

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052720\
 Data File : VV016250.D
 Acq On : 28 May 2020 00:35
 Operator : SY/MD
 Sample : L2766-07
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 28 06:35:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 28 06:30:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	101328	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	96718	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	49321	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	24659	3.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.80%
7) Chloroethane-d5	1.58	69	22706	3.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.40%
11) 1,1-Dichloroethene-d2	2.12	63	36242	2.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.40%#
20) 2-Butanone-d5	3.98	46	65067	40.31	ug/L	0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.62%
24) Chloroform-d	4.38	84	54343	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.80%
26) 1,2-Dichloroethane-d4	5.06	65	30480	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
32) Benzene-d6	5.07	84	108505	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	6.10	67	33303	4.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.80%
41) Toluene-d8	7.34	98	100571	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
45) trans-1,3-Dichloropropene-	7.65	79	11650	4.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.40%
48) 2-Hexanone-d5	8.12	63	57184	45.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.26%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	25046	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	37983	4.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.20%

Target Compounds

					Ovalue
5) Vinyl chloride	1.32	62	44249	4.986	ug/L 97
8) Chloroethane	1.59	64	490975	99.026	ug/L 99
12) 1,1-Dichloroethene	2.13	96	828	0.139	ug/L # 1
13) Acetone	2.26	43	25348	25.368	ug/L 100
14) Carbon disulfide	2.31	76	4954	0.267	ug/L # 94
15) Methyl Acetate	2.54	43	9177	3.594	ug/L # 54
16) Methylene chloride	2.52	84	823	0.120	ug/L 98
17) Methyl tert-butyl Ether	2.80	73	1687	0.115	ug/L # 1
18) trans-1,2-Dichloroethene	2.78	96	1736	0.265	ug/L 95
19) 1,1-Dichloroethane	3.21	63	118611	9.547	ug/L 99
22) cis-1,2-Dichloroethene	3.94	96	372178	48.114	ug/L 95
27) 1,2-Dichloroethane	5.12	62	28890	3.361	ug/L # 79
29) 1,1,1-Trichloroethane	4.63	97	4991	0.435	ug/L 97
30) Cyclohexane	4.69	56	22888	1.860	ug/L 96
33) Benzene	5.12	78	2466334	88.615	ug/L 100
34) Trichloroethene	5.94	95	11397	1.572	ug/L 92
35) Methylcyclohexane	6.15	83	40482	3.310	ug/L 93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

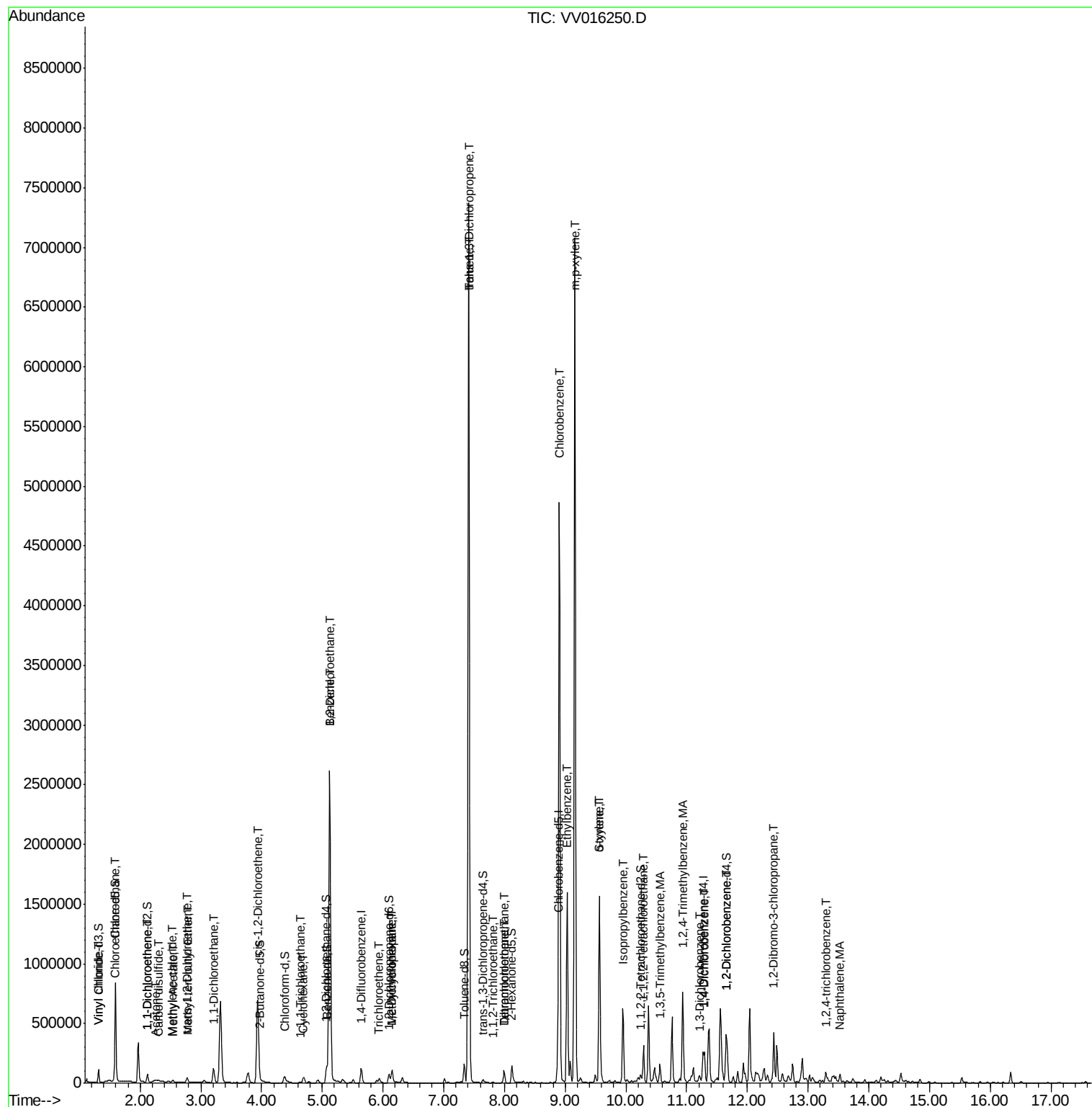
37) 1,2-Dichloropropane	6.15	63	420	0.062	ug/L #	1
42) Toluene	7.41	91	5015949	165.257	ug/L	98
43) 1,3,5-Trimethylbenzene	10.56	105	74545	2.698	ug/L	98
44) 1,2,4-Trimethylbenzene	10.94	105	384834	13.522	ug/L	98
46) trans-1,3-Dichloropropene	7.41	75	37610	4.682	ug/L #	1
47) 1,1,2-Trichloroethane	7.81	97	2685	0.598	ug/L #	23
49) Tetrachloroethene	8.00	164	20625	3.962	ug/L	95
51) Dibromochloromethane	7.99	129	20180	4.244	ug/L #	10
53) Chlorobenzene	8.90	112	2308210	123.070	ug/L	99
54) Ethylbenzene	9.03	91	1060986	31.360	ug/L	100
55) m,p-xylene	9.16	106	1850129	145.835	ug/L	98
56) o-xylene	9.56	106	378374	31.297	ug/L	98
57) Styrene	9.56	104	20692	1.028	ug/L #	1
58) Isopropylbenzene	9.95	105	364649	11.011	ug/L	99
60) 1,1,2,2-Tetrachloroethane	10.29	83	4106	0.736	ug/L #	33
63) 1,3-Dichlorobenzene	11.21	146	10292	0.684	ug/L	97
64) 1,4-Dichlorobenzene	11.30	146	87065	5.692	ug/L	98
66) 1,2-Dichlorobenzene	11.67	146	57587	4.233	ug/L	99
67) 1,2-Dibromo-3-chloropropan	12.43	75	2049	2.230	ug/L #	9
69) 1,2,4-trichlorobenzene	13.29	180	1036	0.111	ug/L #	55
70) Naphthalene	13.52	128	51009	2.496	ug/L	99

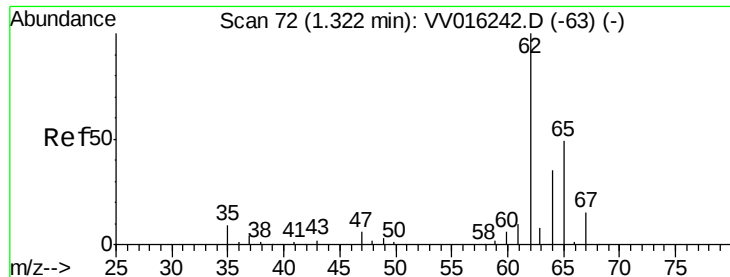
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 4.986 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.01 min

Lab File: VV016250.D

Acq: 28 May 2020 00:35

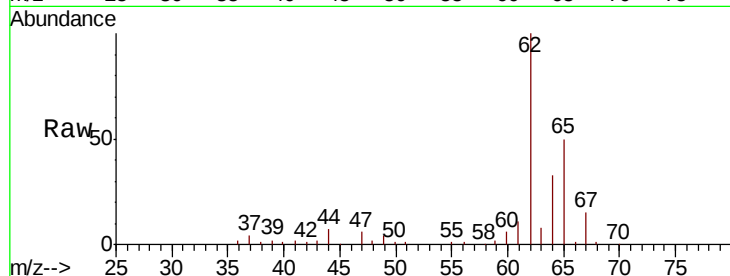
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 62 Resp: 44249

Ion Ratio Lower Upper

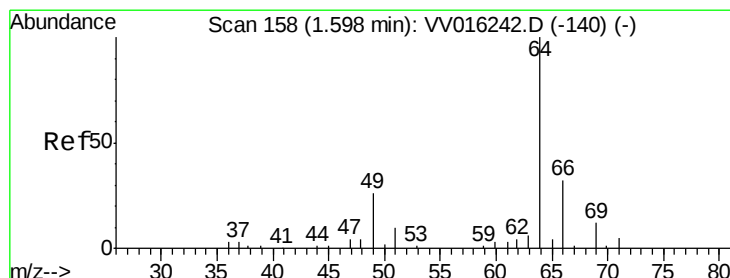
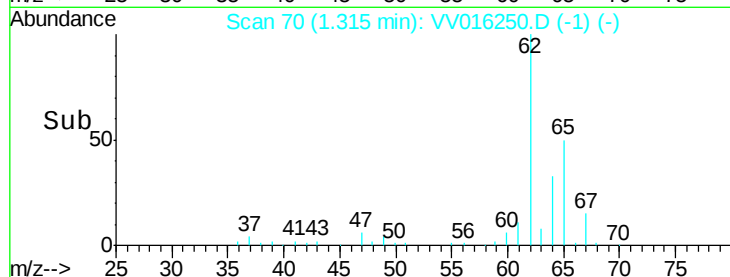
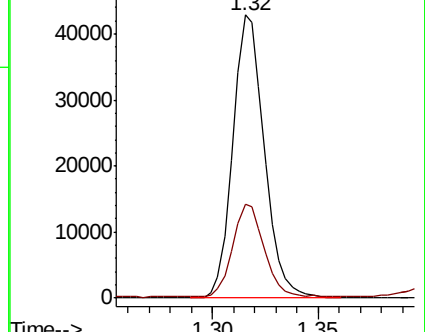
62 100

64 33.0 22.1 41.1



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#8

Chloroethane

Concen: 99.026 ug/L

RT: 1.59 min Scan# 156

Delta R.T. -0.01 min

Lab File: VV016250.D

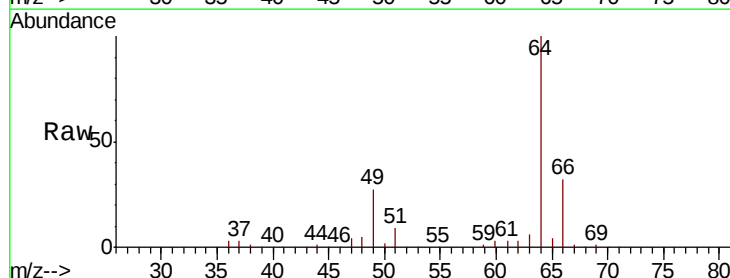
Acq: 28 May 2020 00:35

Tgt Ion: 64 Resp: 490975

Ion Ratio Lower Upper

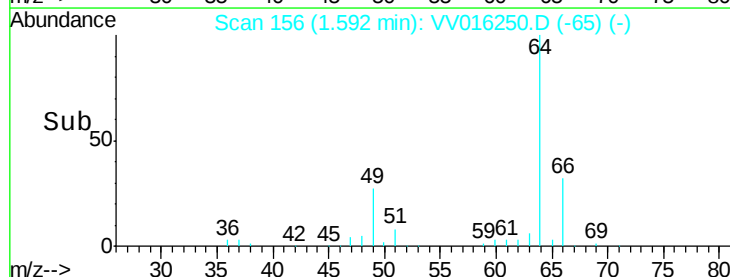
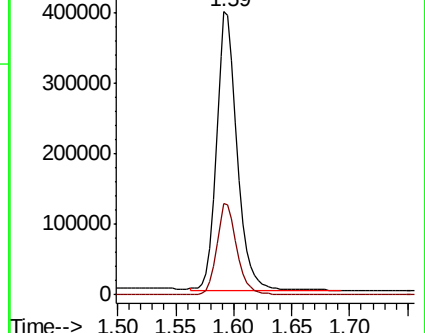
64 100

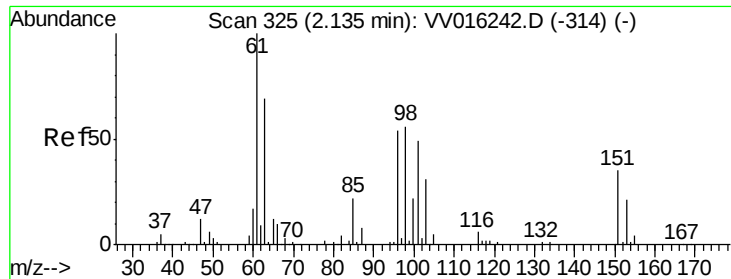
66 32.1 22.9 42.5



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0





#12

1,1-Dichloroethene

Concen: 0.139 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV016250.D

Acq: 28 May 2020 00:35

Instrument :

MSVOA_V

ClientSampled :

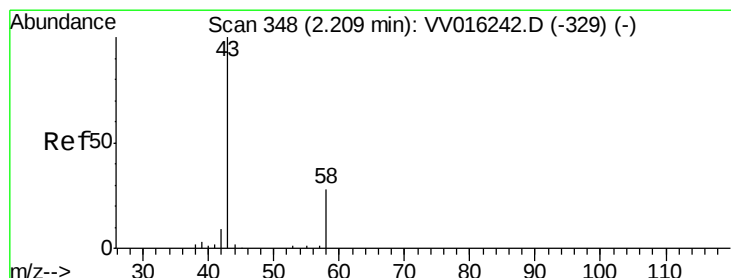
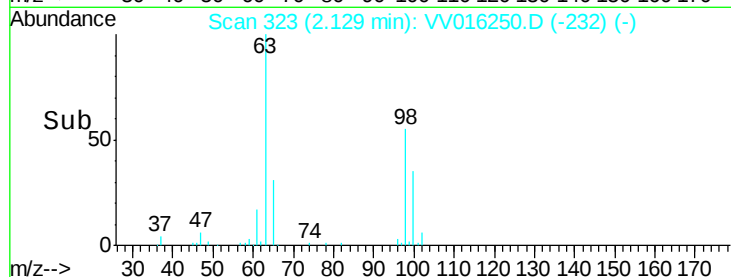
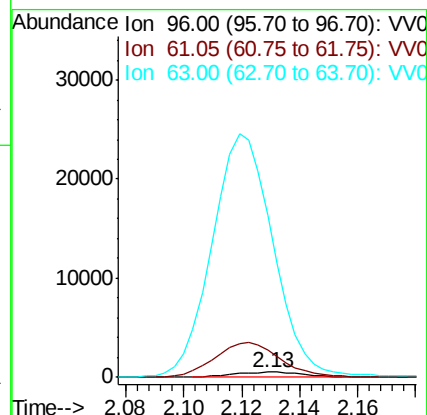
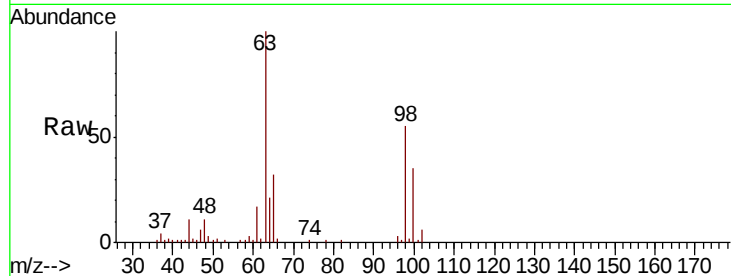
Tot Ion: 96 Resp: 828

Ion Ratio Lower Upper

96 100

61 534.3 124.9 231.9#

63 3144.7 80.4 149.2#



#13

Acetone

Concen: 25.368 ug/L

RT: 2.26 min Scan# 363

Delta R.T. 0.05 min

Lab File: VV016250.D

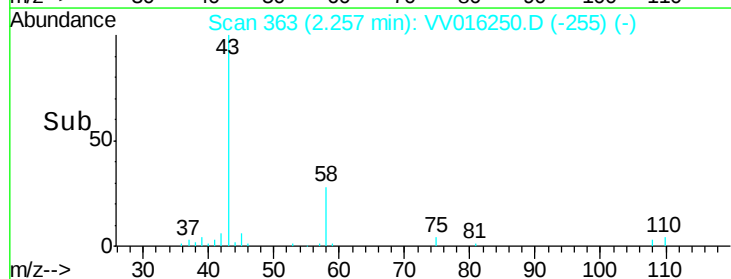
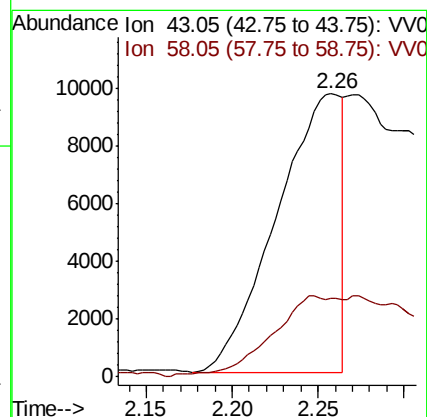
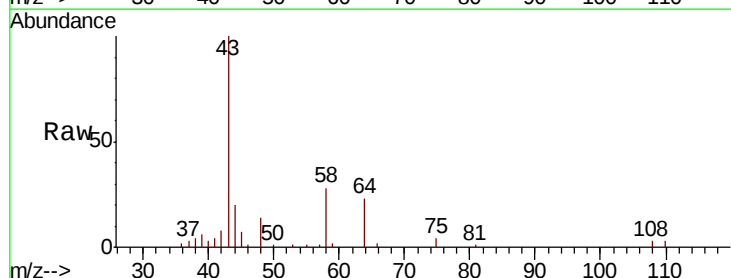
Acq: 28 May 2020 00:35

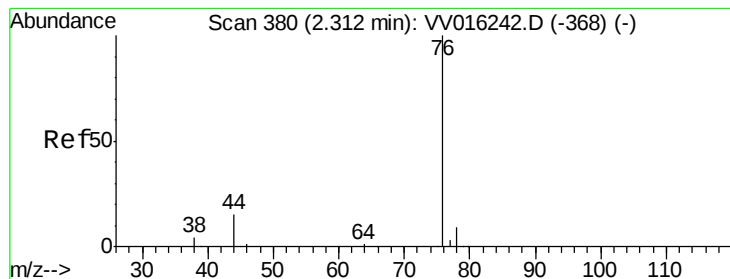
Tgt Ion: 43 Resp: 25348

Ion Ratio Lower Upper

43 100

58 24.4 0.0 48.8





#14

Carbon disulfide

Concen: 0.267 ug/L

RT: 2.31 min Scan# 378

Delta R.T. -0.01 min

Lab File: VV016250.D

Acq: 28 May 2020 00:35

Instrument :

MSVOA_V

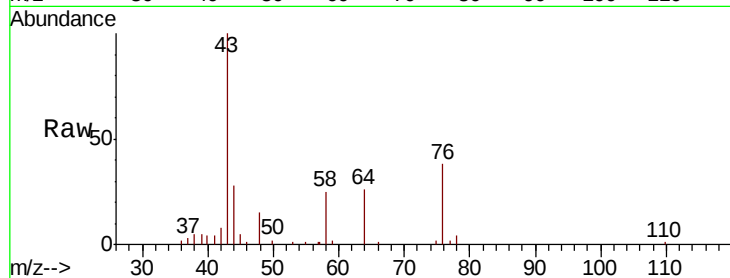
ClientSampleId :

Tot Ion: 76 Resp: 4954

Ion Ratio Lower Upper

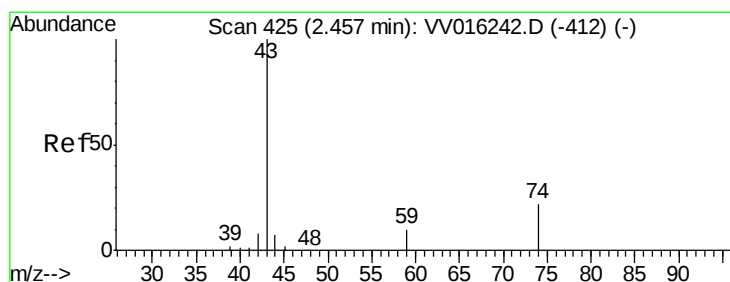
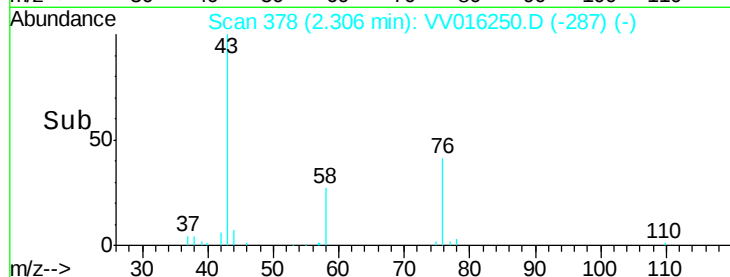
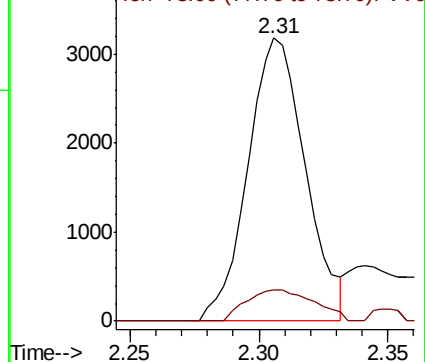
76 100

78 11.2 7.4 11.0#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0



#15

Methyl Acetate

Concen: 3.594 ug/L

RT: 2.54 min Scan# 451

Delta R.T. 0.08 min

Lab File: VV016250.D

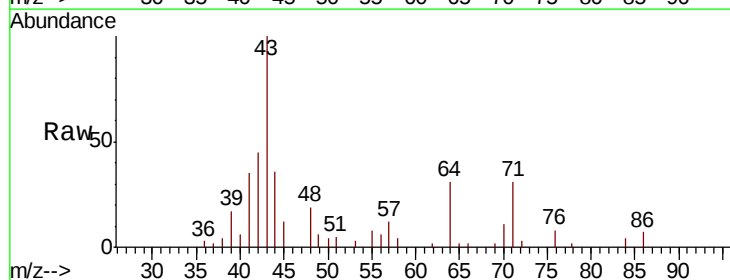
Acq: 28 May 2020 00:35

Tgt Ion: 43 Resp: 9177

Ion Ratio Lower Upper

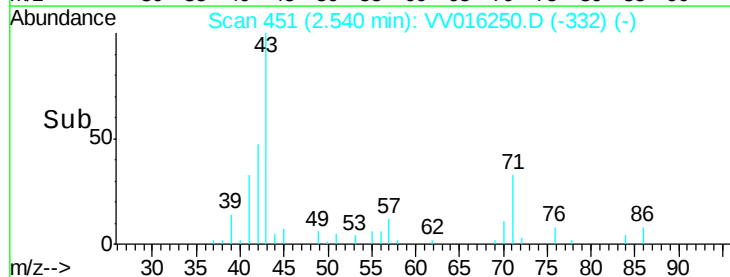
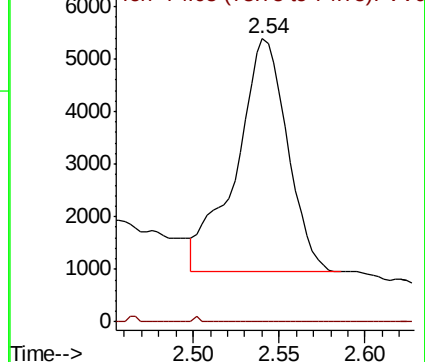
43 100

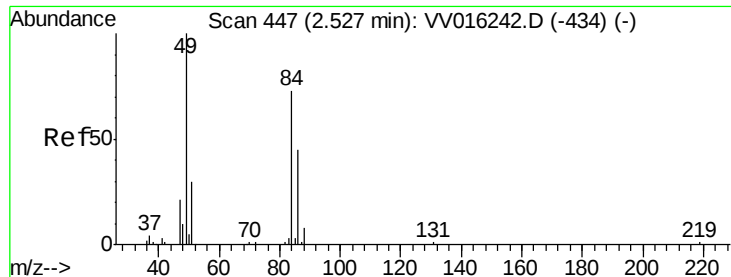
74 0.2 18.1 27.1#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0

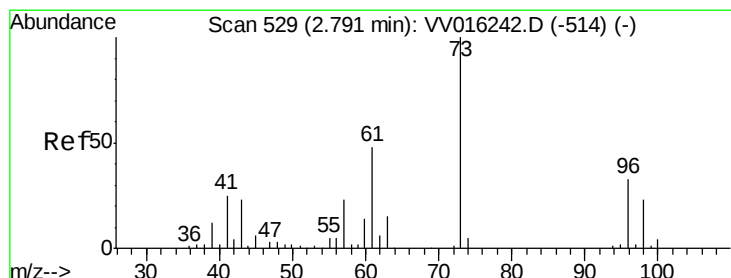
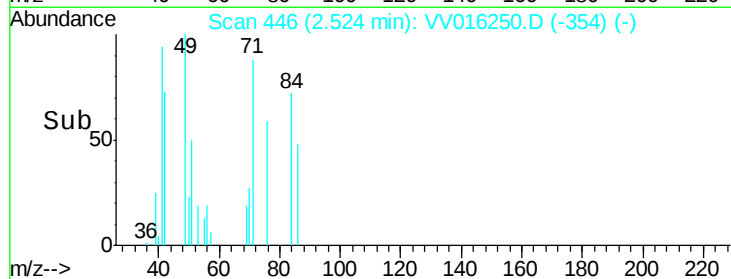
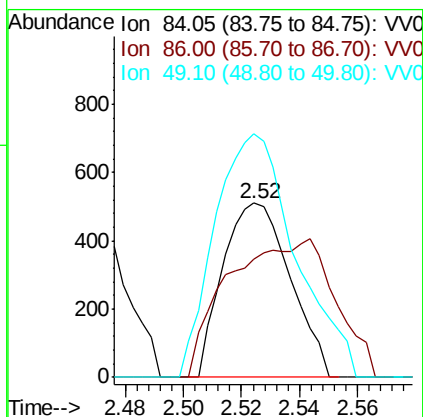
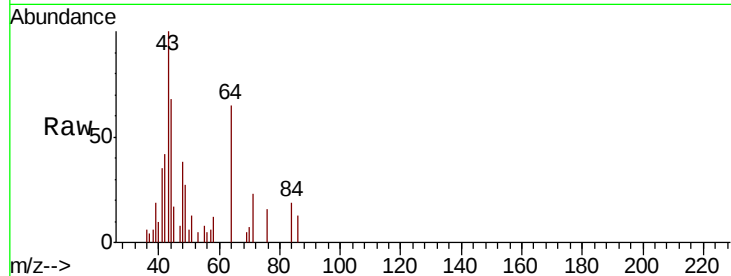




#16
Methylene chloride
Concen: 0.120 ug/L
RT: 2.52 min Scan# 446
Delta R.T. -0.00 min
Lab File: VV016250.D
Acq: 28 May 2020 00:35

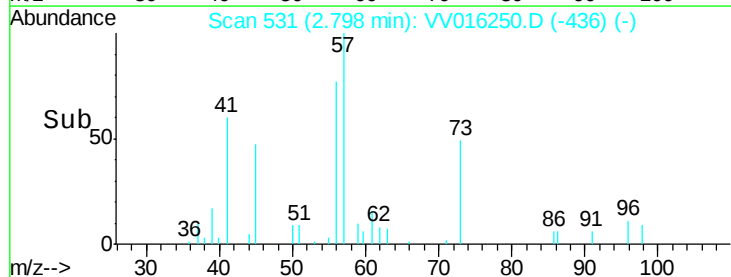
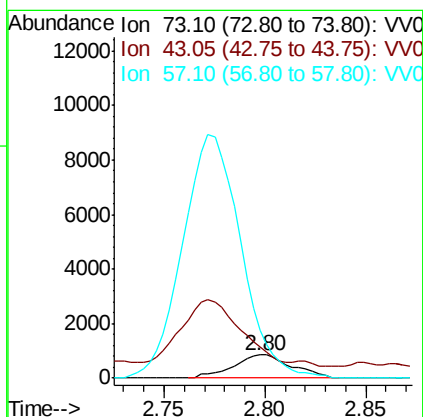
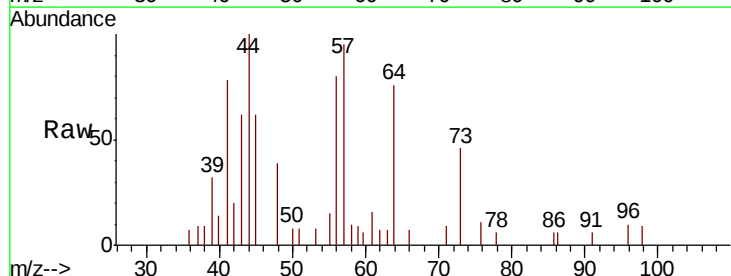
Instrument :
MSVOA_V
ClientSampled :

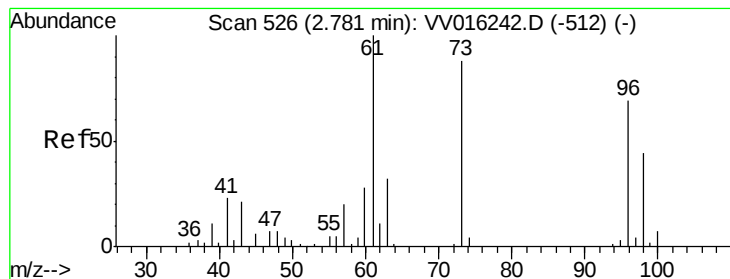
Tot Ion: 84 Resp: 823
Ion Ratio Lower Upper
84 100
86 67.6 44.9 83.5
49 139.8 96.7 179.7



#17
Methyl tert-butyl Ether
Concen: 0.115 ug/L
RT: 2.80 min Scan# 531
Delta R.T. 0.01 min
Lab File: VV016250.D
Acq: 28 May 2020 00:35

Tgt Ion: 73 Resp: 1687
Ion Ratio Lower Upper
73 100
43 269.7 17.8 26.8#
57 1063.0 18.9 28.3#





#18

trans-1,2-Dichloroethene

Concen: 0.265 ug/L

RT: 2.78 min Scan# 524

Delta R.T. -0.01 min

Lab File: VV016250.D

Acq: 28 May 2020 00:35

Instrument :

MSVOA_V

ClientSampleId :

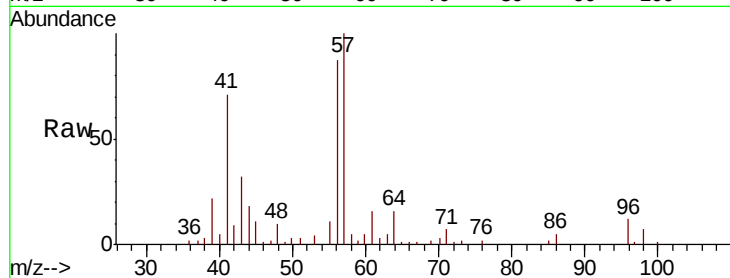
Tot Ion: 96 Resp: 1736

Ion Ratio Lower Upper

96 100

61 135.2 99.8 185.4

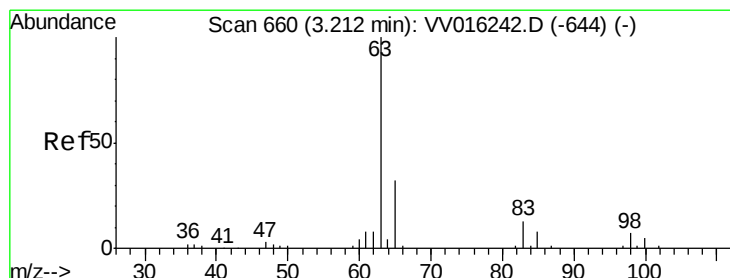
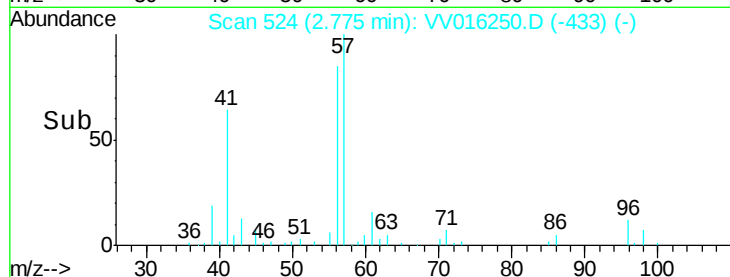
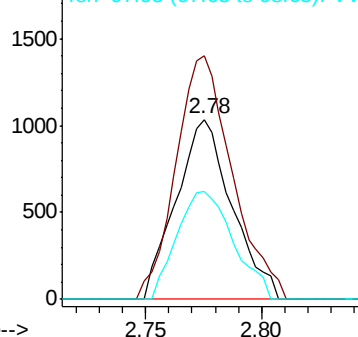
98 60.2 44.0 81.6



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 97.95 (97.65 to 98.65): VV0



#19

1,1-Dichloroethane

Concen: 9.547 ug/L

RT: 3.21 min Scan# 659

Delta R.T. -0.00 min

Lab File: VV016250.D

Acq: 28 May 2020 00:35

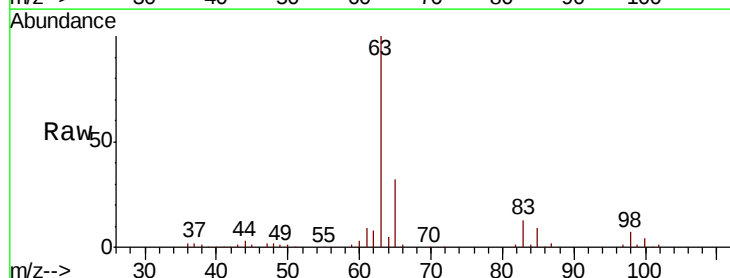
Tgt Ion: 63 Resp: 118611

Ion Ratio Lower Upper

63 100

65 31.6 22.3 41.5

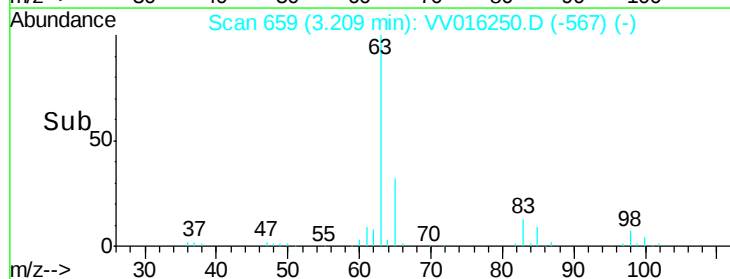
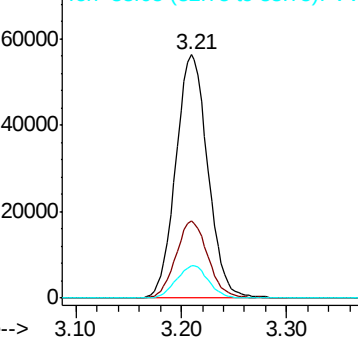
83 13.1 9.4 17.4

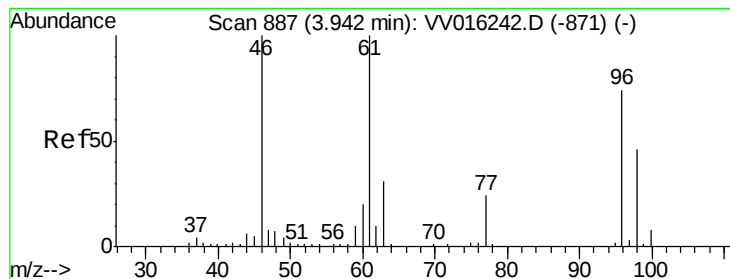


Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 65.10 (64.80 to 65.80): VV0

Ion 83.05 (82.75 to 83.75): VV0



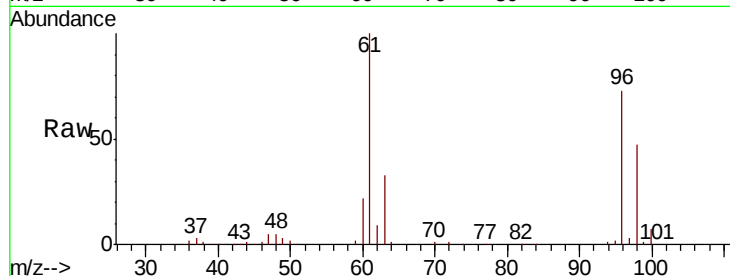


#22

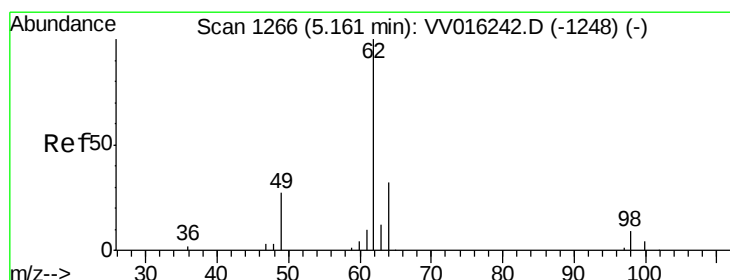
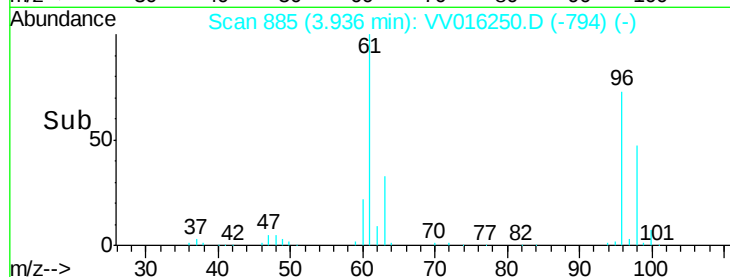
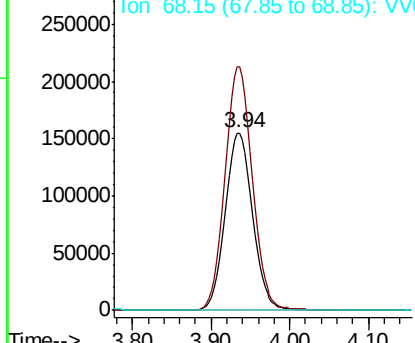
cis-1,2-Dichloroethene
Concen: 48.114 ug/L
RT: 3.94 min Scan# 885
Delta R.T. -0.01 min
Lab File: VV016250.D
Acq: 28 May 2020 00:35

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 96 Resp: 372178
Ion Ratio Lower Upper
96 100
61 136.8 99.7 185.1
68 0.0 0.0 0.0



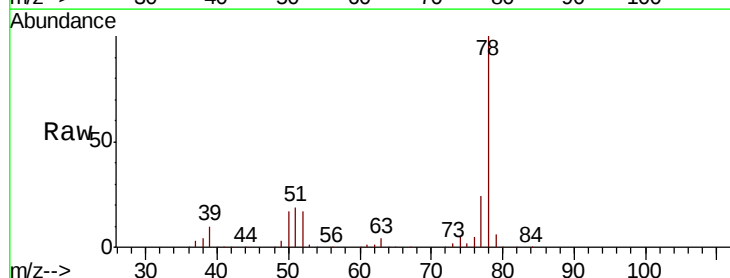
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



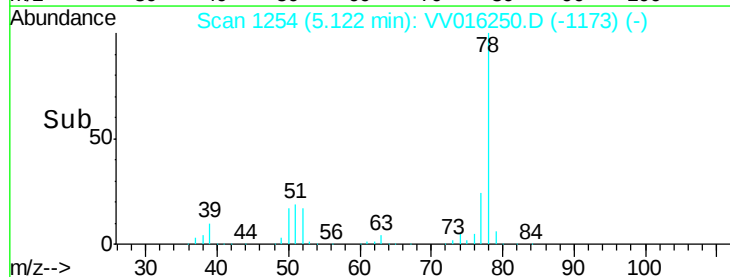
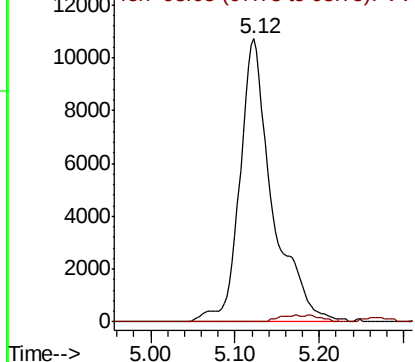
#27

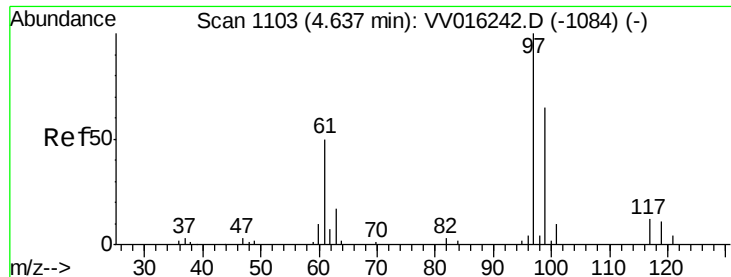
1,2-Dichloroethane
Concen: 3.361 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. -0.04 min
Lab File: VV016250.D
Acq: 28 May 2020 00:35

Tgt Ion: 62 Resp: 28890
Ion Ratio Lower Upper
62 100
98 0.0 5.7 8.5#



Abundance Ion 62.00 (61.70 to 62.70): VV0
Ion 98.05 (97.75 to 98.75): VV0

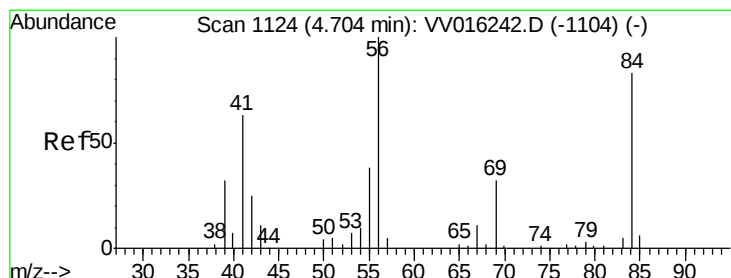
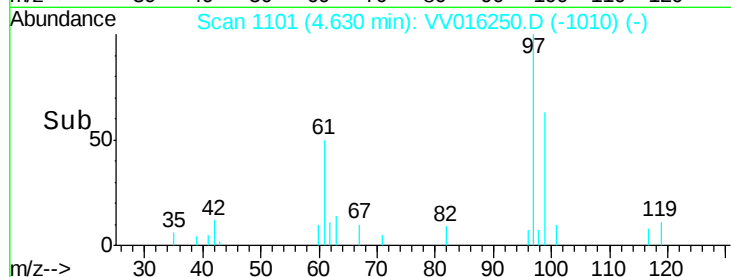
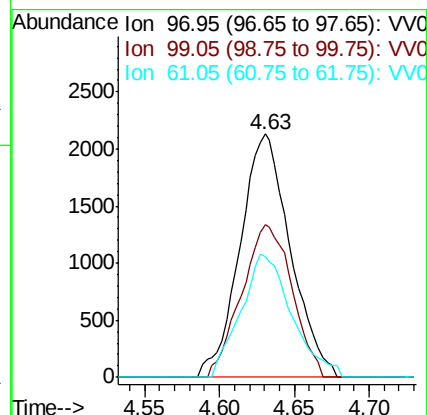
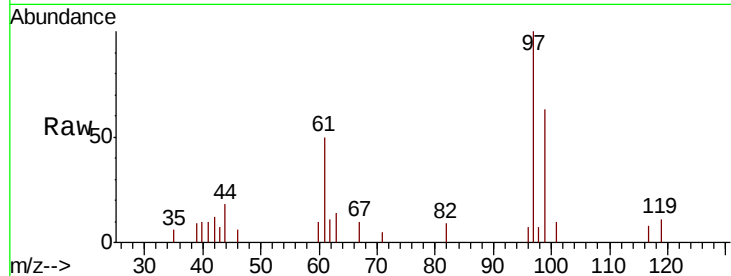




#29
 1,1,1-Trichloroethane
 Concen: 0.435 ug/L
 RT: 4.63 min Scan# 1101
 Delta R.T. -0.01 min
 Lab File: VV016250.D
 Acq: 28 May 2020 00:35

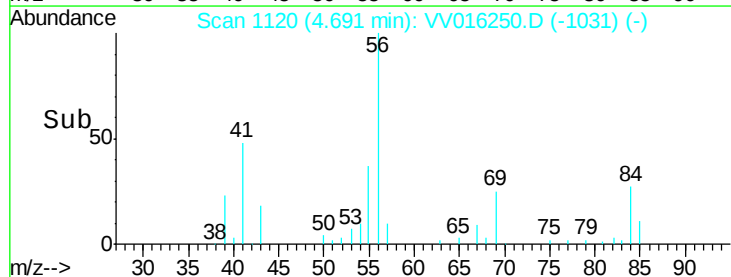
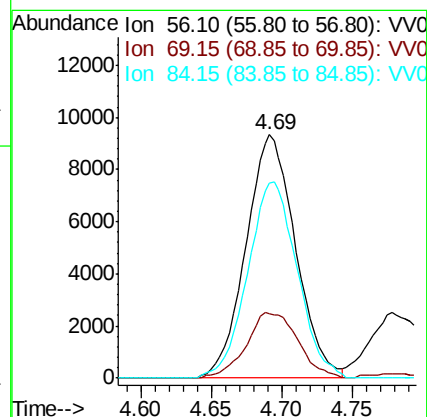
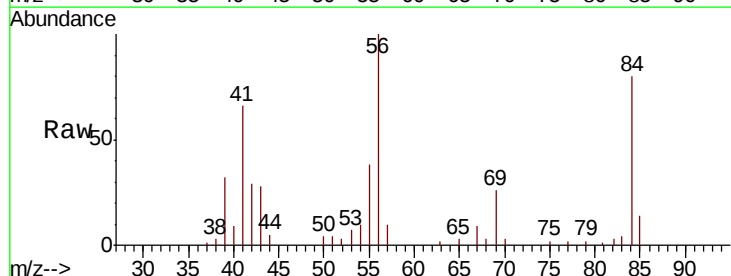
Instrument :
 MSVOA_V
 ClientSampled :

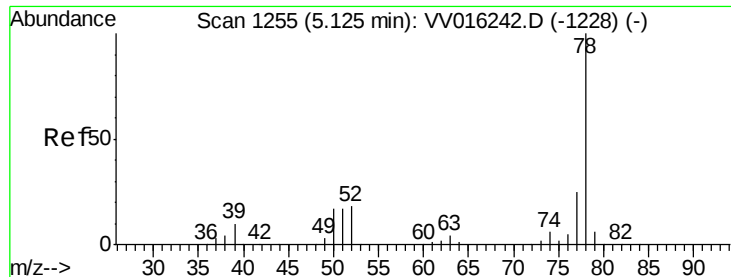
Tot Ion: 97 Resp: 4991
 Ion Ratio Lower Upper
 97 100
 99 62.8 51.2 76.8
 61 51.2 38.6 57.8



#30
 Cyclohexane
 Concen: 1.860 ug/L
 RT: 4.69 min Scan# 1120
 Delta R.T. -0.01 min
 Lab File: VV016250.D
 Acq: 28 May 2020 00:35

Tgt Ion: 56 Resp: 22888
 Ion Ratio Lower Upper
 56 100
 69 28.0 24.6 36.8
 84 80.5 67.1 100.7





#33

Benzene

Concen: 88.615 ug/L

RT: 5.12 min Scan# 1254

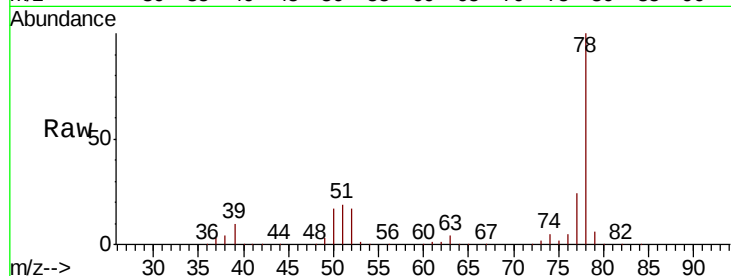
Delta R.T. -0.00 min

Lab File: VV016250.D

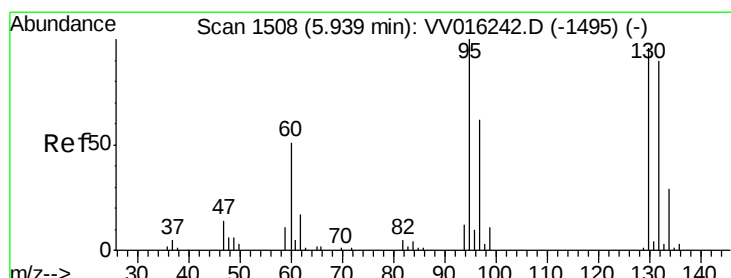
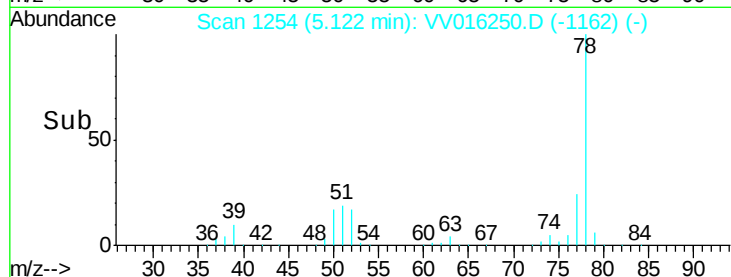
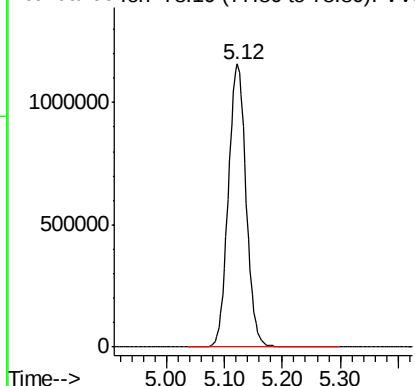
Acq: 28 May 2020 00:35

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 78 Resp: 2466334



Abundance Ion 78.10 (77.80 to 78.80): VV0



#34

Trichloroethene

Concen: 1.572 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. -0.00 min

Lab File: VV016250.D

Acq: 28 May 2020 00:35

Tgt Ion: 95 Resp: 11397

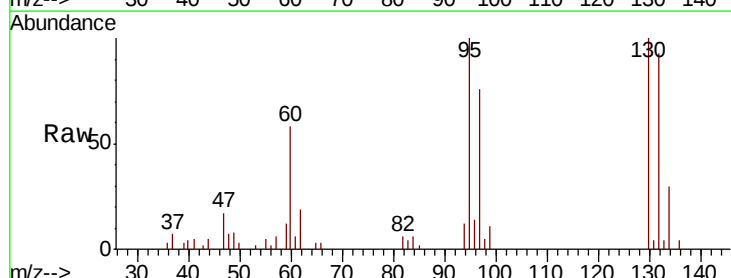
Ion	Ratio	Lower	Upper
95	100		
97	75.8	43.6	81.0
132	92.5	63.9	118.7
130	100.0	65.2	121.0

95 100

97 75.8 43.6 81.0

132 92.5 63.9 118.7

130 100.0 65.2 121.0

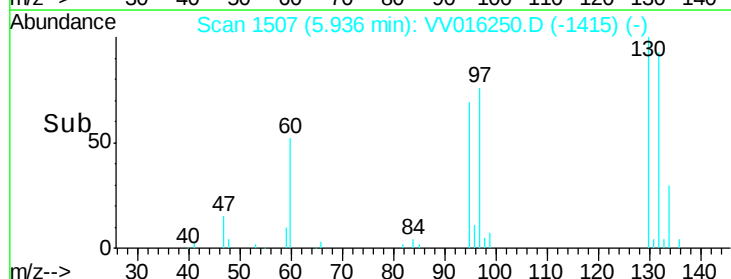
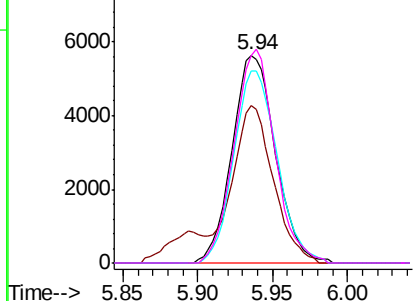


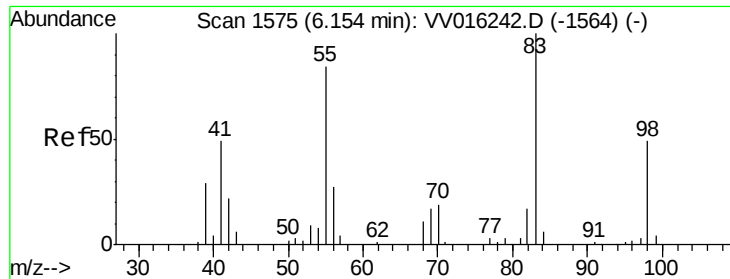
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0

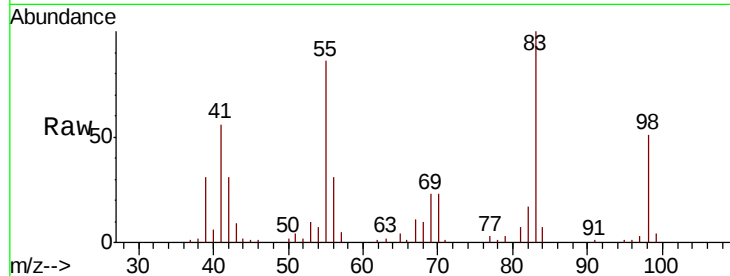




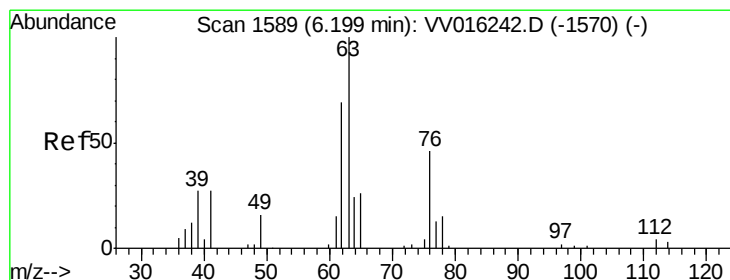
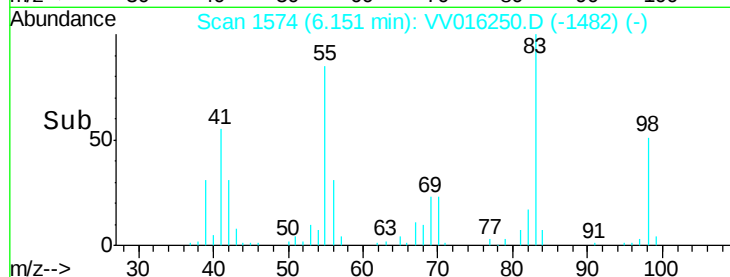
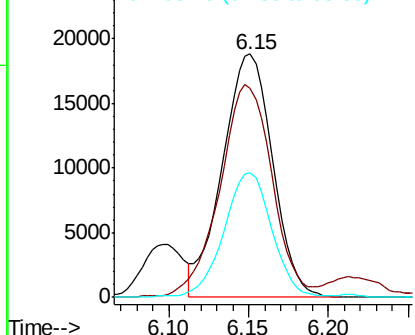
#35
Methvlcvclohexane
Concen: 3.310 ug/L
RT: 6.15 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VV016250.D
Acq: 28 May 2020 00:35

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 83 Resp: 40482
Ion Ratio Lower Upper
83 100
55 91.3 65.4 98.0
98 48.9 39.3 58.9

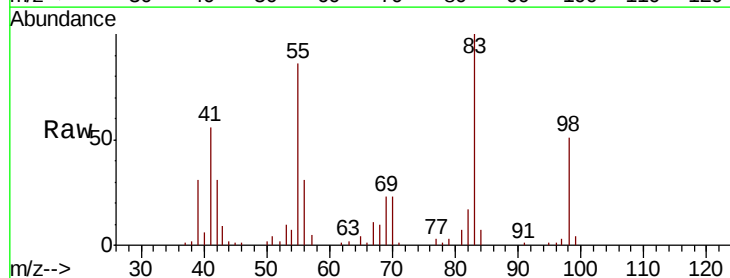


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

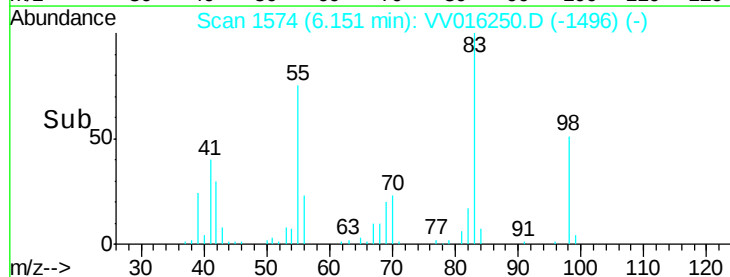
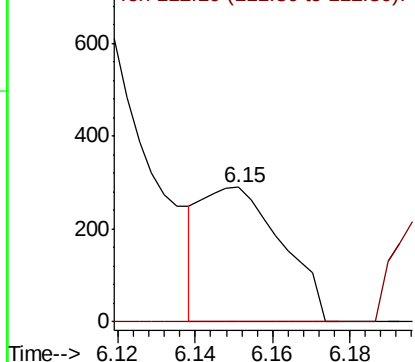


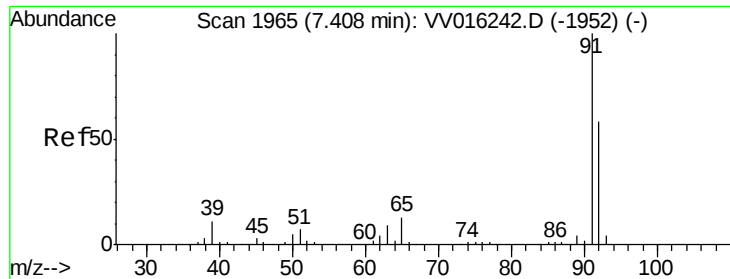
#37
1,2-Dichloropropane
Concen: 0.062 ug/L
RT: 6.15 min Scan# 1574
Delta R.T. -0.05 min
Lab File: VV016250.D
Acq: 28 May 2020 00:35

Tgt Ion: 63 Resp: 420
Ion Ratio Lower Upper
63 100
112 203.6 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V





#42

Toluene

Concen: 165.257 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV016250.D

Acq: 28 May 2020 00:35

Instrument :

MSVOA_V

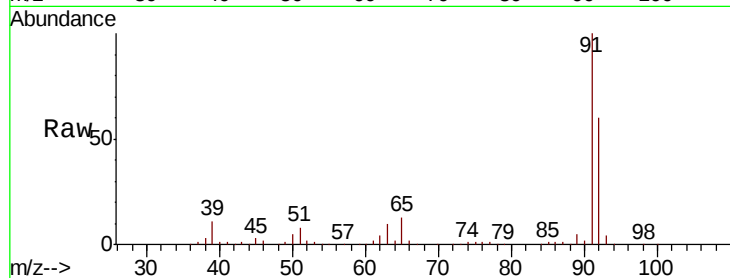
ClientSampleId :

Tot Ion: 91 Resp: 5015949

Ion Ratio Lower Upper

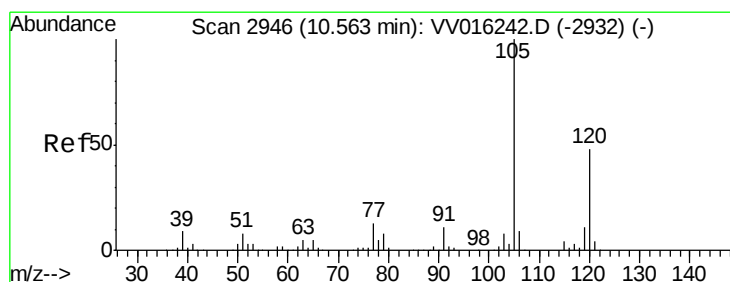
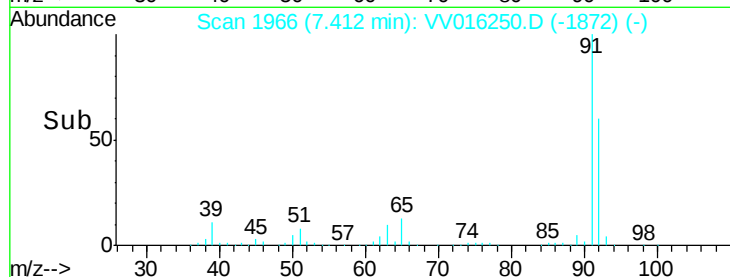
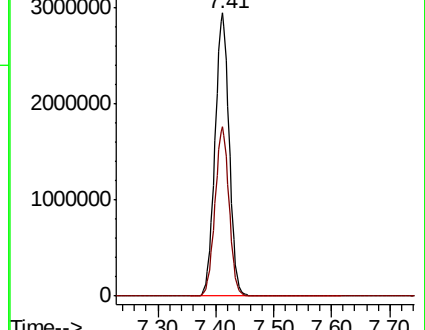
91 100

92 59.7 40.9 76.0



Abundance Ion 91.15 (90.85 to 91.85): VV016242.D (-1952) (-)

Ion 92.15 (91.85 to 92.85): VV016250.D (-1872) (-)



#43

1,3,5-Trimethylbenzene

Concen: 2.698 ug/L

RT: 10.56 min Scan# 2945

Delta R.T. -0.00 min

Lab File: VV016250.D

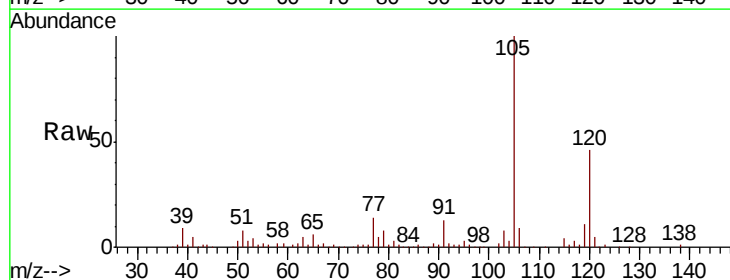
Acq: 28 May 2020 00:35

Tgt Ion:105 Resp: 74545

Ion Ratio Lower Upper

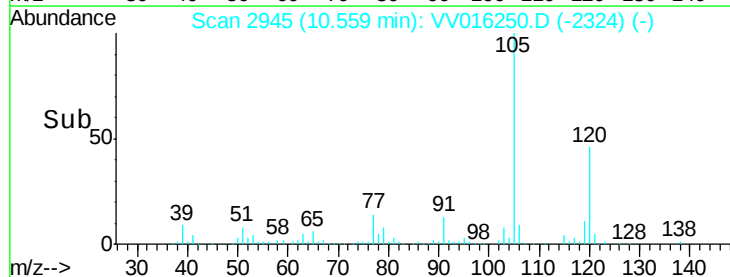
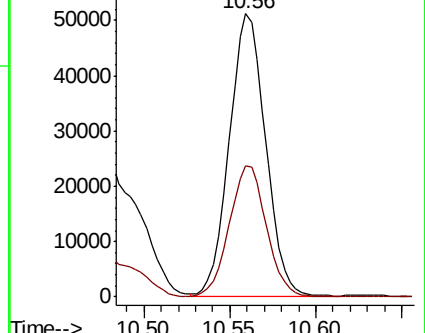
105 100

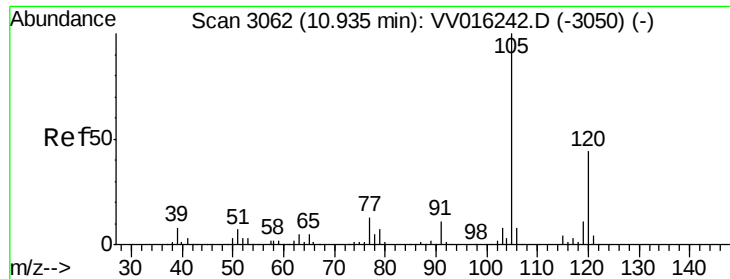
120 47.9 37.4 56.0



Abundance Ion 105.00 (104.70 to 105.70): VV016242.D (-2932) (-)

Ion 120.00 (119.70 to 120.70): VV016250.D (-2324) (-)





#44

1,2,4-Trimethylbenzene

Concen: 13.522 ug/L

RT: 10.94 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VV016250.D

Acq: 28 May 2020 00:35

Instrument :

MSVOA_V

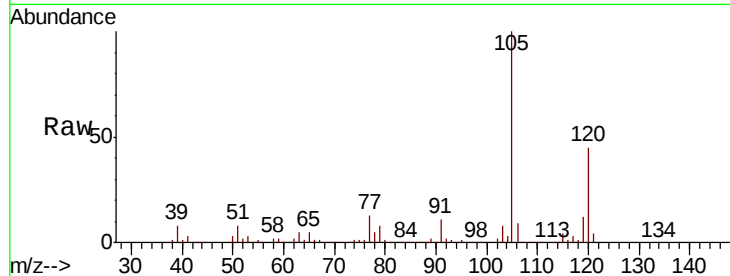
ClientSampled :

Tot Ion:105 Resp: 384834

Ion Ratio Lower Upper

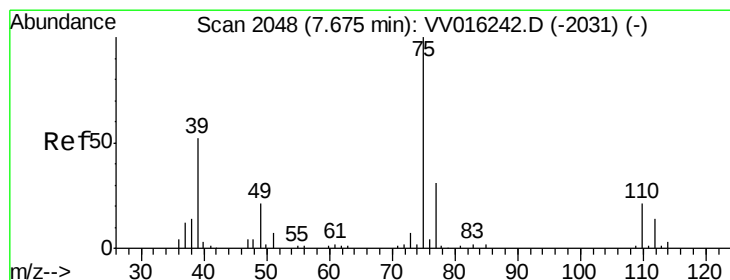
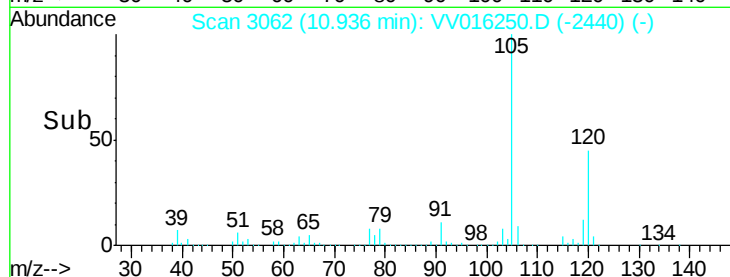
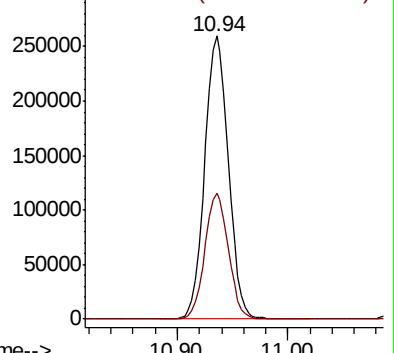
105 100

120 44.3 34.6 52.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#46

trans-1,3-Dichloropropene

Concen: 4.682 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. -0.26 min

Lab File: VV016250.D

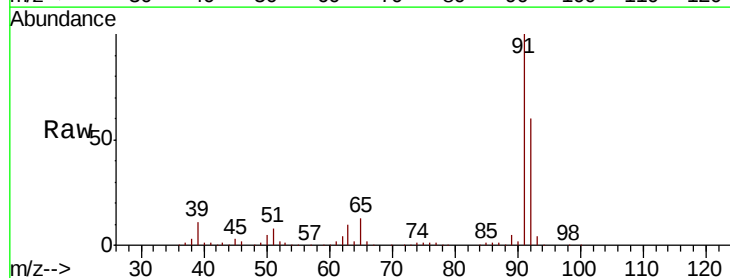
Acq: 28 May 2020 00:35

Tgt Ion: 75 Resp: 37610

Ion Ratio Lower Upper

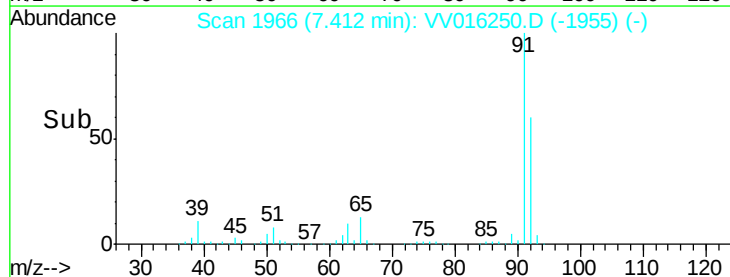
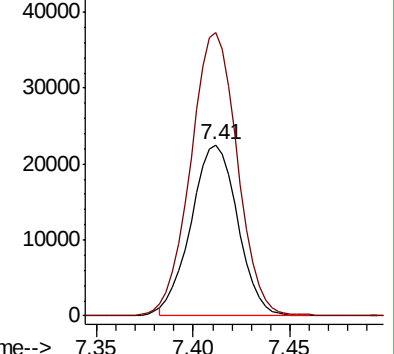
75 100

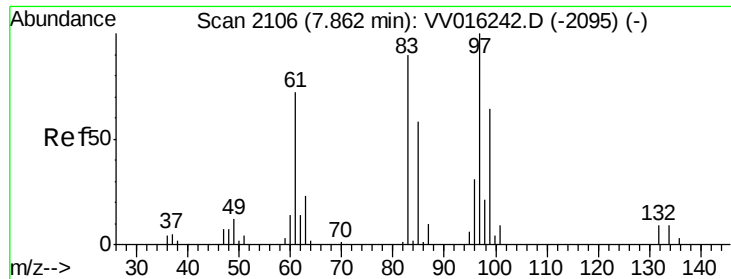
77 165.4 21.7 40.3#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

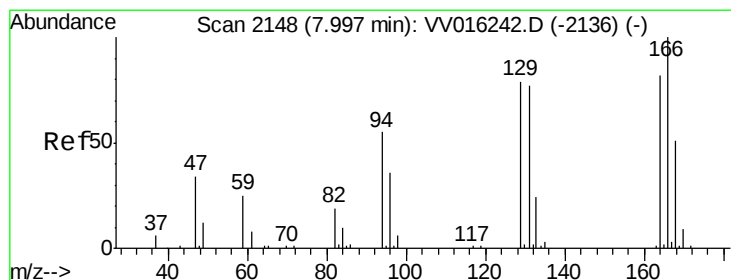
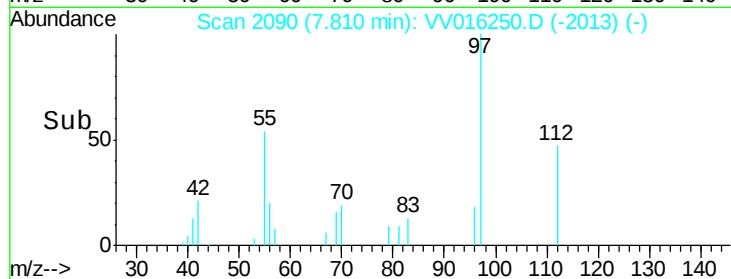
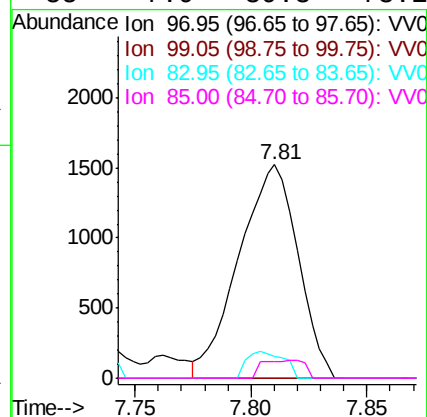
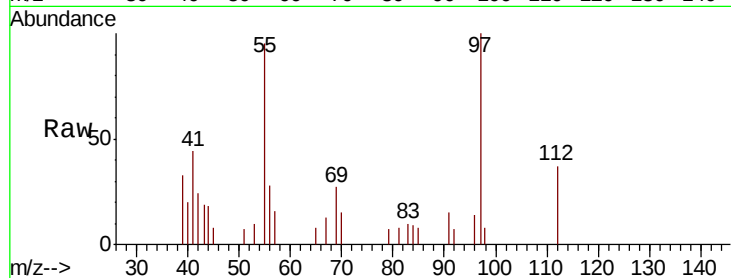




#47
 1,1,2-Trichloroethane
 Concen: 0.598 ug/L
 RT: 7.81 min Scan# 2090
 Delta R.T. -0.05 min
 Lab File: VV016250.D
 Acq: 28 May 2020 00:35

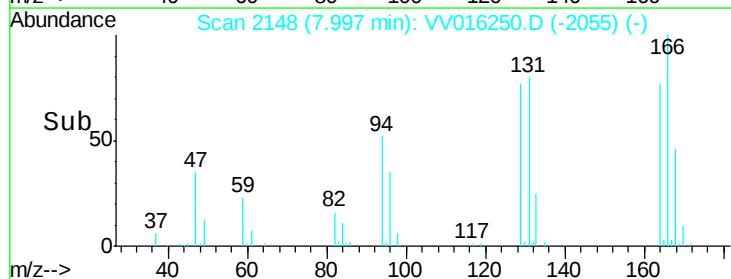
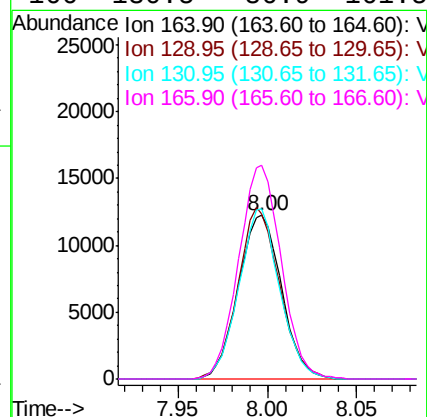
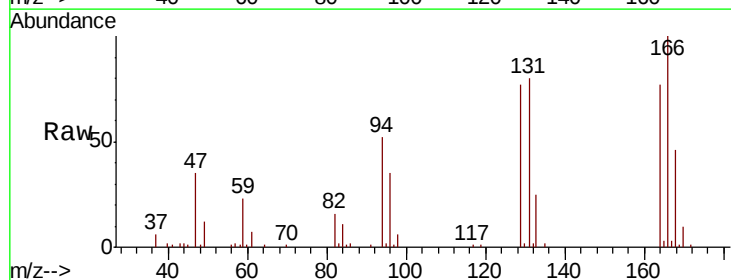
Instrument :
 MSVOA_V
 ClientSampleId :

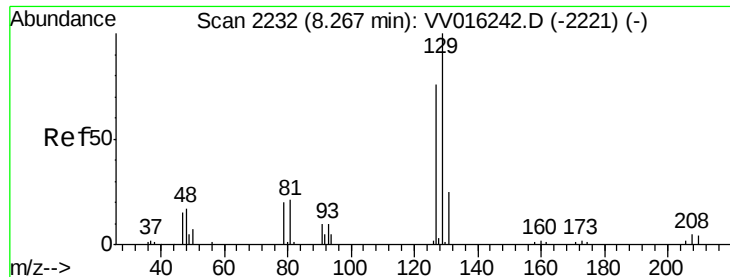
Tot Ion: 97 Resp: 2685
 Ion Ratio Lower Upper
 97 100
 99 0.0 40.8 75.8#
 83 10.0 60.0 111.4#
 85 7.9 39.3 73.1#



#49
 Tetrachloroethene
 Concen: 3.962 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. 0.00 min
 Lab File: VV016250.D
 Acq: 28 May 2020 00:35

Tgt Ion: 164 Resp: 20625
 Ion Ratio Lower Upper
 164 100
 129 100.8 70.7 131.3
 131 104.2 66.6 123.8
 166 130.5 86.9 161.5

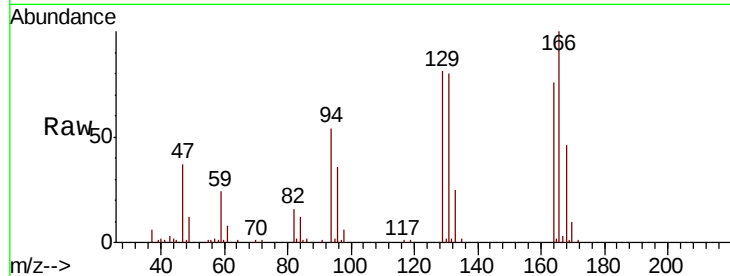




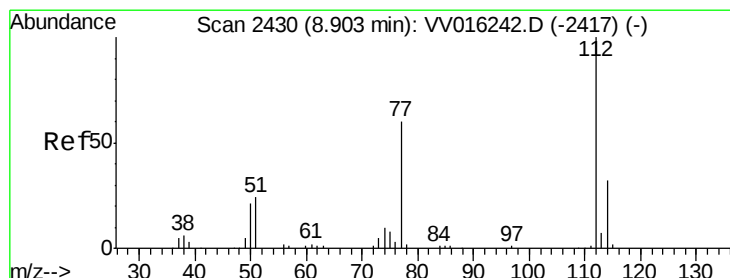
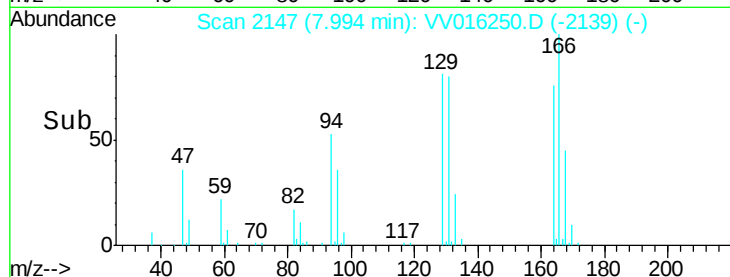
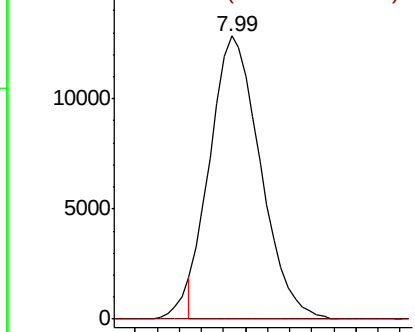
#51
Dibromochloromethane
Concen: 4.244 ug/L
RT: 7.99 min Scan# 2147
Delta R.T. -0.27 min
Lab File: VV016250.D
Acq: 28 May 2020 00:35

Instrument :
MSVOA_V
ClientSampled :

Tot Ion:129 Resp: 20180
Ion Ratio Lower Upper
129 100
127 0.0 55.2 102.4#

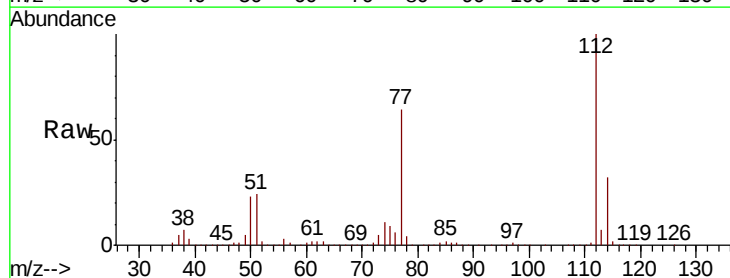


Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V

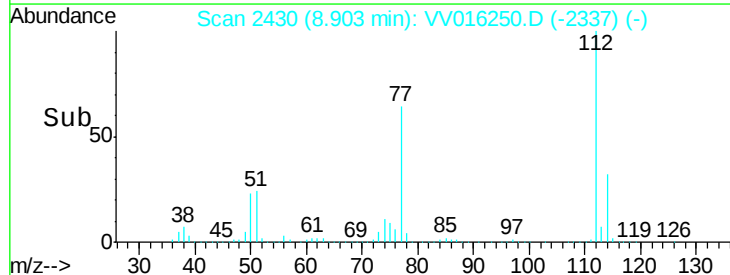
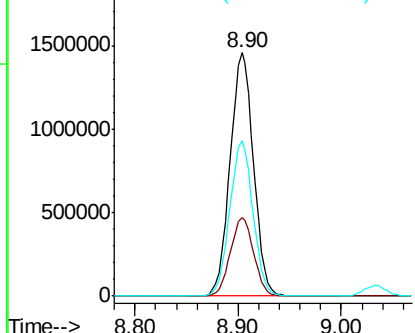


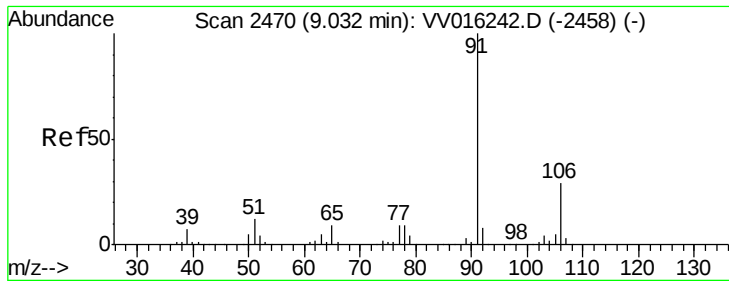
#53
Chlorobenzene
Concen: 123.070 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV016250.D
Acq: 28 May 2020 00:35

Tgt Ion:112 Resp: 2308210
Ion Ratio Lower Upper
112 100
114 32.3 22.3 41.3
77 63.7 50.7 76.1



Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): VV0





#54

Ethylbenzene

Concen: 31.360 ug/L

RT: 9.03 min Scan# 2470

Delta R.T. 0.00 min

Lab File: VV016250.D

Acq: 28 May 2020 00:35

Instrument :

MSVOA_V

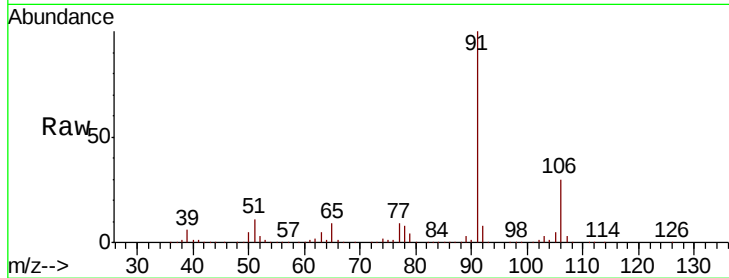
ClientSampled :

Tot Ion: 91 Resp: 1060986

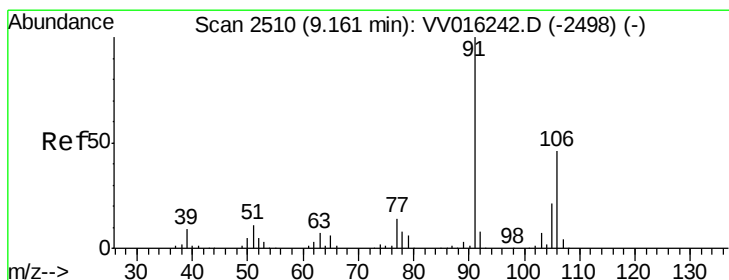
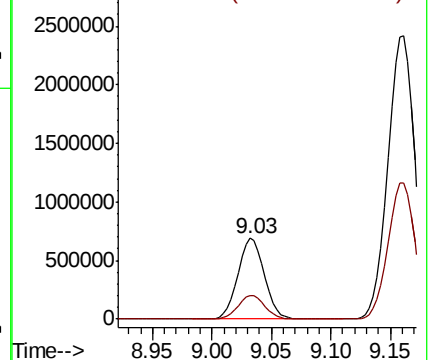
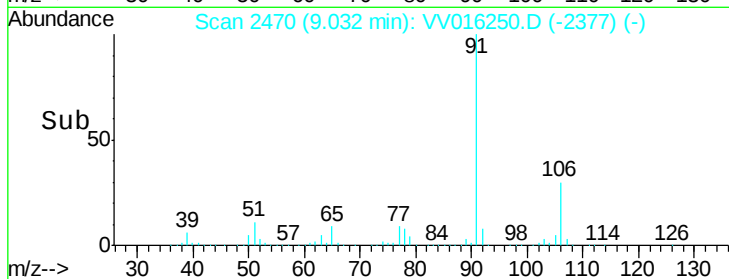
Ion Ratio Lower Upper

91 100

106 29.8 21.0 39.0



Abundance Ion 91.15 (90.85 to 91.85): VV016250.D (-2377) (-)



#55

m,p-xylene

Concen: 145.835 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VV016250.D

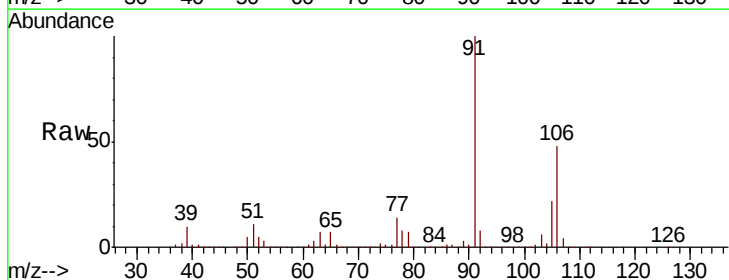
Acq: 28 May 2020 00:35

Tgt Ion:106 Resp: 1850129

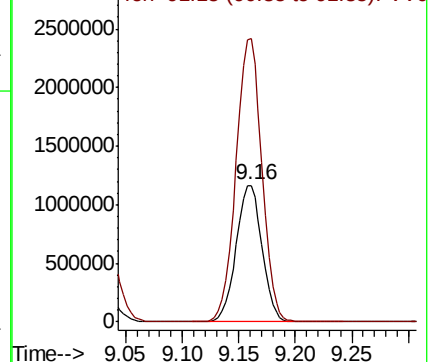
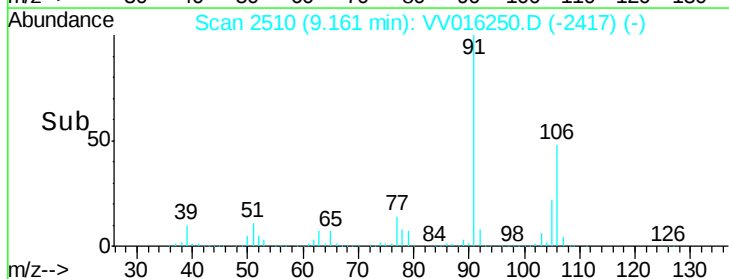
Ion Ratio Lower Upper

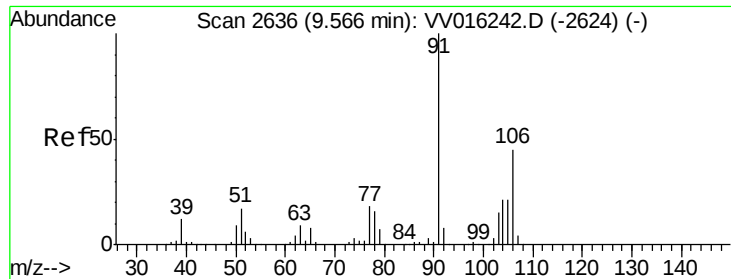
106 100

91 207.7 148.1 275.0



Abundance Ion 106.15 (105.85 to 106.85): VV016250.D (-2417) (-)

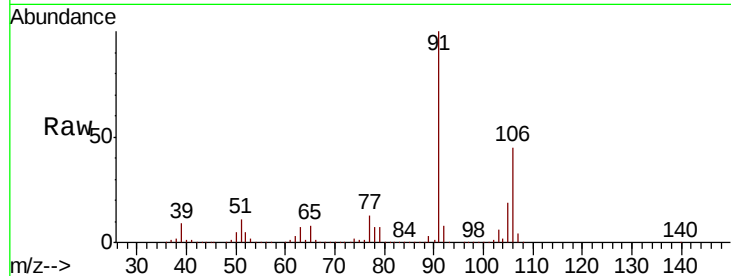




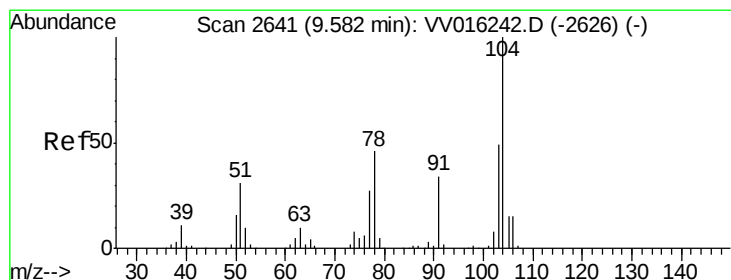
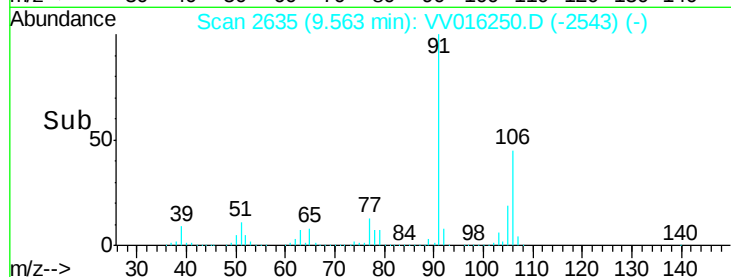
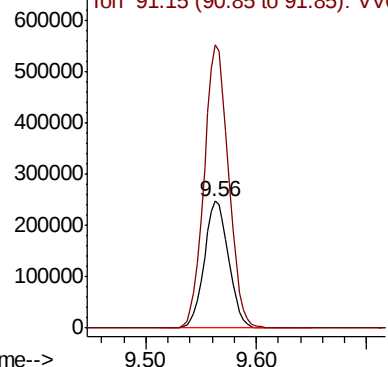
#56
o-xylene
Concen: 31.297 ug/L
RT: 9.56 min Scan# 2635
Delta R.T. -0.00 min
Lab File: VV016250.D
Acq: 28 May 2020 00:35

Instrument :
MSVOA_V
ClientSampled :

Tot Ion:106 Resp: 378374
Ion Ratio Lower Upper
106 100
91 223.5 158.8 294.8

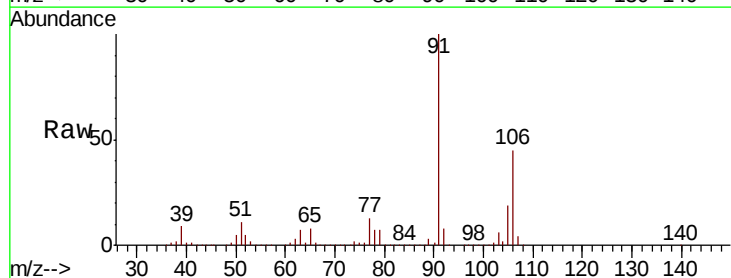


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VV0

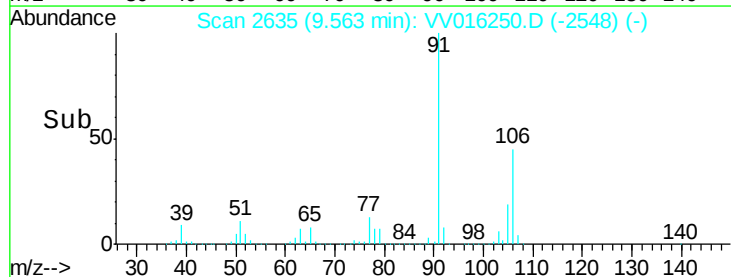
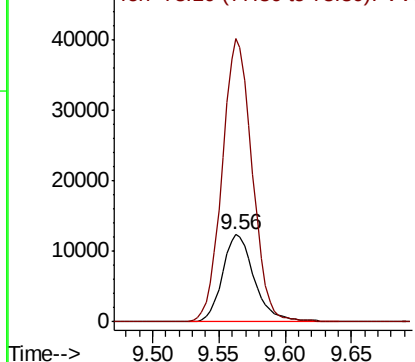


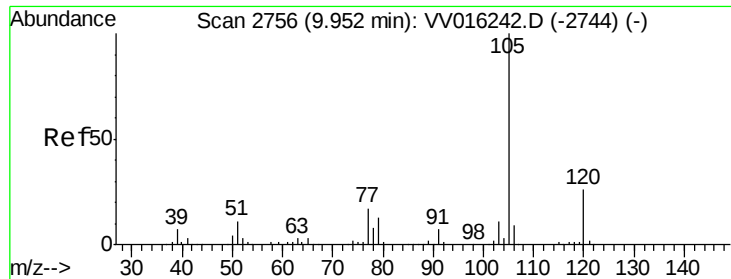
#57
Styrene
Concen: 1.028 ug/L
RT: 9.56 min Scan# 2635
Delta R.T. -0.02 min
Lab File: VV016250.D
Acq: 28 May 2020 00:35

Tgt Ion:104 Resp: 20692
Ion Ratio Lower Upper
104 100
78 324.9 33.2 61.7#



Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VV0





#58

Isopropylbenzene

Concen: 11.011 ug/L

RT: 9.95 min Scan# 2756

Delta R.T. 0.00 min

Lab File: VV016250.D

Acq: 28 May 2020 00:35

Instrument :
MSVOA_V
ClientSampled :

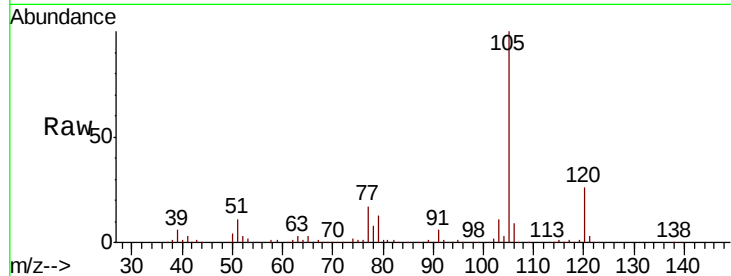
Tot Ion:105 Resp: 364649

Ion Ratio Lower Upper

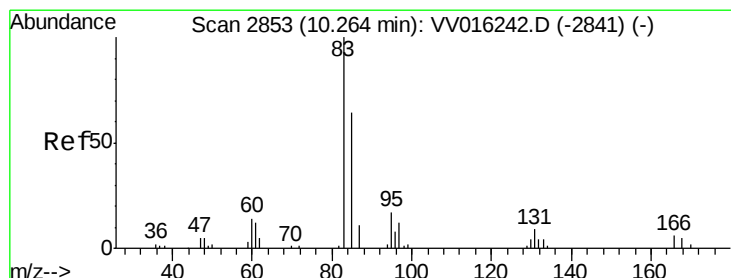
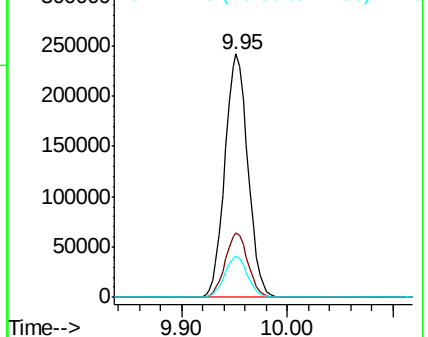
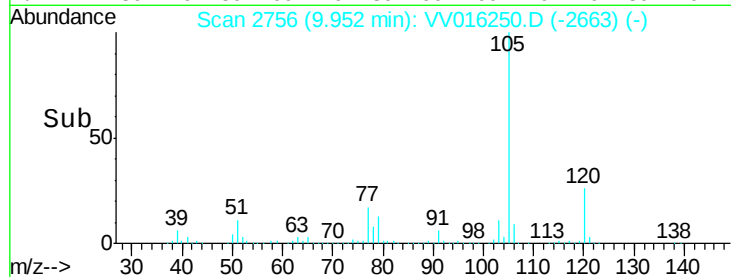
105 100

120 26.1 20.9 31.3

77 16.9 13.9 20.9



Abundance Ion 105.05 (104.75 to 105.75): V
Ion 120.10 (119.80 to 120.80): V
Ion 77.10 (76.80 to 77.80): V



#60

1,1,2,2-Tetrachloroethane

Concen: 0.736 ug/L

RT: 10.29 min Scan# 2861

Delta R.T. 0.03 min

Lab File: VV016250.D

Acq: 28 May 2020 00:35

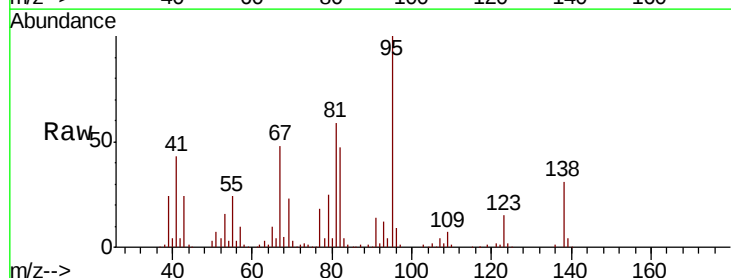
Tgt Ion: 83 Resp: 4106

Ion Ratio Lower Upper

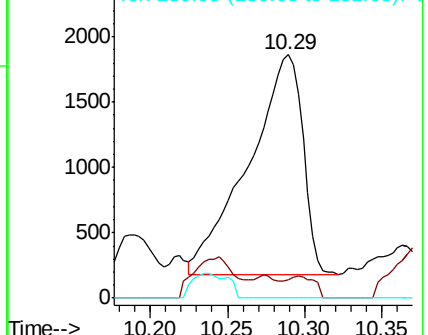
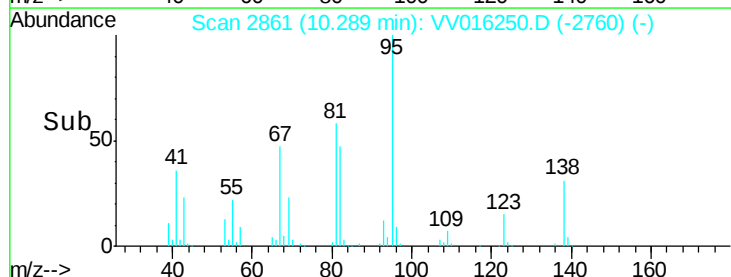
83 100

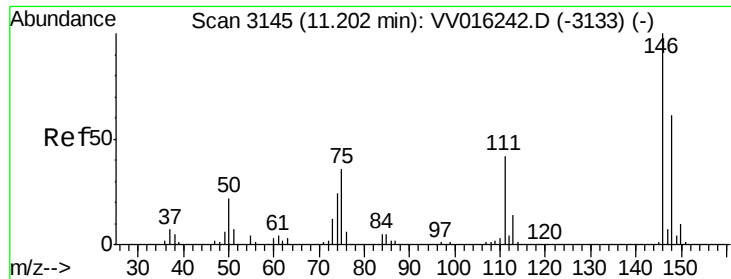
85 7.7 45.6 84.8#

131 0.0 7.9 11.9#



Abundance Ion 82.95 (82.65 to 83.65): VV0
Ion 85.00 (84.70 to 85.70): VV0
Ion 130.95 (130.65 to 131.65): V





#63

1,3-Dichlorobenzene

Concen: 0.684 ug/L

RT: 11.21 min Scan# 3146

Delta R.T. 0.00 min

Lab File: VV016250.D

Acq: 28 May 2020 00:35

Instrument :

MSVOA_V

ClientSampleId :

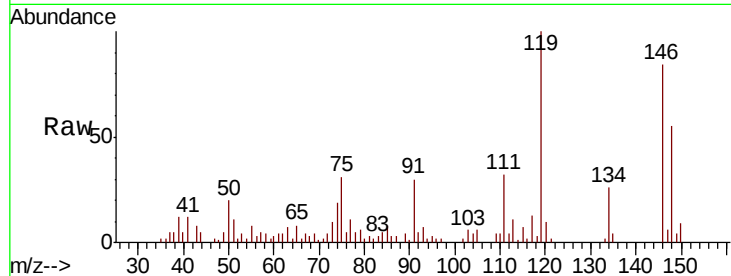
Tot Ion:146 Resp: 10292

Ion Ratio Lower Upper

146 100

111 37.6 29.7 55.1

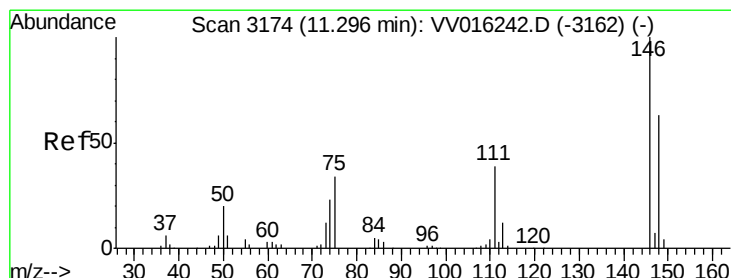
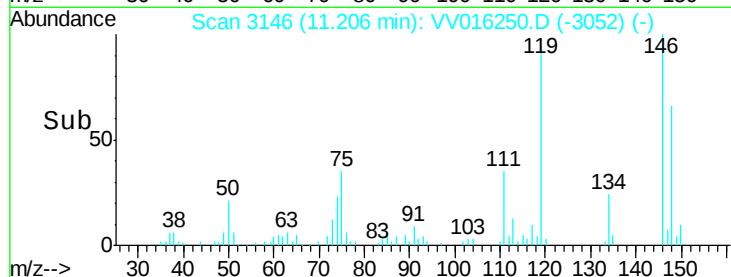
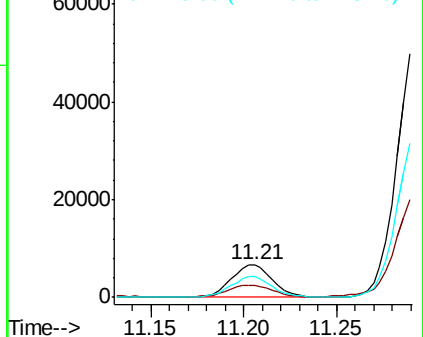
148 65.6 45.9 85.3



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#64

1,4-Dichlorobenzene

Concen: 5.692 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.00 min

Lab File: VV016250.D

Acq: 28 May 2020 00:35

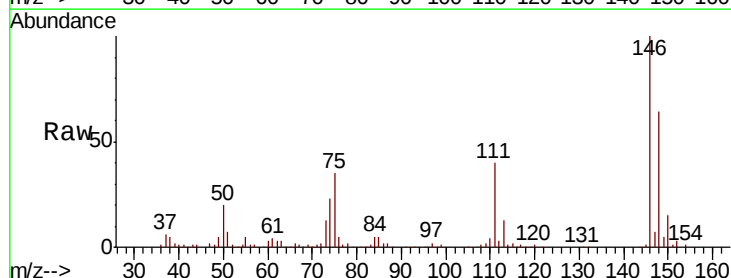
Tgt Ion:146 Resp: 87065

Ion Ratio Lower Upper

146 100

111 40.2 28.3 52.7

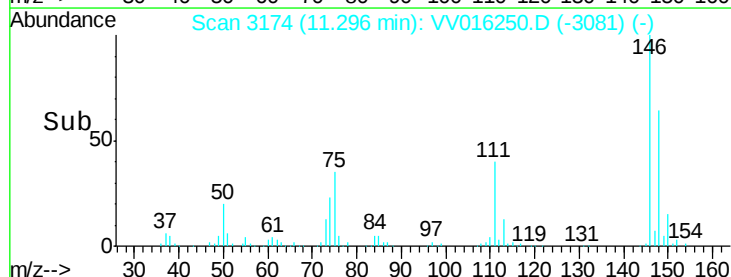
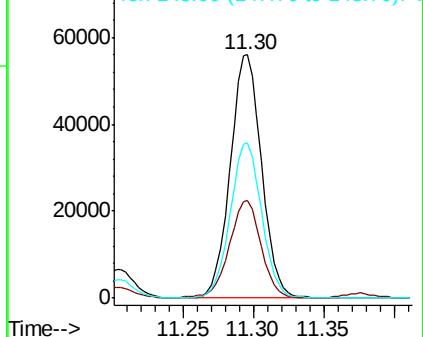
148 63.8 43.3 80.3

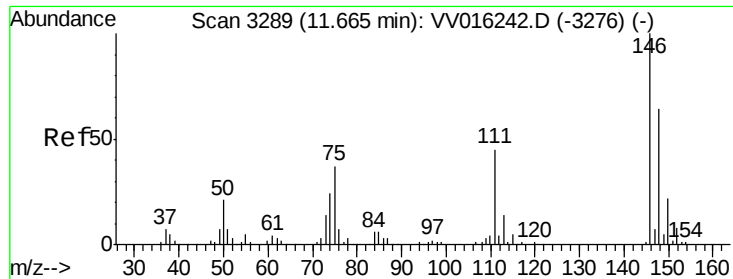


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

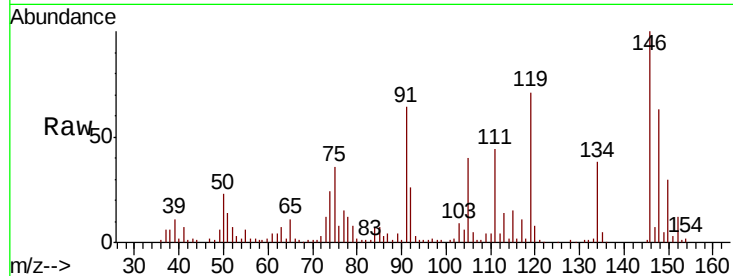




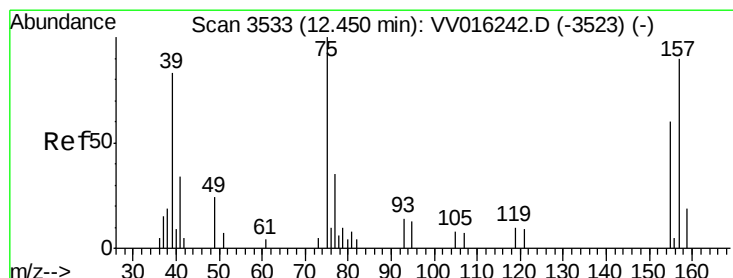
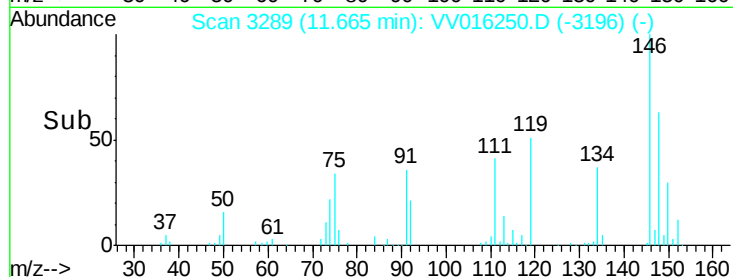
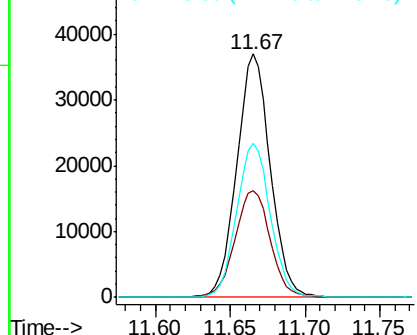
#66
 1,2-Dichlorobenzene
 Concen: 4.233 ug/L
 RT: 11.67 min Scan# 3289
 Delta R.T. 0.00 min
 Lab File: VV016250.D
 Acq: 28 May 2020 00:35

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion:146 Resp: 57587
 Ion Ratio Lower Upper
 146 100
 111 43.7 35.7 53.5
 148 63.1 51.3 76.9

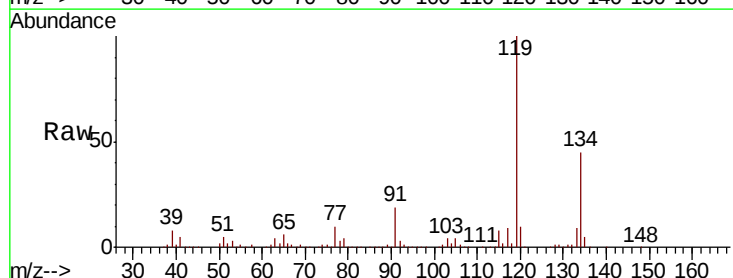


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

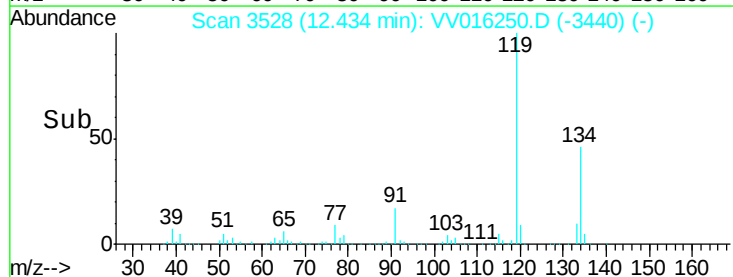
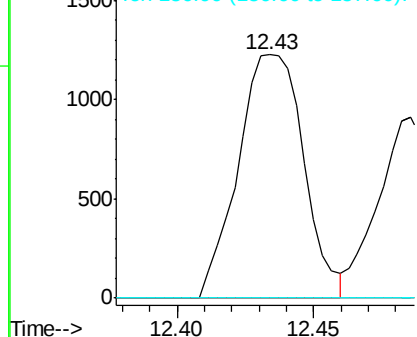


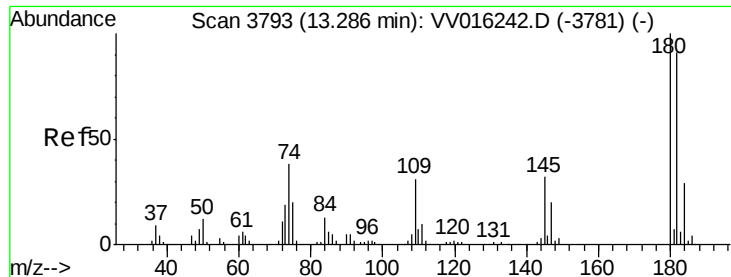
#67
 1,2-Dibromo-3-chloropropane
 Concen: 2.230 ug/L
 RT: 12.43 min Scan# 3528
 Delta R.T. -0.02 min
 Lab File: VV016250.D
 Acq: 28 May 2020 00:35

Tgt Ion: 75 Resp: 2049
 Ion Ratio Lower Upper
 75 100
 155 0.0 56.2 84.4#
 157 0.0 71.9 107.9#



Abundance Ion 75.05 (74.75 to 75.75): VV0
 Ion 154.95 (154.65 to 155.65): V
 Ion 156.90 (156.60 to 157.60): V

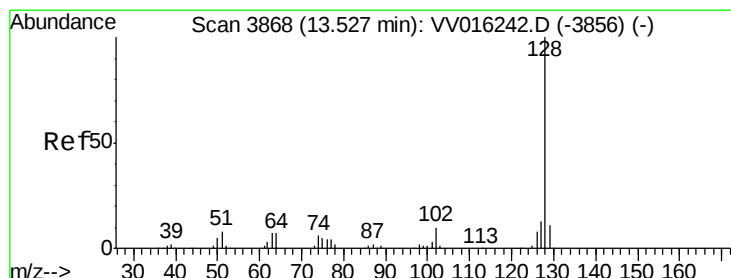
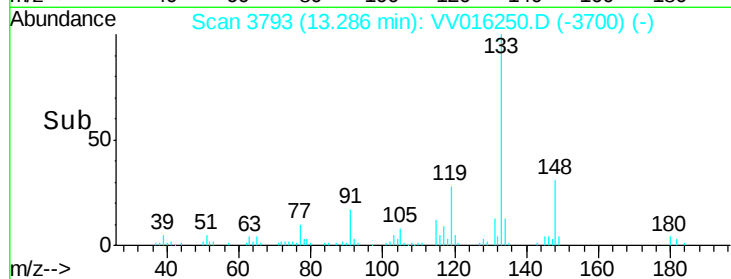
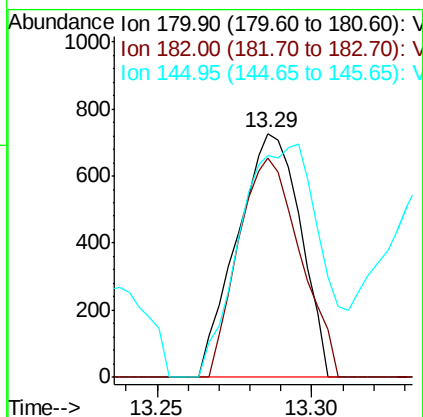
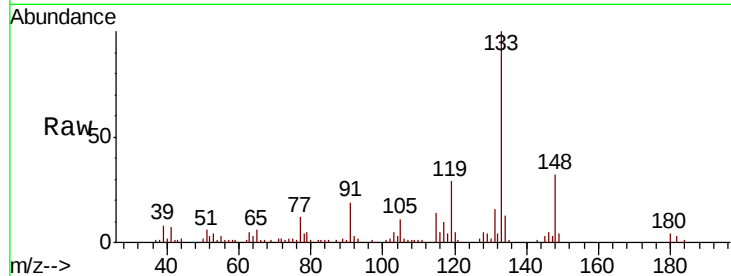




#69
 1,2,4-trichlorobenzene
 Concen: 0.111 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.00 min
 Lab File: VV016250.D
 Acq: 28 May 2020 00:35

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion:180 Resp: 1036
 Ion Ratio Lower Upper
 180 100
 182 87.9 75.0 112.4
 145 121.9 27.1 40.7#



#70
 Naphthalene
 Concen: 2.496 ug/L
 RT: 13.52 min Scan# 3867
 Delta R.T. -0.00 min
 Lab File: VV016250.D
 Acq: 28 May 2020 00:35

Tgt Ion:128 Resp: 51009
 Ion Ratio Lower Upper
 128 100
 129 11.0 8.6 13.0
 127 13.0 10.6 15.8

