

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052720\
 Data File : VV016226.D
 Acq On : 27 May 2020 14:26
 Operator : SY/MD
 Sample : L2755-19
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 28 01:22:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 28 01:17:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	92423	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	92171	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	42959	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	27081	4.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.20%
7) Chloroethane-d5	1.58	69	24618	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.40%
11) 1,1-Dichloroethene-d2	2.13	63	48809	4.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.60%
20) 2-Butanone-d5	3.94	46	75147	51.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.08%
24) Chloroform-d	4.38	84	54602	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.06	65	29558	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
32) Benzene-d6	5.08	84	106817	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	6.10	67	33378	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.34	98	95571	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
45) trans-1,3-Dichloropropene-	7.65	79	11658	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
48) 2-Hexanone-d5	8.12	63	52763	43.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.38%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	23266	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	34474	4.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.20%

Target Compounds

					Ovalue
3) Chloromethane	1.25	50	29736	3.343	ug/L 100
6) Bromomethane	1.53	94	16841	3.698	ug/L 92
8) Chloroethane	1.62	64	2302	0.509	ug/L # 42
9) Trichlorofluoromethane	1.77	101	74576	7.126	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	451	0.079	ug/L # 32
12) 1,1-Dichloroethene	2.14	96	18696	3.430	ug/L # 71
13) Acetone	2.21	43	65423	71.782	ug/L 89
14) Carbon disulfide	2.31	76	79322	4.694	ug/L 99
15) Methyl Acetate	2.21	43	64355	27.632	ug/L # 53
16) Methylene chloride	2.53	84	14186	2.270	ug/L 95
17) Methyl tert-butyl Ether	2.79	73	113010	8.419	ug/L 98
19) 1,1-Dichloroethane	3.21	63	105501	9.310	ug/L 99
21) 2-Butanone	4.02	43	177427	109.434	ug/L 89
27) 1,2-Dichloroethane	5.16	62	55272	7.049	ug/L # 94
29) 1,1,1-Trichloroethane	4.64	97	86881	7.942	ug/L 100
30) Cyclohexane	4.70	56	120549	10.282	ug/L 99
31) Carbon tetrachloride	4.64	117	10613	1.145	ug/L 97

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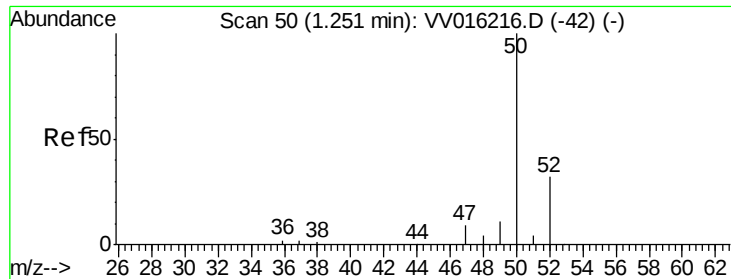
Instrument :
 MSVOA_V
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 Quant Title : TRACE VOA SOM01.0
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 Response via : Initial Calibration

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

34) Trichloroethene	5.94	95	34652	5.015	ug/L	98
35) Methylcyclohexane	6.15	83	69153	5.934	ug/L	99
37) 1,2-Dichloropropane	6.20	63	12808	1.969	ug/L #	98
39) cis-1,3-Dichloropropene	7.01	75	863	0.094	ug/L #	58
42) Toluene	7.41	91	227188	7.854	ug/L	99
43) 1,3,5-Trimethylbenzene	9.95	105	98345	3.735	ug/L #	68
44) 1,2,4-Trimethylbenzene	9.95	105	98345	3.626	ug/L #	72
46) trans-1,3-Dichloropropene	7.65	75	626	0.082	ug/L #	74
49) Tetrachloroethene	8.00	164	40016	8.067	ug/L	99
50) 2-Hexanone	8.16	43	144691	51.262	ug/L	99
51) Dibromochloromethane	8.00	129	38952	8.595	ug/L #	10
52) 1,2-Dibromoethane	8.38	107	59596	14.824	ug/L	98
53) Chlorobenzene	8.90	112	180941	10.123	ug/L	98
54) Ethylbenzene	9.04	91	198318	6.151	ug/L	100
55) m,p-xylene	9.16	106	152093	12.580	ug/L	97
56) o-xylene	9.57	106	59332	5.150	ug/L	98
57) Styrene	9.58	104	99849	5.208	ug/L	99
58) Isopropylbenzene	9.95	105	98345	3.116	ug/L	99
62) Bromoform	9.75	173	10375	5.616	ug/L	98
63) 1,3-Dichlorobenzene	11.30	146	55273	4.216	ug/L	97
64) 1,4-Dichlorobenzene	11.30	146	55273	4.149	ug/L	99
66) 1,2-Dichlorobenzene	11.67	146	142006	11.984	ug/L	99
67) 1,2-Dibromo-3-chloropropan	12.45	75	3201	3.999	ug/L	92
68) 1,3,5-Trichlorobenzene	12.67	180	49757	5.363	ug/L	98
70) Naphthalene	13.53	128	2479	0.139	ug/L	97
71) 1,2,3-Trichlorobenzene	13.77	180	73292	9.975	ug/L	96

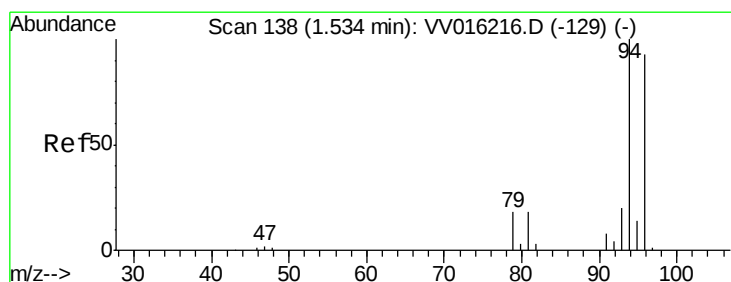
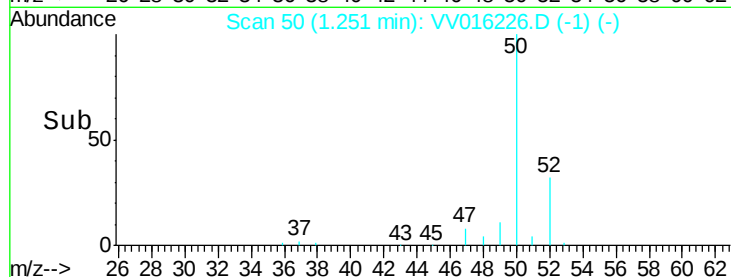
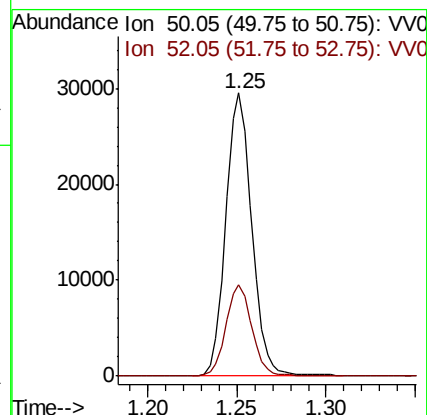
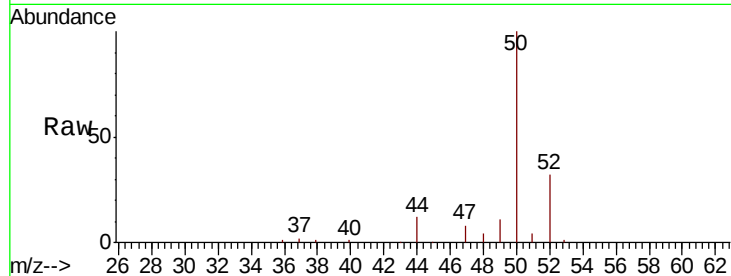
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#3
Chloromethane
Concen: 3.343 ug/L
RT: 1.25 min Scan# 50
Delta R.T. -0.00 min
Lab File: VV016226.D
Acq: 27 May 2020 14:26

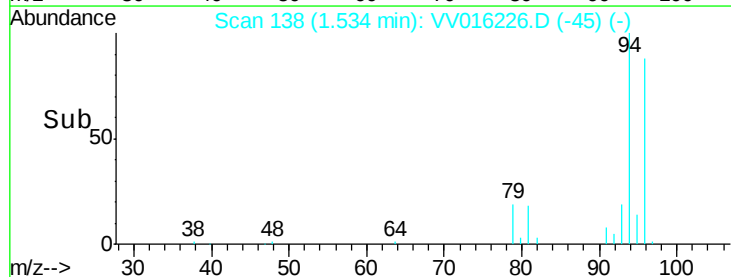
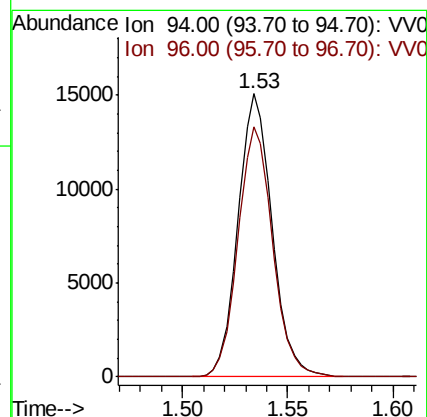
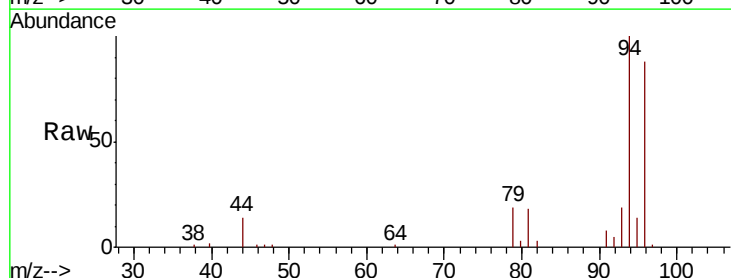
Instrument :
MSVOA_V
ClientSampleId :

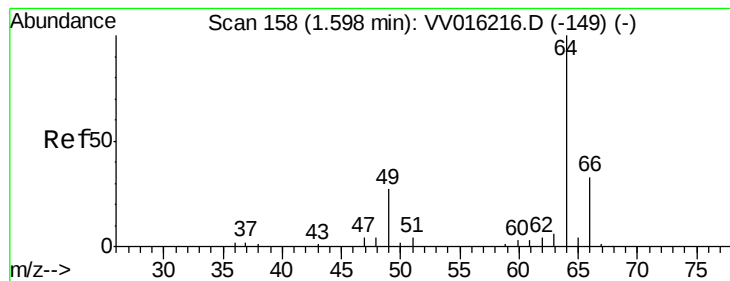
Tot Ion: 50 Resp: 29736
Ion Ratio Lower Upper
50 100
52 32.5 22.5 41.9



#6
Bromomethane
Concen: 3.698 ug/L
RT: 1.53 min Scan# 138
Delta R.T. -0.00 min
Lab File: VV016226.D
Acq: 27 May 2020 14:26

Tgt Ion: 94 Resp: 16841
Ion Ratio Lower Upper
94 100
96 88.4 67.7 125.7





#8

Chloroethane

Concen: 0.509 ug/L

RT: 1.62 min Scan# 166

Delta R.T. 0.03 min

Lab File: VV016226.D

Acq: 27 May 2020 14:26

Instrument :

MSVOA_V

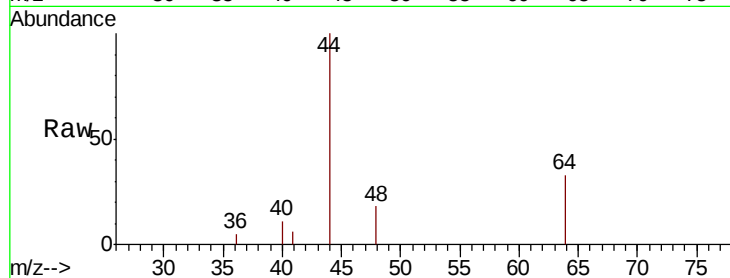
ClientSampleId :

Tot Ion: 64 Resp: 2302

Ion Ratio Lower Upper

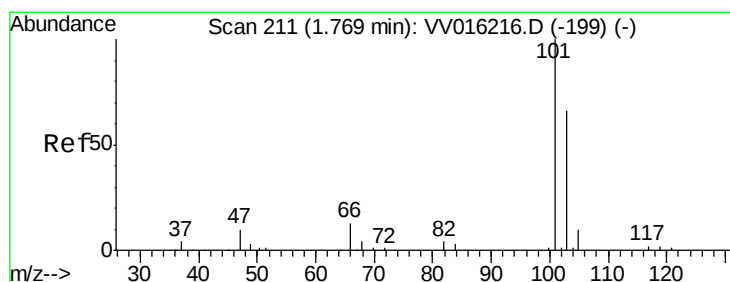
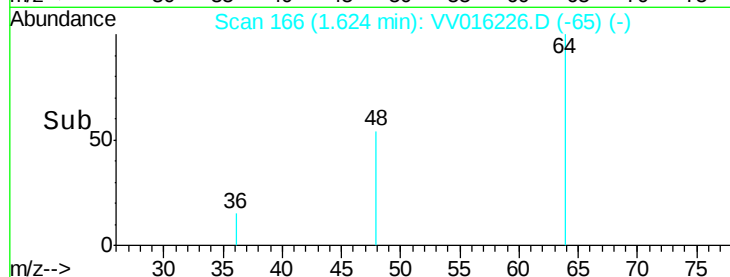
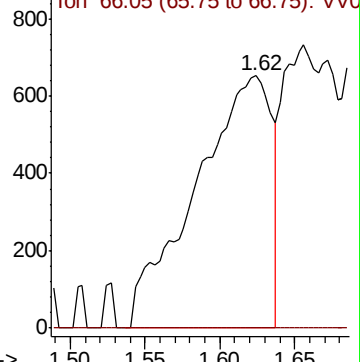
64 100

66 0.0 22.9 42.5#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0



#9

Trichlorofluoromethane

Concen: 7.126 ug/L

RT: 1.77 min Scan# 211

Delta R.T. -0.00 min

Lab File: VV016226.D

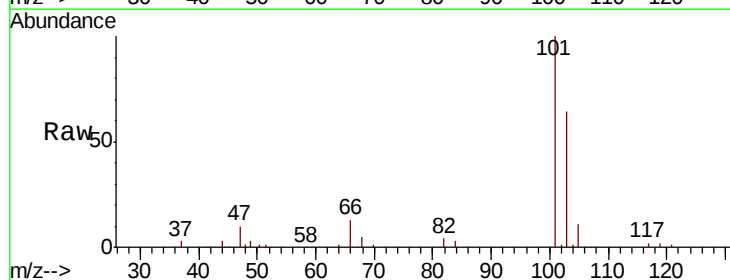
Acq: 27 May 2020 14:26

Tgt Ion: 101 Resp: 74576

Ion Ratio Lower Upper

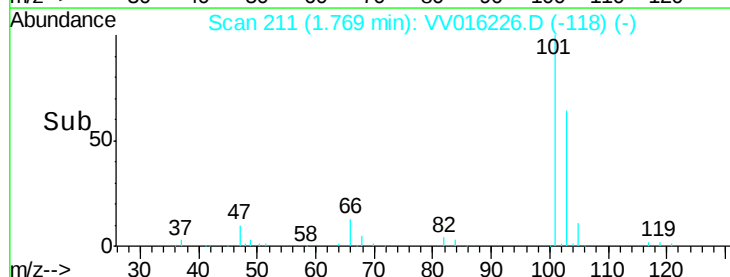
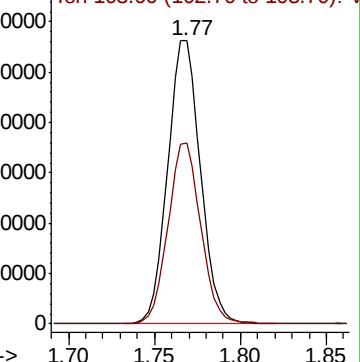
101 100

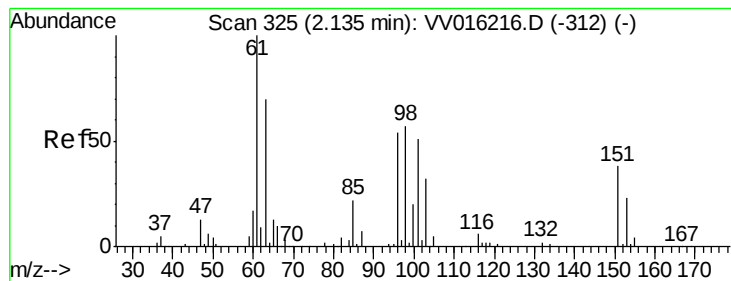
103 63.6 51.9 77.9



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.079 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV016226.D

Acq: 27 May 2020 14:26

Instrument :

MSVOA_V

ClientSampleId :

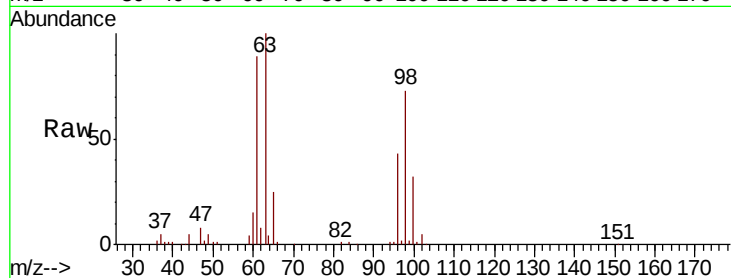
Tot Ion:101 Resp: 451

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.6#

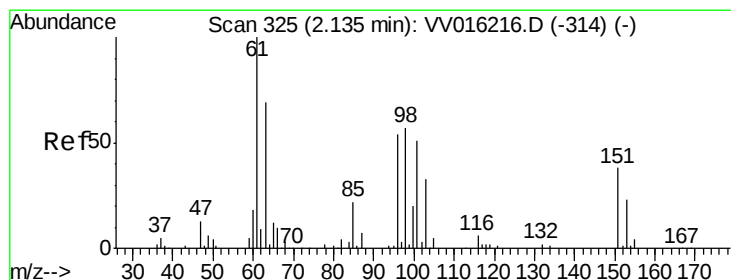
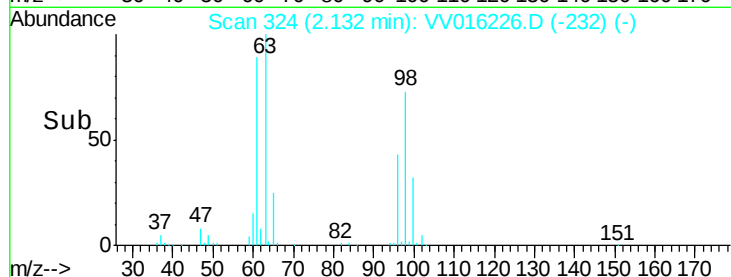
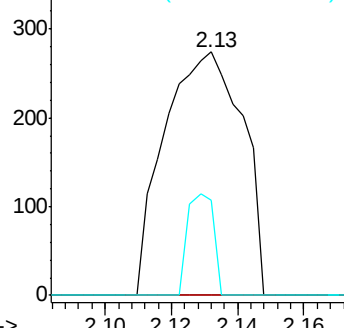
151 14.0 56.3 84.5#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 3.430 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.00 min

Lab File: VV016226.D

Acq: 27 May 2020 14:26

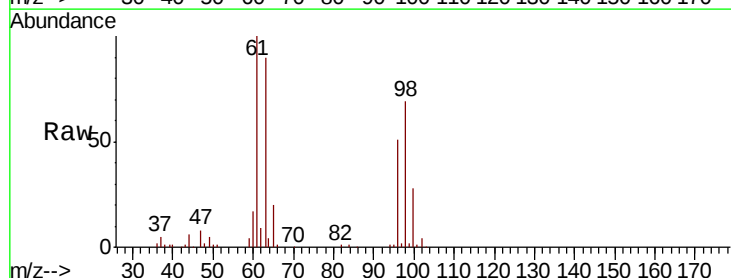
Tgt Ion: 96 Resp: 18696

Ion Ratio Lower Upper

96 100

61 194.9 124.9 231.9

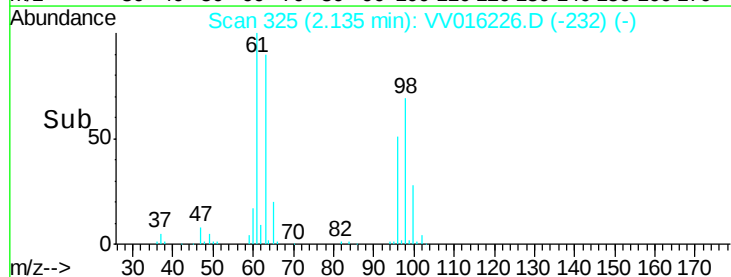
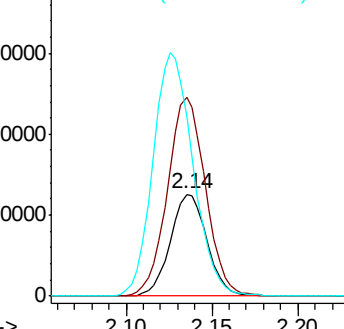
63 175.4 80.4 149.2#

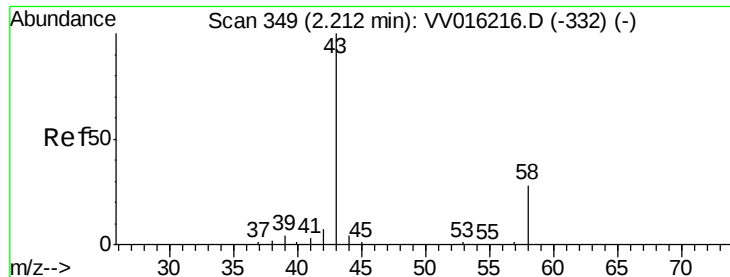


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 71.782 ug/L

RT: 2.21 min Scan# 347

Delta R.T. -0.01 min

Lab File: VV016226.D

Acq: 27 May 2020 14:26

Instrument :

MSVOA_V

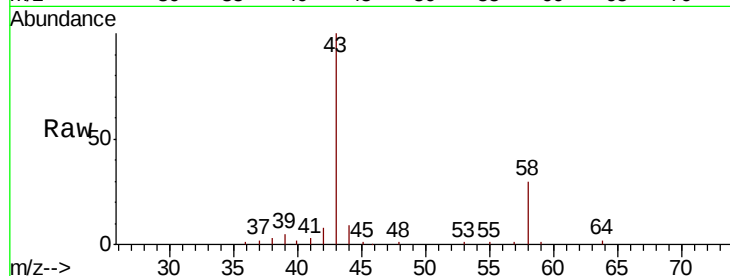
ClientSampleId :

Tot Ion: 43 Resp: 65423

Ion Ratio Lower Upper

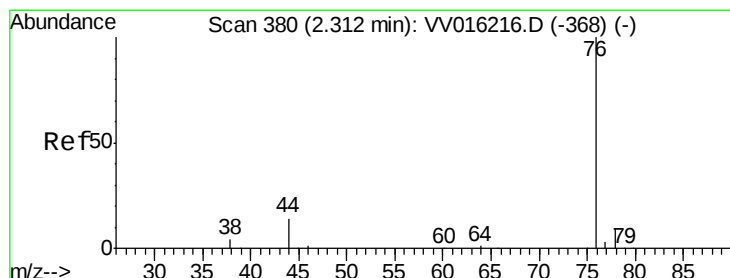
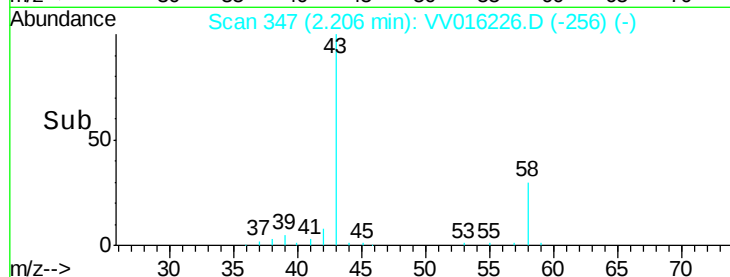
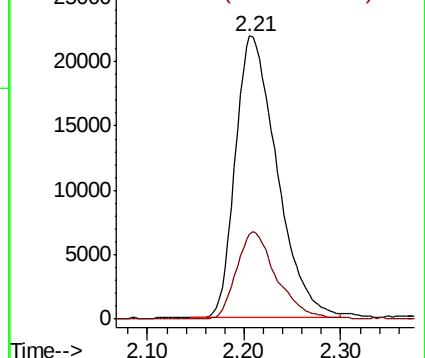
43 100

58 29.9 0.0 48.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#14

Carbon disulfide

Concen: 4.694 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.00 min

Lab File: VV016226.D

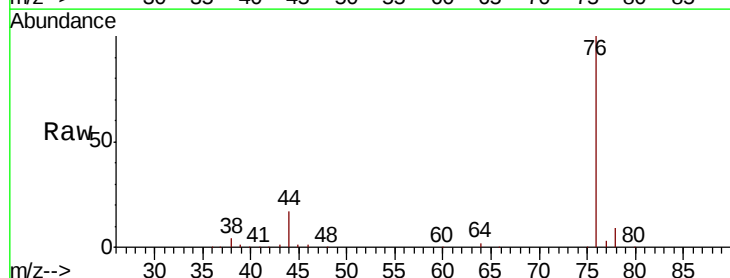
Acq: 27 May 2020 14:26

Tgt Ion: 76 Resp: 79322

Ion Ratio Lower Upper

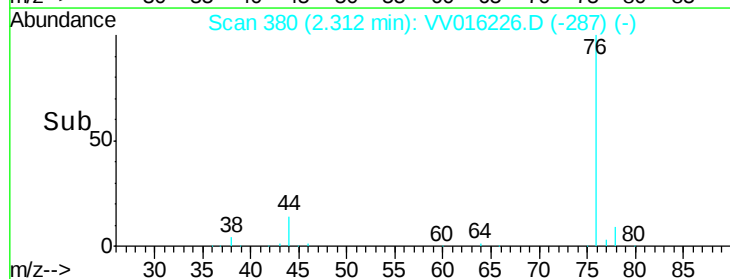
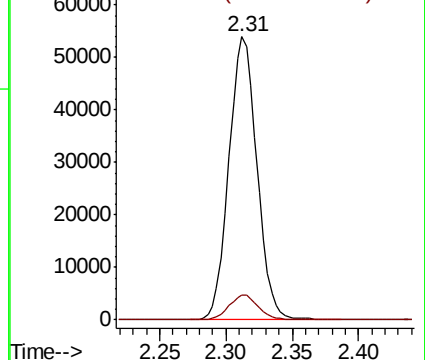
76 100

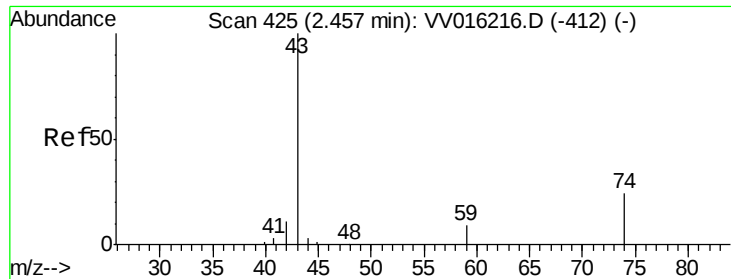
78 8.7 7.4 11.0



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

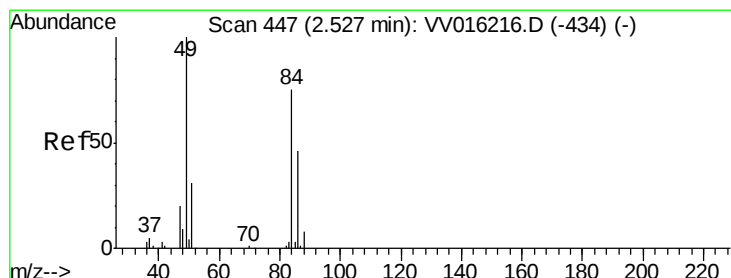
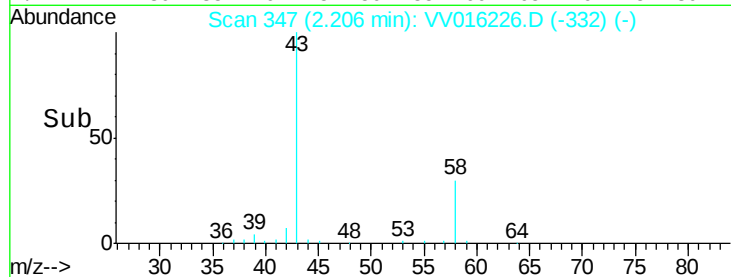
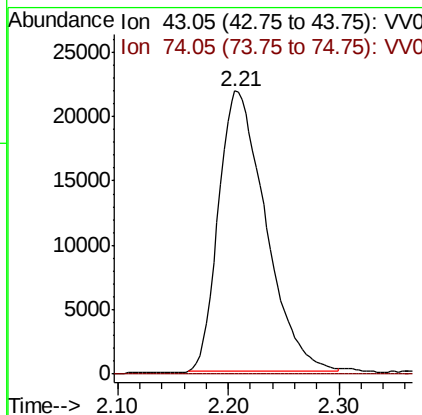
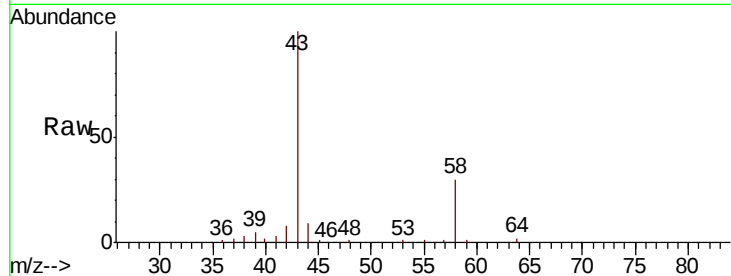




#15
Methvl Acetate
Concen: 27.632 ug/L
RT: 2.21 min Scan# 347
Delta R.T. -0.25 min
Lab File: VV016226.D
Acq: 27 May 2020 14:26

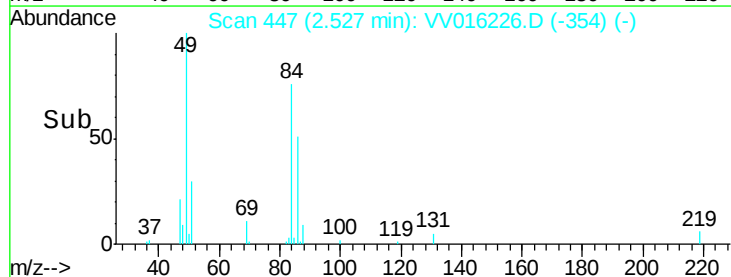
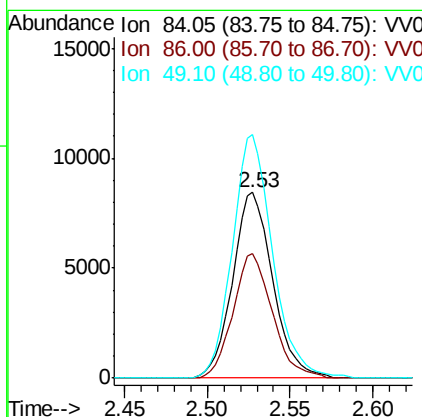
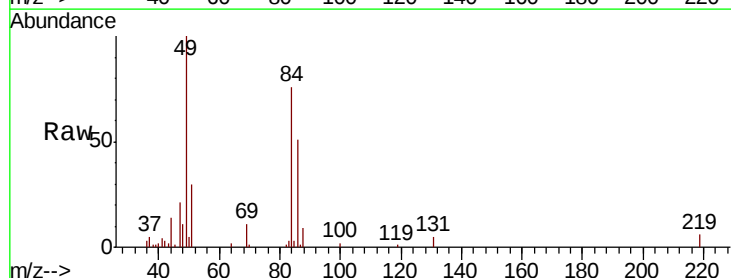
Instrument :
MSVOA_V
ClientSampleId :

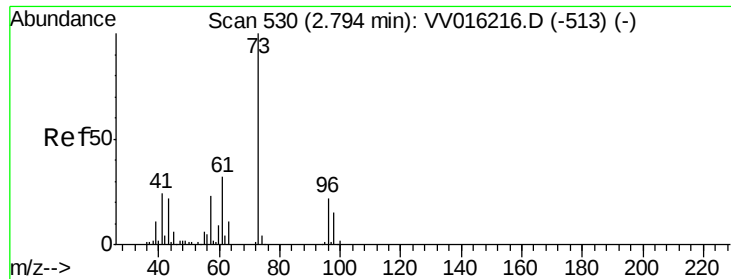
Tot Ion: 43 Resp: 64355
Ion Ratio Lower Upper
43 100
74 0.0 18.1 27.1#



#16
Methylene chloride
Concen: 2.270 ug/L
RT: 2.53 min Scan# 447
Delta R.T. -0.00 min
Lab File: VV016226.D
Acq: 27 May 2020 14:26

Tgt Ion: 84 Resp: 14186
Ion Ratio Lower Upper
84 100
86 67.3 44.9 83.5
49 131.3 96.7 179.7

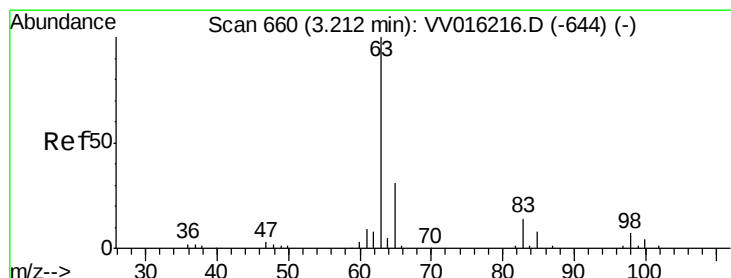
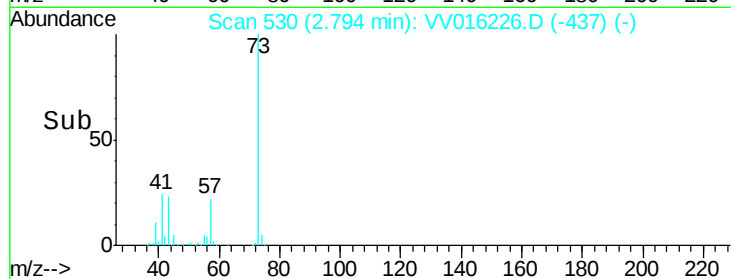
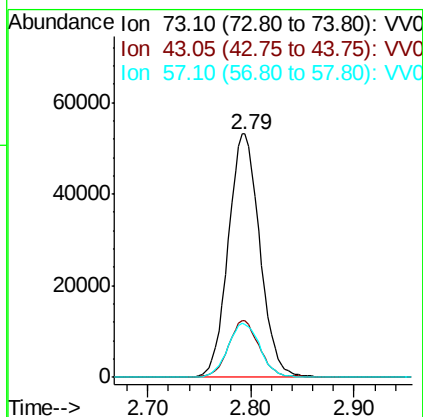
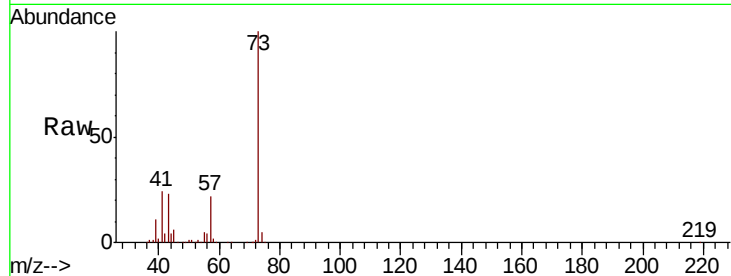




#17
Methvl tert-butvl Ether
Concen: 8.419 ug/L
RT: 2.79 min Scan# 530
Delta R.T. -0.00 min
Lab File: VV016226.D
Acq: 27 May 2020 14:26

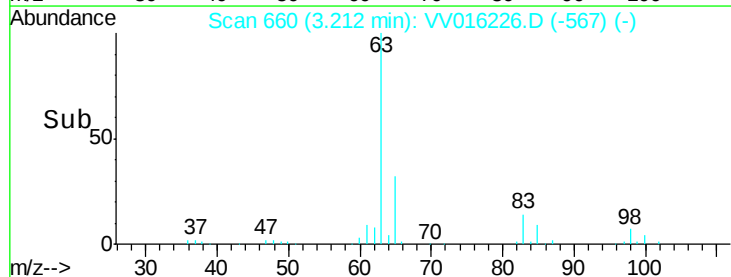
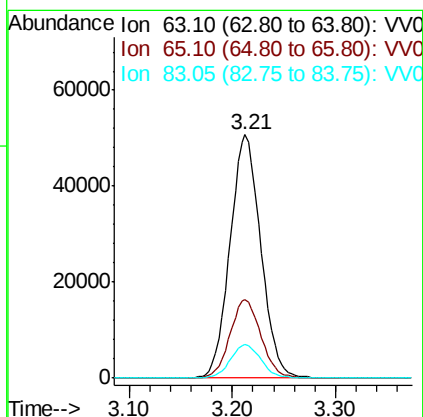
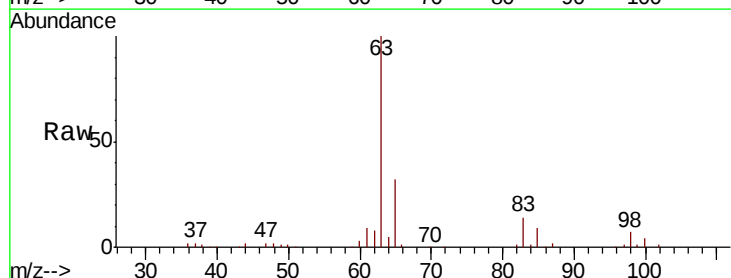
Instrument :
MSVOA_V
ClientSampleId :

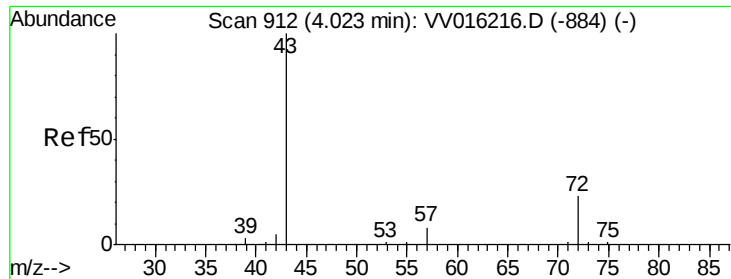
Tot Ion: 73 Resp: 113010
Ion Ratio Lower Upper
73 100
43 23.2 17.8 26.8
57 22.6 18.9 28.3



#19
1,1-Dichloroethane
Concen: 9.310 ug/L
RT: 3.21 min Scan# 660
Delta R.T. -0.00 min
Lab File: VV016226.D
Acq: 27 May 2020 14:26

Tgt Ion: 63 Resp: 105501
Ion Ratio Lower Upper
63 100
65 32.3 22.3 41.5
83 13.9 9.4 17.4





#21

2-Butanone

Concen: 109.434 ug/L

RT: 4.02 min Scan# 911

Delta R.T. -0.00 min

Lab File: VV016226.D

Acq: 27 May 2020 14:26

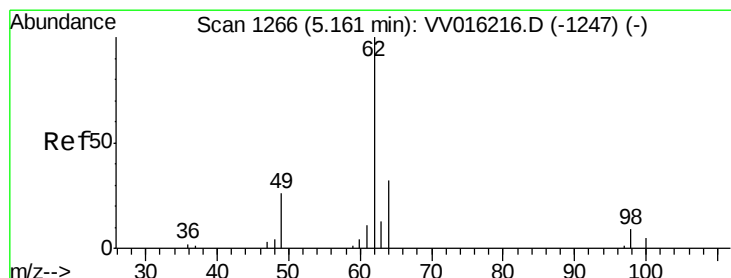
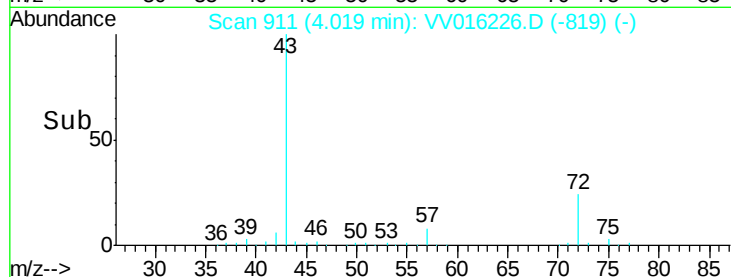
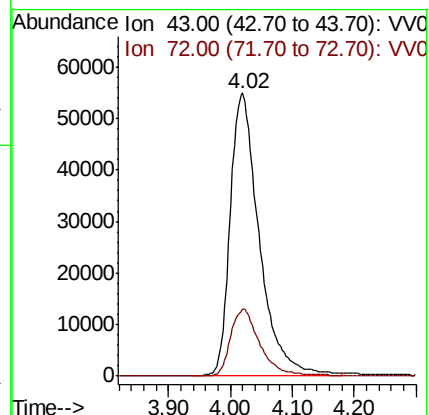
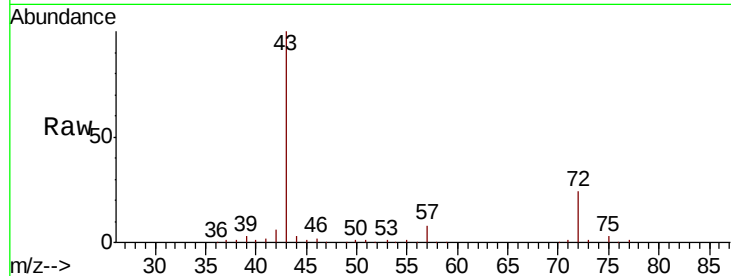
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 177427

Ion Ratio Lower Upper

43 100

72 24.1 9.7 28.9



#27

1,2-Dichloroethane

Concen: 7.049 ug/L

RT: 5.16 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VV016226.D

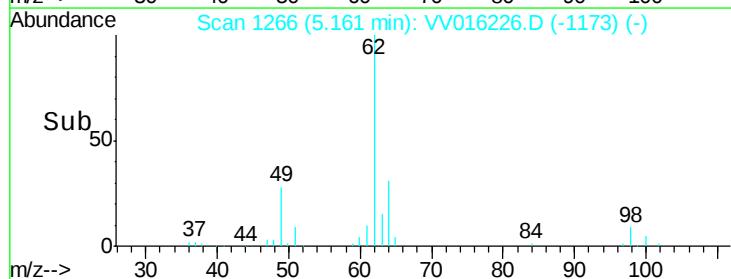
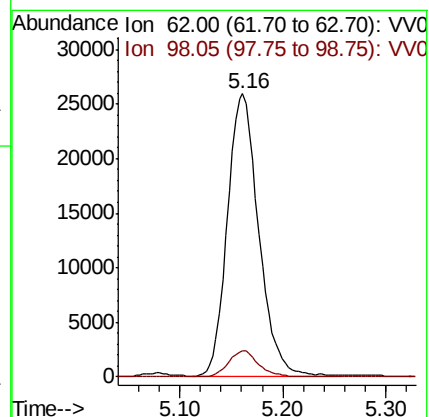
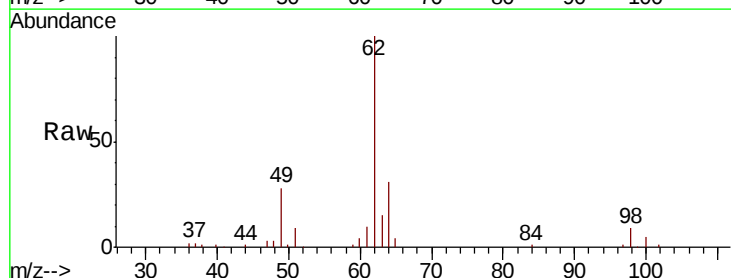
Acq: 27 May 2020 14:26

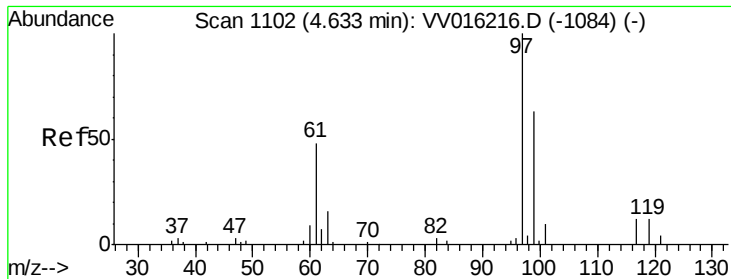
Tgt Ion: 62 Resp: 55272

Ion Ratio Lower Upper

62 100

98 9.2 5.7 8.5#

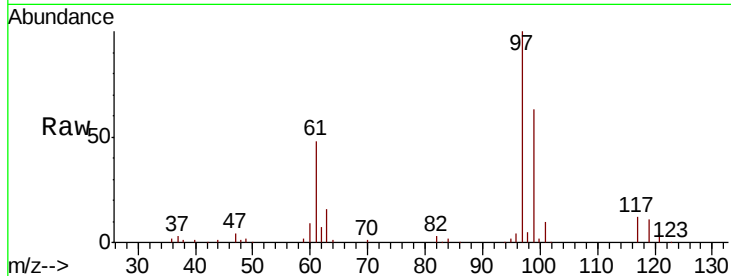




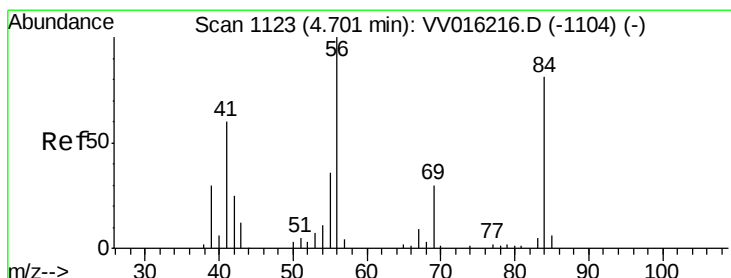
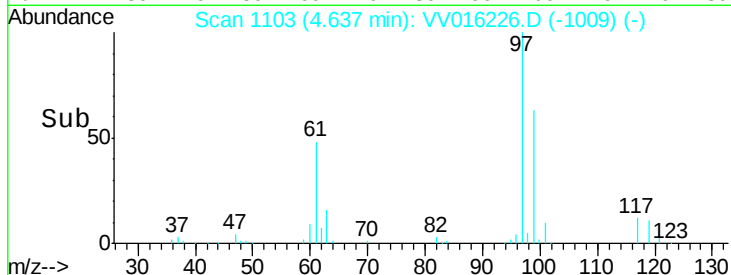
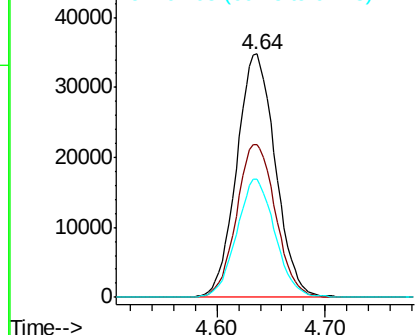
#29
 1,1,1-Trichloroethane
 Concen: 7.942 ug/L
 RT: 4.64 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VV016226.D
 Acq: 27 May 2020 14:26

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion: 97 Resp: 86881
 Ion Ratio Lower Upper
 97 100
 99 63.5 51.2 76.8
 61 48.2 38.6 57.8

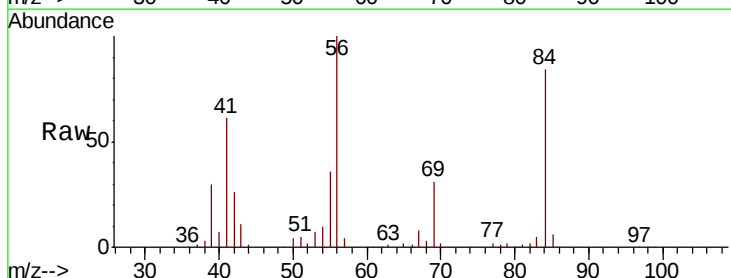


Abundance Ion 96.95 (96.65 to 97.65): VV0
 Ion 99.05 (98.75 to 99.75): VV0
 Ion 61.05 (60.75 to 61.75): VV0

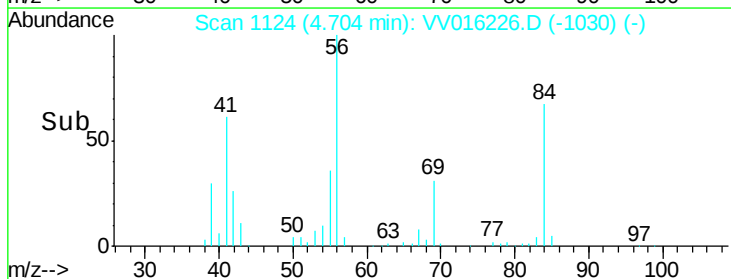
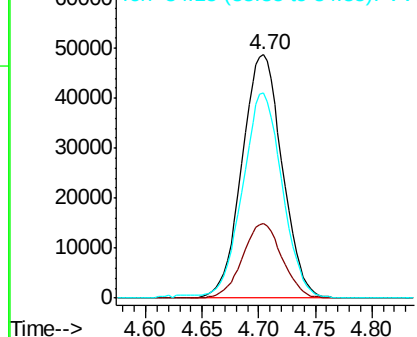


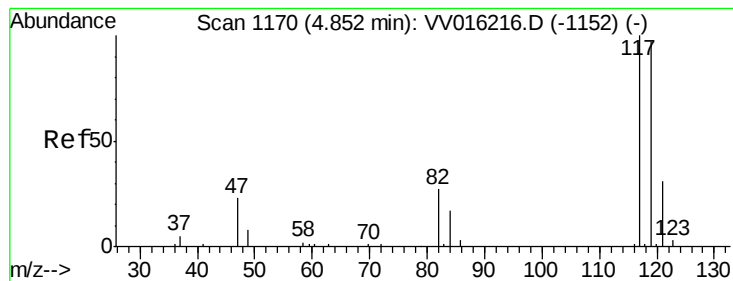
#30
 Cyclohexane
 Concen: 10.282 ug/L
 RT: 4.70 min Scan# 1124
 Delta R.T. 0.00 min
 Lab File: VV016226.D
 Acq: 27 May 2020 14:26

Tgt Ion: 56 Resp: 120549
 Ion Ratio Lower Upper
 56 100
 69 30.1 24.6 36.8
 84 83.2 67.1 100.7



Abundance Ion 56.10 (55.80 to 56.80): VV0
 Ion 69.15 (68.85 to 69.85): VV0
 Ion 84.15 (83.85 to 84.85): VV0





#31

Carbon tetrachloride

Concen: 1.145 ug/L

RT: 4.64 min Scan# 1103

Delta R.T. -0.22 min

Lab File: VV016226.D

Acq: 27 May 2020 14:26

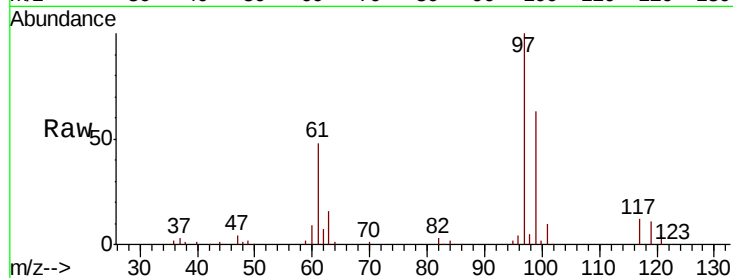
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:117 Resp: 10613

Ion Ratio Lower Upper

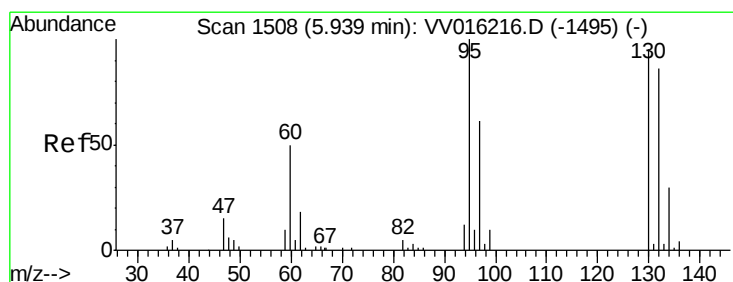
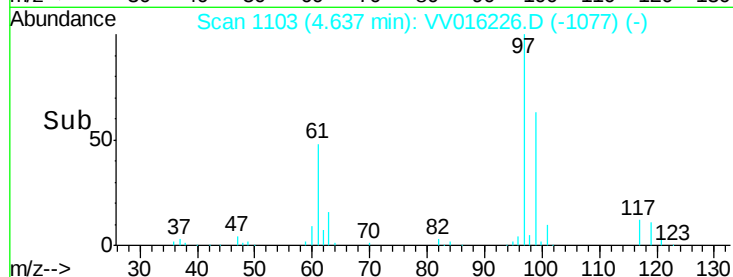
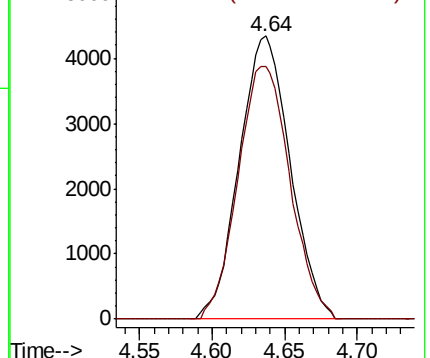
117 100

119 91.4 75.2 112.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#34

Trichloroethene

Concen: 5.015 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. -0.00 min

Lab File: VV016226.D

Acq: 27 May 2020 14:26

Tgt Ion: 95 Resp: 34652

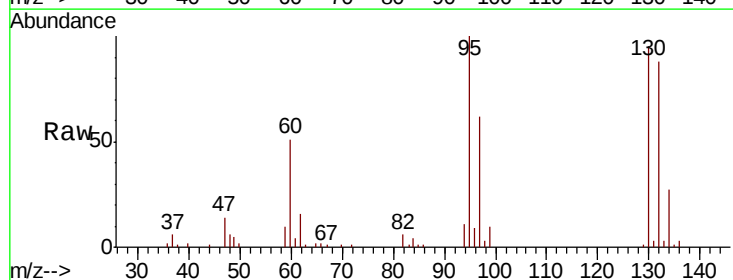
Ion Ratio Lower Upper

95 100

97 62.3 43.6 81.0

132 88.5 63.9 118.7

130 94.6 65.2 121.0

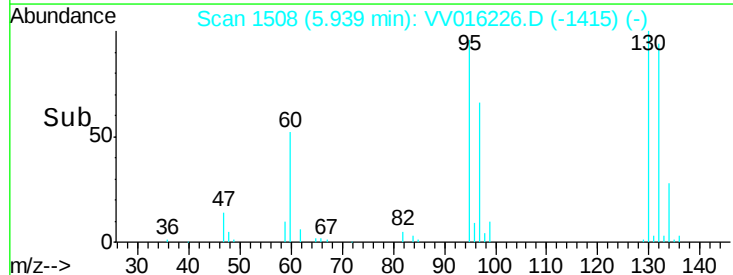
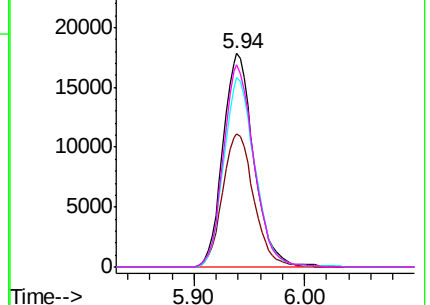


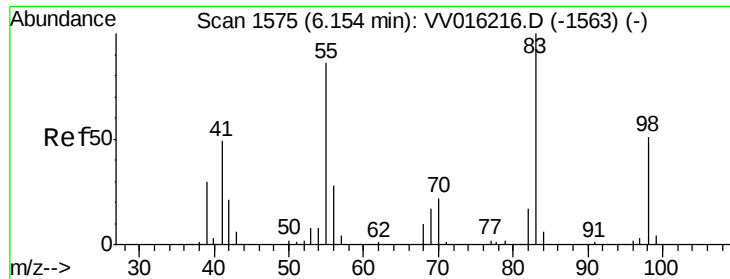
Abundance Ion 95.00 (94.70 to 95.70): VV0

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

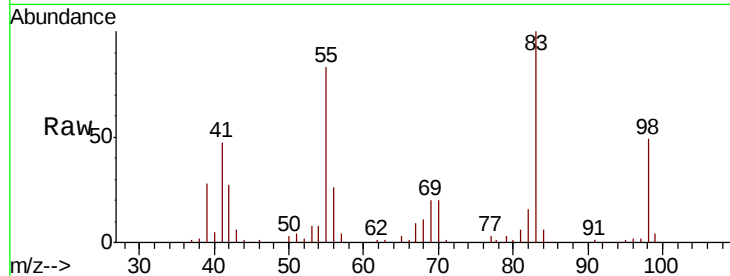




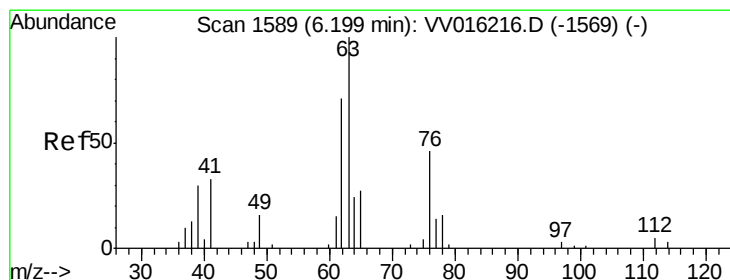
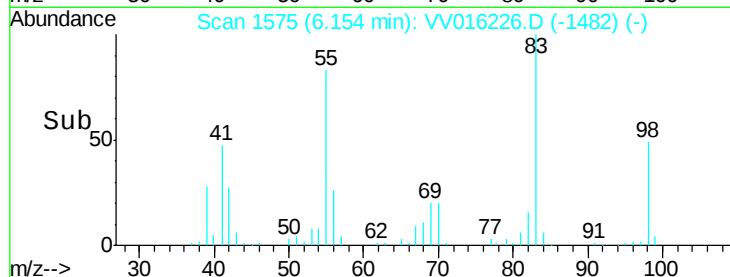
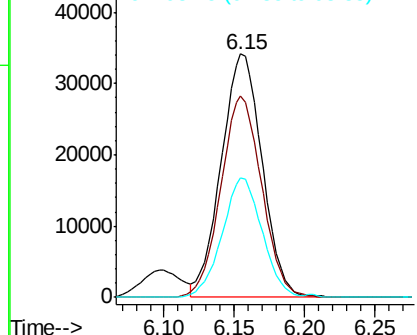
#35
Methvlcvclohexane
Concen: 5.934 ug/L
RT: 6.15 min Scan# 1575
Delta R.T. -0.00 min
Lab File: VV016226.D
Acq: 27 May 2020 14:26

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 83 Resp: 69153
Ion Ratio Lower Upper
83 100
55 82.5 65.4 98.0
98 48.0 39.3 58.9

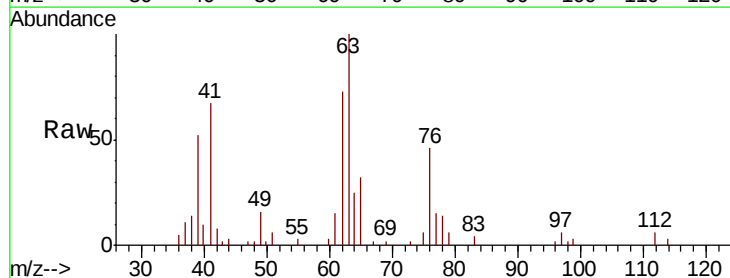


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

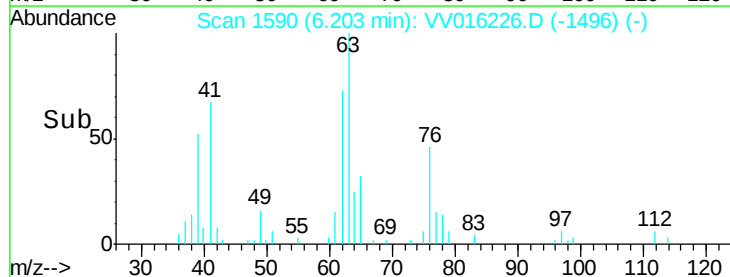
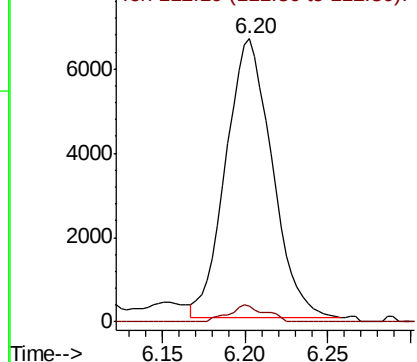


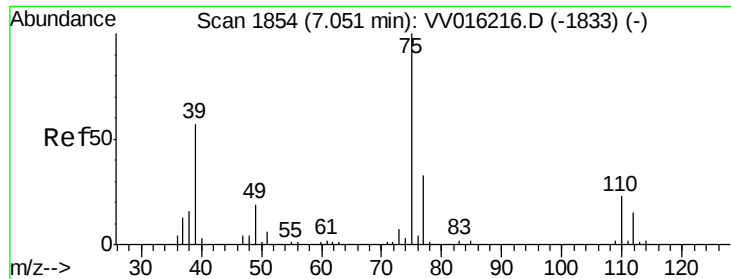
#37
1,2-Dichloropropane
Concen: 1.969 ug/L
RT: 6.20 min Scan# 1590
Delta R.T. 0.00 min
Lab File: VV016226.D
Acq: 27 May 2020 14:26

Tgt Ion: 63 Resp: 12808
Ion Ratio Lower Upper
63 100
112 4.7 3.1 4.7#



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

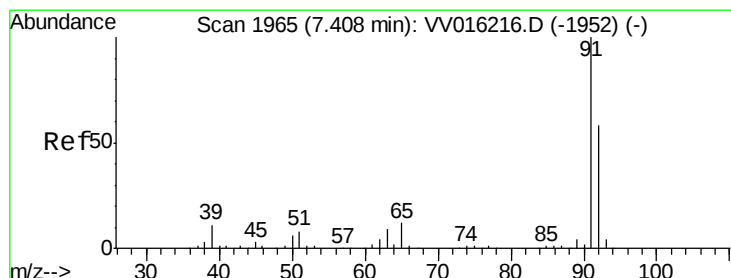
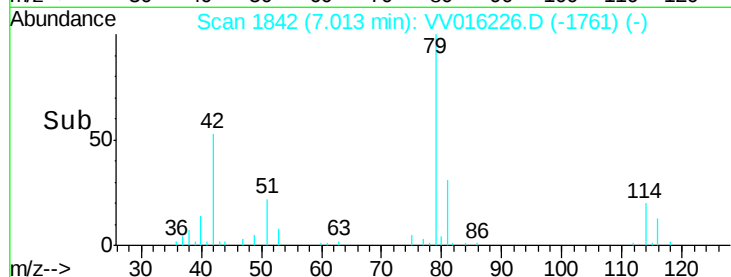
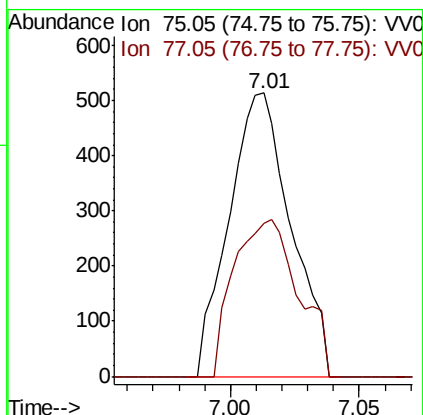
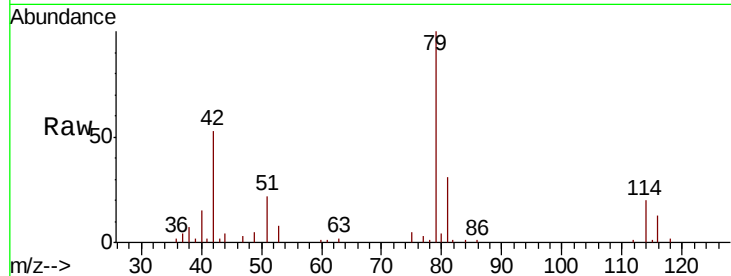




#39
 cis-1,3-Dichloropropene
 Concen: 0.094 ug/L
 RT: 7.01 min Scan# 1842
 Delta R.T. -0.04 min
 Lab File: VV016226.D
 Acq: 27 May 2020 14:26

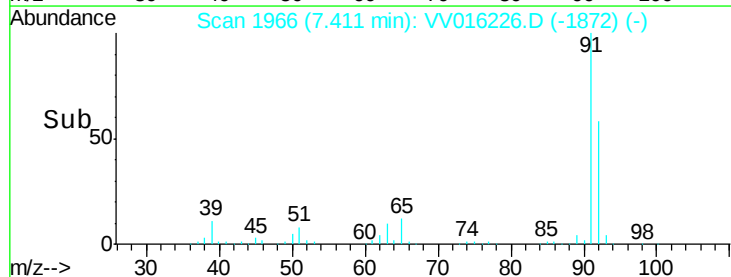
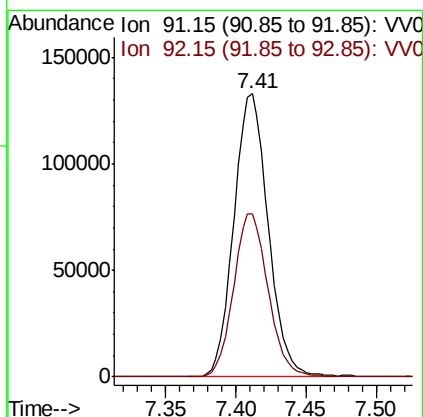
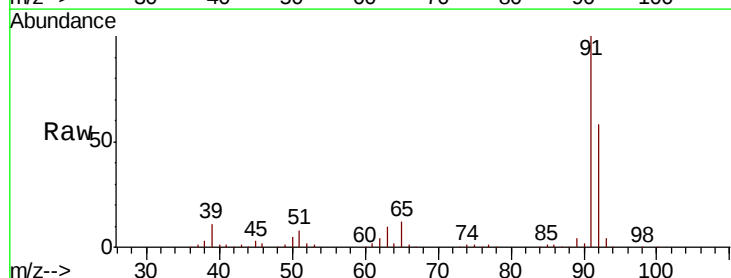
Instrument :
 MSVOA_V
 ClientSampleId :

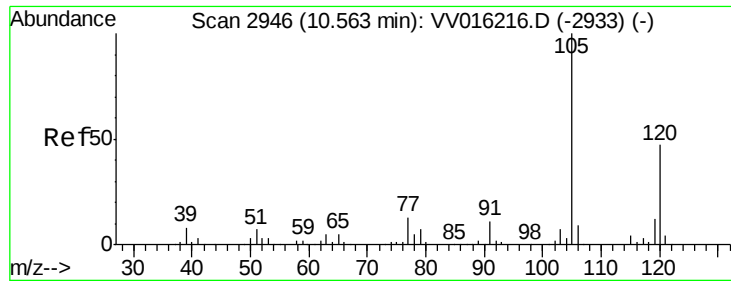
Tot Ion: 75 Resp: 863
 Ion Ratio Lower Upper
 75 100
 77 54.2 21.7 40.3#



#42
 Toluene
 Concen: 7.854 ug/L
 RT: 7.41 min Scan# 1966
 Delta R.T. 0.00 min
 Lab File: VV016226.D
 Acq: 27 May 2020 14:26

Tgt Ion: 91 Resp: 227188
 Ion Ratio Lower Upper
 91 100
 92 57.7 40.9 76.0

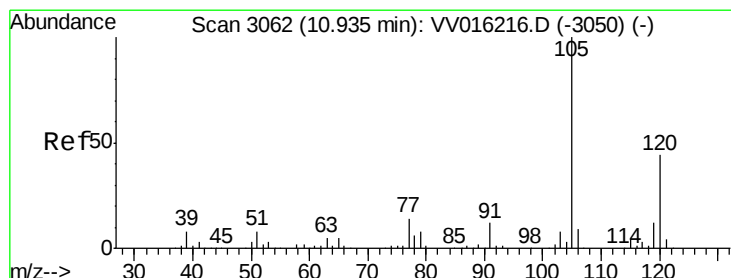
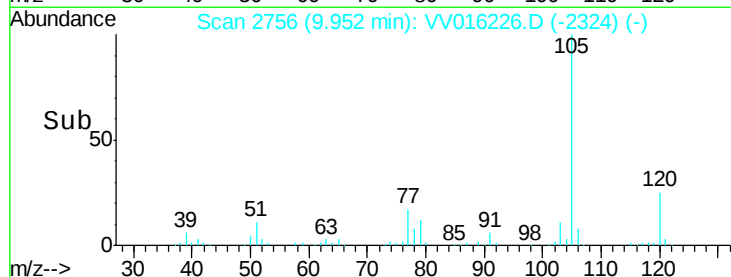
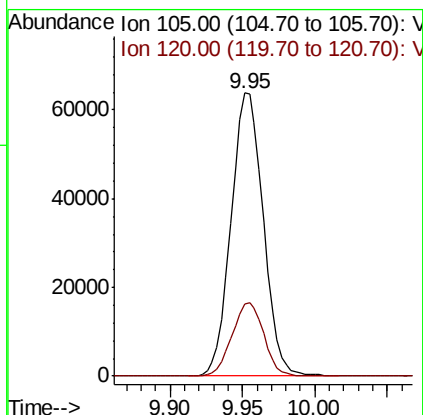
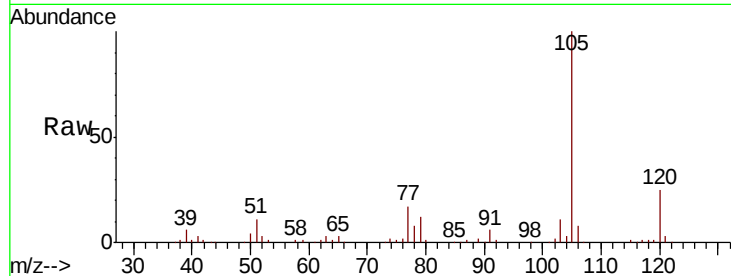




#43
 1,3,5-Trimethylbenzene
 Concen: 3.735 ug/L
 RT: 9.95 min Scan# 2756
 Delta R.T. -0.61 min
 Lab File: VV016226.D
 Acq: 27 May 2020 14:26

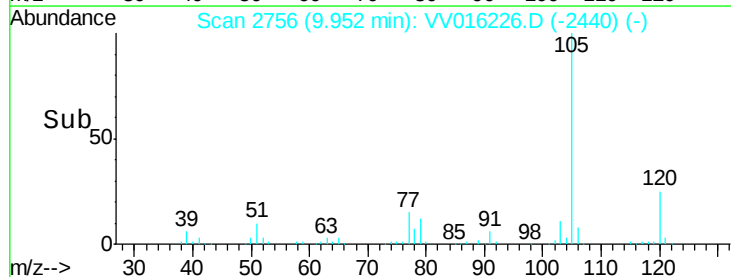
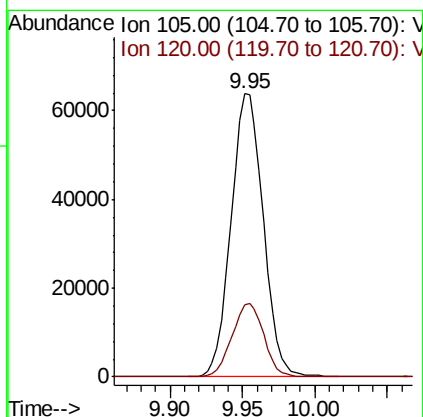
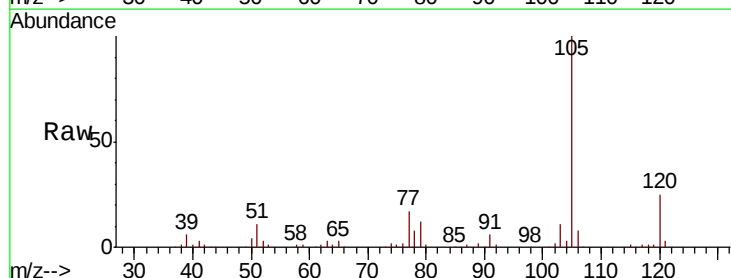
Instrument :
 MSVOA_V
 ClientSampleId :

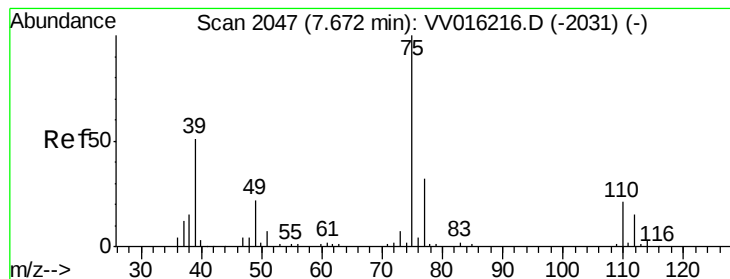
Tot Ion:105 Resp: 98345
 Ion Ratio Lower Upper
 105 100
 120 25.5 37.4 56.0#



#44
 1,2,4-Trimethylbenzene
 Concen: 3.626 ug/L
 RT: 9.95 min Scan# 2756
 Delta R.T. -0.98 min
 Lab File: VV016226.D
 Acq: 27 May 2020 14:26

Tgt Ion:105 Resp: 98345
 Ion Ratio Lower Upper
 105 100
 120 25.5 34.6 52.0#





#46

trans-1,3-Dichloropropene

Concen: 0.082 ug/L

RT: 7.65 min Scan# 2039

Delta R.T. -0.03 min

Lab File: VV016226.D

Acq: 27 May 2020 14:26

Instrument :

MSVOA_V

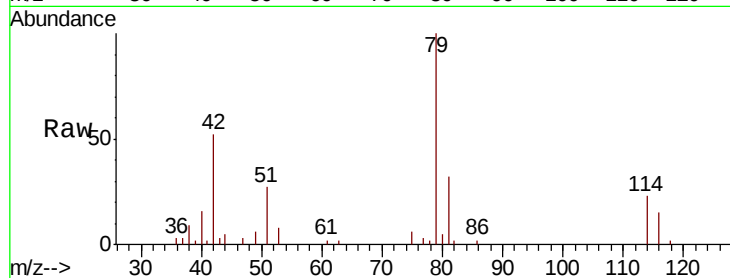
ClientSampleId :

Tot Ion: 75 Resp: 626

Ion Ratio Lower Upper

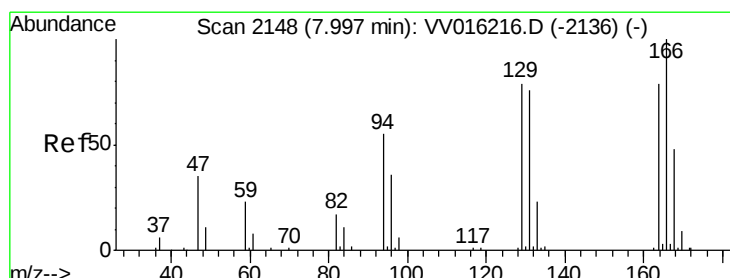
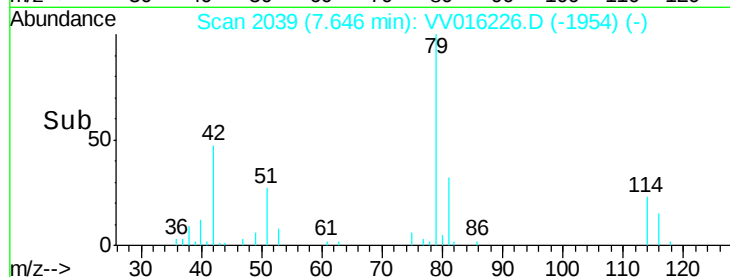
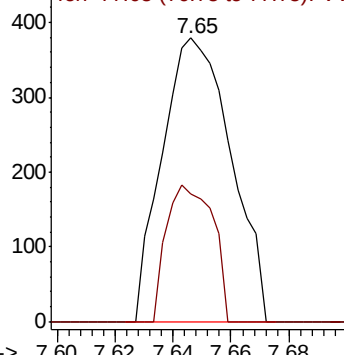
75 100

77 45.1 21.7 40.3#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#49

Tetrachloroethene

Concen: 8.067 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VV016226.D

Acq: 27 May 2020 14:26

Tgt Ion: 164 Resp: 40016

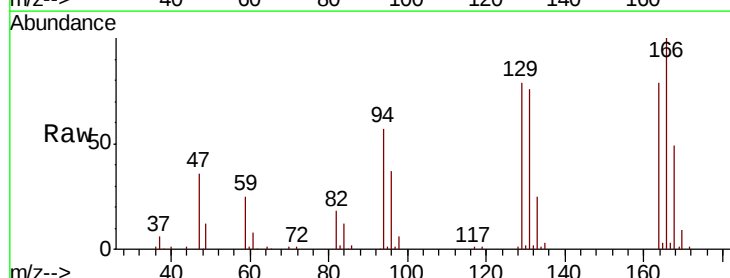
Ion Ratio Lower Upper

164 100

129 99.4 70.7 131.3

131 95.8 66.6 123.8

166 125.9 86.9 161.5

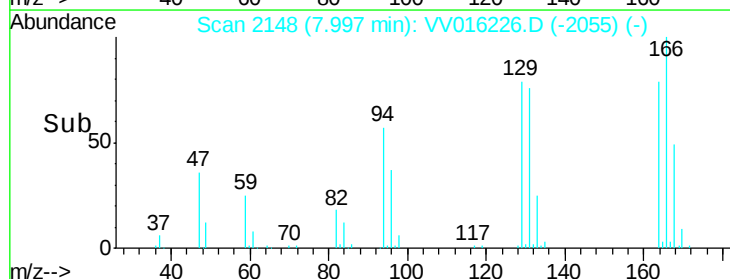
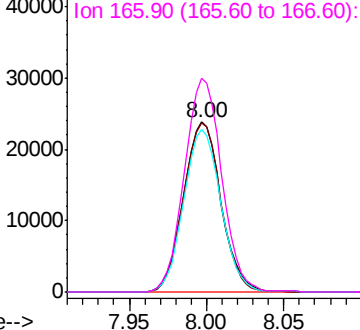


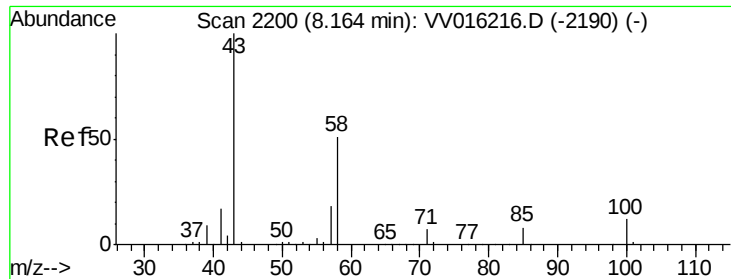
Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

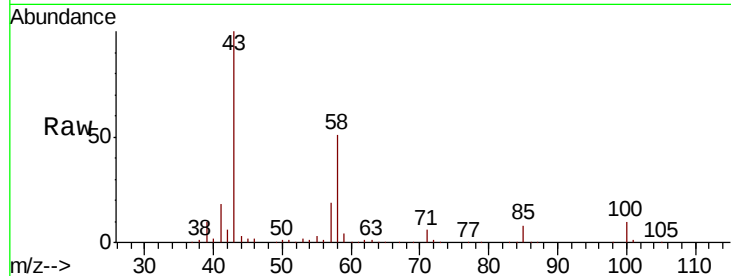




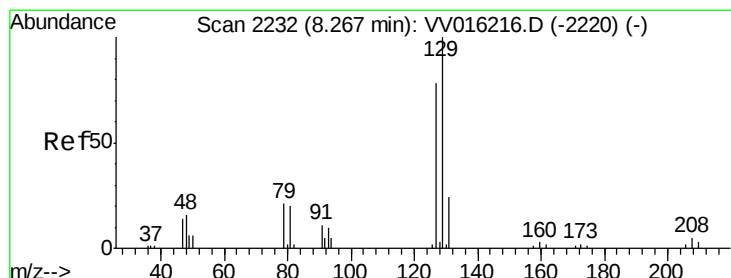
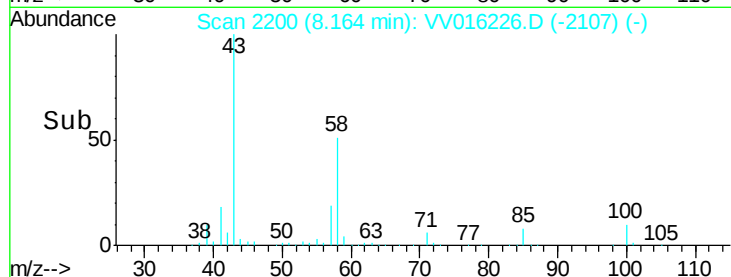
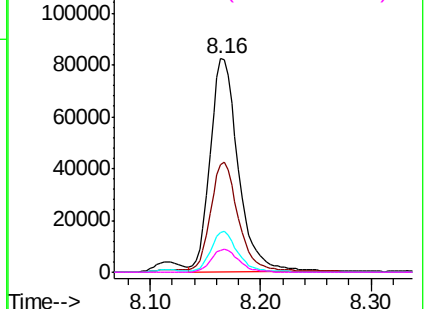
#50
2-Hexanone
Concen: 51.262 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. -0.00 min
Lab File: VV016226.D
Acq: 27 May 2020 14:26

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 144691
Ion Ratio Lower Upper
43 100
58 51.3 41.4 62.0
57 18.2 15.0 22.4
100 10.7 9.0 13.4

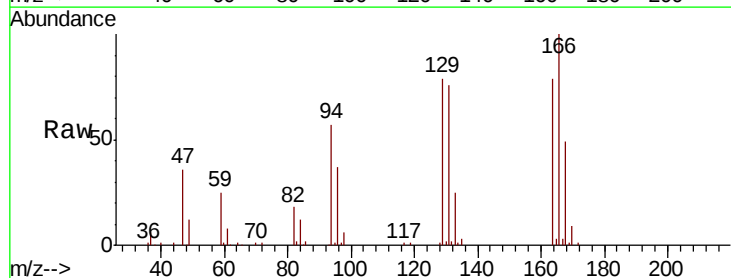


Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0
Ion 57.20 (56.90 to 57.90): VV0
Ion 100.15 (99.85 to 100.85): VV0

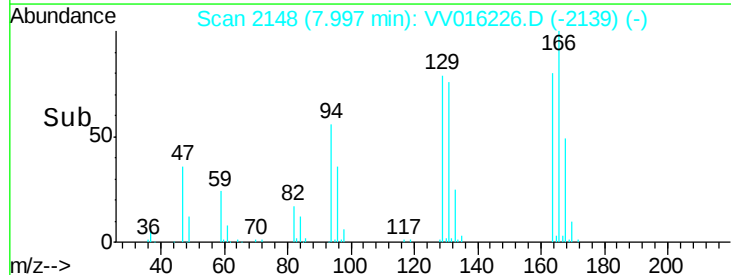
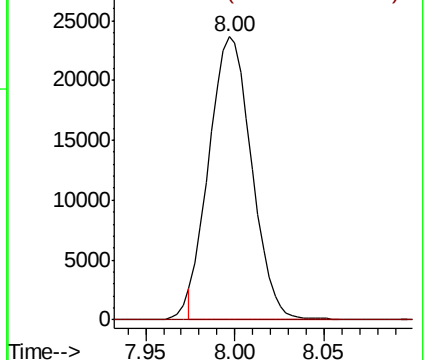


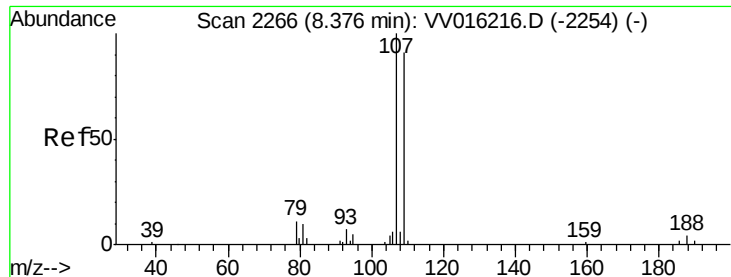
#51
Dibromochloromethane
Concen: 8.595 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.27 min
Lab File: VV016226.D
Acq: 27 May 2020 14:26

Tgt Ion: 129 Resp: 38952
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





#52

1,2-Dibromoethane

Concen: 14.824 ug/L

RT: 8.38 min Scan# 2266

Delta R.T. -0.00 min

Lab File: VV016226.D

Acq: 27 May 2020 14:26

Instrument :
MSVOA_V
ClientSampleId :

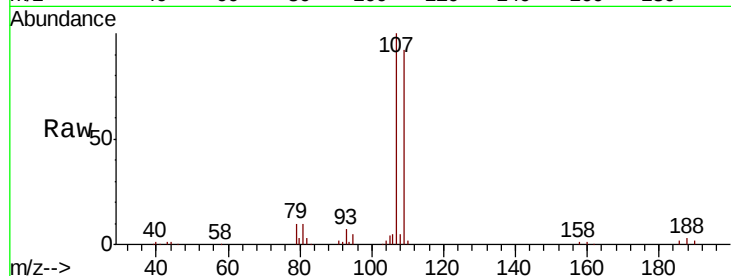
Tot Ion:107 Resp: 59596

Ion Ratio Lower Upper

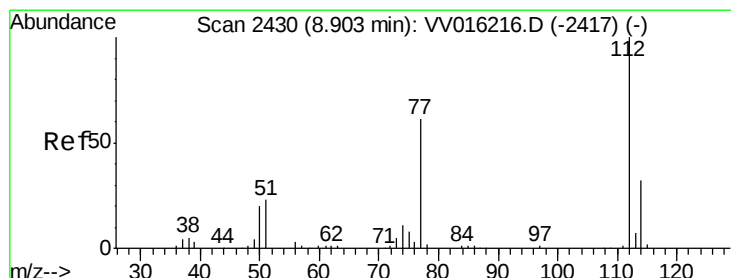
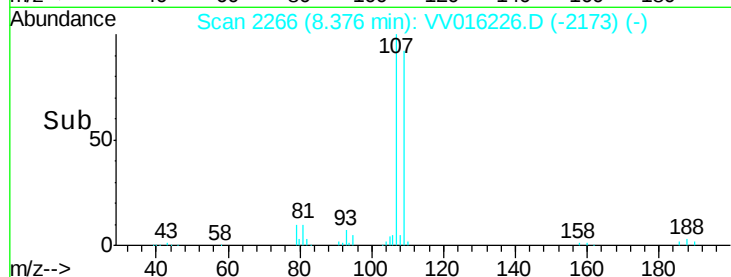
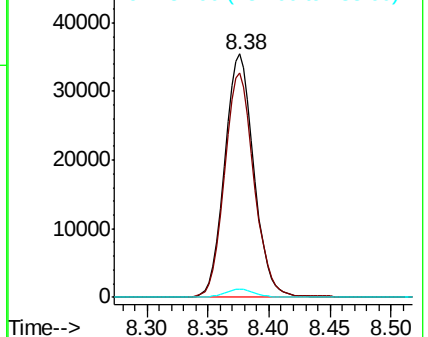
107 100

109 92.0 63.1 117.3

188 3.2 2.6 4.0



Abundance Ion 106.95 (106.65 to 107.65): V
Ion 109.00 (108.70 to 109.70): V
Ion 187.90 (187.60 to 188.60): V



#53

Chlorobenzene

Concen: 10.123 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VV016226.D

Acq: 27 May 2020 14:26

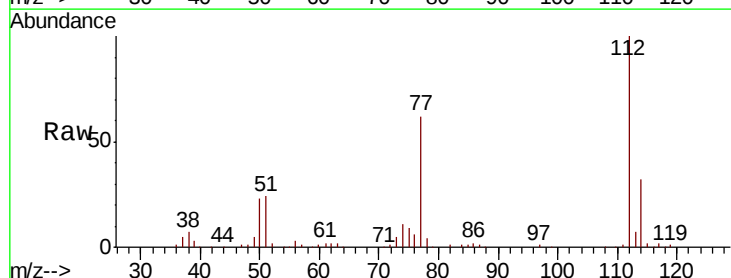
Tgt Ion:112 Resp: 180941

Ion Ratio Lower Upper

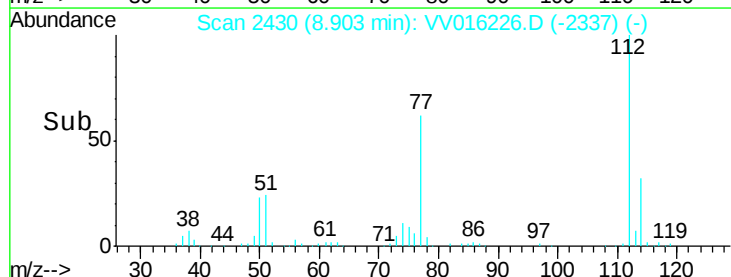
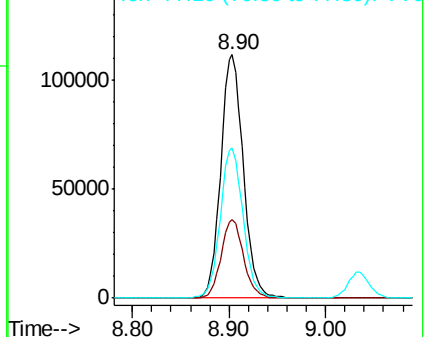
112 100

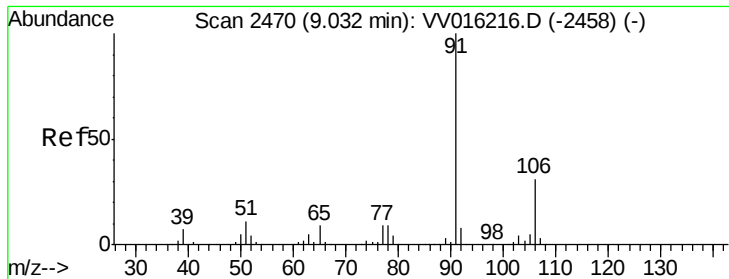
114 32.2 22.3 41.3

77 61.7 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): V





#54

Ethylbenzene

Concen: 6.151 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV016226.D

Acq: 27 May 2020 14:26

Instrument :

MSVOA_V

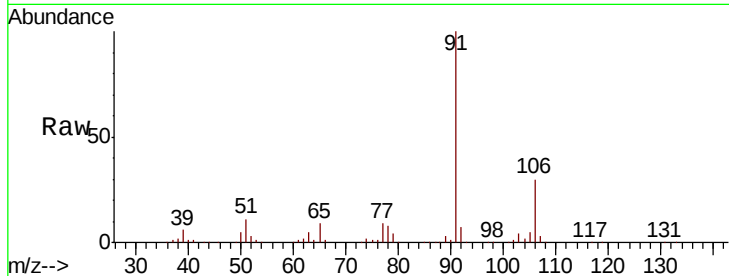
ClientSampled :

Tot Ion: 91 Resp: 198318

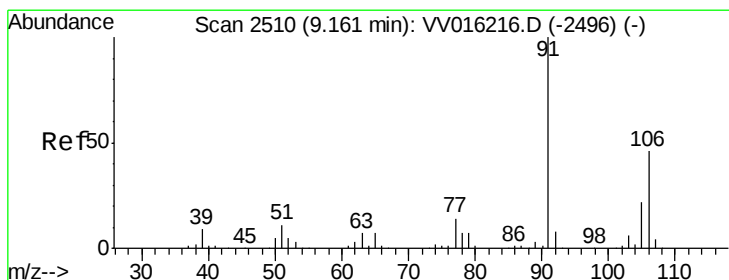
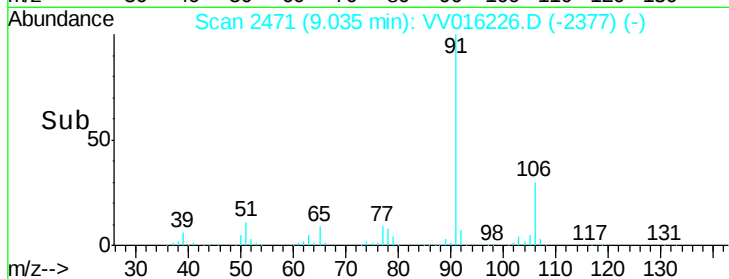
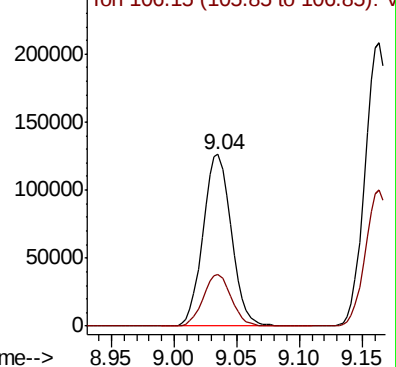
Ion Ratio Lower Upper

91 100

106 30.1 21.0 39.0



Abundance Ion 91.15 (90.85 to 91.85): VV016226.D (-2471) (-)



#55

m,p-xylene

Concen: 12.580 ug/L

RT: 9.16 min Scan# 2511

Delta R.T. 0.00 min

Lab File: VV016226.D

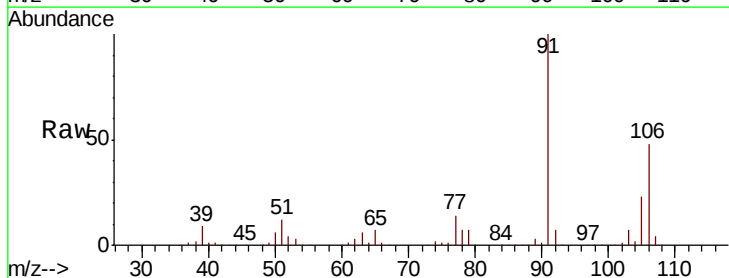
Acq: 27 May 2020 14:26

Tgt Ion: 106 Resp: 152093

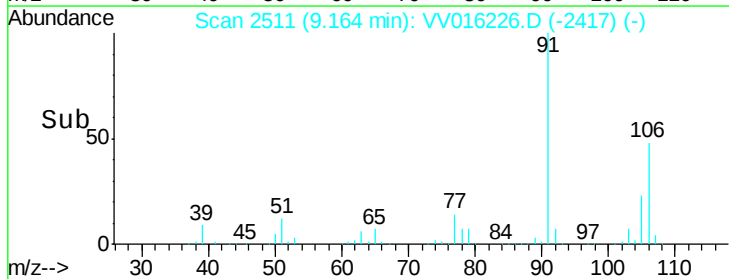
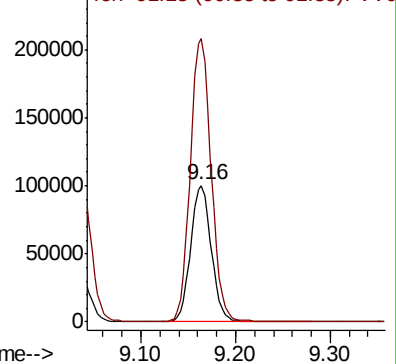
Ion Ratio Lower Upper

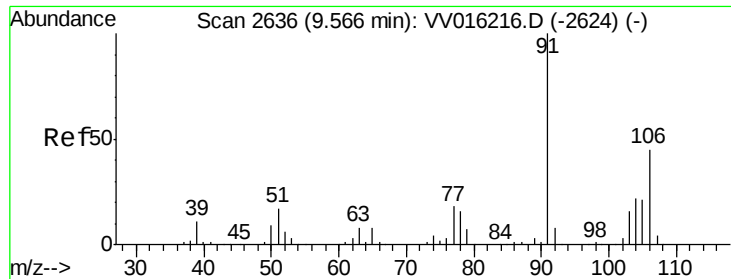
106 100

91 207.2 148.1 275.0



Abundance Ion 106.15 (105.85 to 106.85): VV016226.D (-2511) (-)

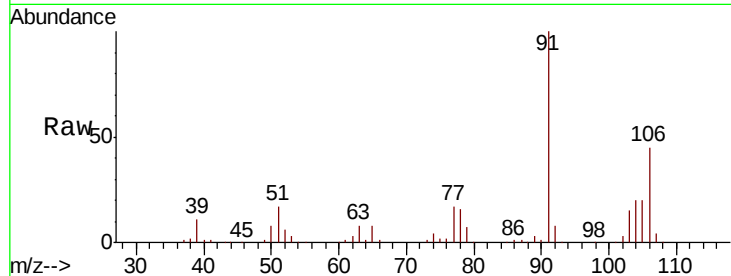




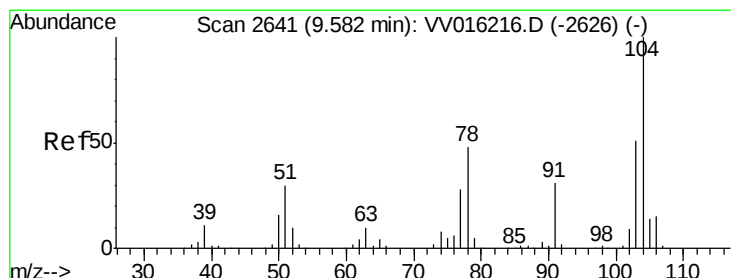
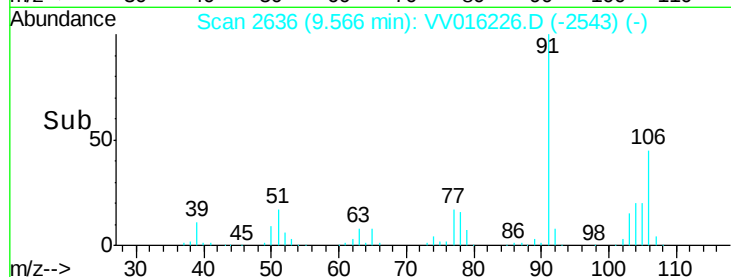
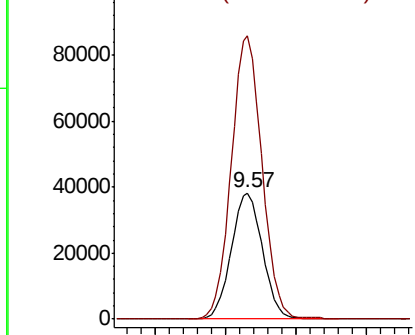
#56
o-xylene
Concen: 5.150 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. -0.00 min
Lab File: VV016226.D
Acq: 27 May 2020 14:26

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:106 Resp: 59332
Ion Ratio Lower Upper
106 100
91 224.2 158.8 294.8

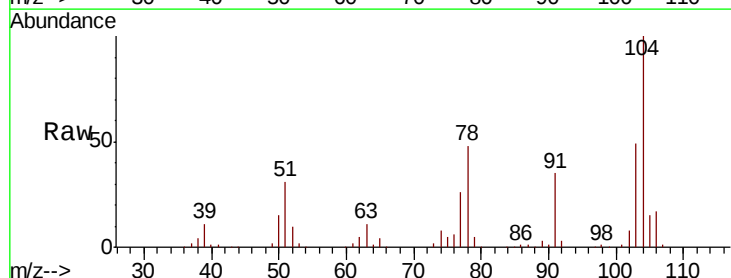


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VV0

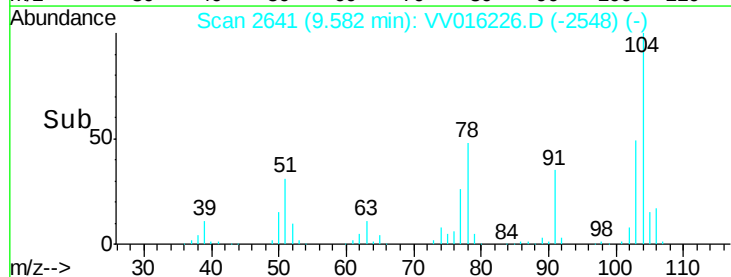
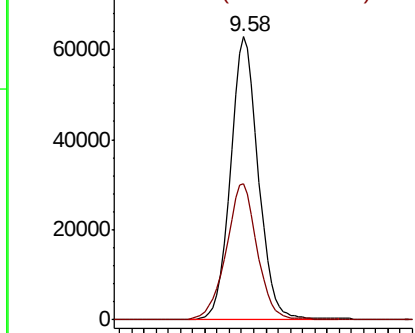


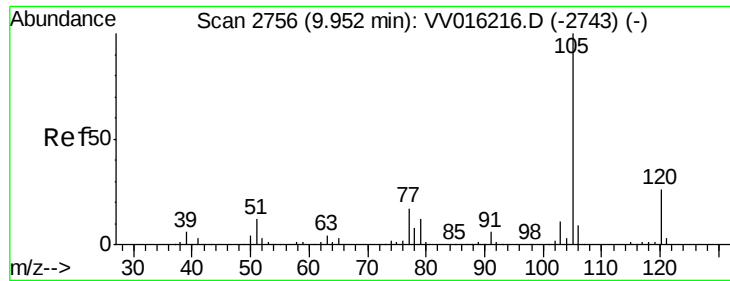
#57
Styrene
Concen: 5.208 ug/L
RT: 9.58 min Scan# 2641
Delta R.T. -0.00 min
Lab File: VV016226.D
Acq: 27 May 2020 14:26

Tgt Ion:104 Resp: 99849
Ion Ratio Lower Upper
104 100
78 48.3 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: 3.116 ug/L

RT: 9.95 min Scan# 2756

Delta R.T. -0.00 min

Lab File: VV016226.D

Acq: 27 May 2020 14:26

Instrument :
MSVOA_V
ClientSampleId :

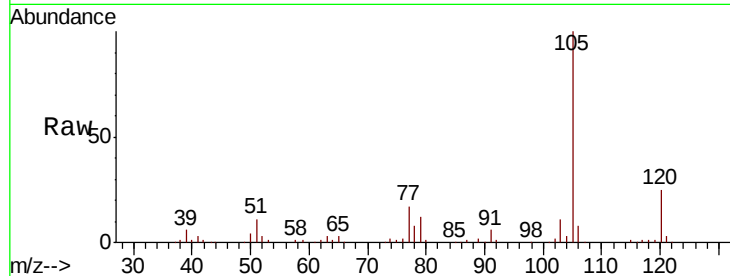
Tot Ion:105 Resp: 98345

Ion Ratio Lower Upper

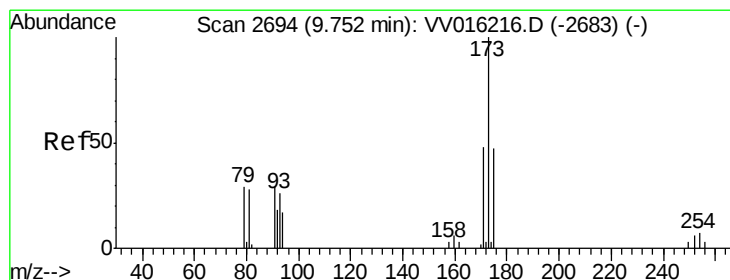
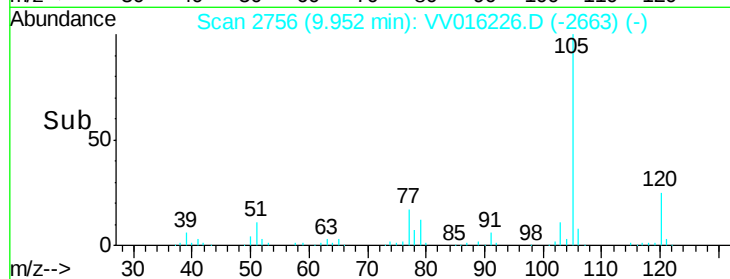
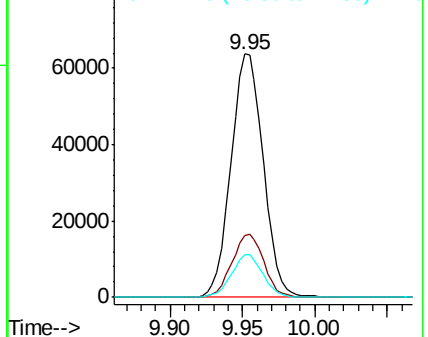
105 100

120 25.5 20.9 31.3

77 17.1 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



#62

Bromoform

Concen: 5.616 ug/L

RT: 9.75 min Scan# 2694

Delta R.T. -0.00 min

Lab File: VV016226.D

Acq: 27 May 2020 14:26

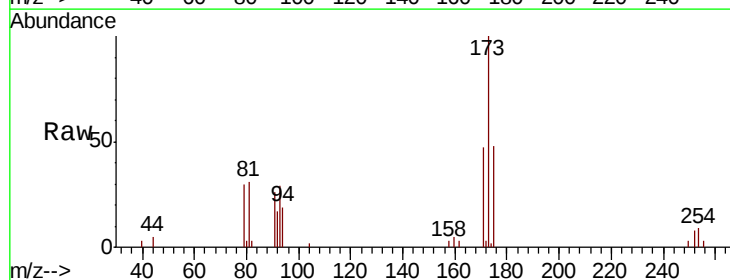
Tgt Ion:173 Resp: 10375

Ion Ratio Lower Upper

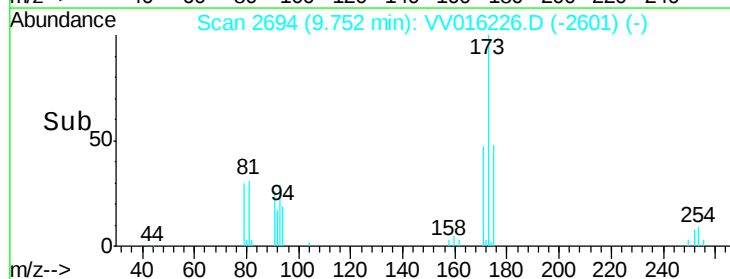
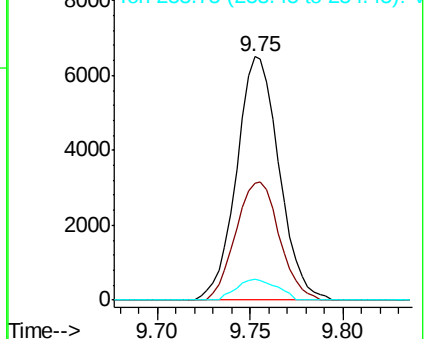
173 100

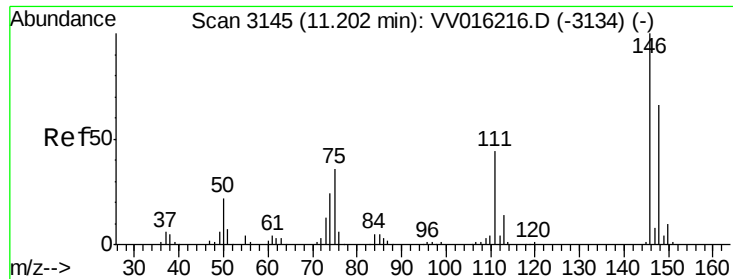
175 49.7 38.6 58.0

254 8.1 6.6 9.8



Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

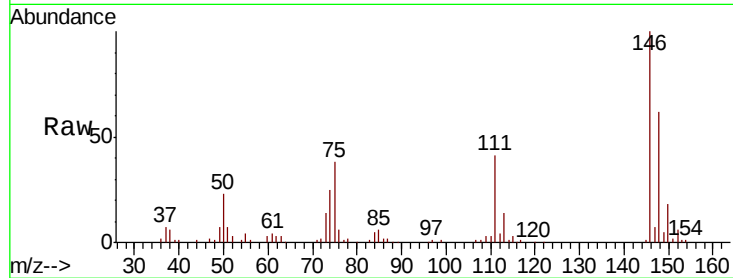




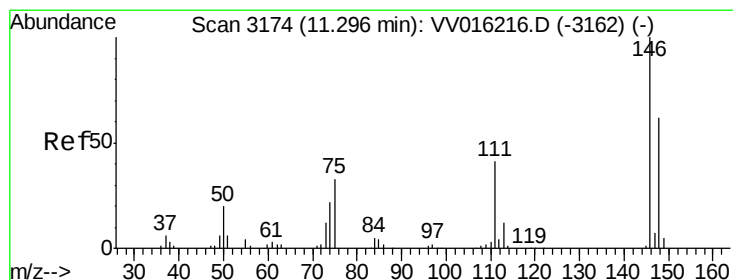
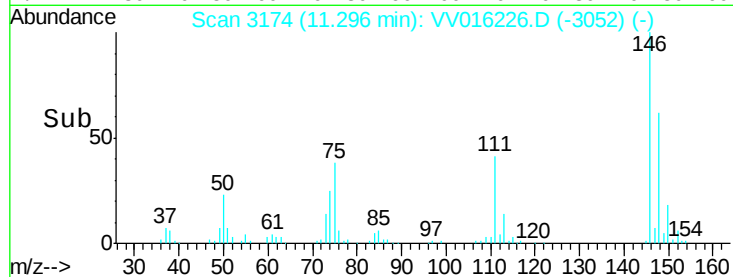
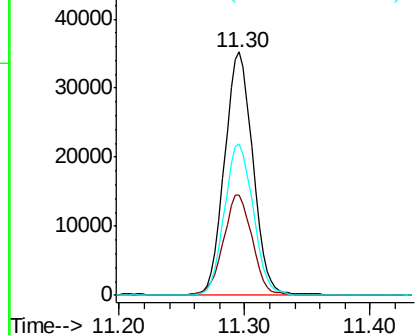
#63
 1,3-Dichlorobenzene
 Concen: 4.216 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.09 min
 Lab File: VV016226.D
 Acq: 27 May 2020 14:26

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:146 Resp: 55273
 Ion Ratio Lower Upper
 146 100
 111 41.3 29.7 55.1
 148 62.2 45.9 85.3

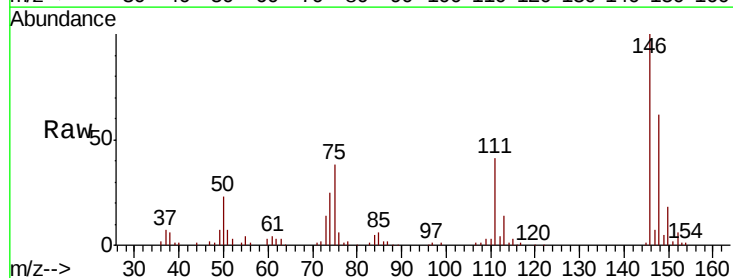


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

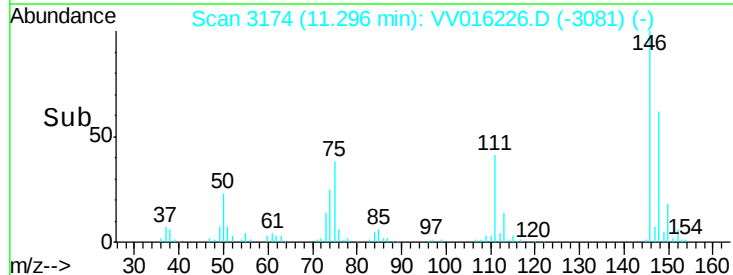
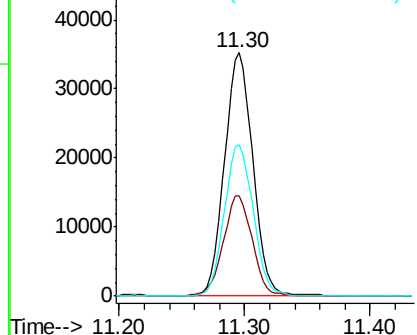


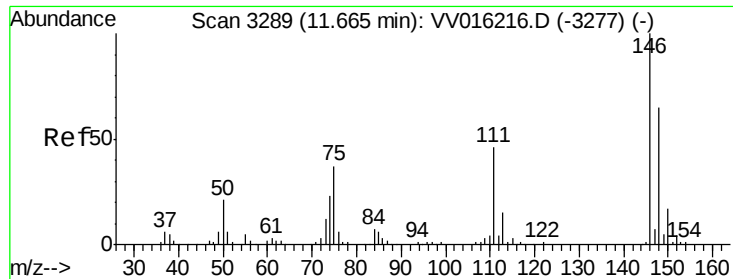
#64
 1,4-Dichlorobenzene
 Concen: 4.149 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. -0.00 min
 Lab File: VV016226.D
 Acq: 27 May 2020 14:26

Tgt Ion:146 Resp: 55273
 Ion Ratio Lower Upper
 146 100
 111 41.3 28.3 52.7
 148 62.2 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

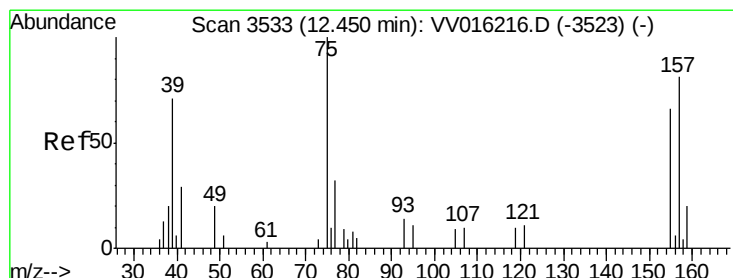
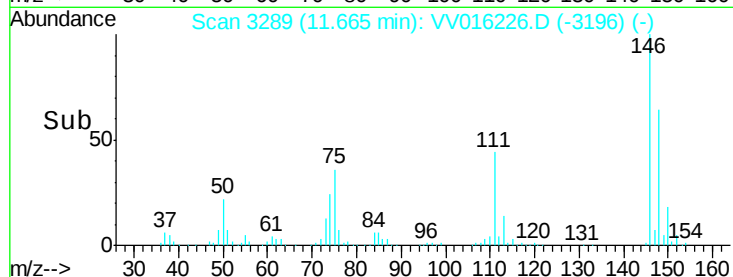
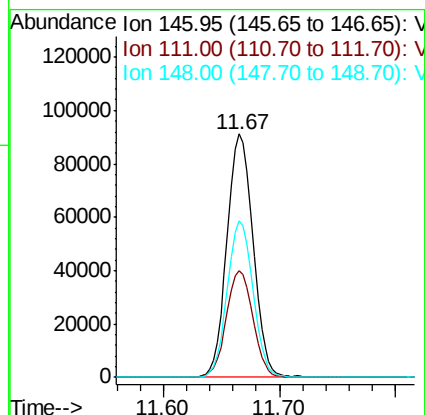
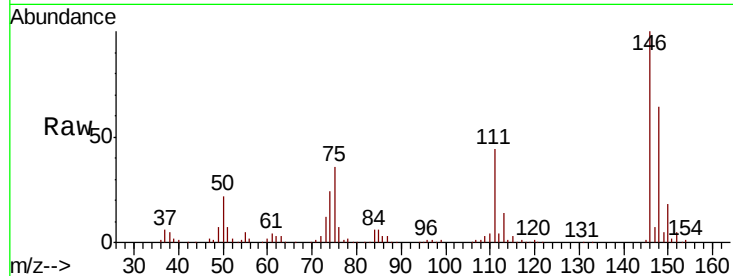




#66
 1,2-Dichlorobenzene
 Concen: 11.984 ug/L
 RT: 11.67 min Scan# 3289
 Delta R.T. -0.00 min
 Lab File: VV016226.D
 Acq: 27 May 2020 14:26

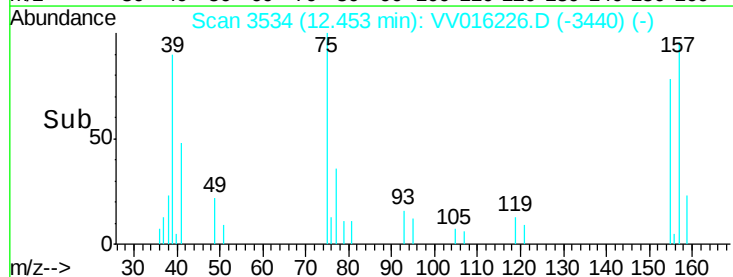
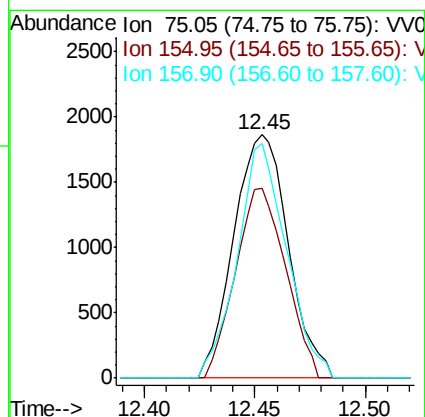
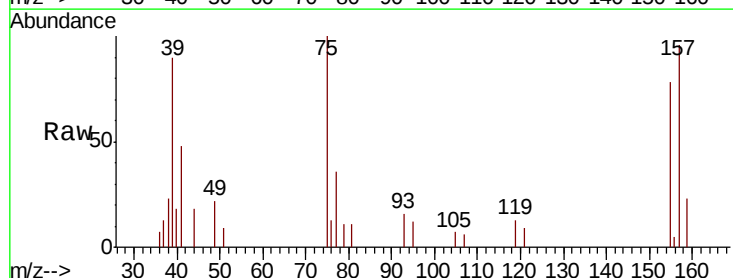
Instrument :
 MSVOA_V
 ClientSampleId :

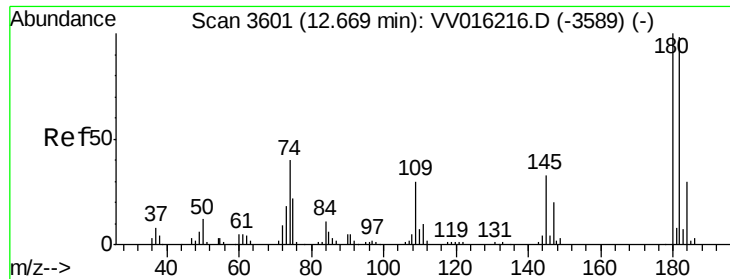
Tot Ion:146 Resp: 142006
 Ion Ratio Lower Upper
 146 100
 111 43.8 35.7 53.5
 148 64.2 51.3 76.9



#67
 1,2-Dibromo-3-chloropropane
 Concen: 3.999 ug/L
 RT: 12.45 min Scan# 3534
 Delta R.T. 0.00 min
 Lab File: VV016226.D
 Acq: 27 May 2020 14:26

Tgt Ion: 75 Resp: 3201
 Ion Ratio Lower Upper
 75 100
 155 78.2 56.2 84.4
 157 96.4 71.9 107.9

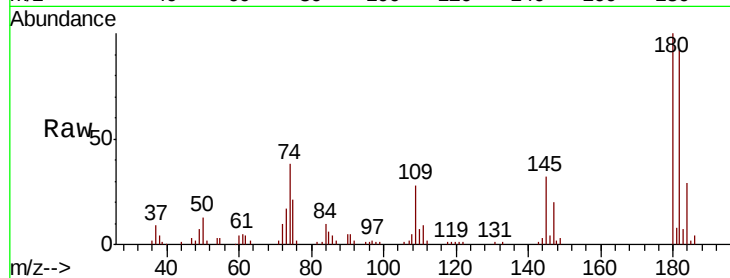




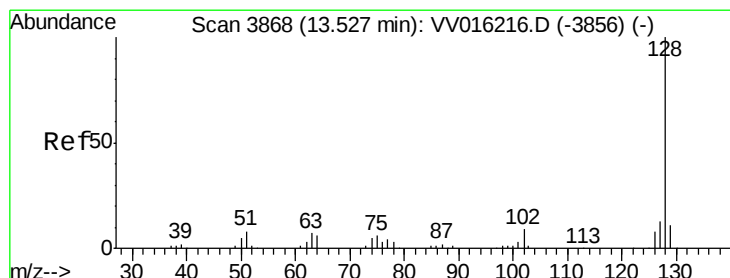
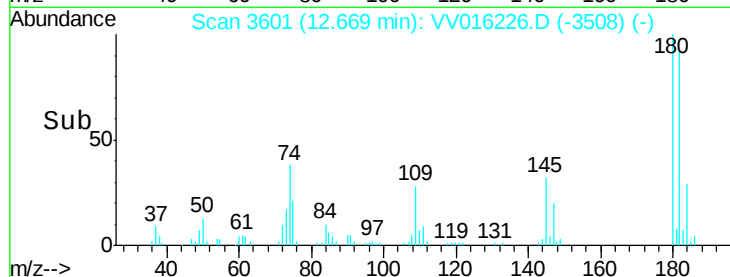
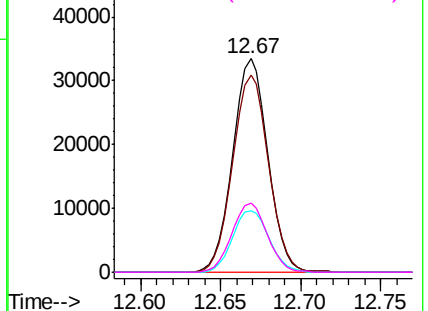
#68
 1,3,5-Trichlorobenzene
 Concen: 5.363 ug/L
 RT: 12.67 min Scan# 3601
 Delta R.T. -0.00 min
 Lab File: VV016226.D
 Acq: 27 May 2020 14:26

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion:180 Resp: 49757
 Ion Ratio Lower Upper
 180 100
 182 94.5 77.1 115.7
 184 29.7 25.0 37.4
 145 32.6 26.3 39.5

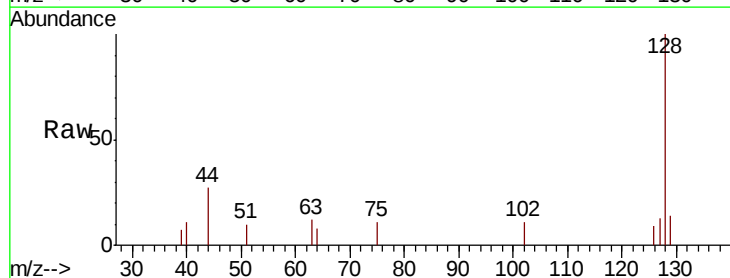


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

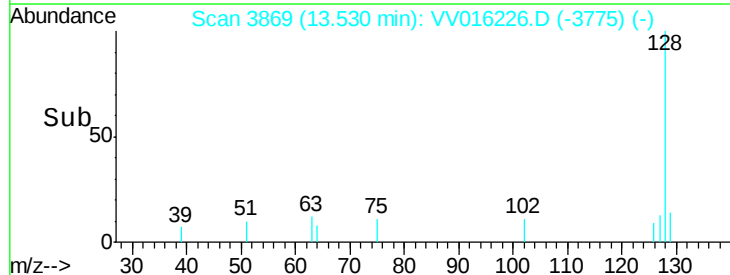
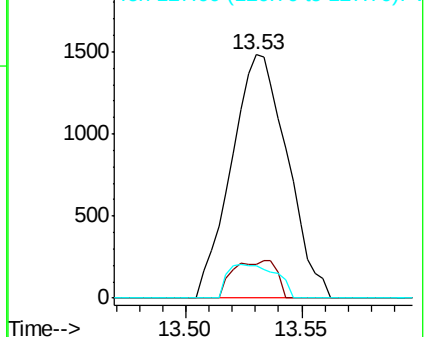


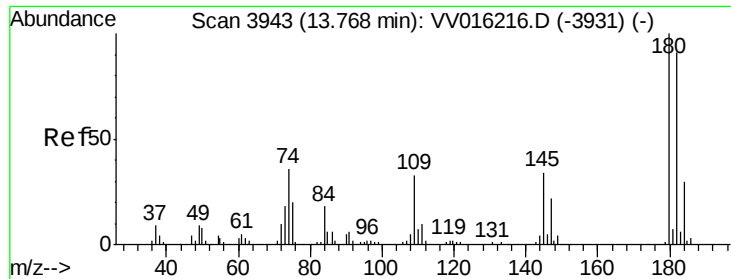
#70
 Naphthalene
 Concen: 0.139 ug/L
 RT: 13.53 min Scan# 3869
 Delta R.T. 0.00 min
 Lab File: VV016226.D
 Acq: 27 May 2020 14:26

Tgt Ion:128 Resp: 2479
 Ion Ratio Lower Upper
 128 100
 129 11.9 8.6 13.0
 127 11.8 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V





#71

1,2,3-Trichlorobenzene

Concen: 9.975 ug/L

RT: 13.77 min Scan# 3943

Delta R.T. -0.00 min

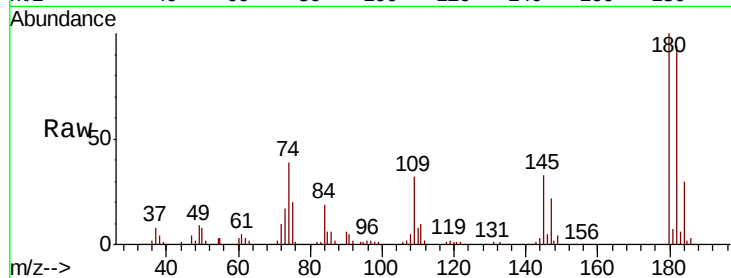
Lab File: VV016226.D

Acq: 27 May 2020 14:26

Instrument :

MSVOA_V

ClientSampleId :



Tot Ion:180 Resp: 73292

Ion Ratio Lower Upper

180 100

182 92.1 77.1 115.7

145 33.9 28.6 42.8

