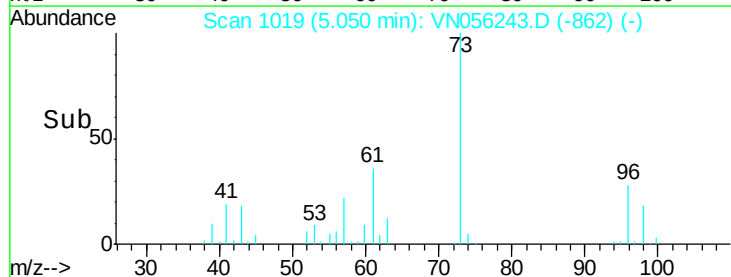
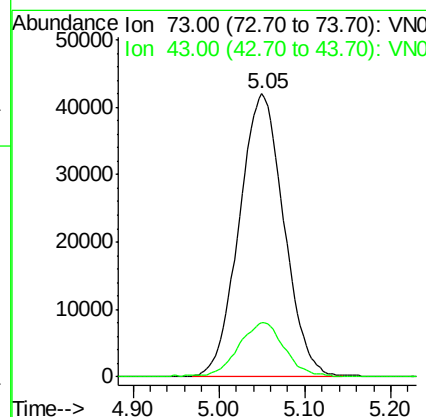
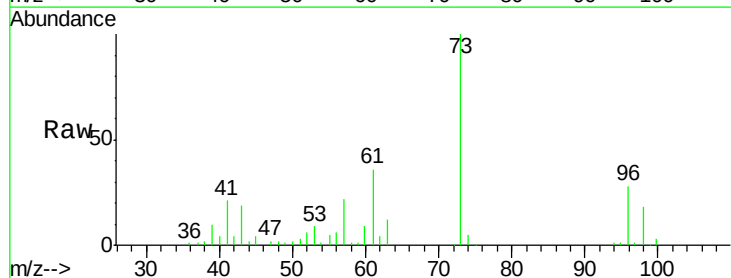
Manual Integrations
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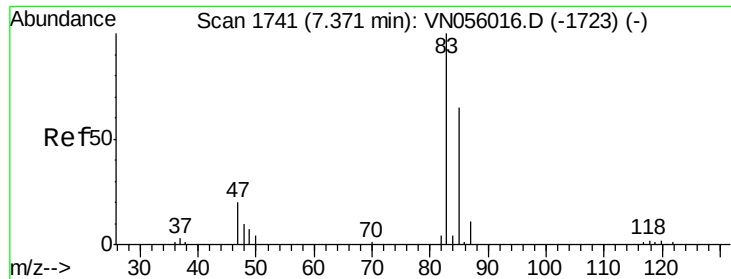
MMDadoda
 6/13/2019 9:42:24 AM



#24
 Methyl tert-Butyl Ether
 Concen: 19.084 ug/l
 RT: 5.05 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VN056243.D
 Acq: 12 Jun 2019 12:25

Tgt Ion	Ratio	Lower	Upper
73	100		
43	19.0	15.4	23.0





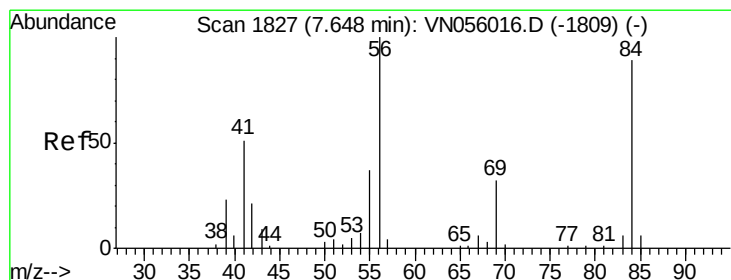
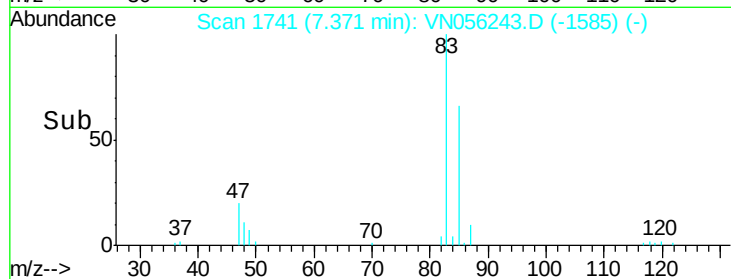
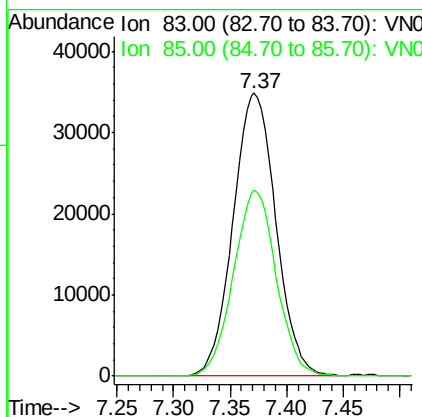
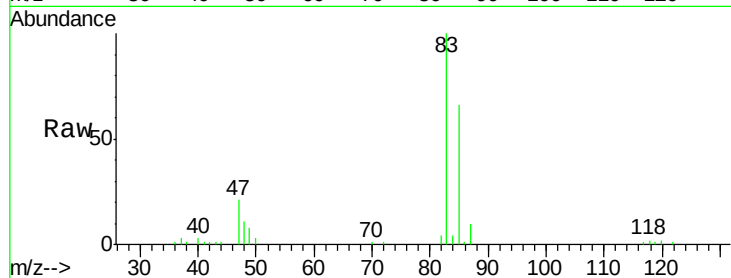
#25
Chloroform
Concen: 19.734 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN056243.D
Acq: 12 Jun 2019 12:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	83	Resp	91865
Ion Ratio	100	Lower	Upper
83	100		
85	65.7	52.0	78.0

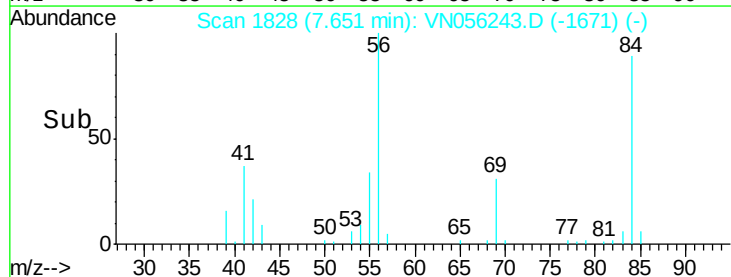
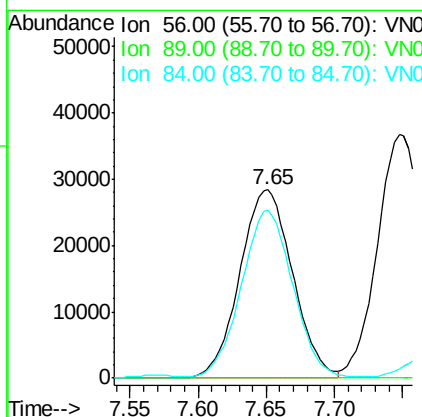
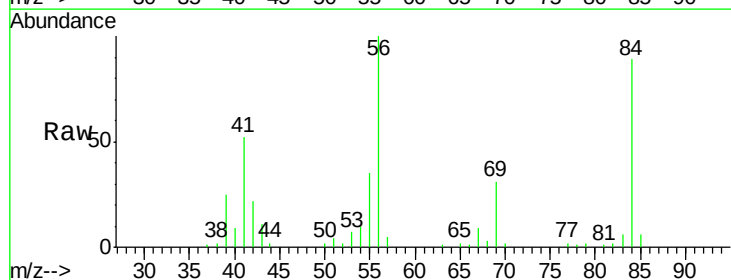
Manual Integrations
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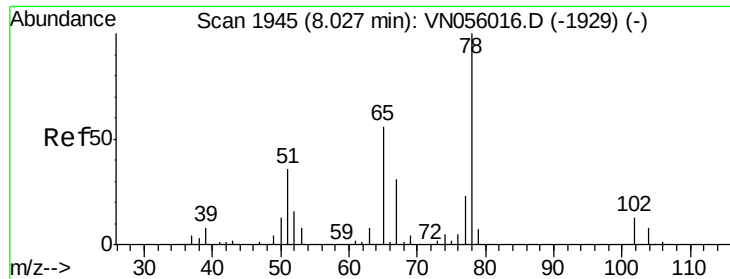
MMDadoda
6/13/2019 9:42:24 AM



#26
Cyclohexane
Concen: 17.621 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN056243.D
Acq: 12 Jun 2019 12:25

Tgt Ion	56	Resp	76214
Ion Ratio	100	Lower	Upper
56	100		
89	0.0	0.0	0.0
84	87.6	70.1	105.1





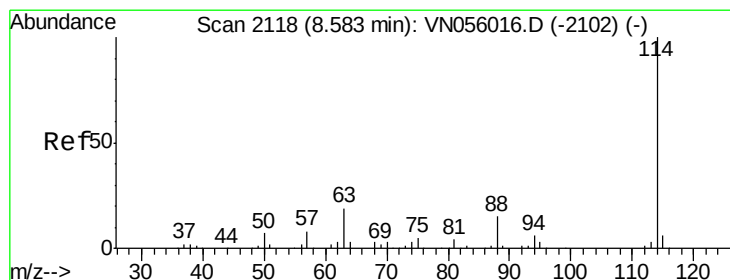
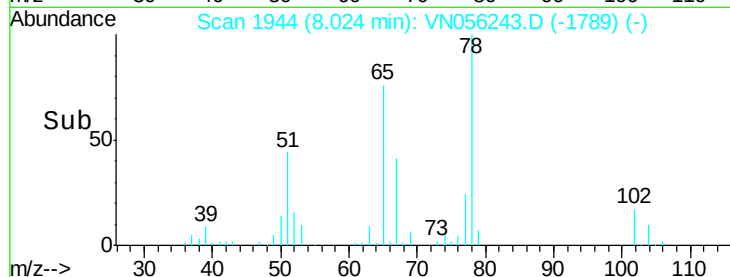
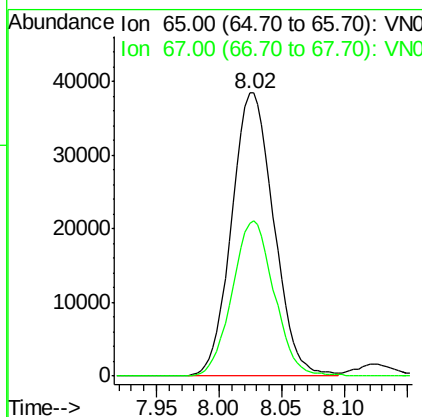
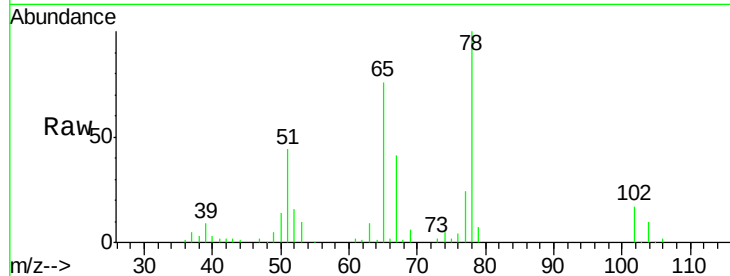
#27
 1,2-Dichloroethane-d4
 Concen: 30.238 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VN056243.D
 Acq: 12 Jun 2019 12:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	89894		
67	54.4		43.4	65.2

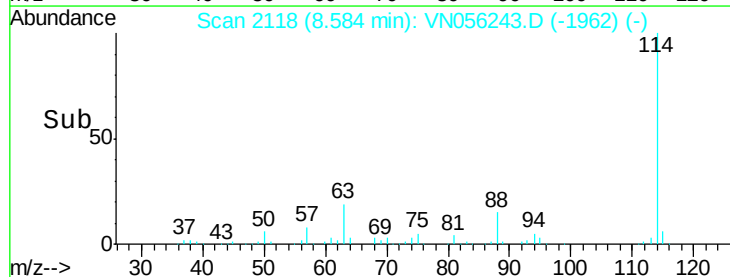
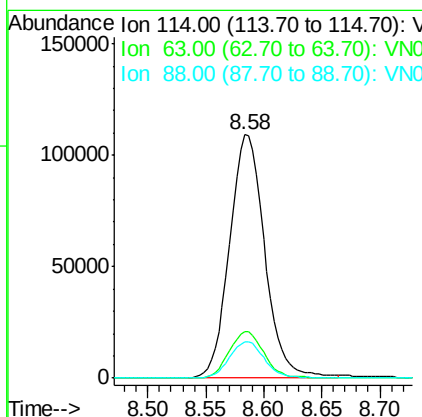
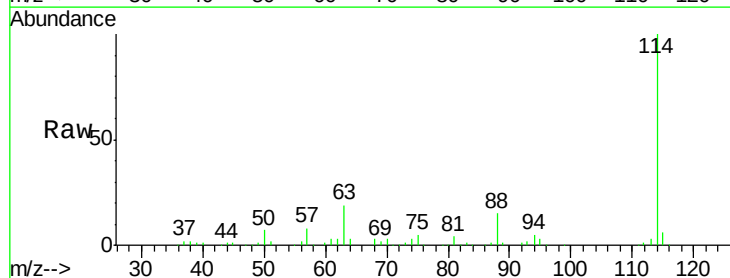
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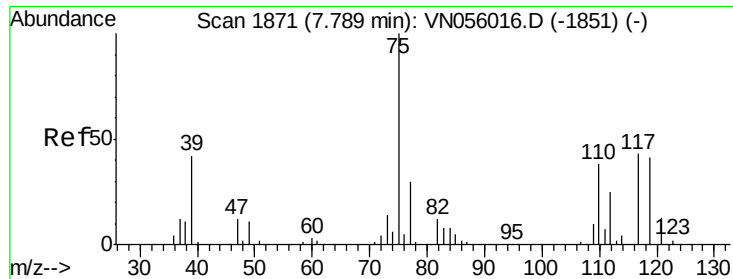
MMDadoda
 6/13/2019 9:42:24 AM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056243.D
 Acq: 12 Jun 2019 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	230074		
63	18.9		14.7	22.1
88	14.8		11.9	17.9





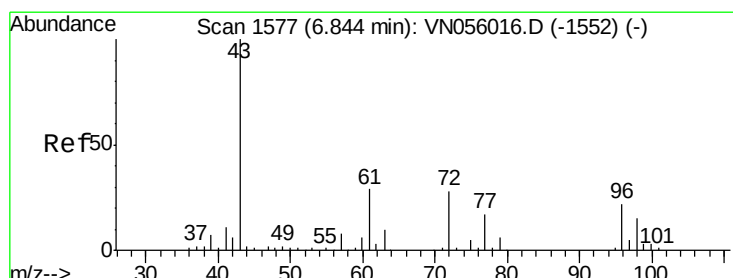
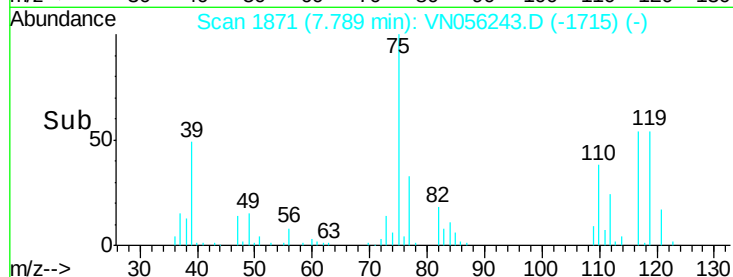
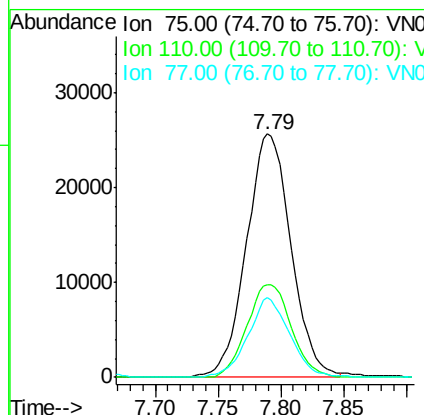
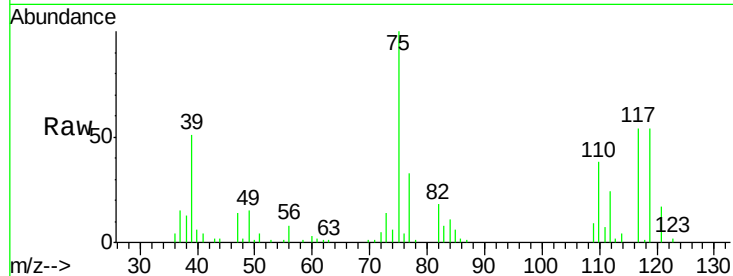
#29
 1,1-Dichloropropene
 Concen: 20.407 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN056243.D
 Acq: 12 Jun 2019 12:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
75	100	63508		
110	37.8	0.0	77.0	
77	30.8	0.0	62.4	

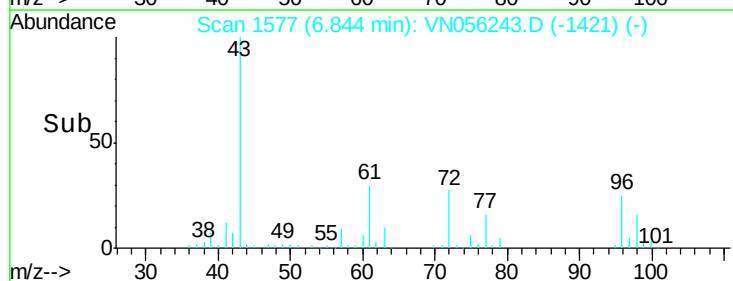
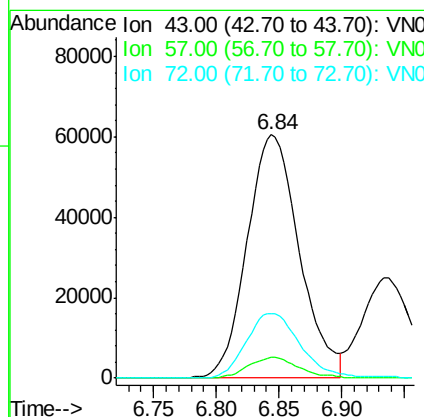
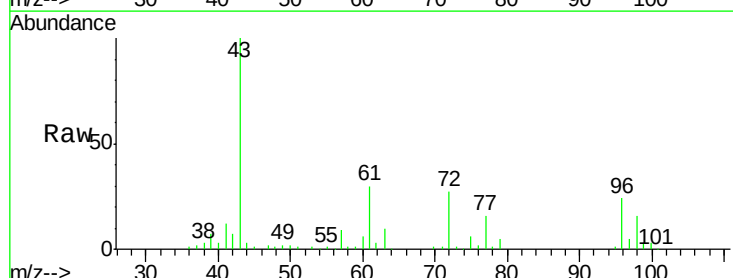
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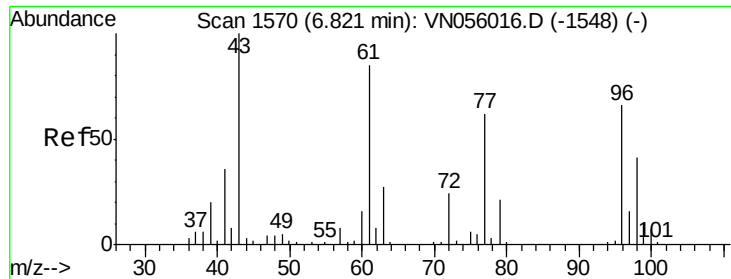
MMDadoda
 6/13/2019 9:42:24 AM



#30
 2-Butanone
 Concen: 106.053 ug/l
 RT: 6.84 min Scan# 1577
 Delta R.T. 0.00 min
 Lab File: VN056243.D
 Acq: 12 Jun 2019 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	173756		
57	8.4	6.7	10.1	
72	27.9	22.4	33.6	





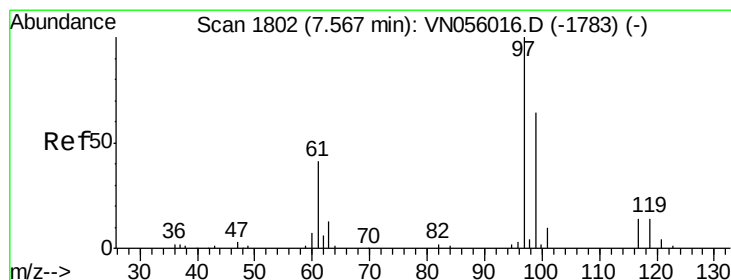
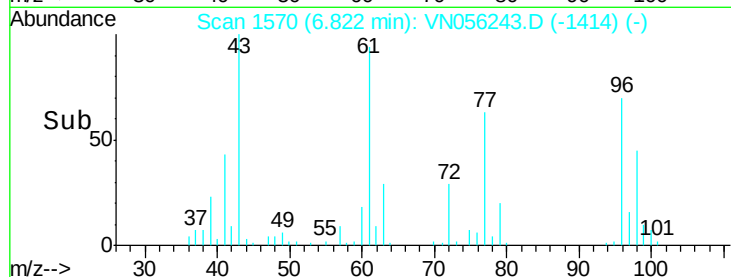
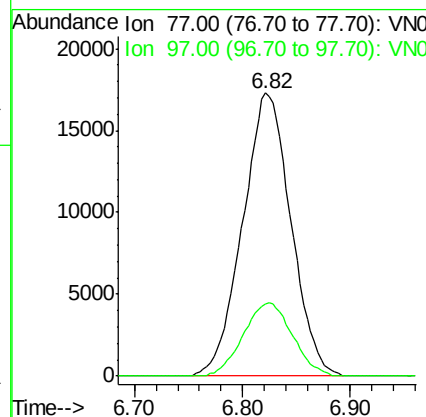
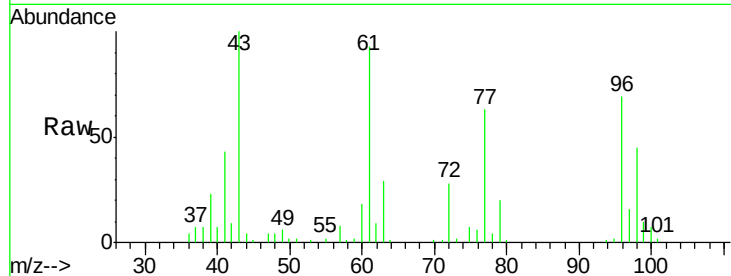
#31
 2,2-Dichloropropane
 Concen: 18.560 ug/l
 RT: 6.82 min Scan# 1570
 Delta R.T. 0.00 min
 Lab File: VN056243.D
 Acq: 12 Jun 2019 12:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion: 77 Resp: 53733
 Ion Ratio Lower Upper
 77 100
 97 26.3 20.8 31.2

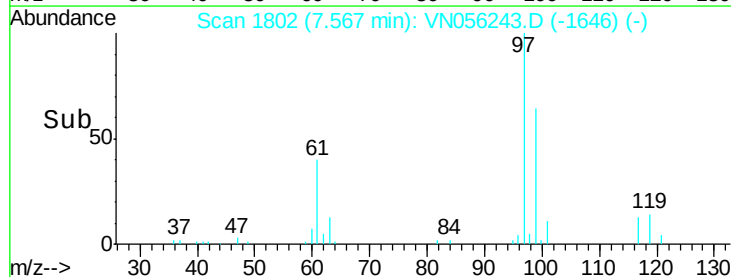
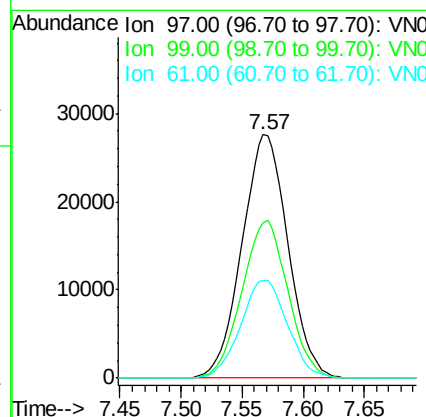
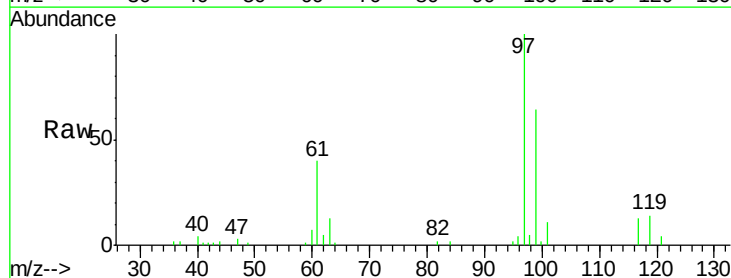
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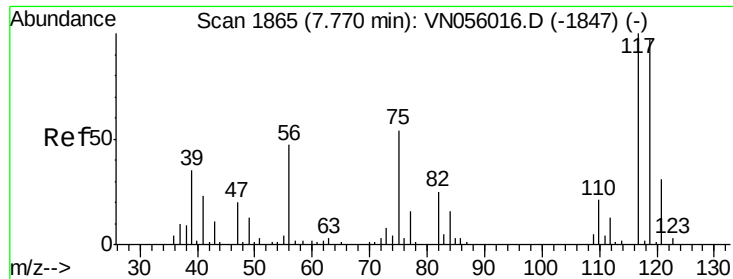
MMDadoda
 6/13/2019 9:42:24 AM



#32
 1,1,1-Trichloroethane
 Concen: 20.930 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN056243.D
 Acq: 12 Jun 2019 12:25

Tgt Ion: 97 Resp: 71968
 Ion Ratio Lower Upper
 97 100
 99 64.6 51.5 77.3
 61 41.1 32.9 49.3





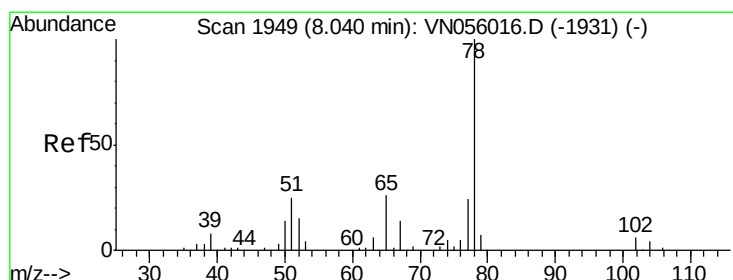
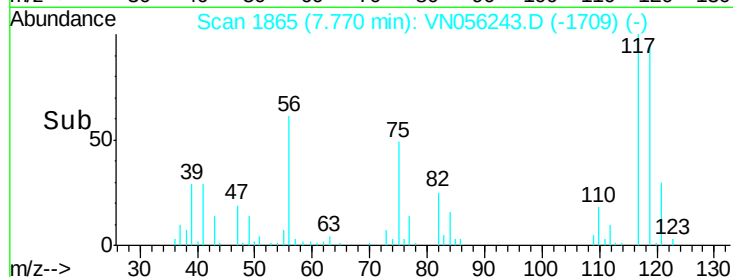
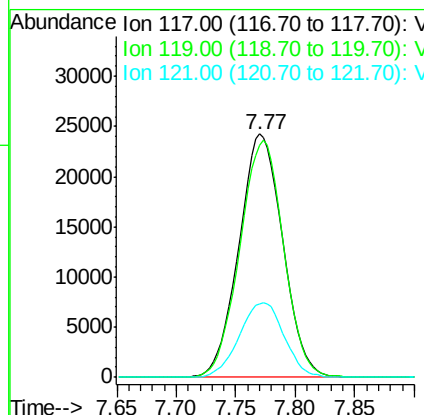
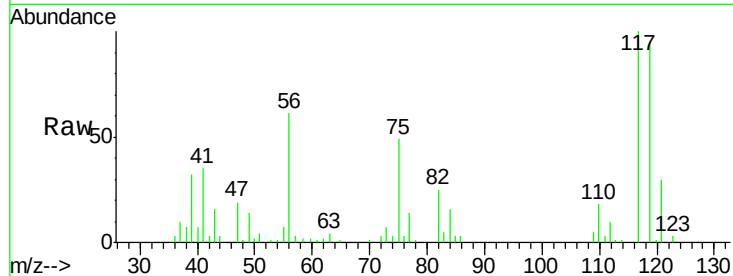
#33
Carbon Tetrachloride
Concen: 21.242 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN056243.D
Acq: 12 Jun 2019 12:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion: 117 Resp: 61880
Ion Ratio Lower Upper
117 100
119 95.2 77.3 115.9
121 30.4 25.0 37.4

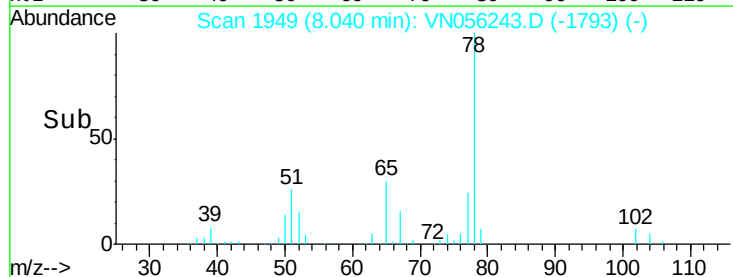
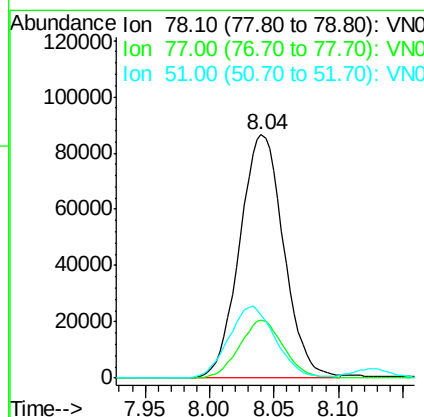
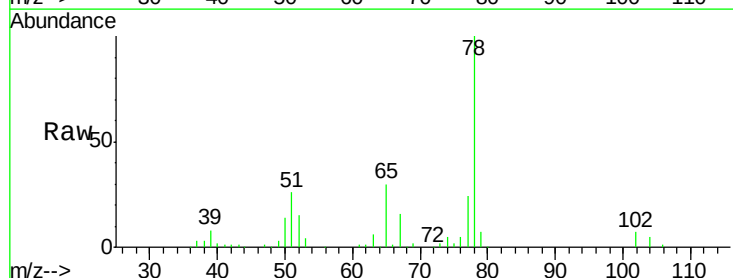
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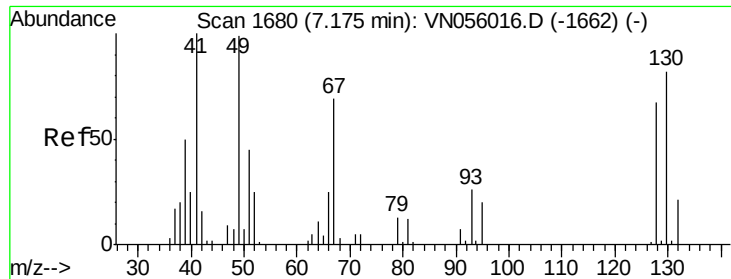
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#34
Benzene
Concen: 20.848 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056243.D
Acq: 12 Jun 2019 12:25

Tgt Ion: 78 Resp: 206724
Ion Ratio Lower Upper
78 100
77 23.9 19.3 28.9
51 25.6 19.8 29.8





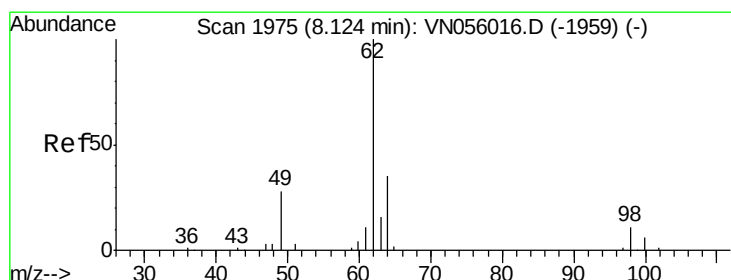
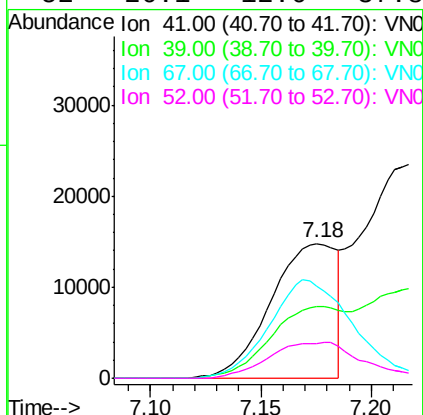
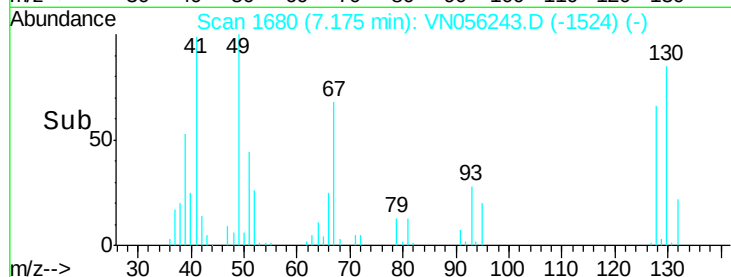
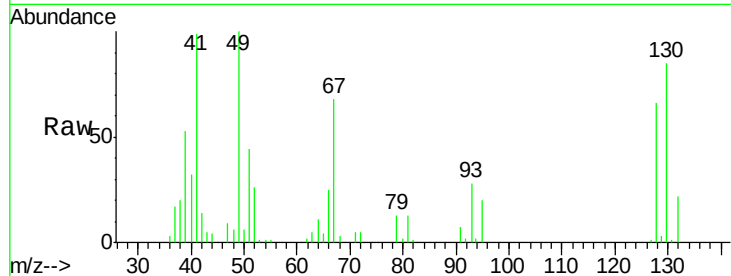
#35
Methacrylonitrile
Concen: 22.273 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VN056243.D
Acq: 12 Jun 2019 12:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	41	Resp	30815
Ion Ratio	Lower	Upper	
41	100		
39	53.5	24.8	74.3
67	68.8	34.3	102.9
52	26.1	12.6	37.8

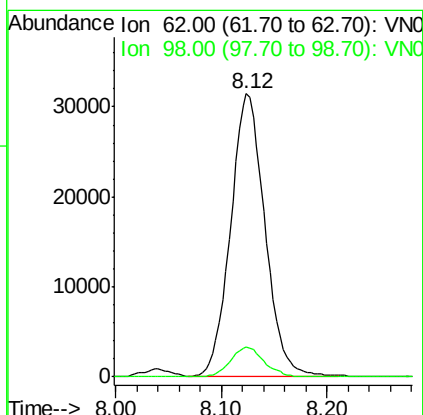
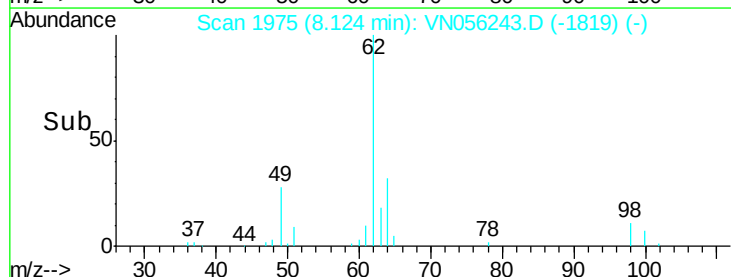
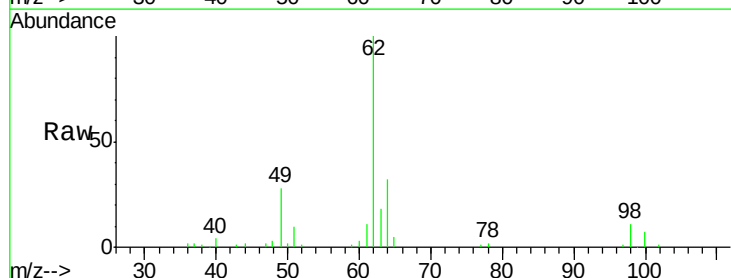
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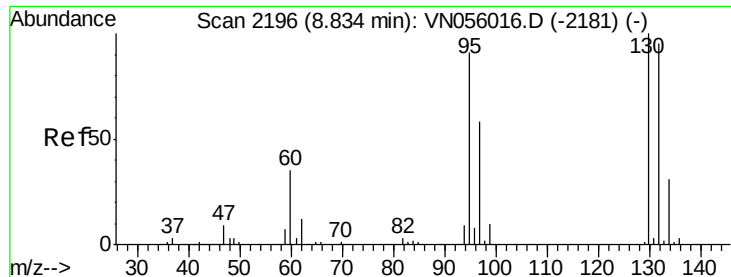
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#36
1,2-Dichloroethane
Concen: 22.918 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN056243.D
Acq: 12 Jun 2019 12:25

Tgt Ion	62	Resp	71182
Ion Ratio	Lower	Upper	
62	100		
98	10.2	8.6	13.0





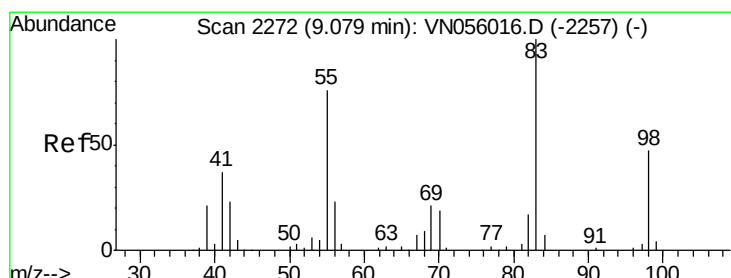
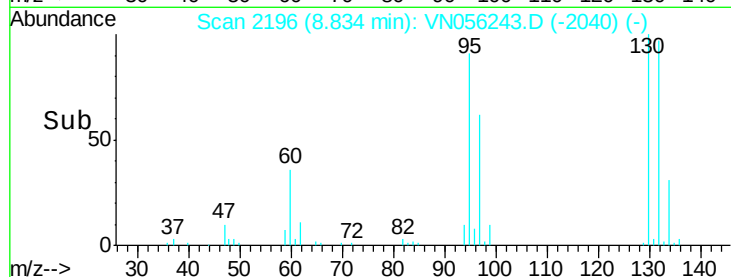
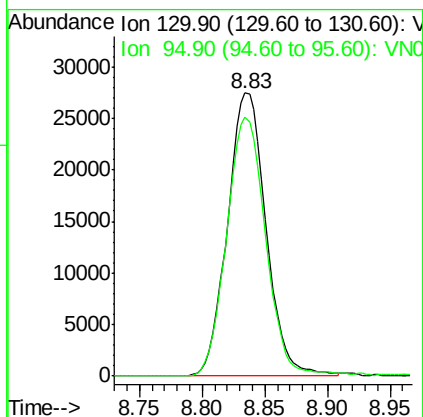
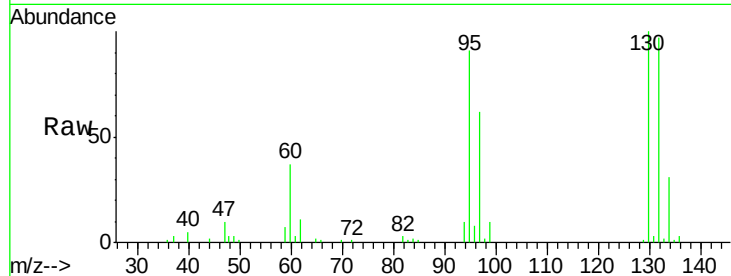
#37
 Trichloroethene
 Concen: 21.143 ug/l
 RT: 8.83 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: VN056243.D
 Acq: 12 Jun 2019 12:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion:130 Resp: 58666
 Ion Ratio Lower Upper
 130 100
 95 91.4 73.0 109.6

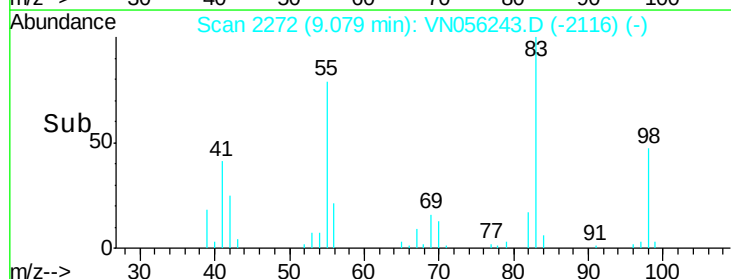
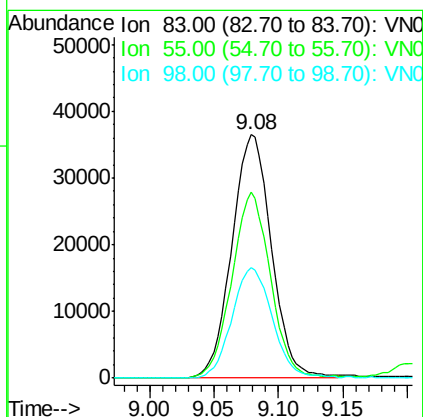
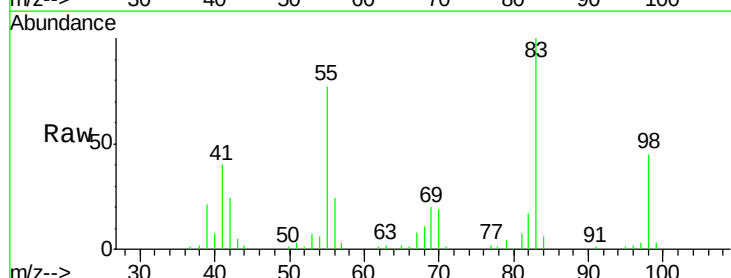
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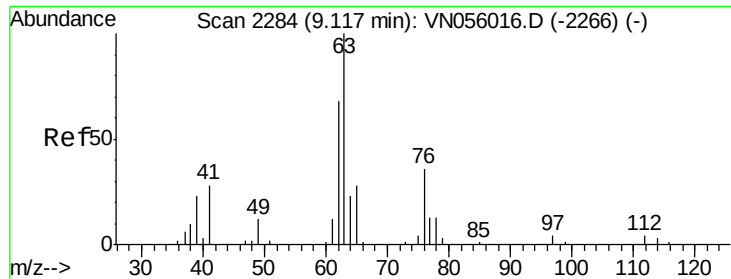
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 6/13/2019 9:42:24 AM



#38
 Methylcyclohexane
 Concen: 19.800 ug/l
 RT: 9.08 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: VN056243.D
 Acq: 12 Jun 2019 12:25

Tgt Ion: 83 Resp: 78118
 Ion Ratio Lower Upper
 83 100
 55 74.1 37.5 112.7
 98 46.1 23.1 69.3





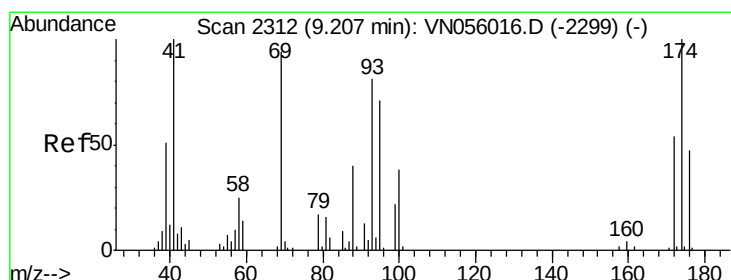
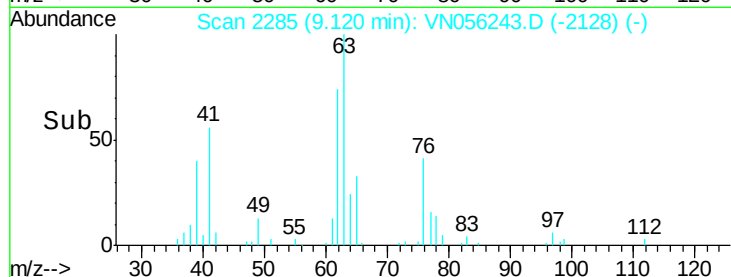
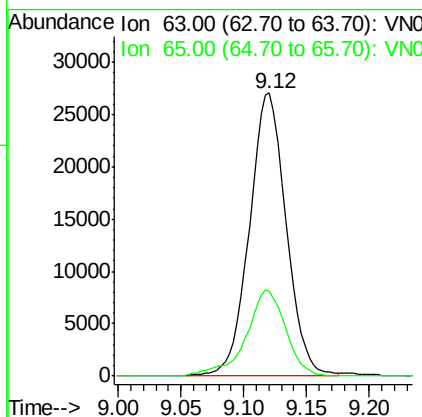
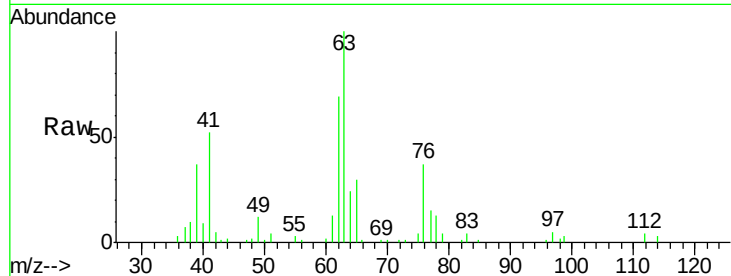
#39
 1,2-Dichloropropane
 Concen: 21.750 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN056243.D
 Acq: 12 Jun 2019 12:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion: 63 Resp: 55237
 Ion Ratio Lower Upper
 63 100
 65 29.9 23.1 34.7

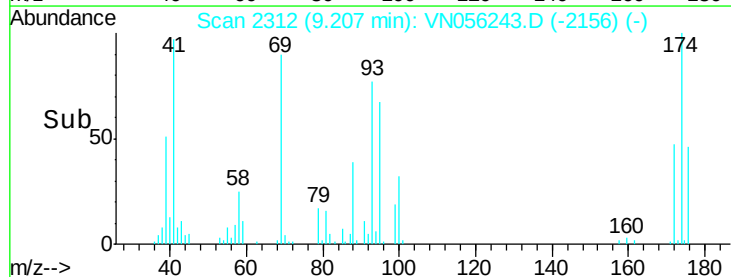
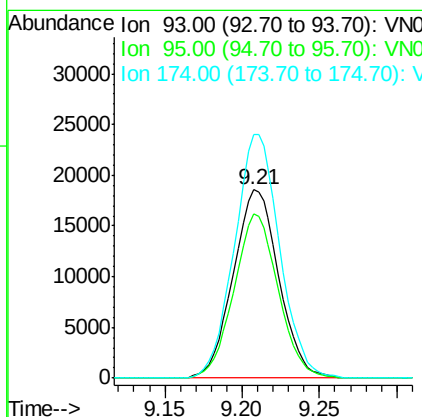
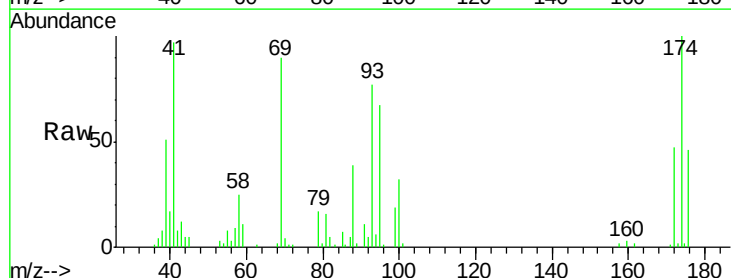
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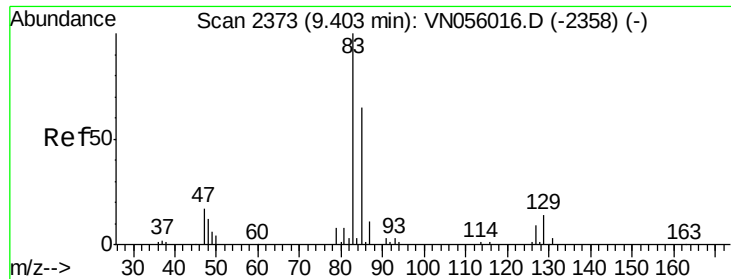
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#40
 Dibromomethane
 Concen: 22.565 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN056243.D
 Acq: 12 Jun 2019 12:25

Tgt Ion: 93 Resp: 37997
 Ion Ratio Lower Upper
 93 100
 95 84.5 0.0 169.0
 174 128.8 0.0 246.4





#41

Bromodichloromethane

Concen: 22.836 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN056243.D

Acq: 12 Jun 2019 12:25

Instrument :

MSVOA_N

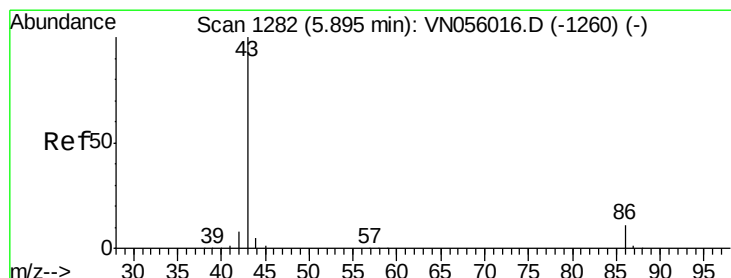
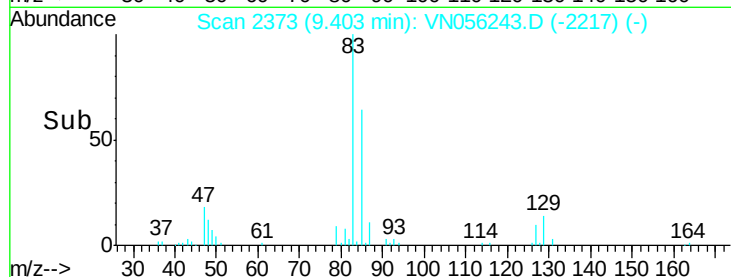
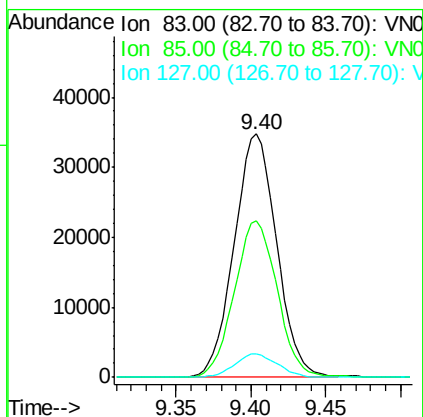
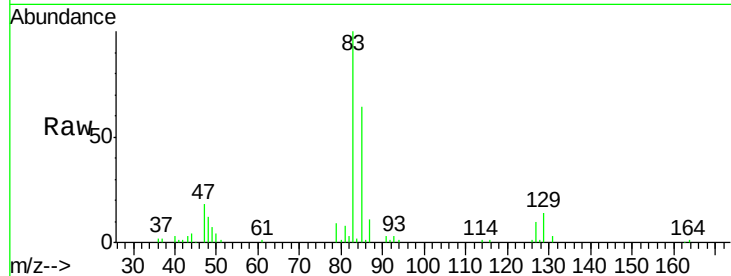
ClientSampleId :

VSTDCCC020EC

Tot Ion:	83	Resp:	68856
Ion Ratio	Lower	Upper	
83	100		
85	64.4	51.8	77.6
127	10.6	7.3	10.9

Manual Integrations
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MMDadoda
6/13/2019 9:42:24 AM



#42

Vinyl Acetate

Concen: 108.695 ug/l

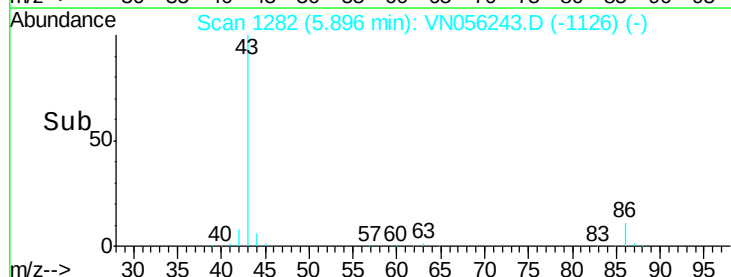
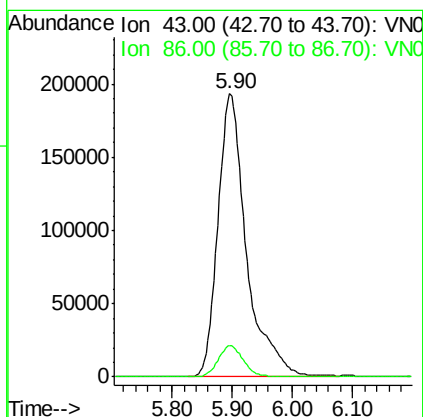
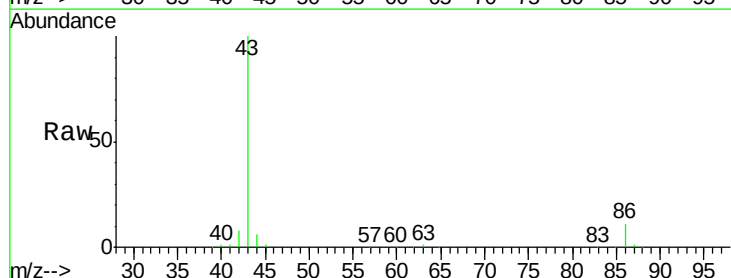
RT: 5.90 min Scan# 1282

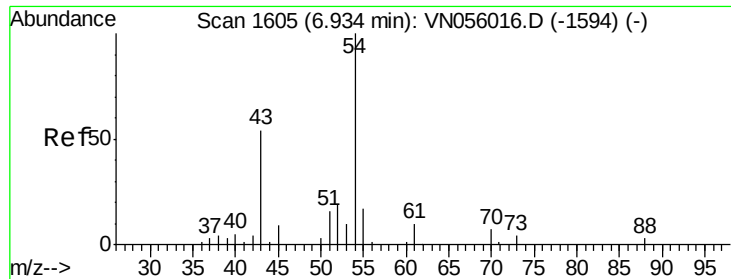
Delta R.T. 0.00 min

Lab File: VN056243.D

Acq: 12 Jun 2019 12:25

Tgt Ion:	43	Resp:	634896
Ion Ratio	Lower	Upper	
43	100		
86	9.7	7.9	11.9





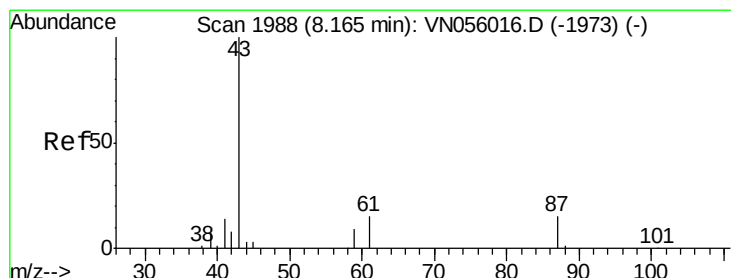
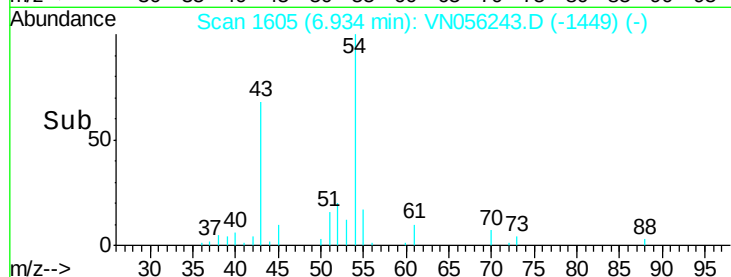
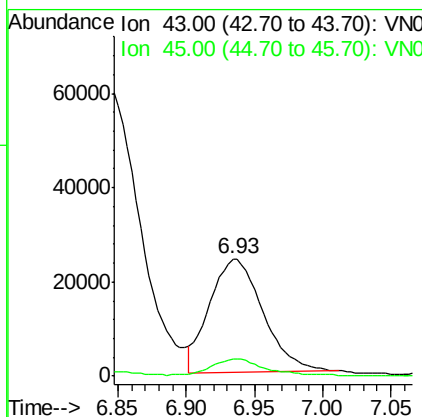
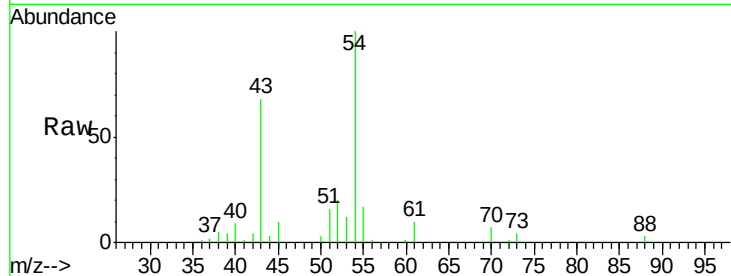
#43
Ethyl Acetate
Concen: 20.881 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN056243.D
Acq: 12 Jun 2019 12:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	43	45	Ratio	100	16.2	Resp	65476	Lower	12.3	Upper	18.5
Ion	43	45	Ratio	100	16.2	Resp	65476	Lower	12.3	Upper	18.5

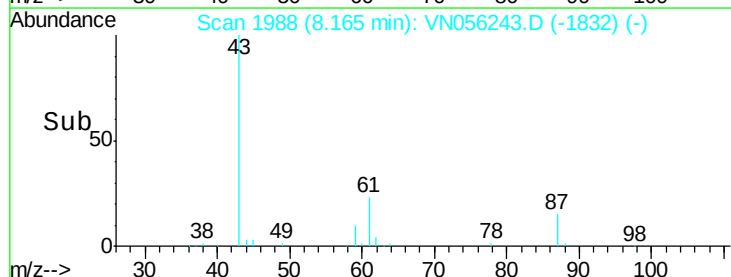
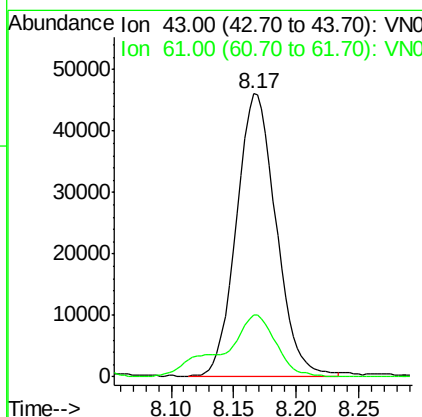
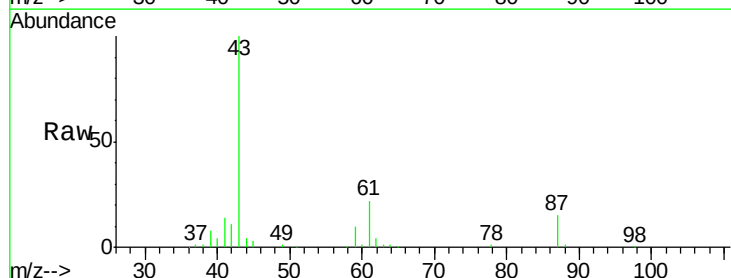
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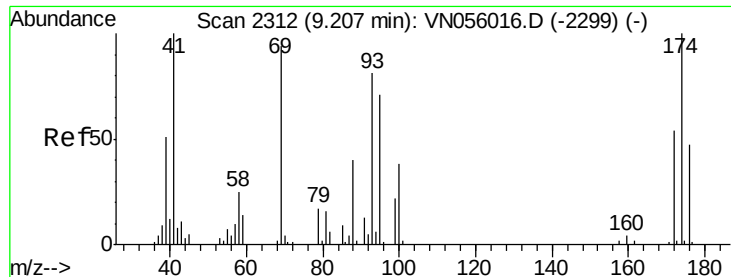
MMDadoda
6/13/2019 9:42:24 AM



#44
Isopropyl Acetate
Concen: 20.681 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN056243.D
Acq: 12 Jun 2019 12:25

Tgt Ion	43	61	Ratio	100	21.3	Resp	100684	Lower	16.9	Upper	25.3
Ion	43	61	Ratio	100	21.3	Resp	100684	Lower	16.9	Upper	25.3





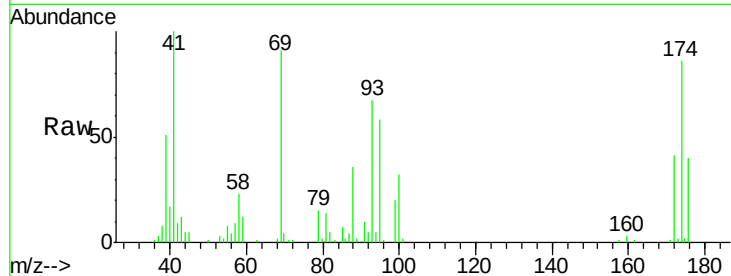
#45
 1,4-Dioxane
 Concen: 422.750 ug/l
 RT: 9.20 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VN056243.D
 Acq: 12 Jun 2019 12:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.0	19.8	29.6
58	63.9	48.5	72.7

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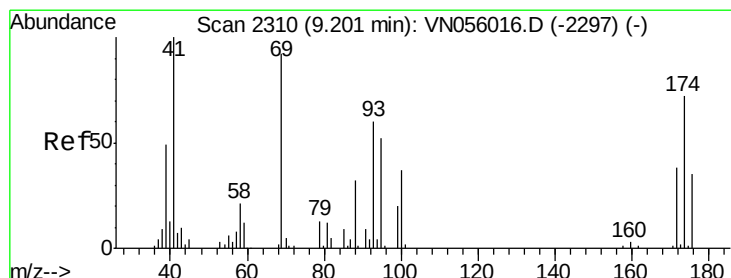
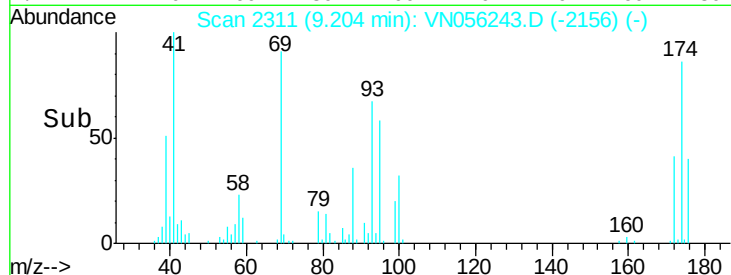
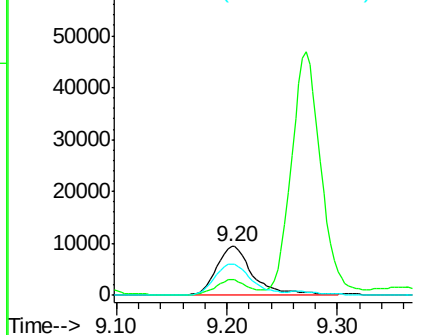


Abundance

Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#46
 Methyl methacrylate
 Concen: 20.203 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN056243.D
 Acq: 12 Jun 2019 12:25

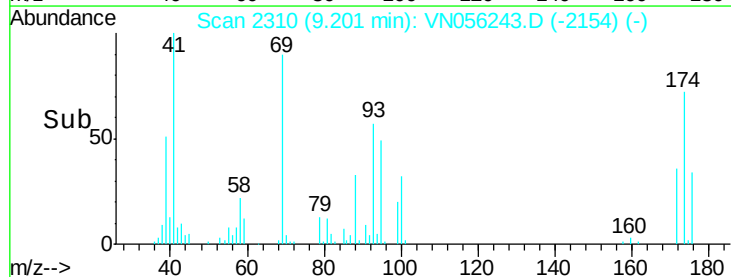
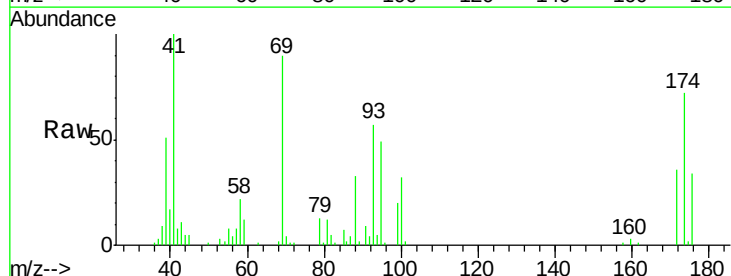
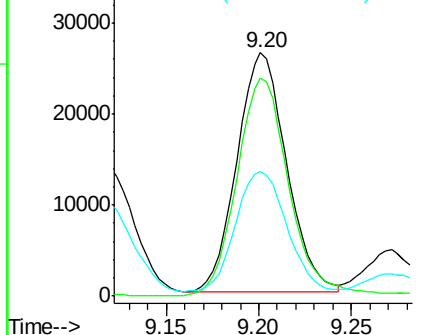
Tgt Ion	Ratio	Lower	Upper
41	100		
69	90.5	46.0	137.8
39	50.1	24.6	73.8

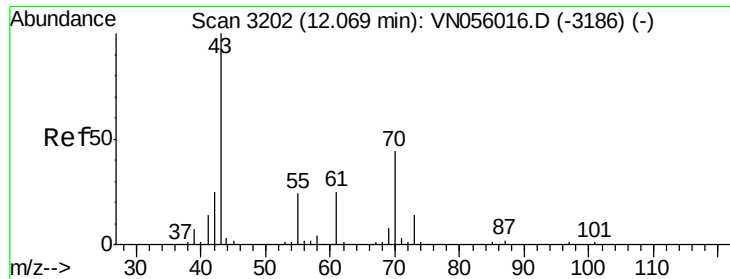
Abundance

Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#47

n-amvl Acetate

Concen: 19.661 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN056243.D

Acq: 12 Jun 2019 12:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tot Ion: 43 Resp: 79158

Ion Ratio Lower Upper

43 100

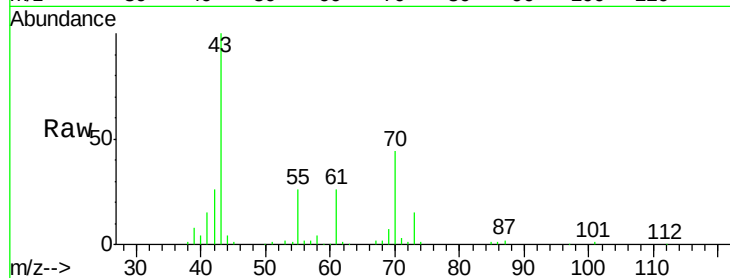
55 26.2 19.0 28.6

Manual Integrations

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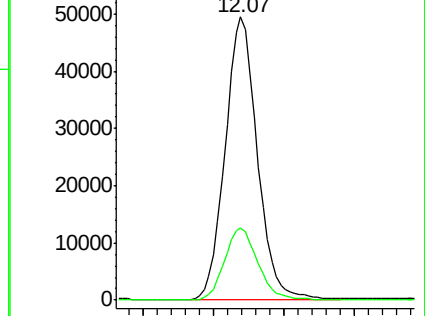
MMDadoda

6/13/2019 9:42:24 AM

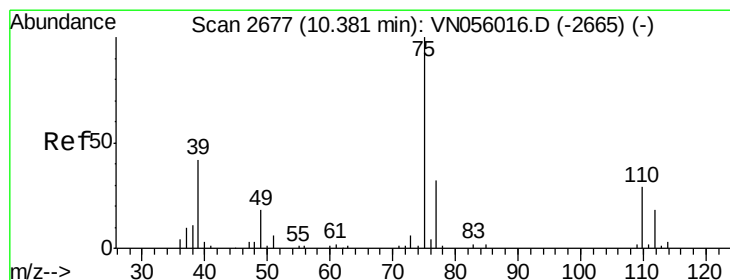
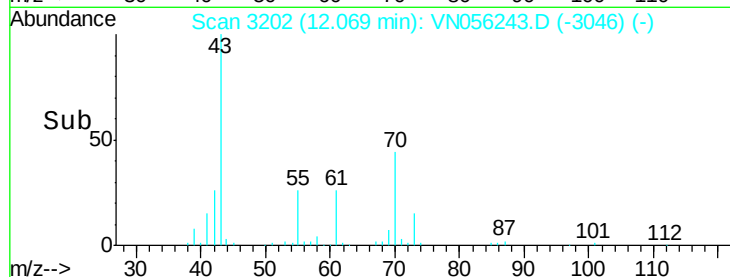


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



Time-->



#48

t-1,3-Dichloropropene

Concen: 19.962 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056243.D

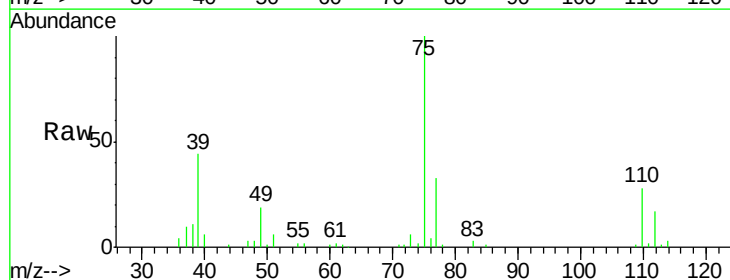
Acq: 12 Jun 2019 12:25

Tgt Ion: 75 Resp: 63343

Ion Ratio Lower Upper

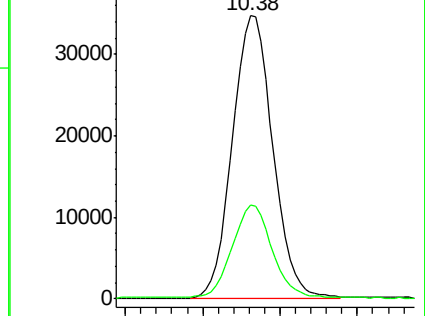
75 100

77 32.7 26.0 39.0

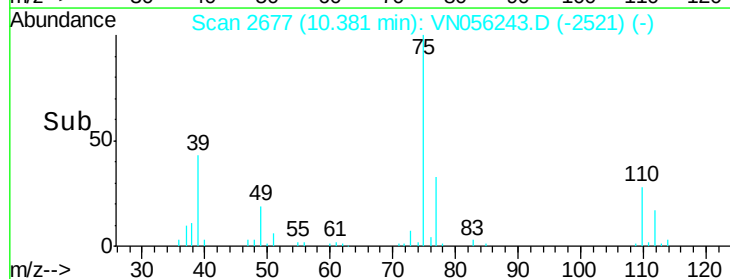


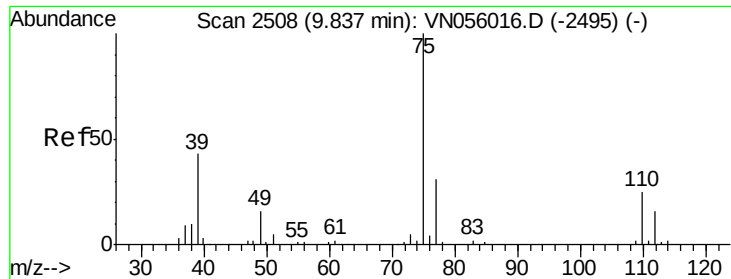
Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



Time-->





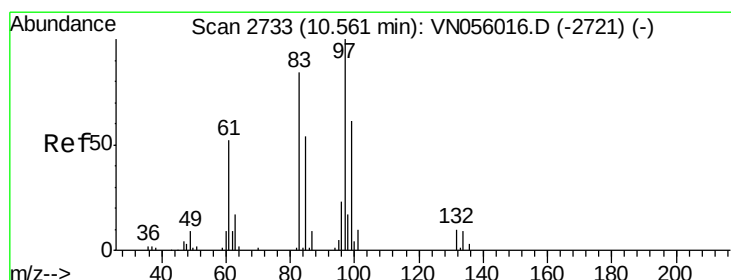
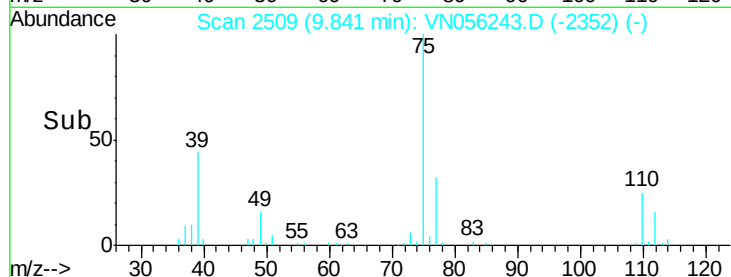
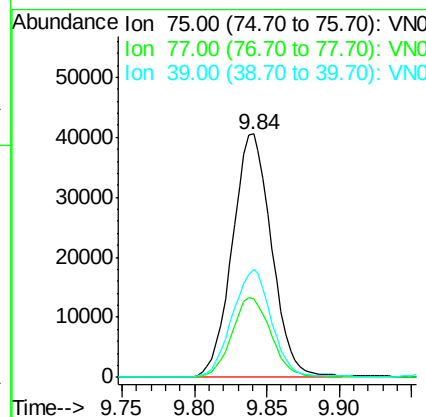
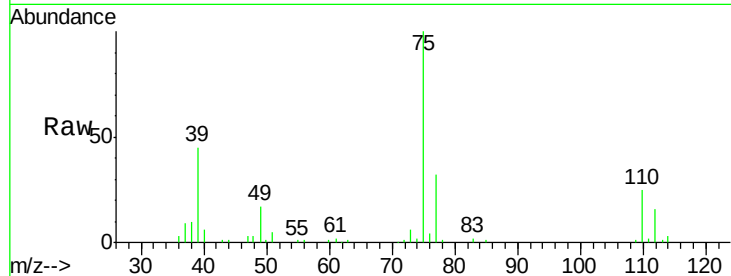
#49
 cis-1,3-Dichloropropene
 Concen: 20.526 ug/l
 RT: 9.84 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN056243.D
 Acq: 12 Jun 2019 12:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.1	37.7
39	44.6	34.3	51.5

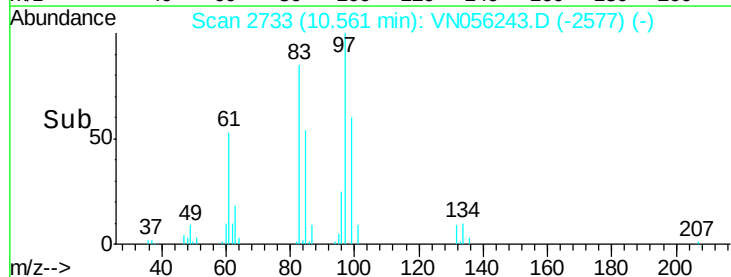
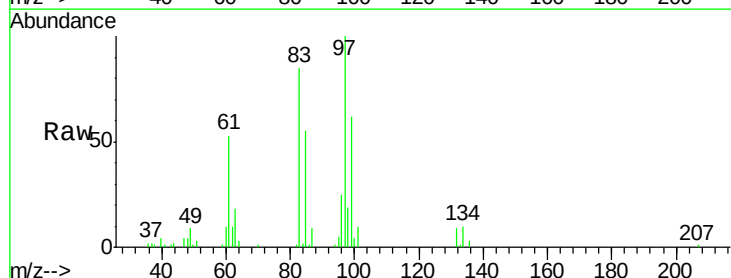
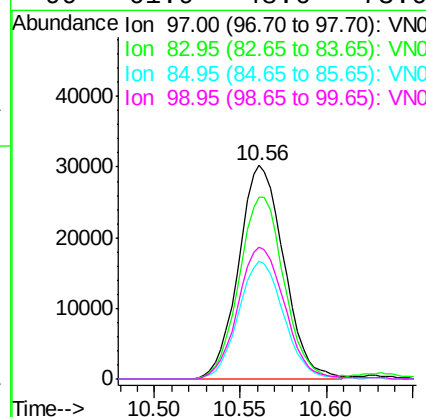
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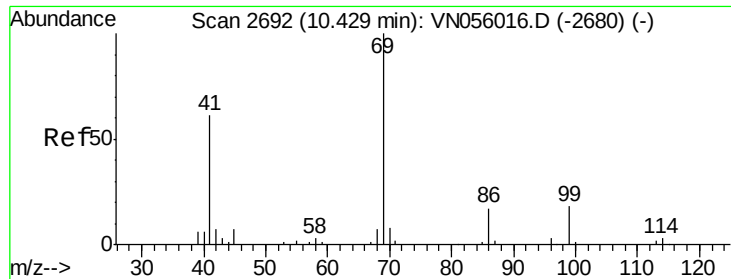
MMDadoda
 6/13/2019 9:42:24 AM



#50
 1,1,2-Trichloroethane
 Concen: 22.214 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN056243.D
 Acq: 12 Jun 2019 12:25

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.3	66.9	100.3
85	55.0	43.3	64.9
99	61.9	48.6	73.0





#51

Ethyl methacrylate

Concen: 20.257 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN056243.D

Acq: 12 Jun 2019 12:25

Instrument :

MSVOA_N

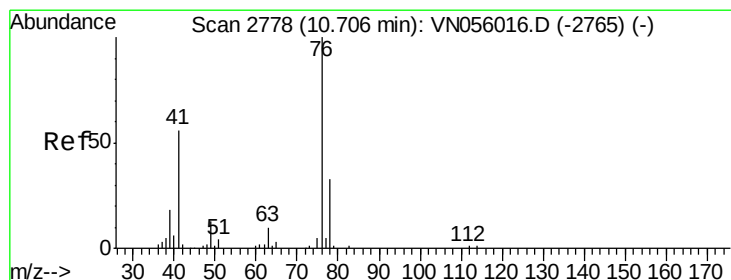
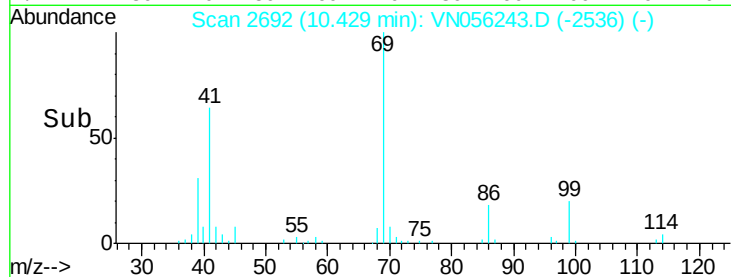
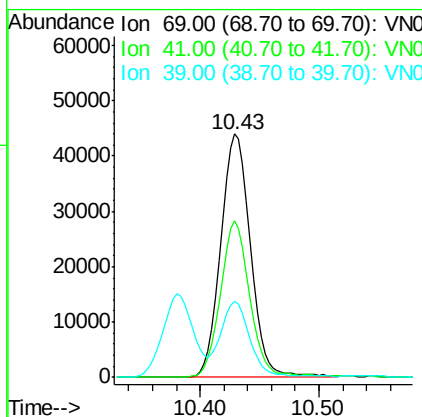
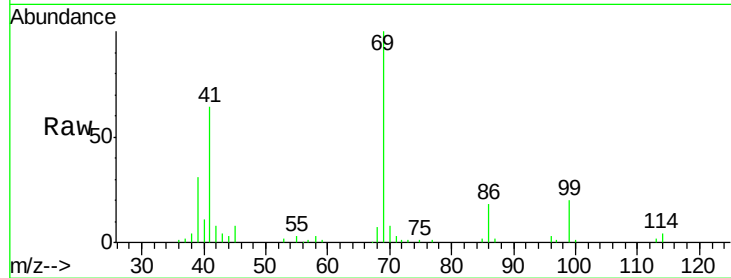
ClientSampleId :

VSTDCCC020EC

Tot Ion:	69	Resp:	76650
Ion	Ratio	Lower	Upper
69	100		
41	63.8	30.8	92.3
39	30.6	14.5	43.6

Manual Integrations
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6/13/2019 9:42:24 AM



#52

1,3-Dichloropropane

Concen: 22.190 ug/l

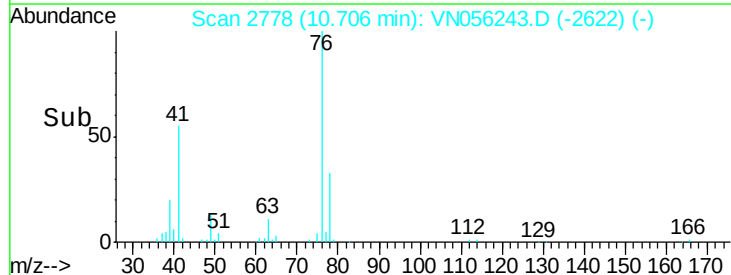
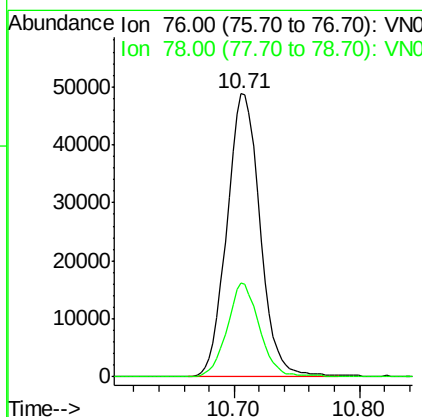
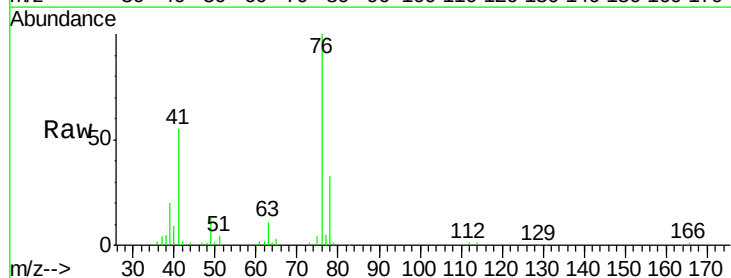
RT: 10.71 min Scan# 2778

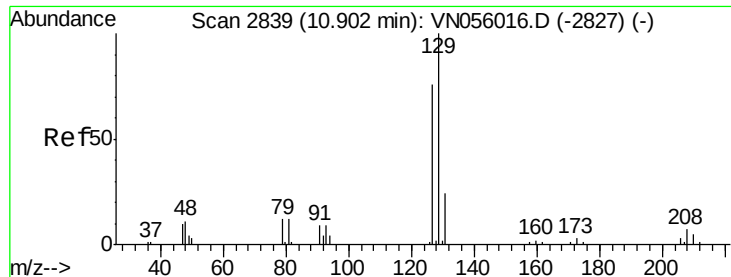
Delta R.T. 0.00 min

Lab File: VN056243.D

Acq: 12 Jun 2019 12:25

Tgt Ion:	76	Resp:	89972
Ion	Ratio	Lower	Upper
76	100		
78	32.0	0.0	63.4





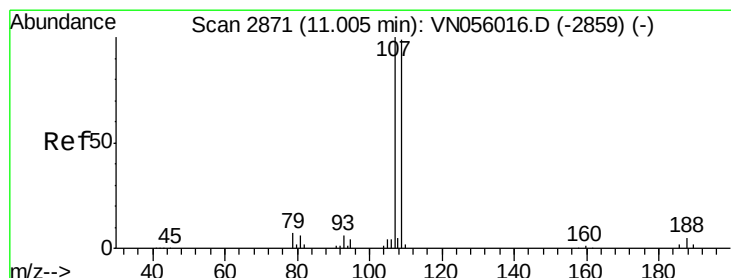
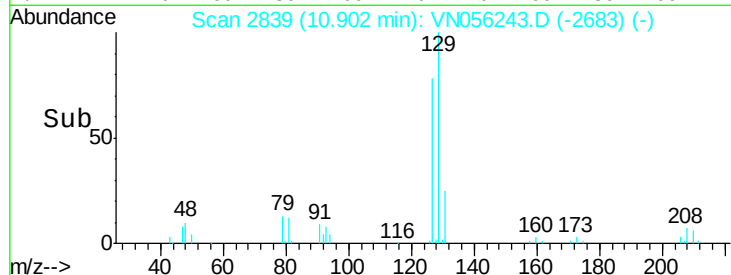
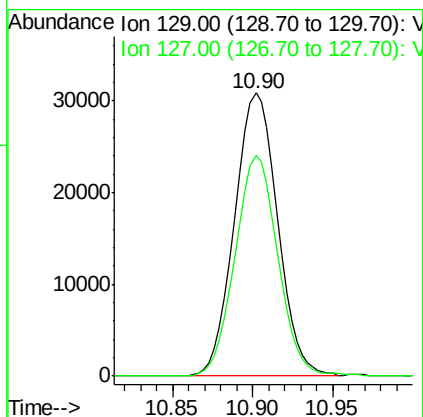
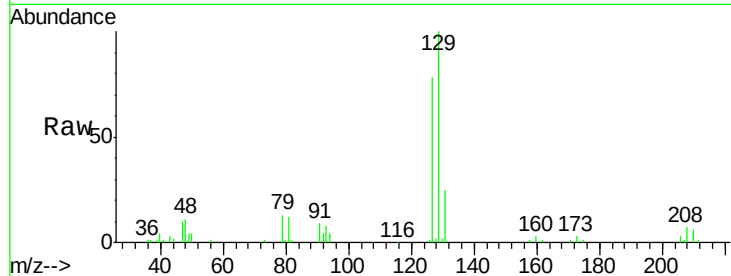
#53
 Dibromochloromethane
 Concen: 23.171 ug/l
 RT: 10.90 min Scan# 2839
 Delta R.T. 0.00 min
 Lab File: VN056243.D
 Acq: 12 Jun 2019 12:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
129	100		56730		
127	77.4	39.1	117.5		

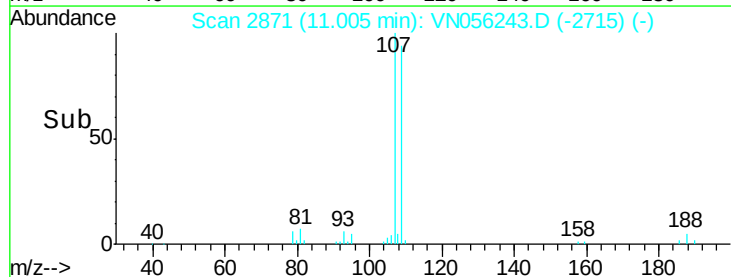
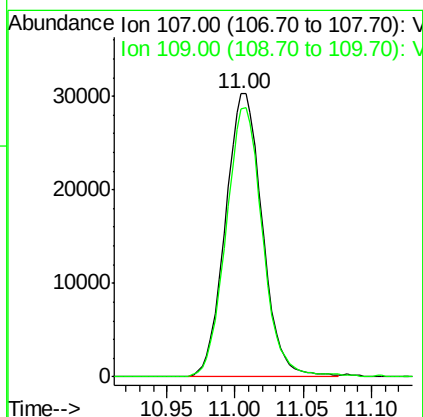
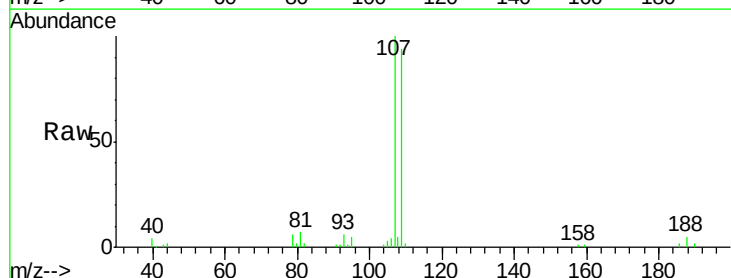
Manual Integrations
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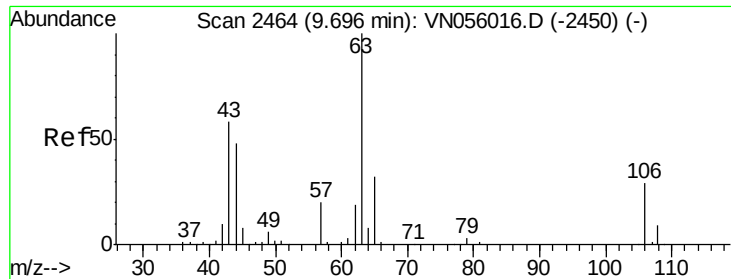
MMDadoda
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#54
 1,2-Dibromoethane
 Concen: 21.842 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN056243.D
 Acq: 12 Jun 2019 12:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		57004		
109	94.3	76.8	115.2		





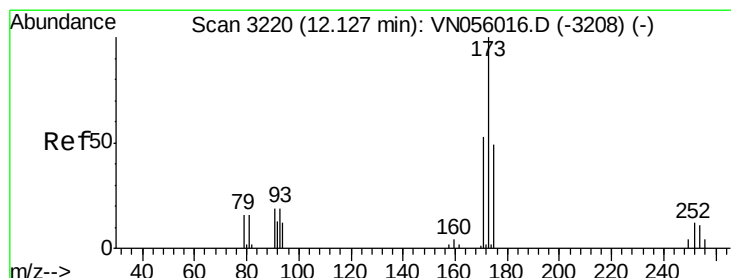
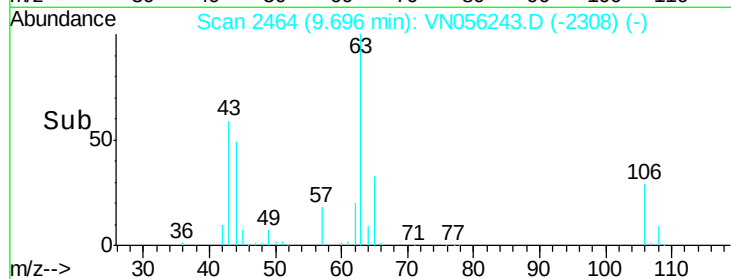
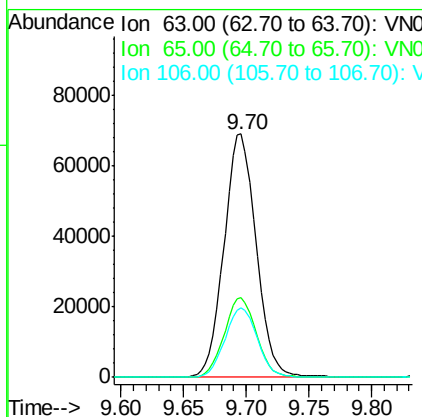
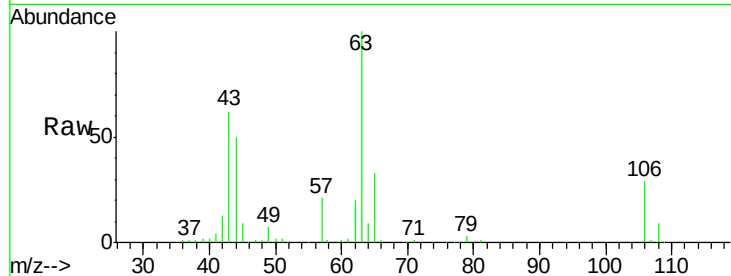
#55
2-Chloroethyl vinyl ether
Concen: 92.875 ug/l
RT: 9.70 min Scan# 2464
Delta R.T. 0.00 min
Lab File: VN056243.D
Acq: 12 Jun 2019 12:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.6	25.5	38.3
106	28.8	23.0	34.4

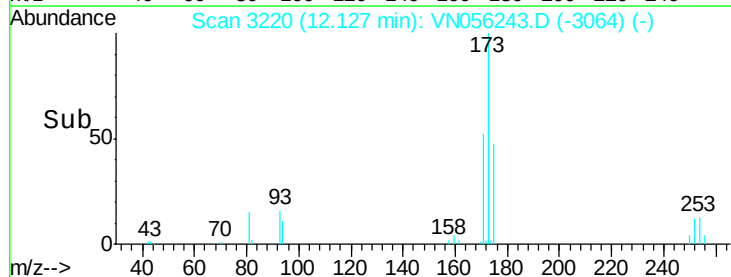
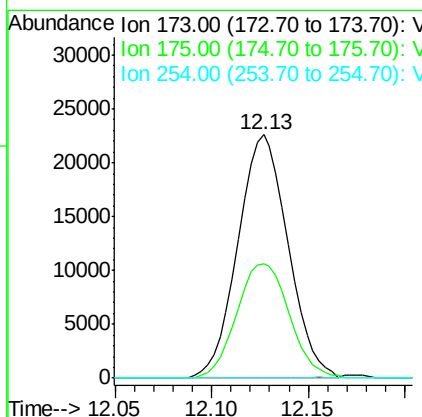
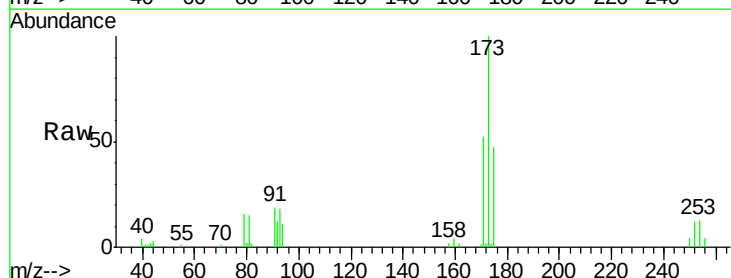
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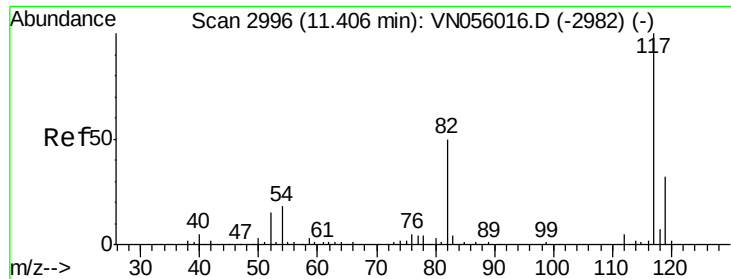
MMDadoda
6/13/2019 9:42:24 AM



#56
Bromoform
Concen: 23.003 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN056243.D
Acq: 12 Jun 2019 12:25

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.3	38.7	58.1
254	0.0	6.6	9.8#





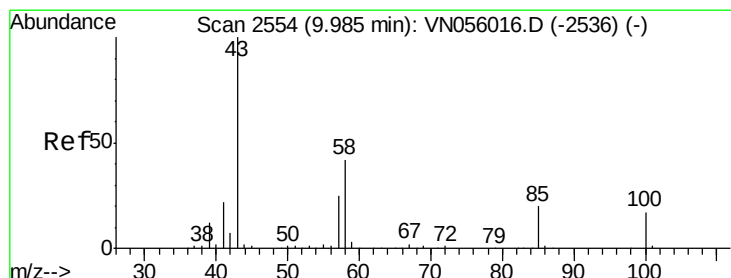
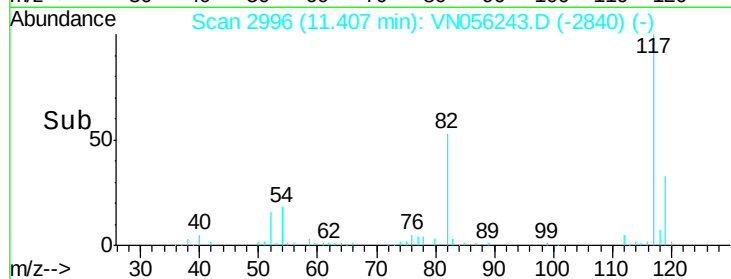
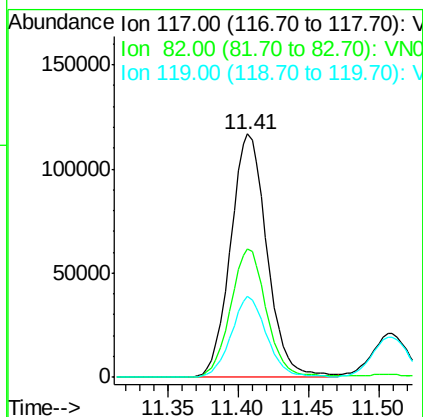
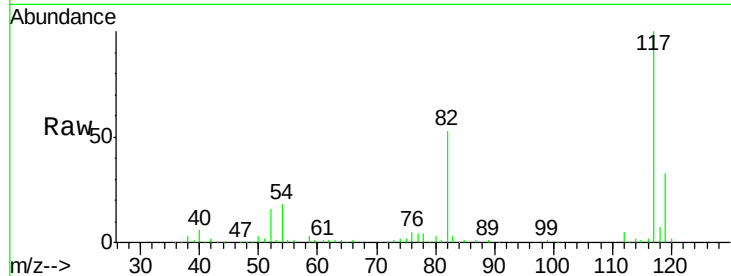
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056243.D
Acq: 12 Jun 2019 12:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.3	41.2	61.8
119	32.3	26.2	39.2

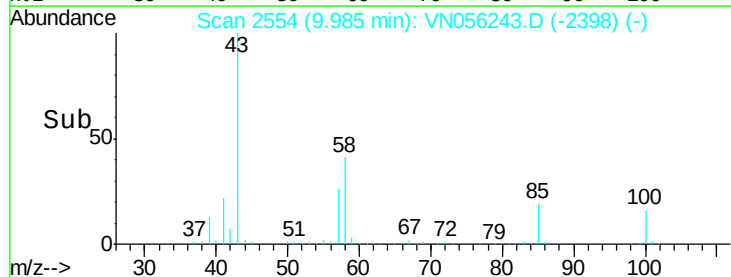
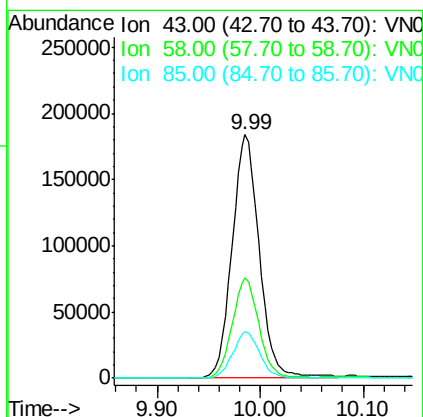
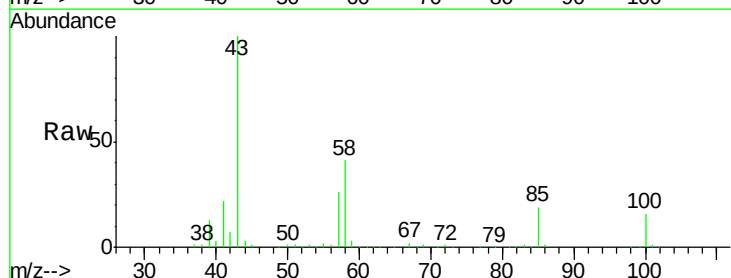
Manual Integrations
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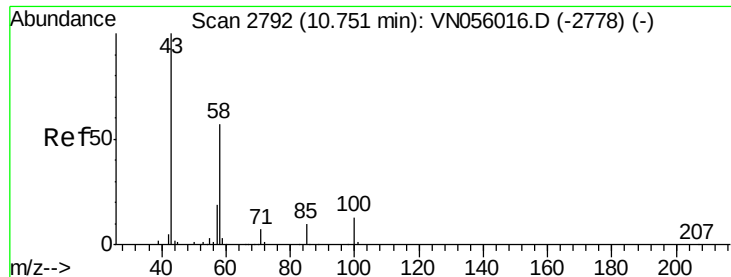
MMDadoda
6/13/2019 9:42:24 AM



#58
4-Methyl-2-Pentanone
Concen: 106.095 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN056243.D
Acq: 12 Jun 2019 12:25

Tgt Ion	Ratio	Lower	Upper
43	100		
58	40.0	33.1	49.7
85	18.7	15.5	23.3





#59

2-Hexanone

Concen: 103.568 ug/l

RT: 10.75 min Scan# 2792

Delta R.T. 0.00 min

Lab File: VN056243.D

Acq: 12 Jun 2019 12:25

Instrument :

MSVOA_N

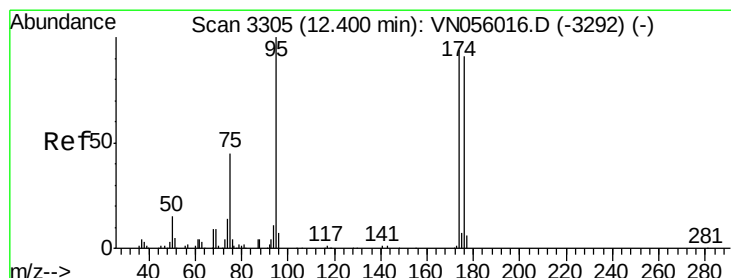
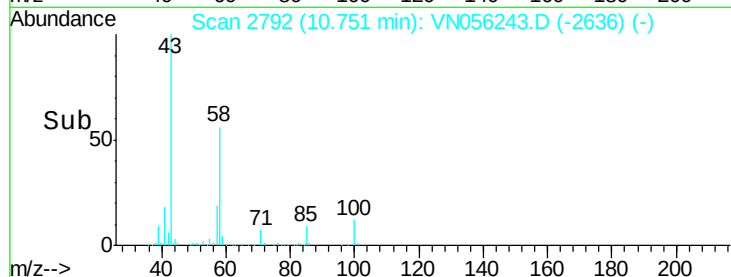
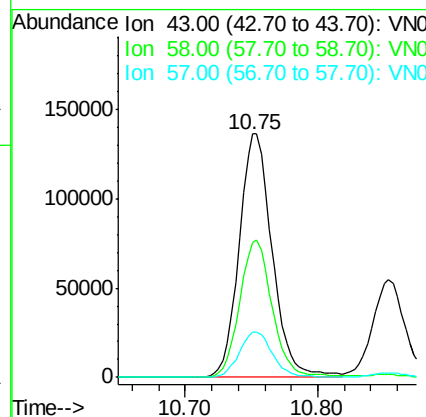
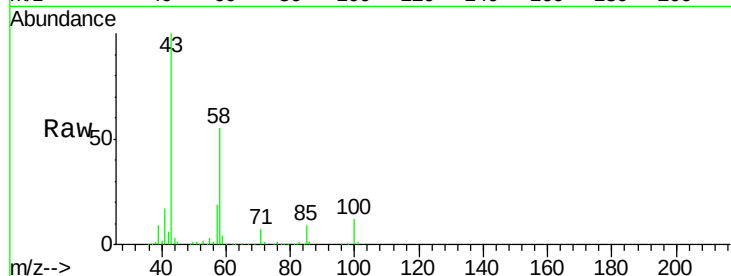
ClientSampleId :

VSTDCCC020EC

Tot Ion:	43	Resp:	236667
Ion Ratio	Lower	Upper	
43	100		
58	55.8	45.3	67.9
57	18.7	15.6	23.4

Manual Integrations
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#60

4-Bromofluorobenzene

Concen: 28.793 ug/l

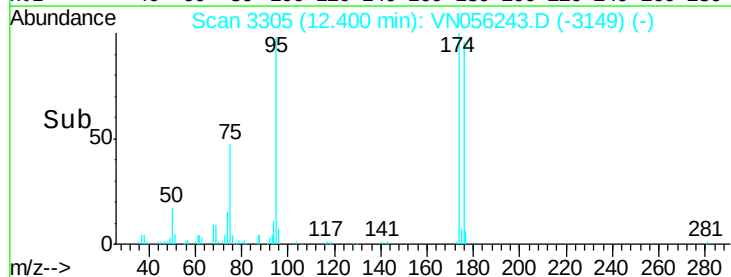
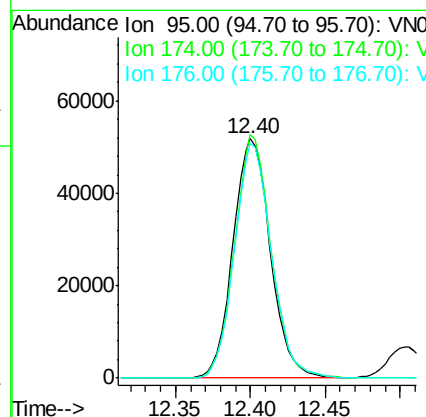
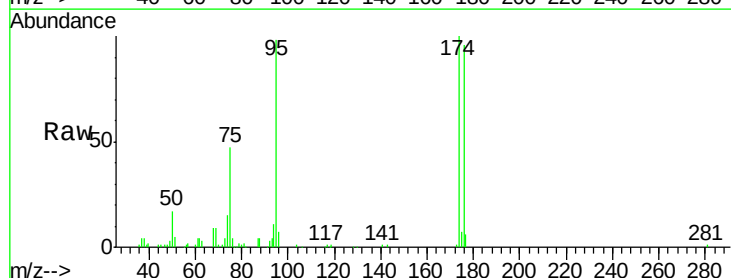
RT: 12.40 min Scan# 3305

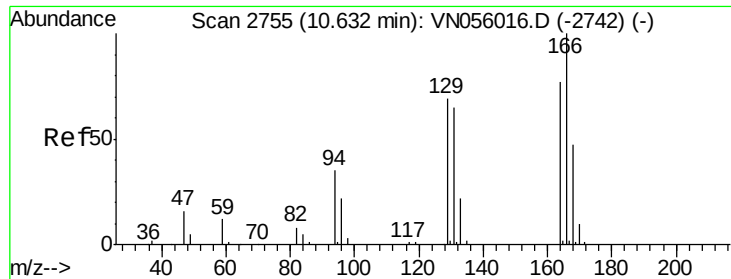
Delta R.T. 0.00 min

Lab File: VN056243.D

Acq: 12 Jun 2019 12:25

Tgt Ion:	95	Resp:	90107
Ion Ratio	Lower	Upper	
95	100		
174	99.7	75.4	113.0
176	97.1	73.9	110.9





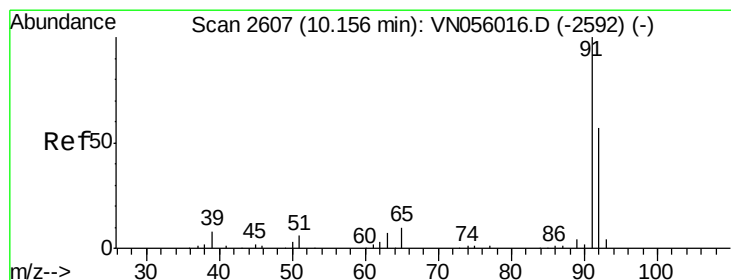
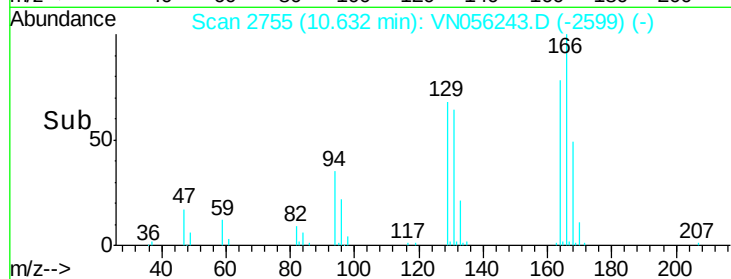
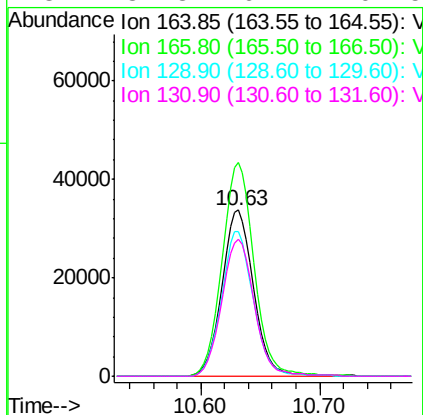
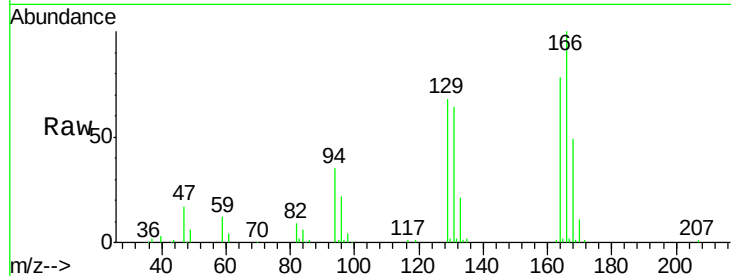
#61
Tetrachloroethene
Concen: 21.081 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN056243.D
Acq: 12 Jun 2019 12:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
164	100		
166	128.7	104.3	156.5
129	87.5	71.5	107.3
131	82.3	67.7	101.5

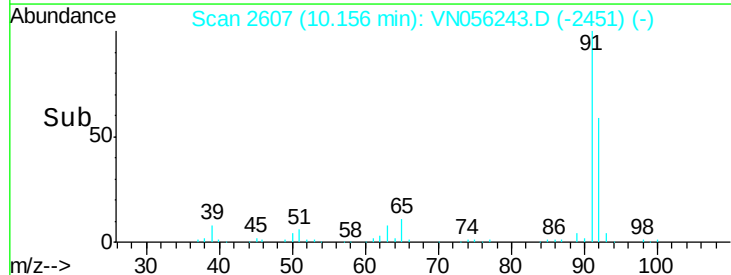
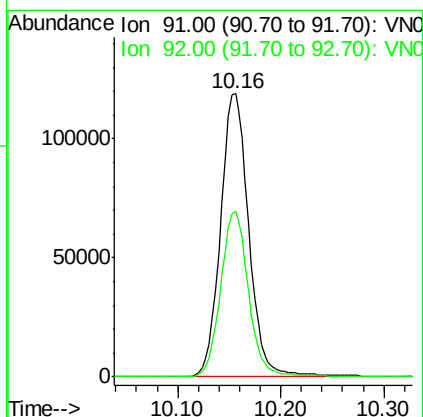
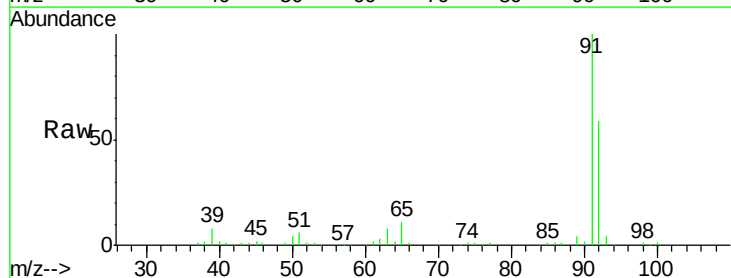
Manual Integrations
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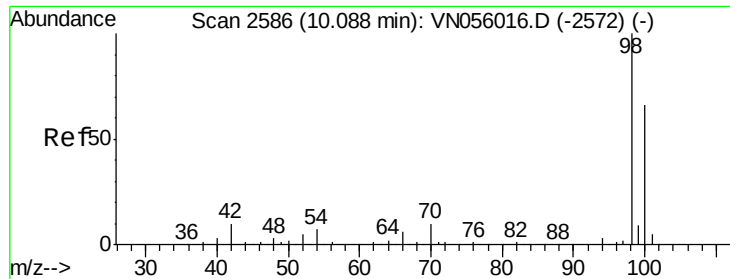
MMDadoda
6/13/2019 9:42:24 AM



#62
Toluene
Concen: 19.927 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN056243.D
Acq: 12 Jun 2019 12:25

Tgt Ion	Ratio	Lower	Upper
91	100		
92	57.9	45.5	68.3





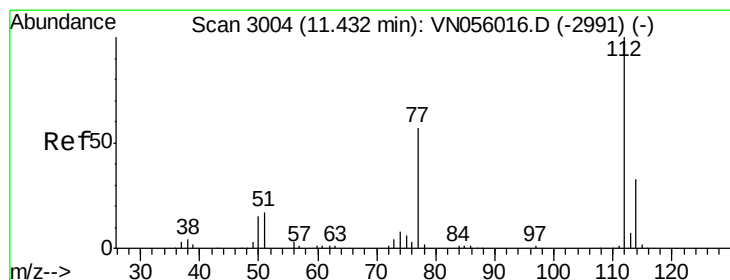
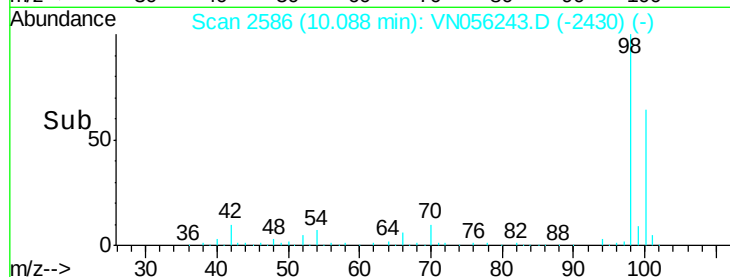
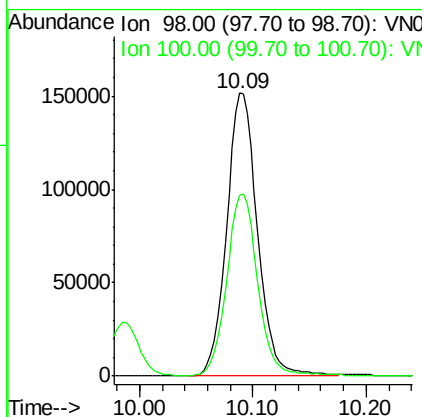
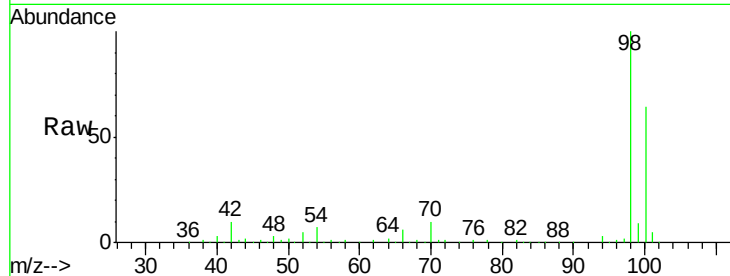
#63
Toluene-d8
Concen: 30.044 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN056243.D
Acq: 12 Jun 2019 12:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion: 98 Resp: 287753
Ion Ratio Lower Upper
98 100
100 63.6 52.2 78.4

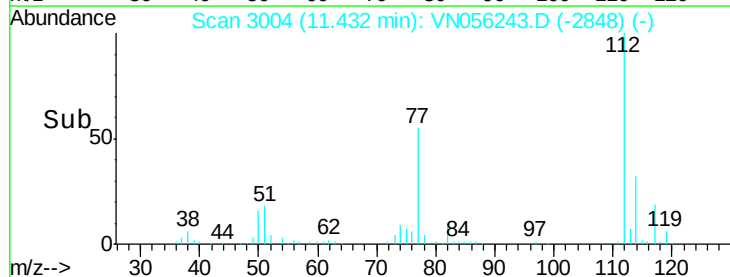
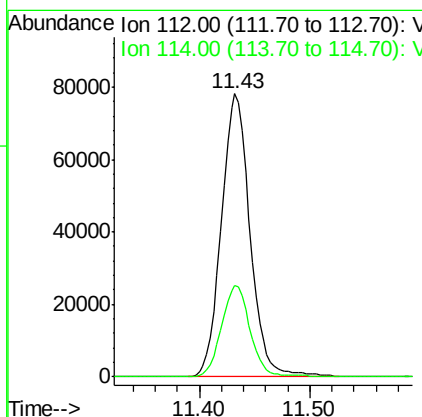
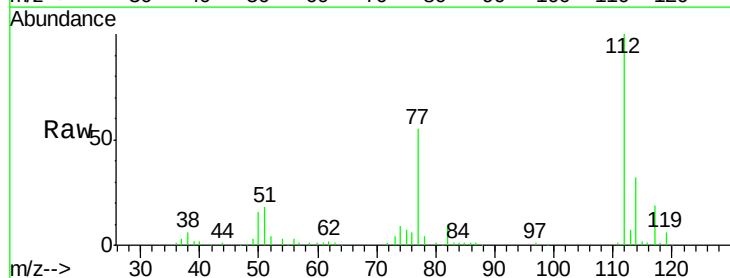
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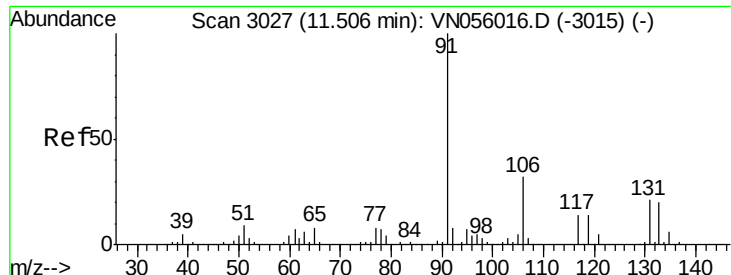
MMDadoda
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#64
Chlorobenzene
Concen: 20.420 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056243.D
Acq: 12 Jun 2019 12:25

Tgt Ion: 112 Resp: 141176
Ion Ratio Lower Upper
112 100
114 32.2 26.1 39.1





#65

1,1,1,2-Tetrachloroethane

Concen: 21.288 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN056243.D

Acq: 12 Jun 2019 12:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tot Ion:131 Resp: 53070

Ion Ratio Lower Upper

131 100

133 96.3 0.0 193.8

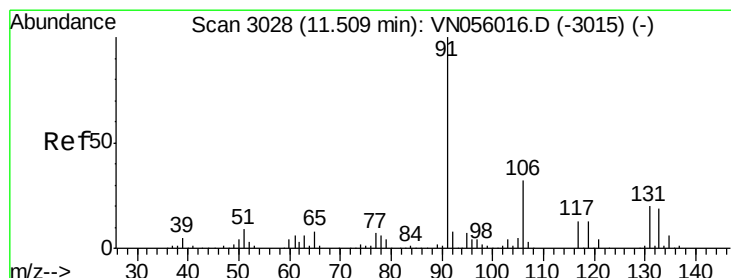
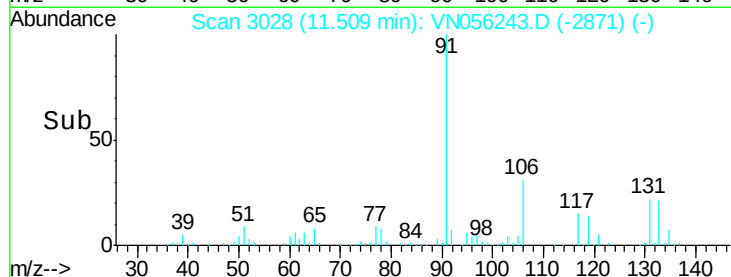
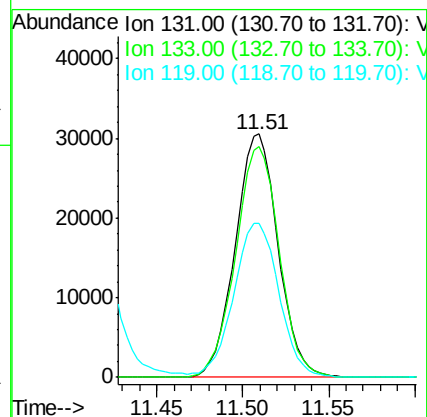
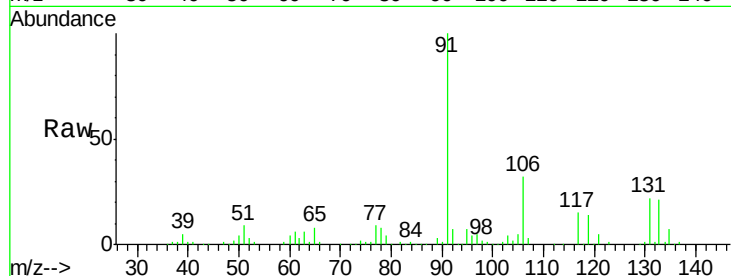
119 66.8 0.0 134.4

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#66

Ethyl Benzene

Concen: 19.437 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN056243.D

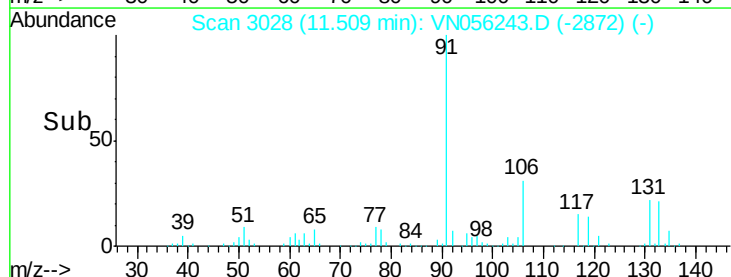
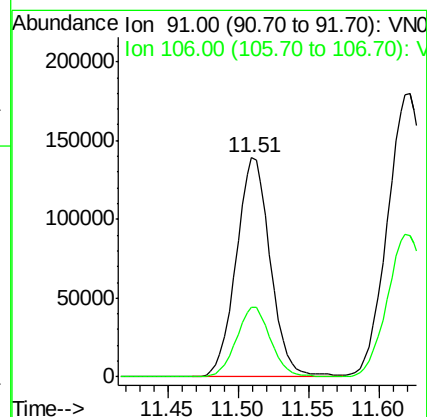
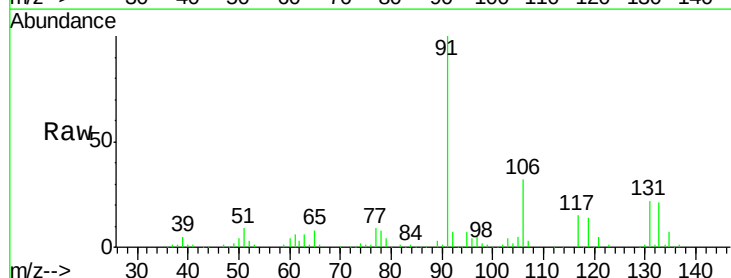
Acq: 12 Jun 2019 12:25

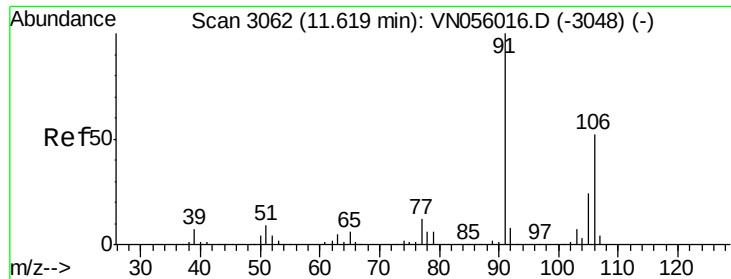
Tgt Ion: 91 Resp: 235968

Ion Ratio Lower Upper

91 100

106 31.8 25.7 38.5





#67

m/p-Xylenes

Concen: 39.428 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN056243.D

Acq: 12 Jun 2019 12:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tot Ion:106 Resp: 183211

Ion Ratio Lower Upper

106 100

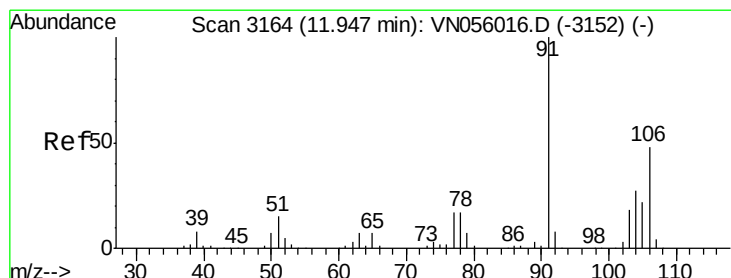
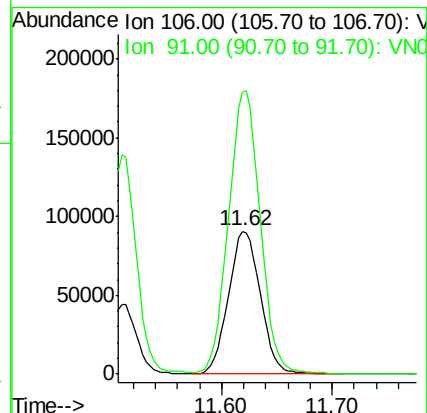
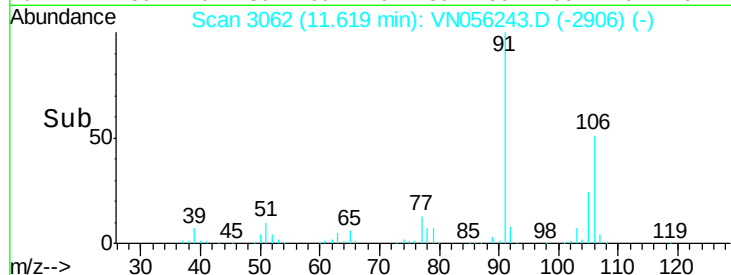
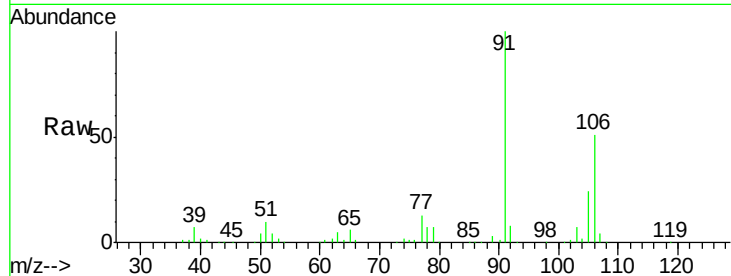
91 196.3 155.7 233.5

Manual Integrations

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#68

o-Xylene

Concen: 20.088 ug/l

RT: 11.95 min Scan# 3164

Delta R.T. 0.00 min

Lab File: VN056243.D

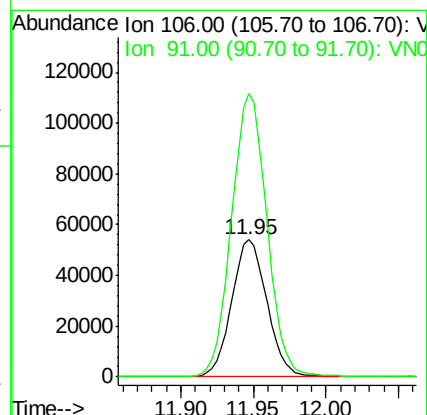
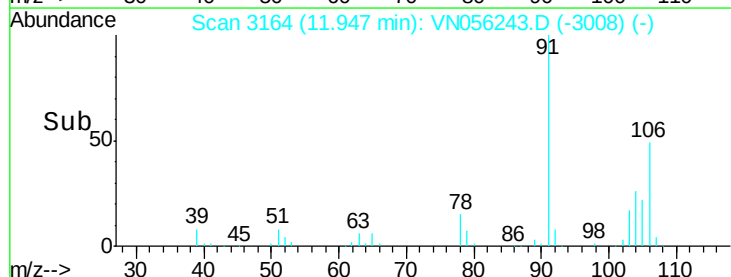
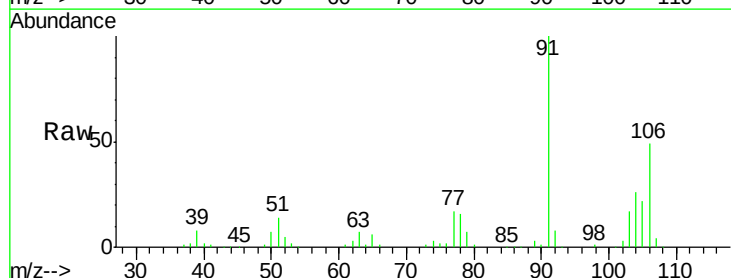
Acq: 12 Jun 2019 12:25

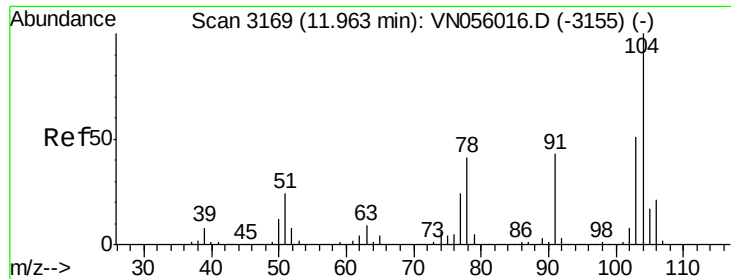
Tgt Ion:106 Resp: 91385

Ion Ratio Lower Upper

106 100

91 207.5 103.9 311.7





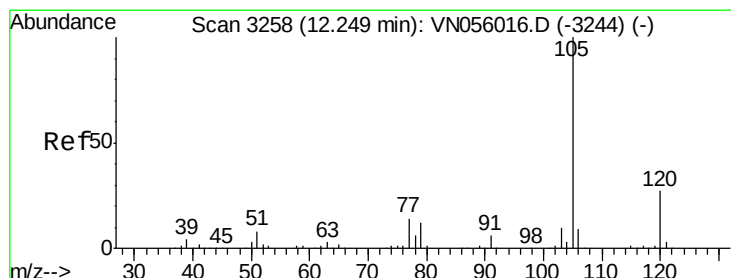
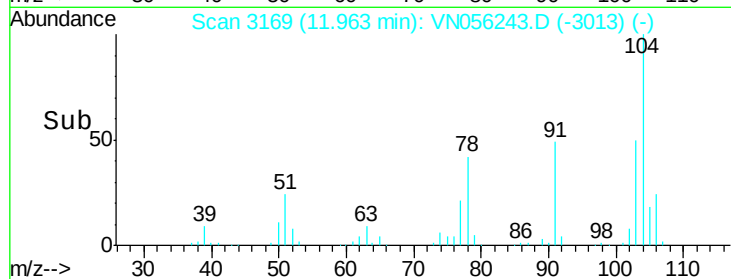
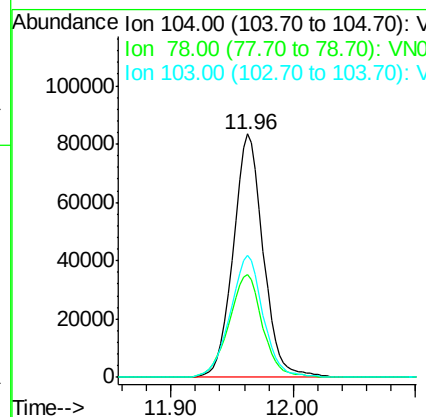
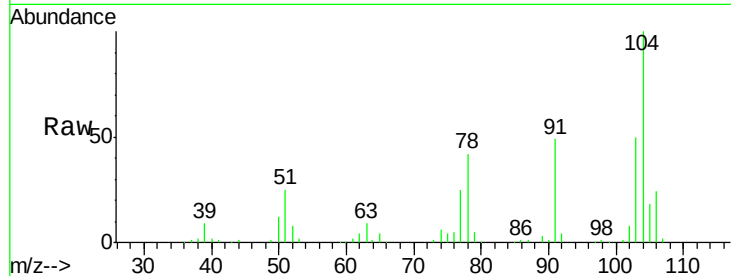
#69
Stvrene
Concen: 19.430 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056243.D
Acq: 12 Jun 2019 12:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
104	100		
78	47.3	37.0	55.6
103	55.0	44.4	66.6

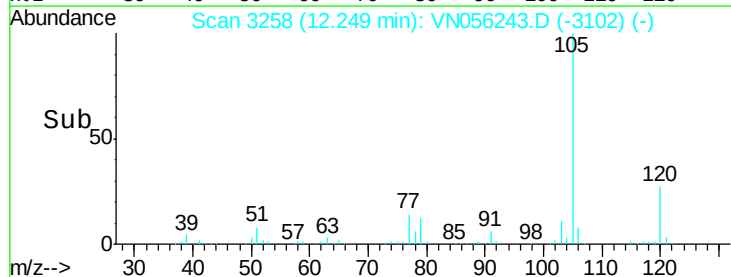
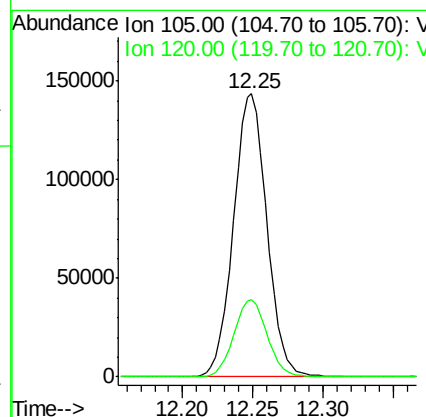
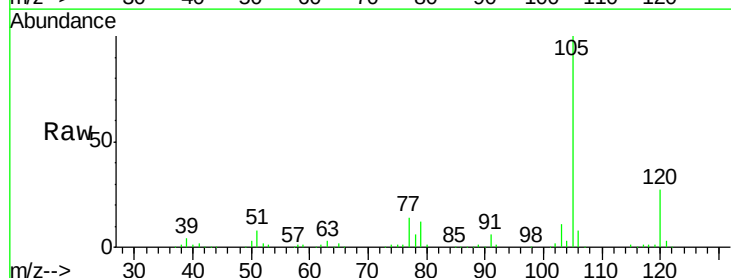
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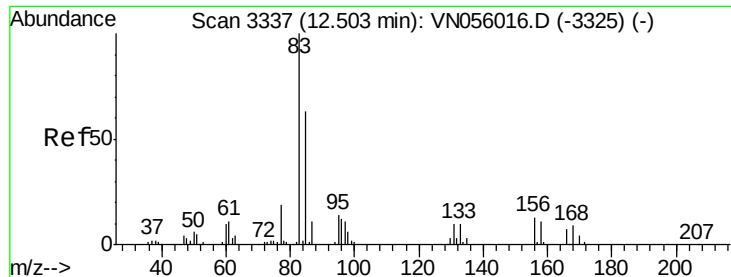
MMDadoda
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#70
Isopropylbenzene
Concen: 19.958 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN056243.D
Acq: 12 Jun 2019 12:25

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.3	19.3	35.8





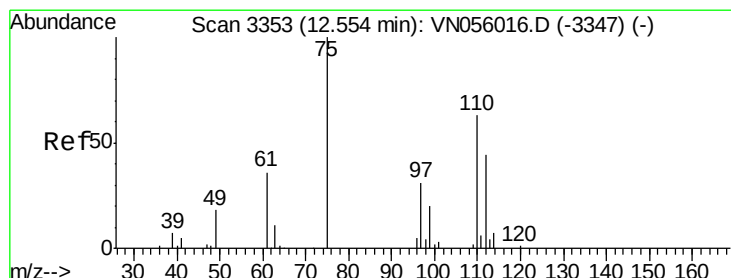
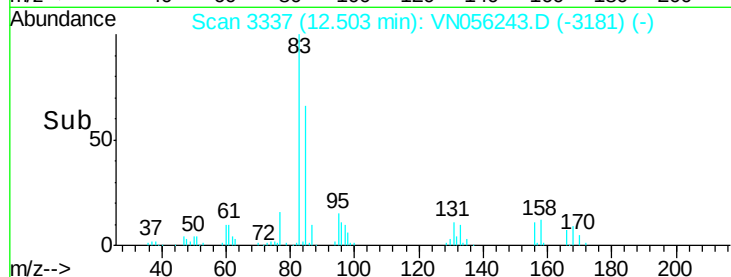
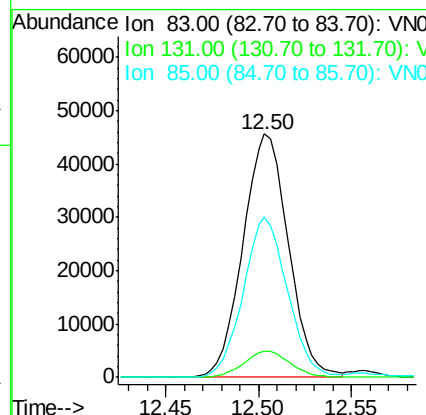
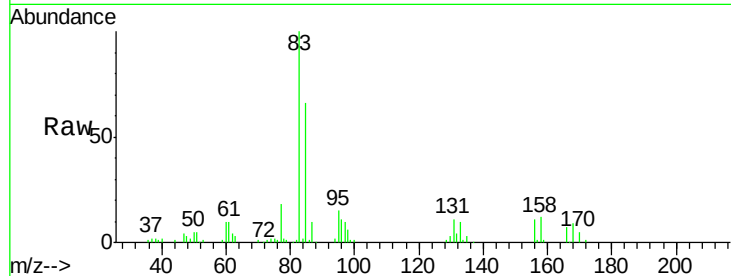
#71
 1,1,2,2-Tetrachloroethane
 Concen: 21.688 ug/l
 RT: 12.50 min Scan# 3337
 Delta R.T. 0.00 min
 Lab File: VN056243.D
 Acq: 12 Jun 2019 12:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	83	Resp	77717
Ion	Ratio	Lower	Upper
83	100		
131	11.0	5.2	15.6
85	64.0	31.6	94.7

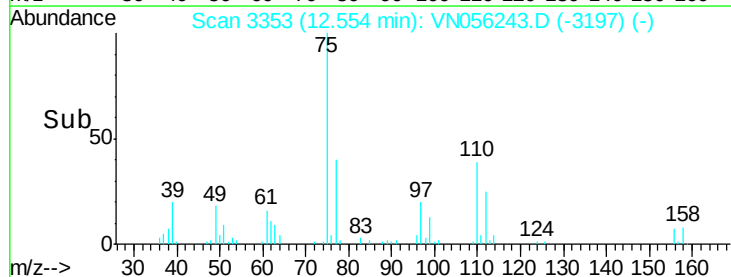
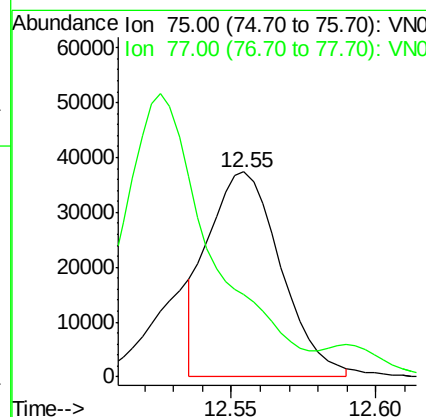
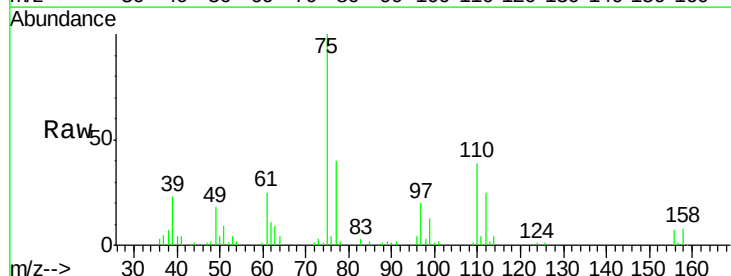
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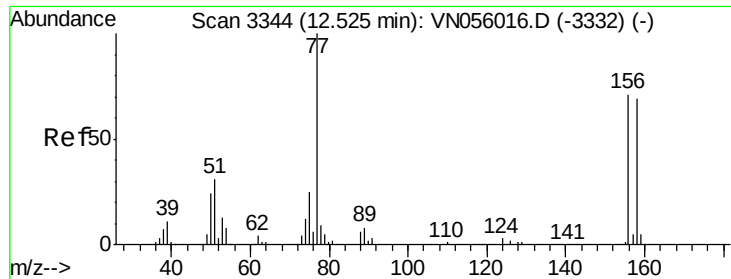
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#72
 1,2,3-Trichloropropane
 Concen: 21.051 ug/l m
 RT: 12.55 min Scan# 3353
 Delta R.T. 0.00 min
 Lab File: VN056243.D
 Acq: 12 Jun 2019 12:25

Tgt Ion	75	Resp	65304
Ion	Ratio	Lower	Upper
75	100		
77	168.7	0.0	350.0





#73

Bromobenzene

Concen: 20.634 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056243.D

Acq: 12 Jun 2019 12:25

Instrument :

MSVOA_N

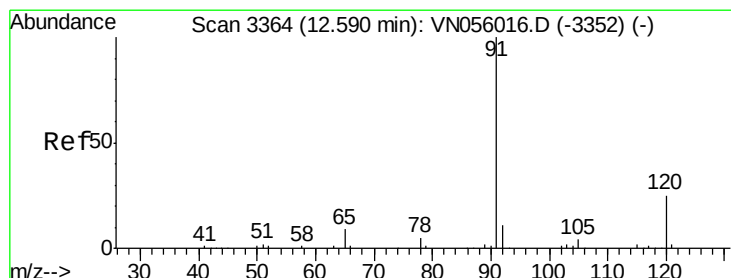
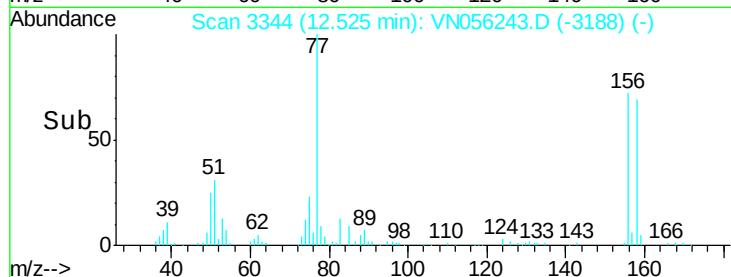
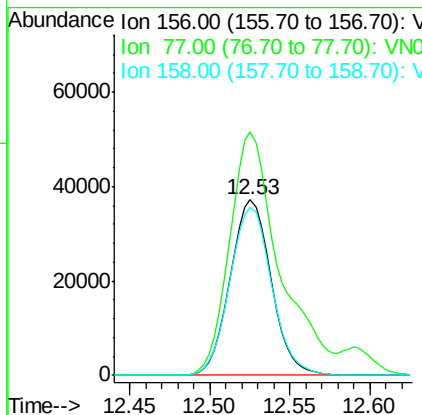
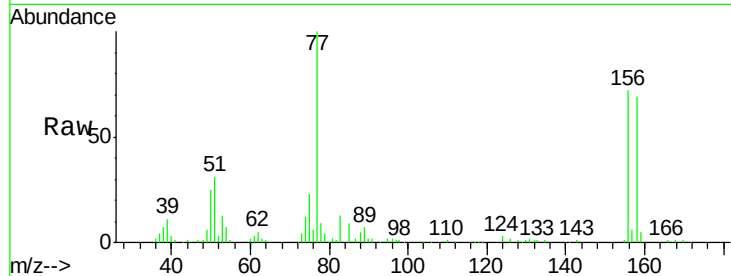
ClientSampleId :

VSTDCCC020EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		65098		
77	169.2	0.0	350.8		
158	98.0	0.0	193.2		

Manual Integrations
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#74

n-propylbenzene

Concen: 19.298 ug/l

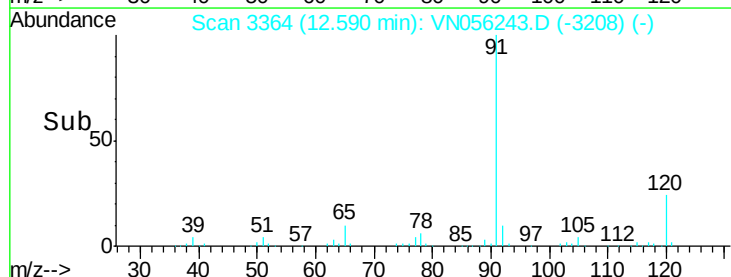
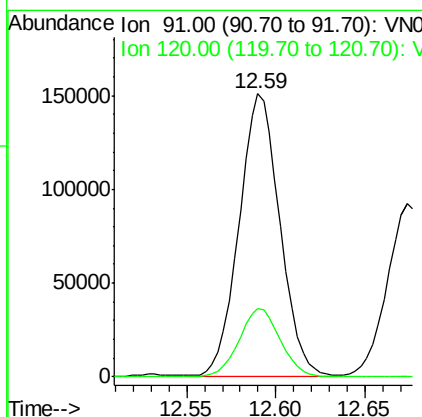
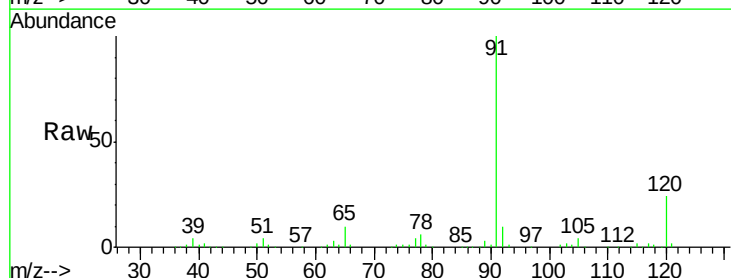
RT: 12.59 min Scan# 3364

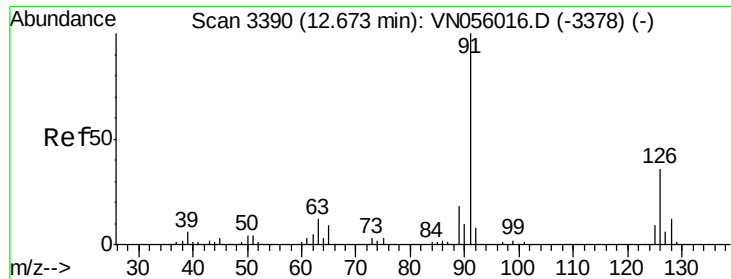
Delta R.T. 0.00 min

Lab File: VN056243.D

Acq: 12 Jun 2019 12:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		242050		
120	24.2	0.0	48.6		





#75

2-Chlorotoluene

Concen: 20.019 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056243.D

Acq: 12 Jun 2019 12:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tot Ion: 91 Resp: 155747

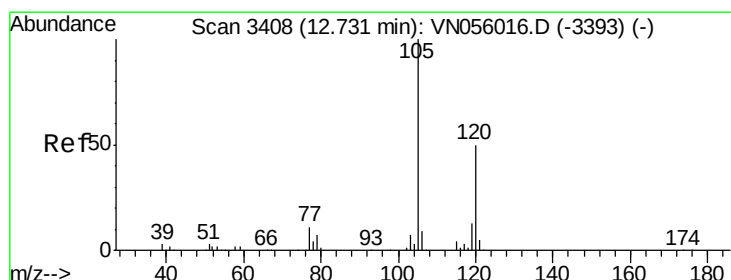
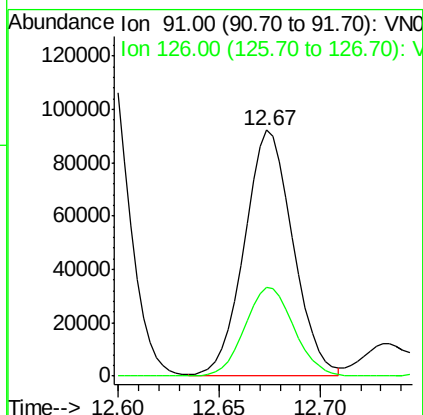
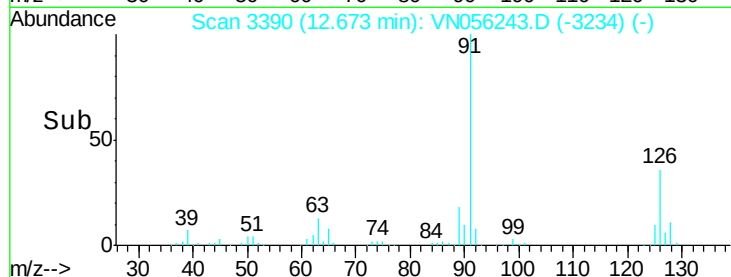
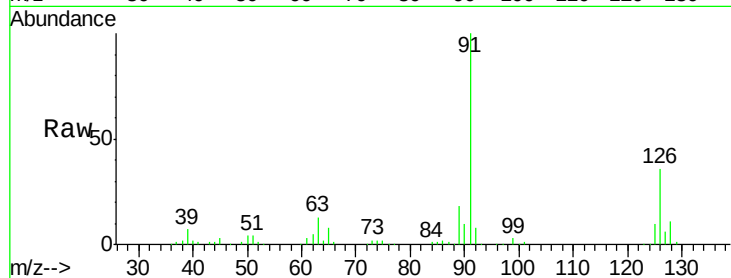
Ion Ratio Lower Upper

91 100

126 36.4 0.0 72.4

Manual Integrations
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#76

1,3,5-Trimethylbenzene

Concen: 19.843 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056243.D

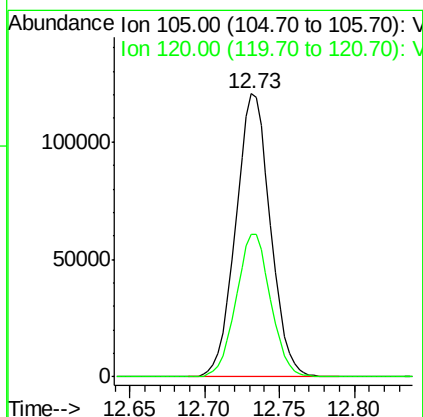
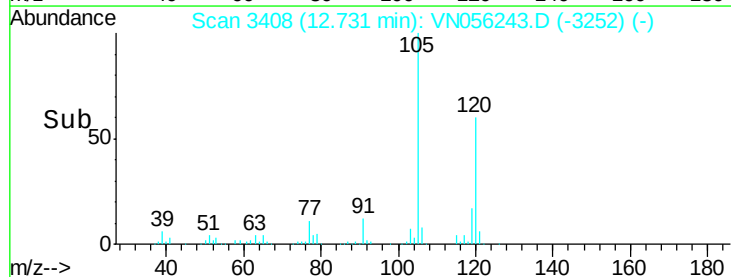
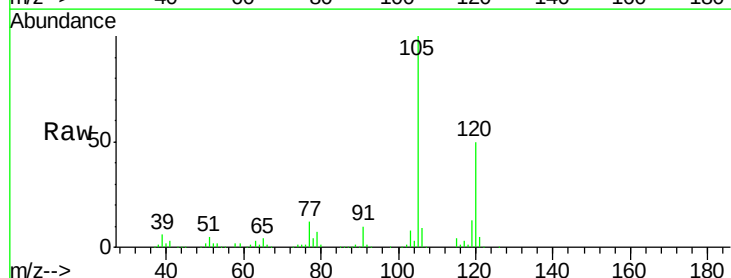
Acq: 12 Jun 2019 12:25

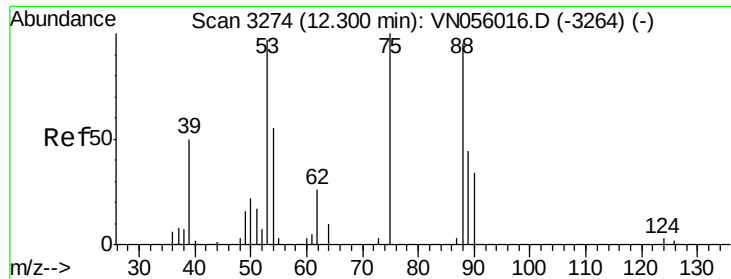
Tgt Ion: 105 Resp: 194002

Ion Ratio Lower Upper

105 100

120 50.3 0.0 100.6





#77

t-1,4-Dichloro-2-butene

Concen: 16.133 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056243.D

Acq: 12 Jun 2019 12:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tot Ion: 75 Resp: 14280

Ion Ratio Lower Upper

75 100

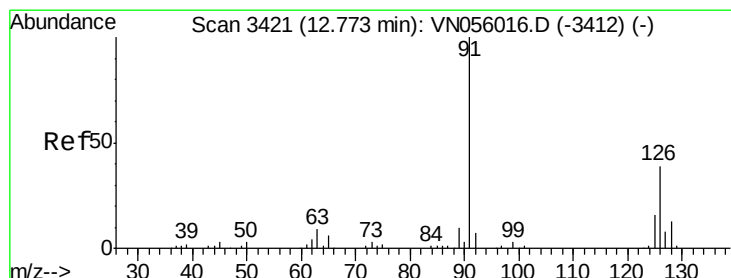
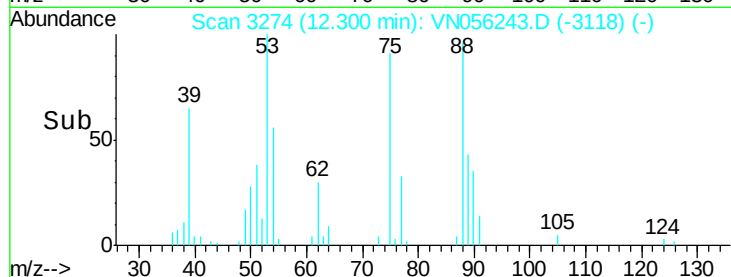
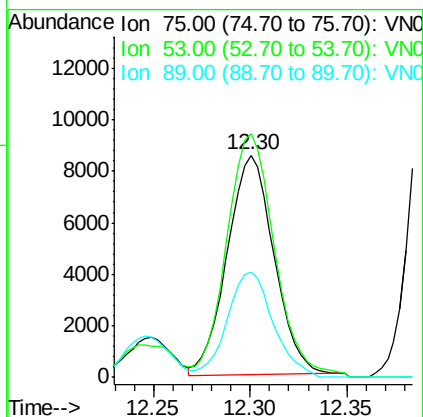
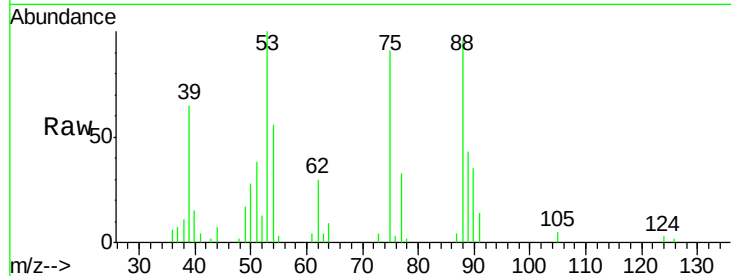
53 108.9 48.0 144.0

89 48.4 22.5 67.5

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#78

4-Chlorotoluene

Concen: 19.369 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN056243.D

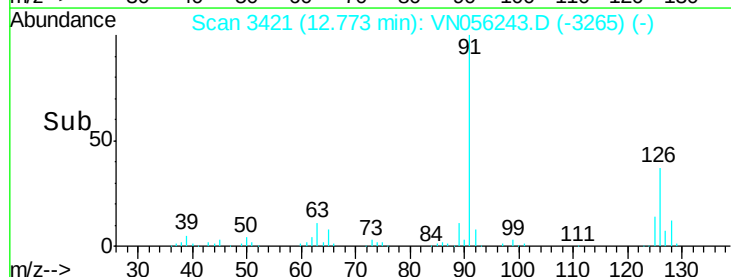
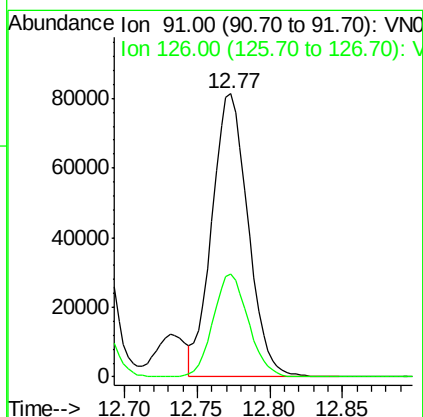
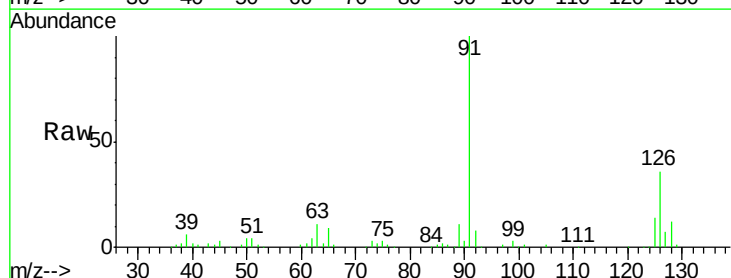
Acq: 12 Jun 2019 12:25

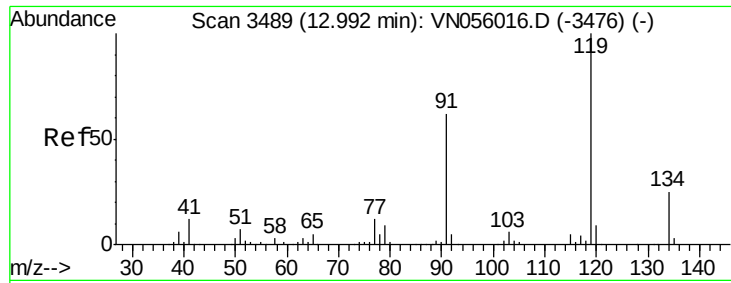
Tgt Ion: 91 Resp: 140730

Ion Ratio Lower Upper

91 100

126 35.5 0.0 71.8





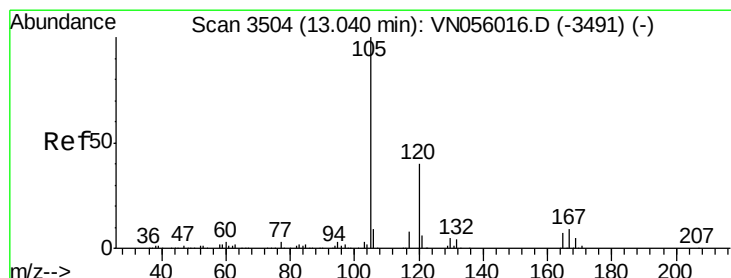
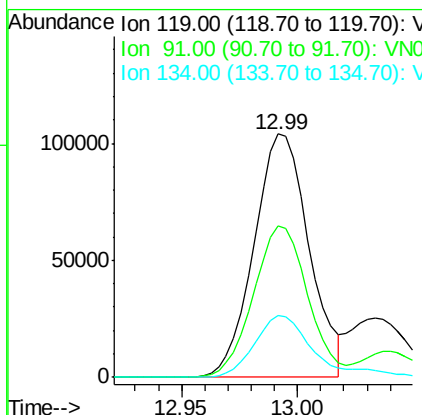
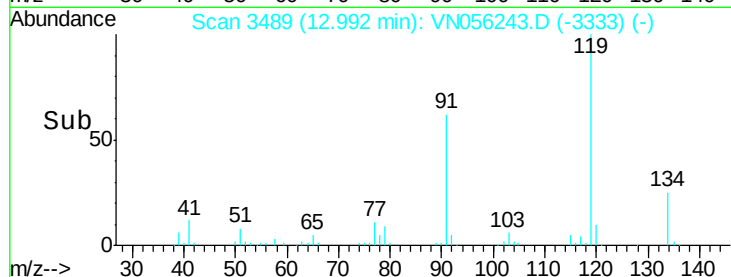
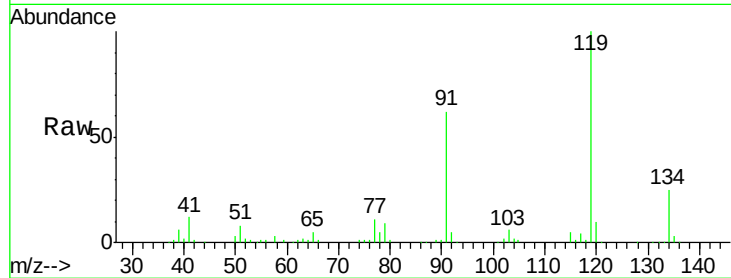
#79
tert-butylbenzene
Concen: 19.885 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN056243.D
Acq: 12 Jun 2019 12:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	172241		
91	61.4	0.0	122.8	
134	25.2	0.0	50.2	

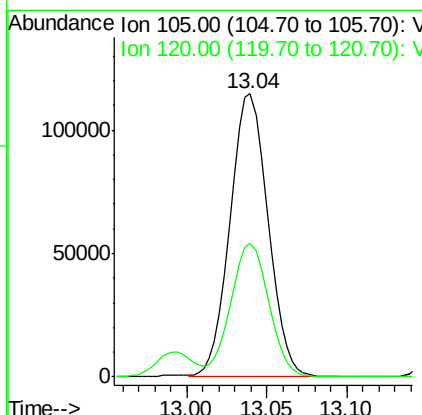
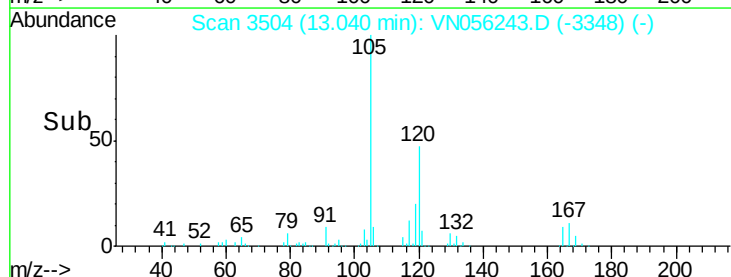
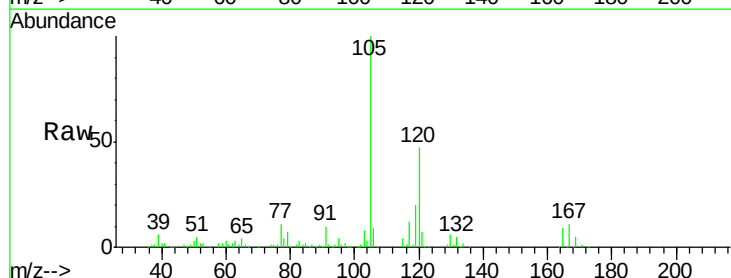
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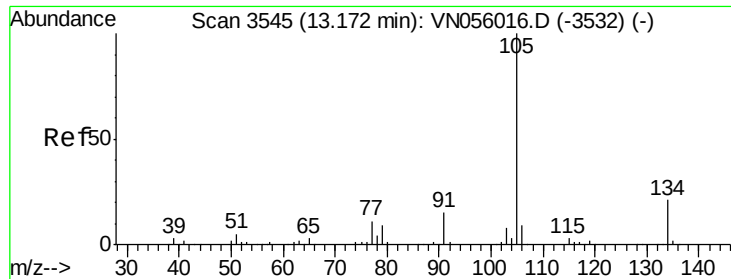
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#80
1,2,4-Trimethylbenzene
Concen: 19.521 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN056243.D
Acq: 12 Jun 2019 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	185657		
120	47.4	0.0	93.4	





#81

sec-Butylbenzene

Concen: 19.786 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN056243.D

Acq: 12 Jun 2019 12:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tot Ion:105 Resp: 216809

Ion Ratio Lower Upper

105 100

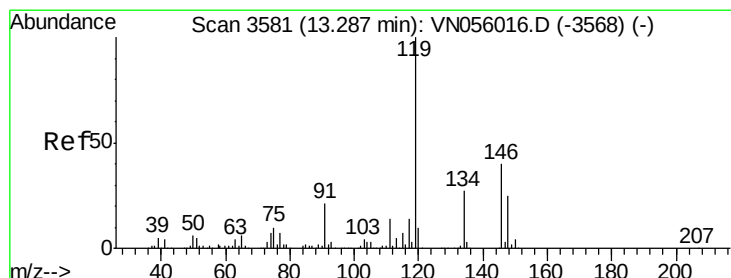
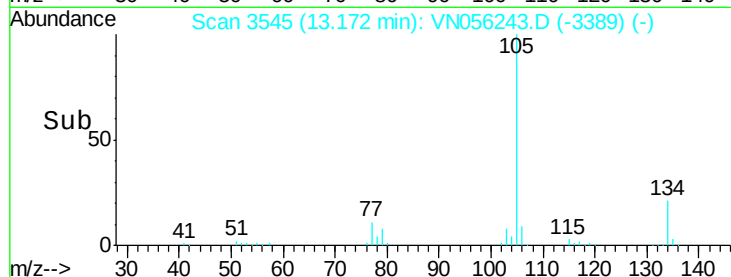
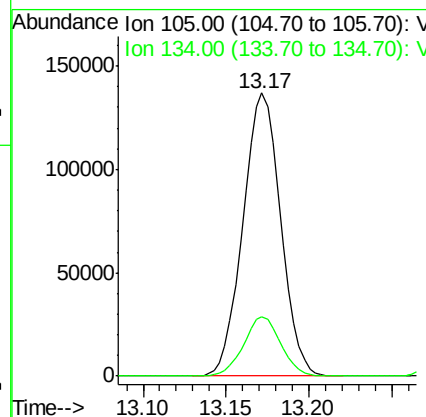
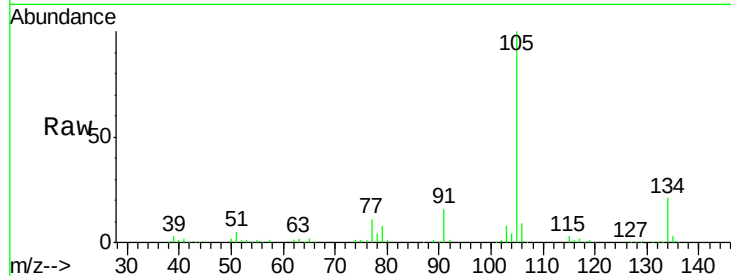
134 20.8 0.0 41.8

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#82

p-Isopropyltoluene

Concen: 19.440 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN056243.D

Acq: 12 Jun 2019 12:25

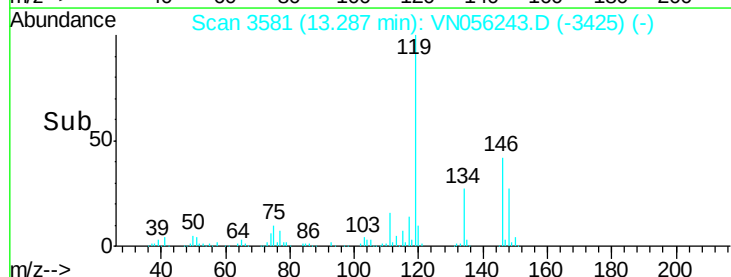
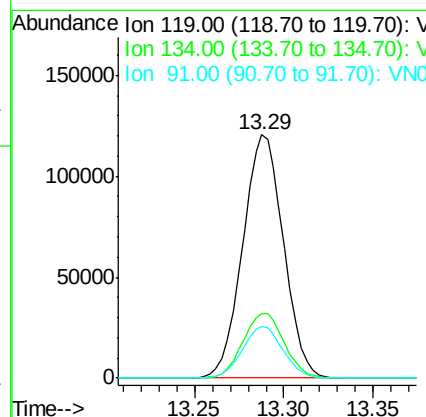
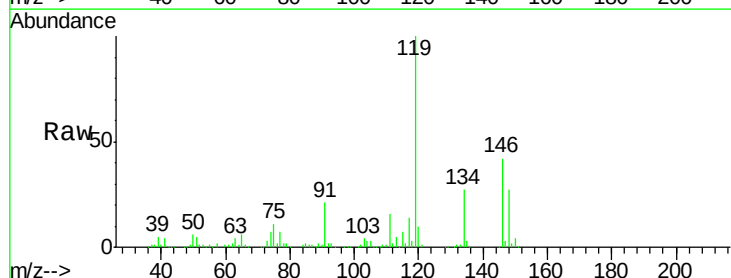
Tgt Ion:119 Resp: 192588

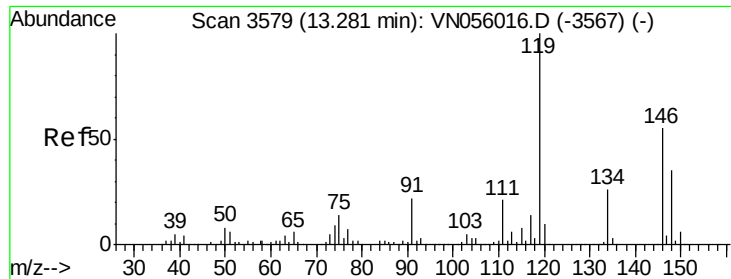
Ion Ratio Lower Upper

119 100

134 27.1 0.0 53.4

91 21.2 0.0 43.0





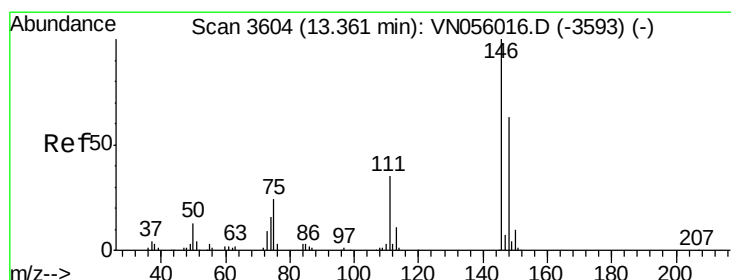
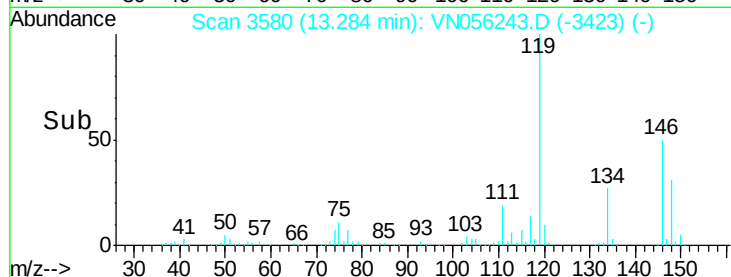
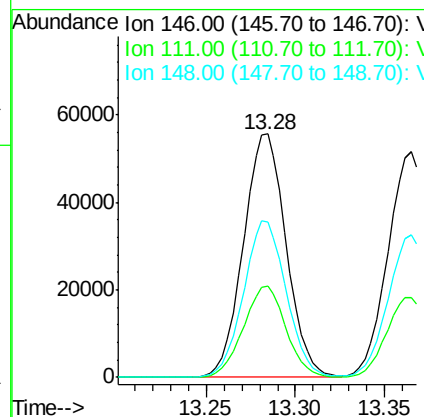
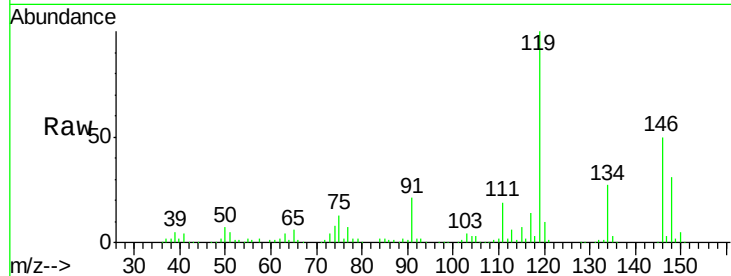
#83
 1,3-Dichlorobenzene
 Concen: 18.919 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN056243.D
 Acq: 12 Jun 2019 12:25

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.2	54.6
148	64.2	31.9	95.9

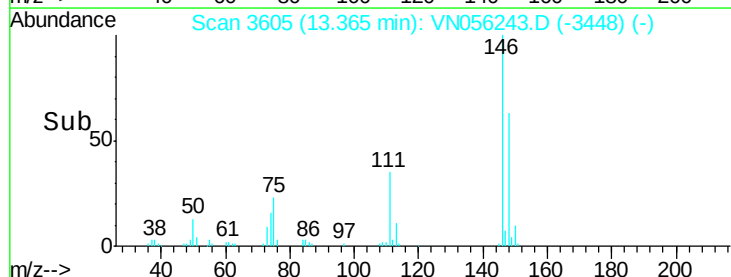
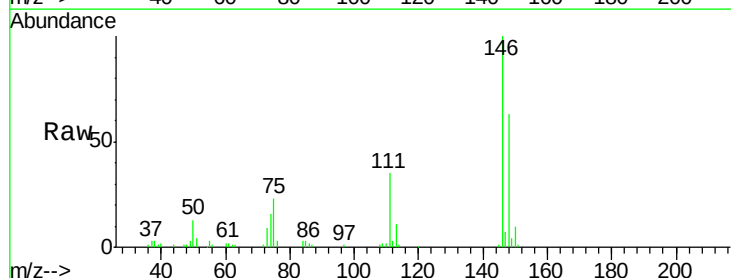
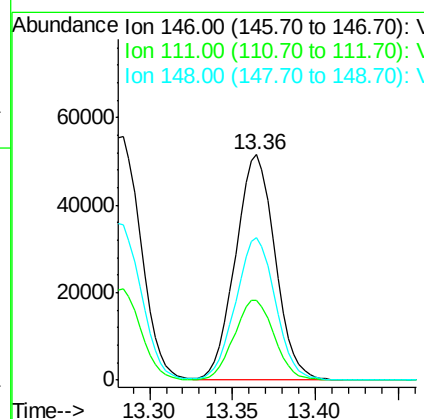
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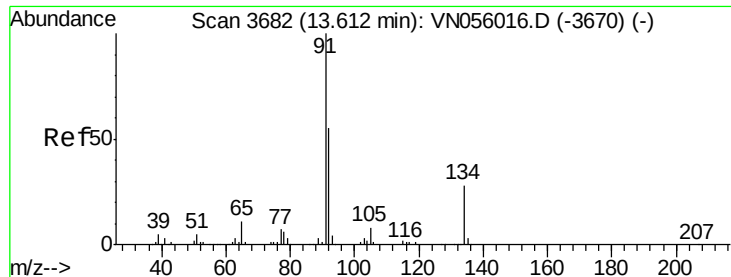
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#84
 1,4-Dichlorobenzene
 Concen: 18.396 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN056243.D
 Acq: 12 Jun 2019 12:25

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.8	17.6	52.9
148	63.1	32.1	96.3





#85

n-Butylbenzene

Concen: 16.835 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN056243.D

Acq: 12 Jun 2019 12:25

Instrument :

MSVOA_N

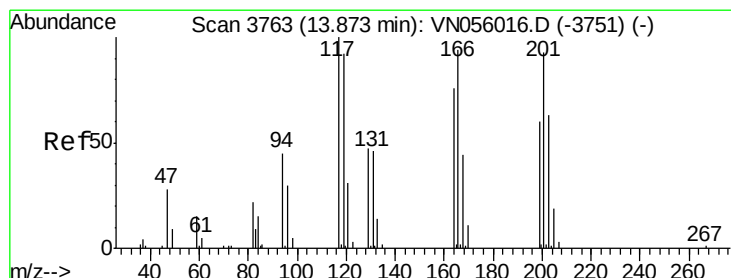
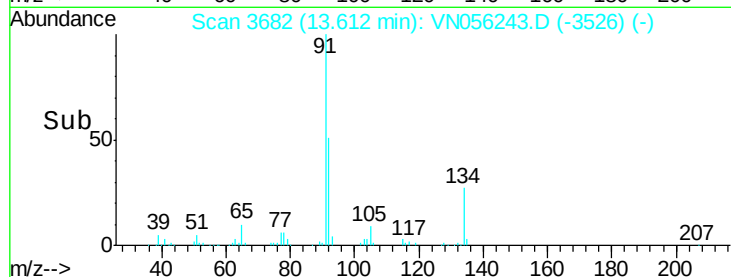
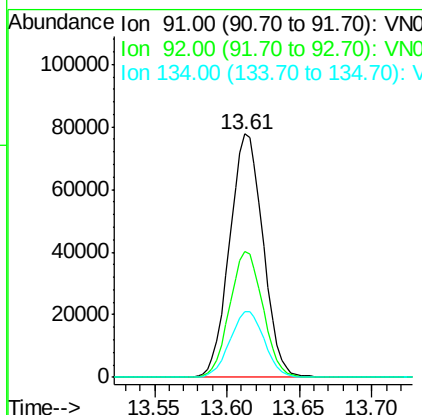
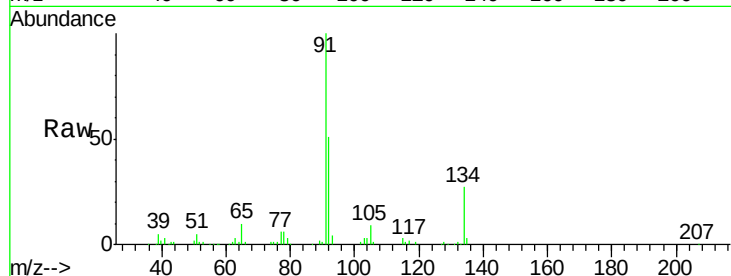
ClientSampleId :

VSTDCCC020EC

Tot Ion:	91	Resp:	124479
Ion	Ratio	Lower	Upper
91	100		
92	51.2	0.0	107.2
134	27.5	0.0	55.8

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#86

Hexachloroethane

Concen: 20.809 ug/l

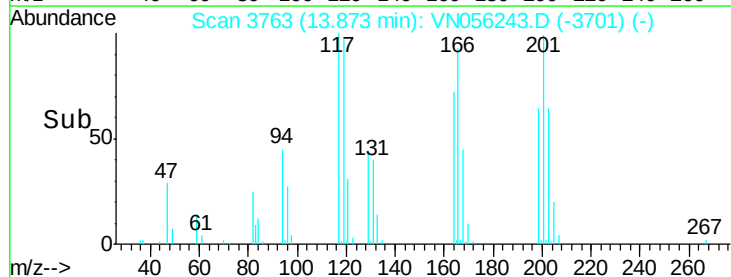
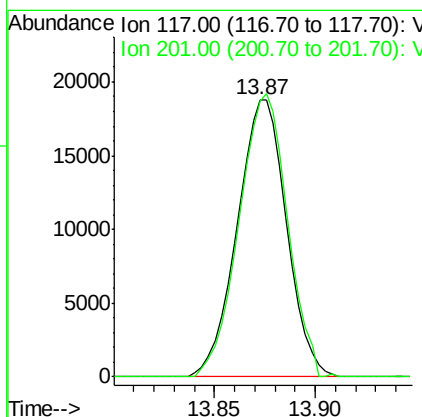
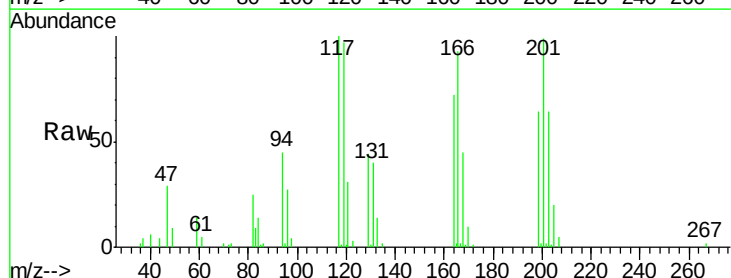
RT: 13.87 min Scan# 3763

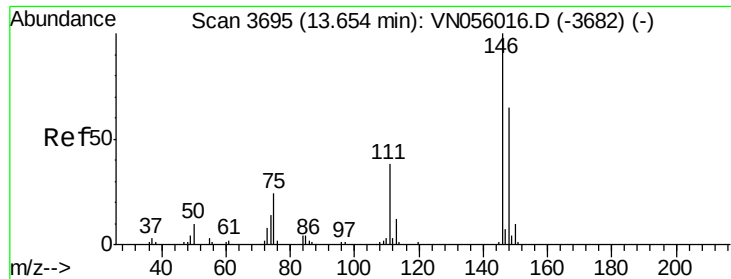
Delta R.T. 0.00 min

Lab File: VN056243.D

Acq: 12 Jun 2019 12:25

Tgt Ion:	117	Resp:	32139
Ion	Ratio	Lower	Upper
117	100		
201	100.1	48.1	144.4





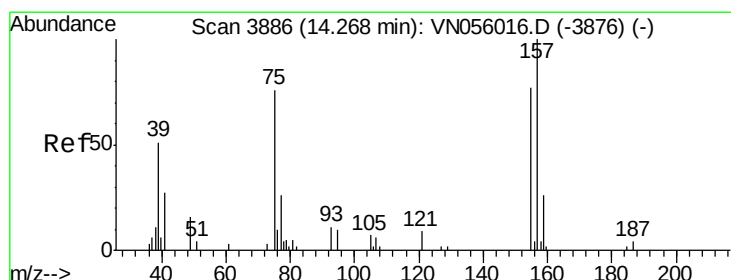
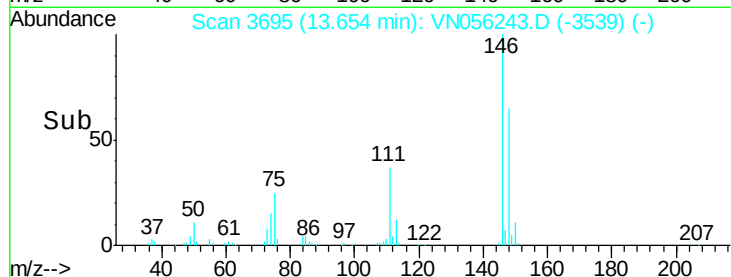
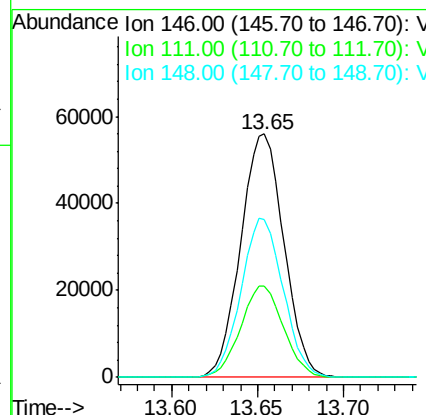
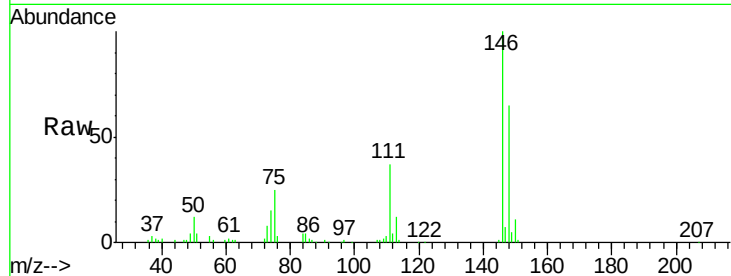
#87
 1,2-Dichlorobenzene
 Concen: 19.540 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN056243.D
 Acq: 12 Jun 2019 12:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	19.3	57.9
148	63.6	32.6	97.8

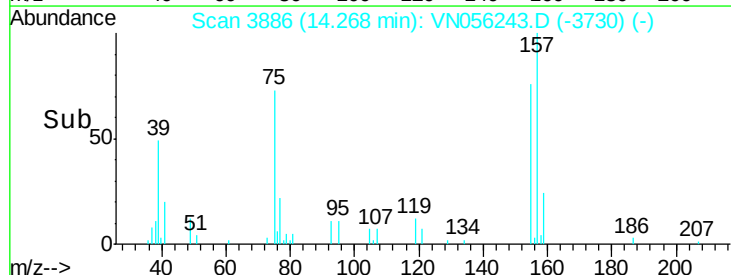
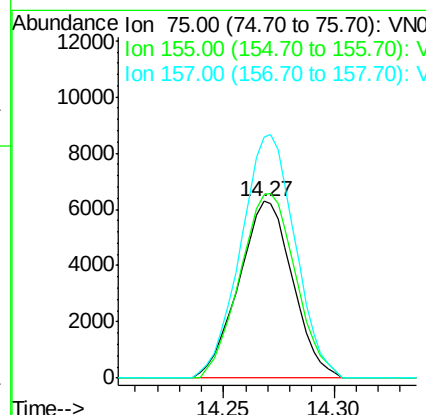
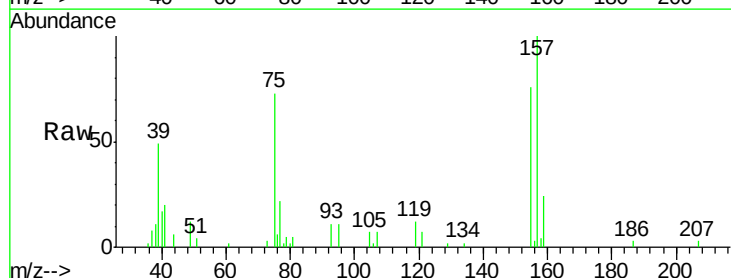
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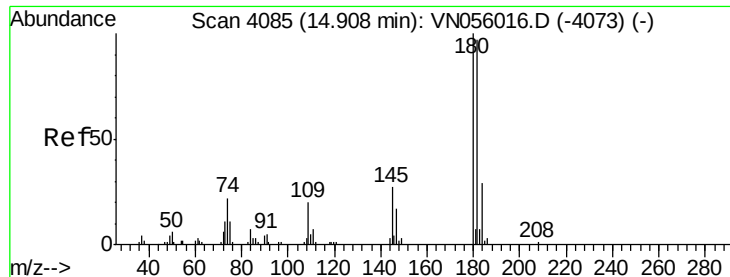
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.942 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN056243.D
 Acq: 12 Jun 2019 12:25

Tgt Ion	Ratio	Lower	Upper
75	100		
155	107.7	82.5	123.7
157	138.5	105.1	157.7





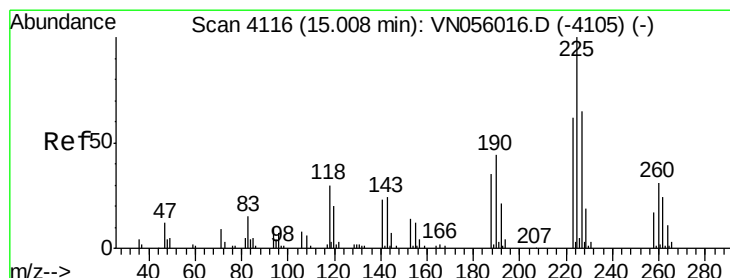
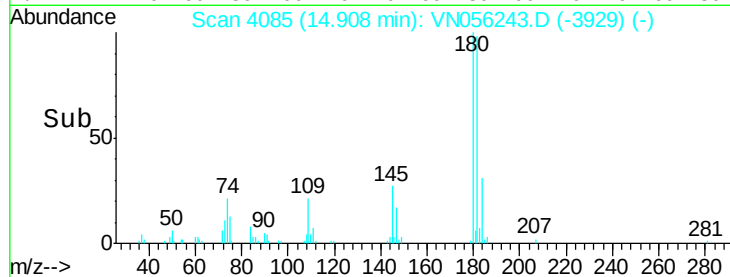
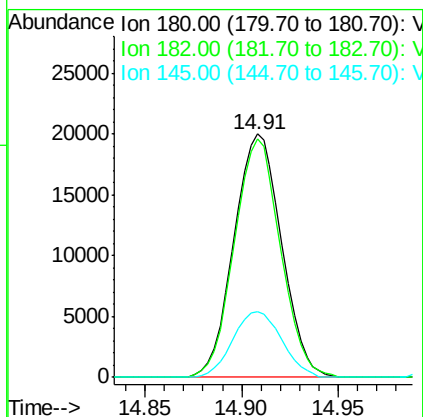
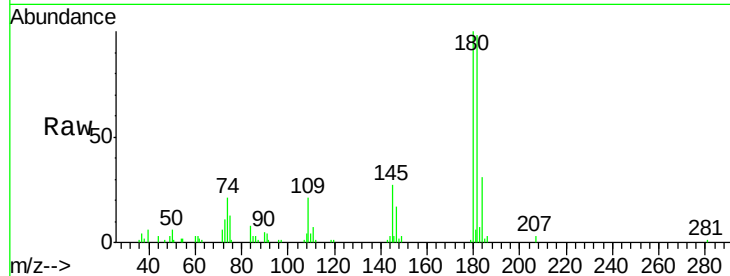
#89
 1,2,4-Trichlorobenzene
 Concen: 18.322 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056243.D
 Acq: 12 Jun 2019 12:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.0	112.6
145	27.9	22.1	33.1

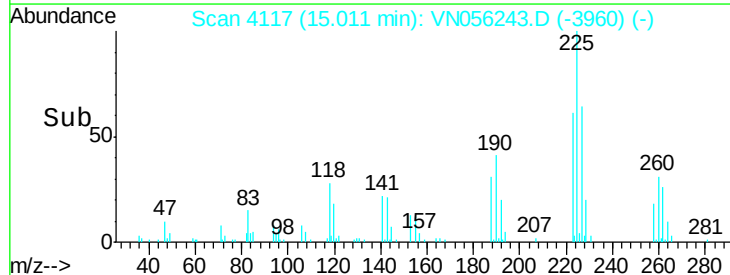
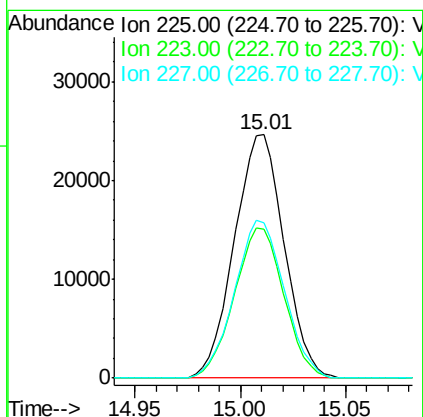
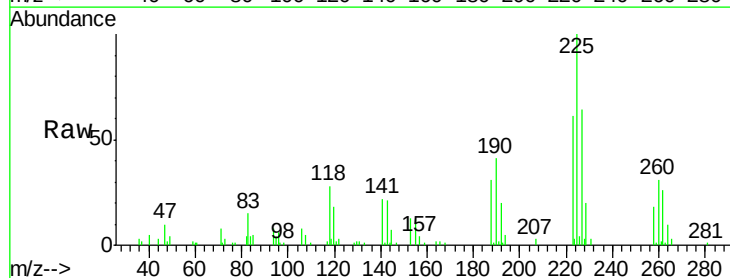
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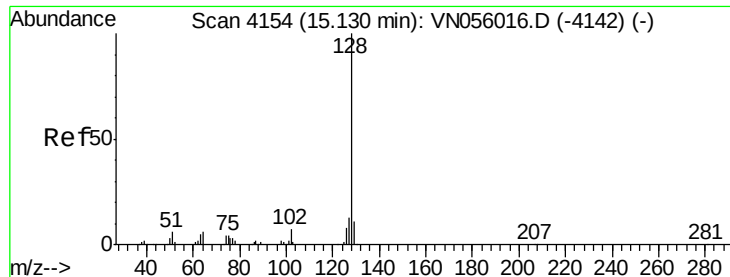
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#90
 Hexachlorobutadiene
 Concen: 22.159 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN056243.D
 Acq: 12 Jun 2019 12:25

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.3	0.0	125.6
227	64.8	0.0	128.6





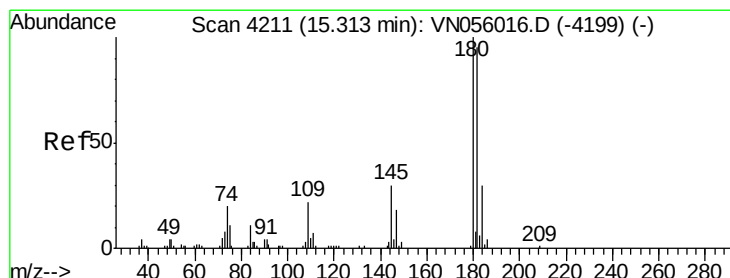
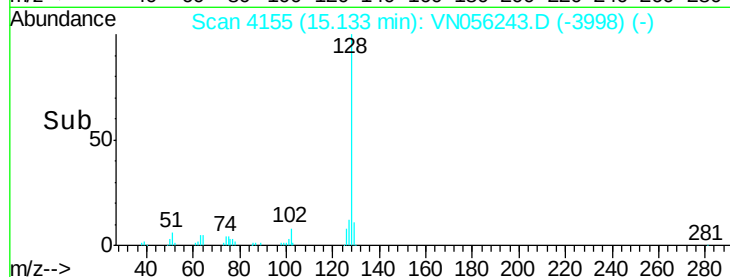
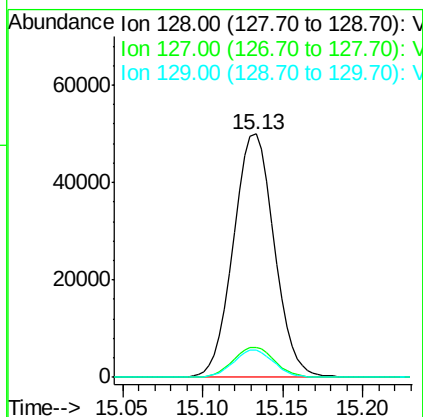
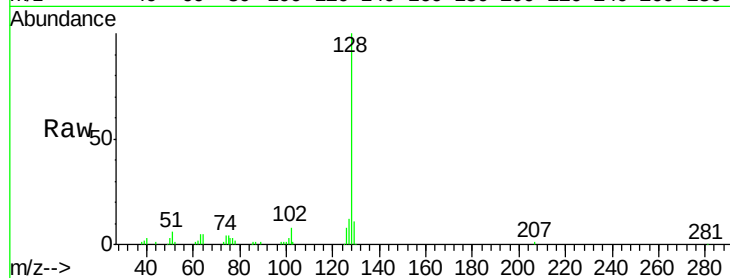
#91
Naphthalene
Concen: 13.122 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN056243.D
Acq: 12 Jun 2019 12:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.4	15.6
129	10.8	8.7	13.1

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#92
1,2,3-Trichlorobenzene
Concen: 16.062 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN056243.D
Acq: 12 Jun 2019 12:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	0.0	193.4
145	29.2	0.0	59.8

