

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052720\
 Data File : VV016252.D
 Acq On : 28 May 2020 01:23
 Operator : SY/MD
 Sample : L2766-09
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 28 06:36:05 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	99419	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	96773	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	50599	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	26215	4.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.20%
7) Chloroethane-d5	1.58	69	25236	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.00%
11) 1,1-Dichloroethene-d2	2.12	63	39283	3.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.60%
20) 2-Butanone-d5	3.98	46	67081	42.35	ug/L	0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.70%
24) Chloroform-d	4.38	84	55345	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
26) 1,2-Dichloroethane-d4	5.07	65	32147	4.78	ug/L	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
32) Benzene-d6	5.08	84	113664	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.10	67	33564	4.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.60%
41) Toluene-d8	7.35	98	105976	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
45) trans-1,3-Dichloropropene-	7.65	79	12199	4.41	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.20%
48) 2-Hexanone-d5	8.12	63	61829	48.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.54%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	27773	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	40777	4.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	806	0.092	ug/L	93
5) Vinyl chloride	1.32	62	232207	26.670	ug/L	99
8) Chloroethane	1.59	64	258297	53.097	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	9000	1.467	ug/L	99
12) 1,1-Dichloroethene	2.13	96	4321	0.737	ug/L #	1
13) Acetone	2.25	43	62165	63.407	ug/L	72
14) Carbon disulfide	2.35	76	7774	0.428	ug/L	99
15) Methyl Acetate	2.54	43	204101	81.469	ug/L #	53
16) Methylene chloride	2.52	84	2247	0.334	ug/L #	47
17) Methyl tert-butyl Ether	2.80	73	1041	0.072	ug/L #	1
18) trans-1,2-Dichloroethene	2.78	96	2719	0.424	ug/L	89
19) 1,1-Dichloroethane	3.21	63	159748	13.105	ug/L	99
21) 2-Butanone	4.06	43	34813	19.961	ug/L	97
22) cis-1,2-Dichloroethene	3.94	96	1904153	250.888	ug/L	97
25) Chloroform	4.40	83	1840	0.143	ug/L	78
27) 1,2-Dichloroethane	5.14	62	381836	45.271	ug/L #	79
29) 1,1,1-Trichloroethane	4.63	97	11816	1.029	ug/L	96

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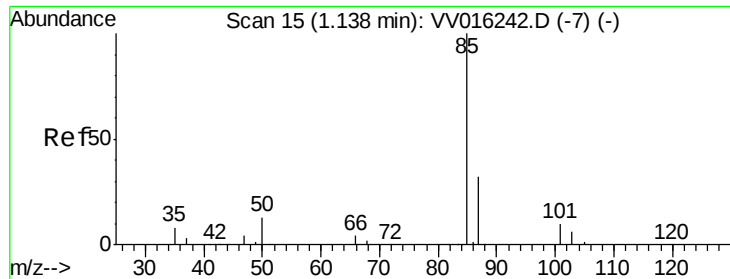
Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 28 06:36:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
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 Response via : Initial Calibration

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

30) Cyclohexane	4.69	56	67403	5.476	ug/L	98
31) Carbon tetrachloride	4.62	117	1505	0.155	ug/L	95
34) Trichloroethene	5.94	95	871	0.120	ug/L #	75
35) Methylcyclohexane	6.15	83	67227	5.494	ug/L	95
37) 1,2-Dichloropropane	6.21	63	890	0.130	ug/L #	1
38) Bromodichloromethane	6.58	83	435	0.052	ug/L #	26
39) cis-1,3-Dichloropropene	7.02	75	875	0.090	ug/L #	25
40) 4-Methyl-2-pentanone	7.29	43	83577	19.668	ug/L	97
43) 1,3,5-Trimethylbenzene	10.56	105	603660	21.834	ug/L	99
44) 1,2,4-Trimethylbenzene	10.94	105	2525342	88.684	ug/L	98
46) trans-1,3-Dichloropropene	7.45	75	504848	62.816	ug/L #	1
49) Tetrachloroethene	8.00	164	510	0.098	ug/L	88
51) Dibromochloromethane	8.00	129	565	0.119	ug/L #	10
53) Chlorobenzene	8.90	112	2097352	111.764	ug/L	99
54) Ethylbenzene	9.04	91	9235923	272.833	ug/L	95
55) m,p-xylene	9.17	106	6965916	548.772	ug/L	85
56) o-xylene	9.57	106	1917405	158.508	ug/L	95
57) Styrene	9.57	104	101722	5.053	ug/L #	1
58) Isopropylbenzene	9.96	105	1774076	53.540	ug/L	99
60) 1,1,2,2-Tetrachloroethane	10.29	83	1810	0.324	ug/L #	38
63) 1,3-Dichlorobenzene	11.20	146	21194	1.373	ug/L	96
64) 1,4-Dichlorobenzene	11.30	146	178265	11.361	ug/L	99
66) 1,2-Dichlorobenzene	11.67	146	210456	15.078	ug/L	99
67) 1,2-Dibromo-3-chloropropan	12.43	75	1109	1.176	ug/L #	9
68) 1,3,5-Trichlorobenzene	12.67	180	745	0.068	ug/L #	81
69) 1,2,4-trichlorobenzene	13.28	180	1061	0.111	ug/L #	30
70) Naphthalene	13.52	128	191273	9.124	ug/L	99

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



#2

Dichlorodifluoromethane

Concen: 0.092 ug/L

RT: 1.14 min Scan# 14

Delta R.T. -0.00 min

Lab File: VV016252.D

Acq: 28 May 2020 01:23

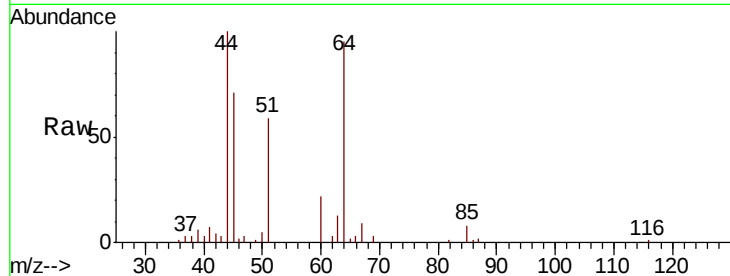
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 85 Resp: 806

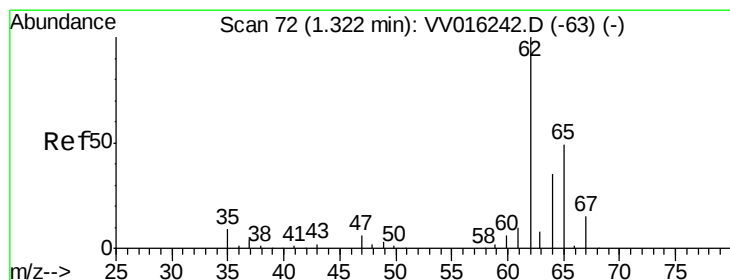
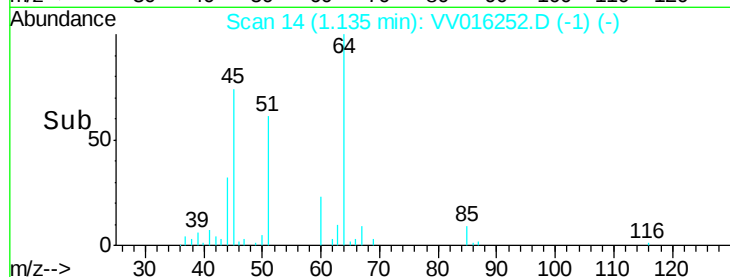
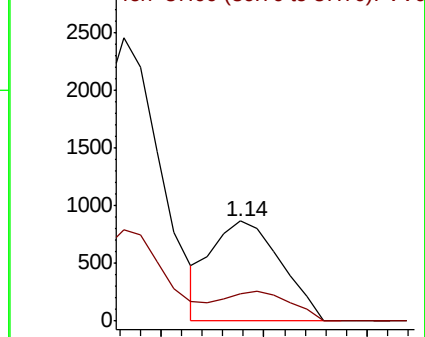
Ion Ratio Lower Upper

85 100

87 28.2 25.5 38.3



Abundance Ion 85.00 (84.70 to 85.70): VV0
Ion 87.00 (86.70 to 87.70): VV0



#5

Vinyl chloride

Concen: 26.670 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.01 min

Lab File: VV016252.D

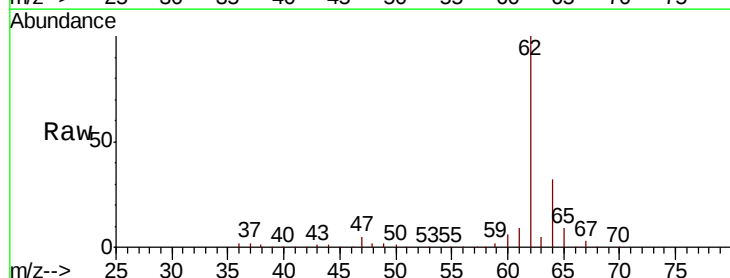
Acq: 28 May 2020 01:23

Tgt Ion: 62 Resp: 232207

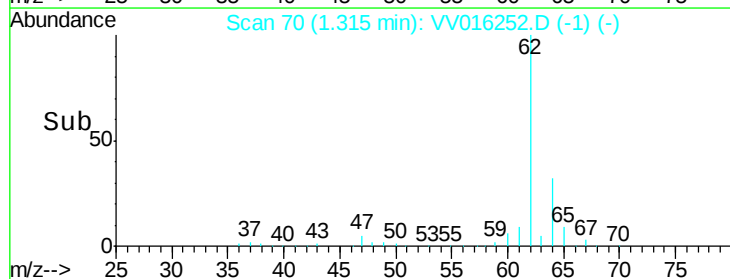
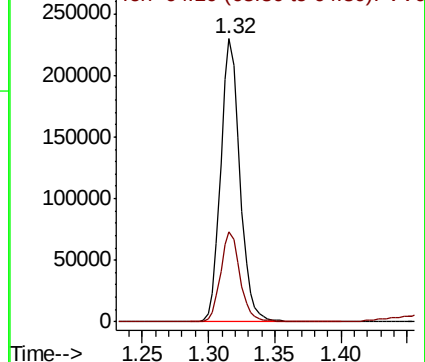
Ion Ratio Lower Upper

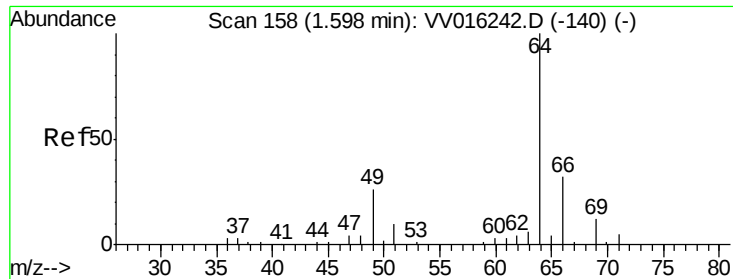
62 100

64 31.9 22.1 41.1



Abundance Ion 62.00 (61.70 to 62.70): VV0
Ion 64.10 (63.80 to 64.80): VV0

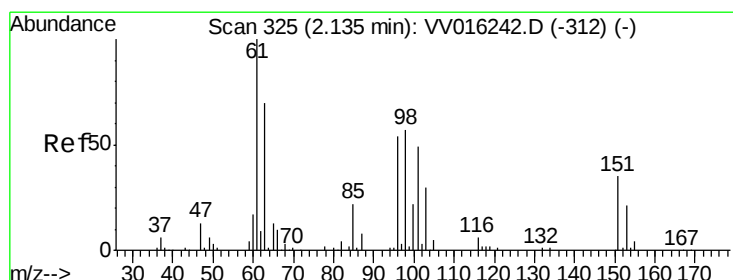
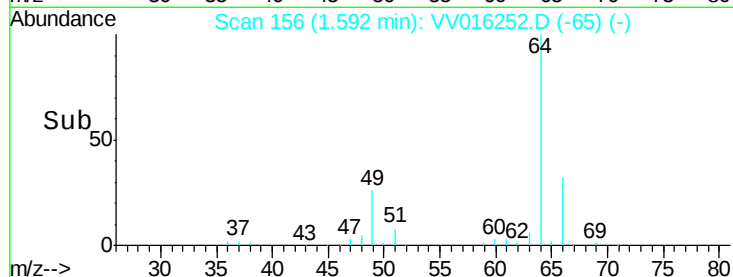
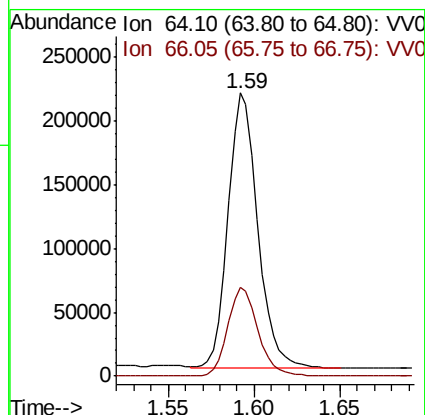
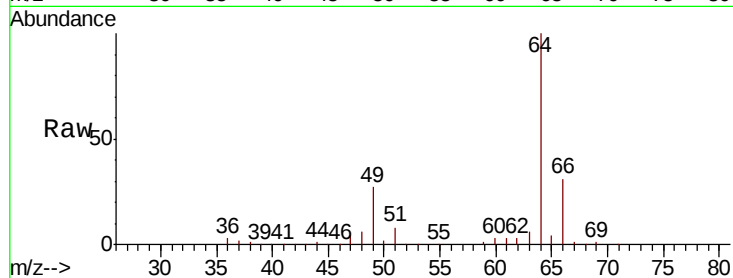




#8
 Chloroethane
 Concen: 53.097 ug/L
 RT: 1.59 min Scan# 156
 Delta R.T. -0.01 min
 Lab File: VV016252.D
 Acq: 28 May 2020 01:23

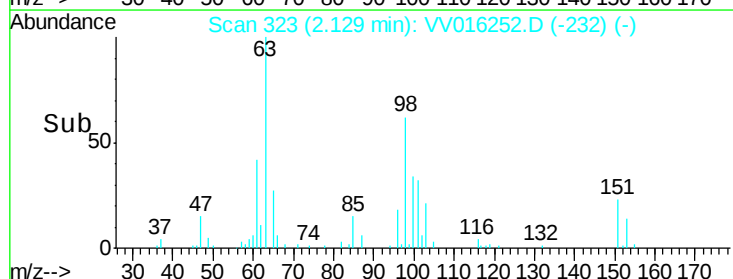
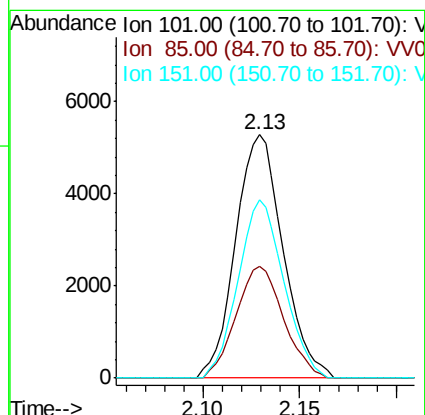
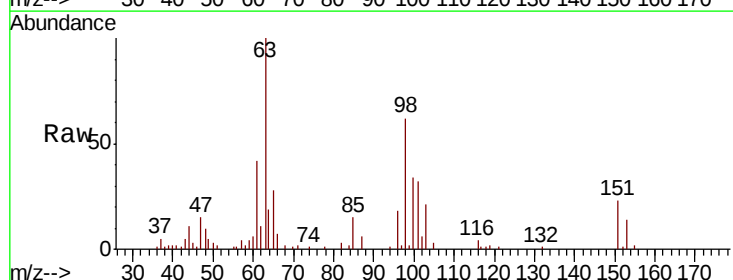
Instrument :
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 ClientSampleId :

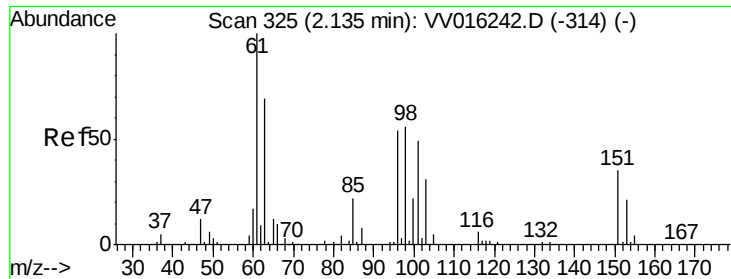
Tot Ion: 64 Resp: 258297
 Ion Ratio Lower Upper
 64 100
 66 31.4 22.9 42.5



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.467 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: VV016252.D
 Acq: 28 May 2020 01:23

Tgt Ion: 101 Resp: 9000
 Ion Ratio Lower Upper
 101 100
 85 46.1 35.0 52.6
 151 70.5 56.3 84.5

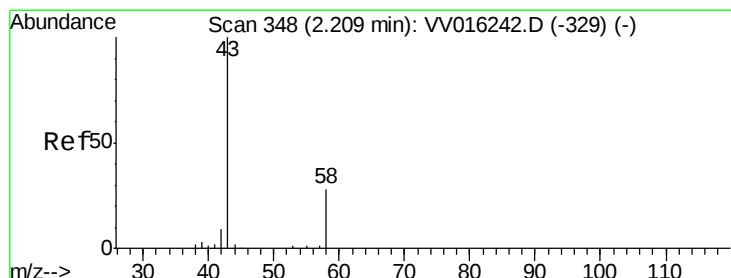
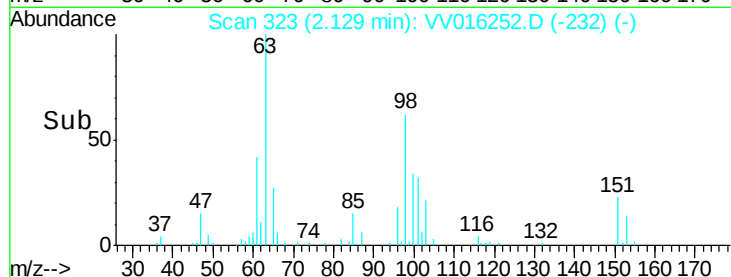
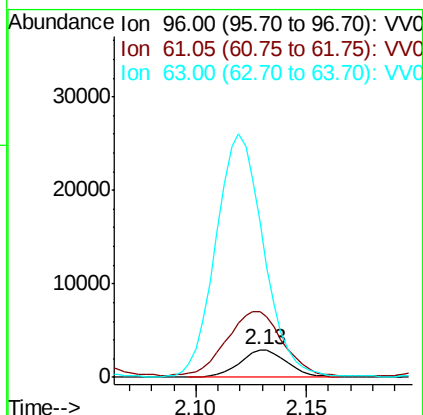
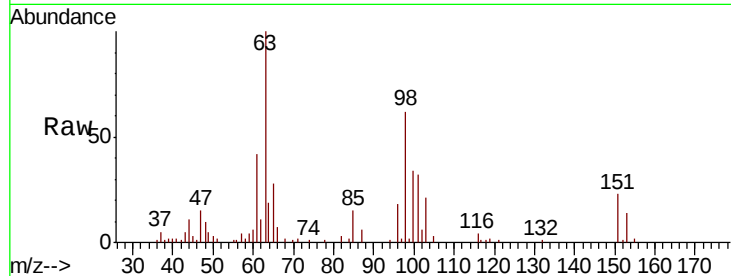




#12
 1,1-Dichloroethene
 Concen: 0.737 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: VV016252.D
 Acq: 28 May 2020 01:23

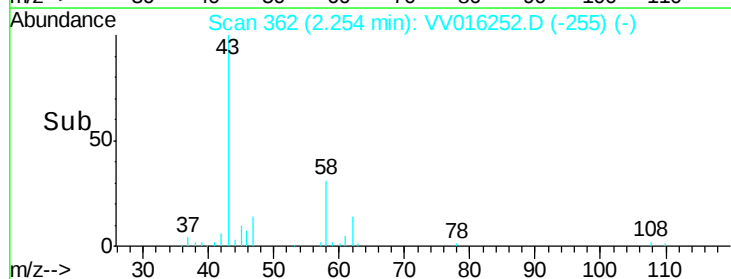
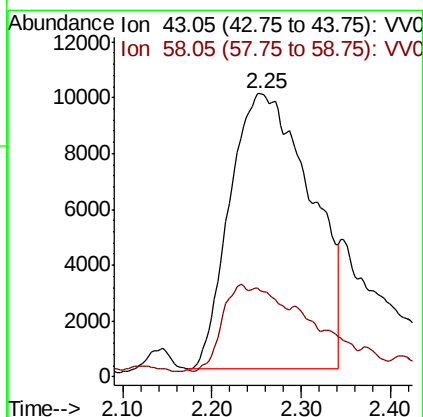
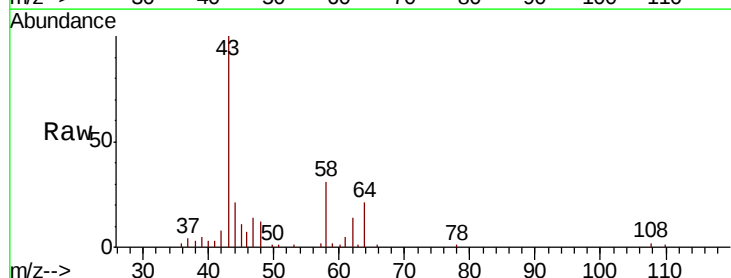
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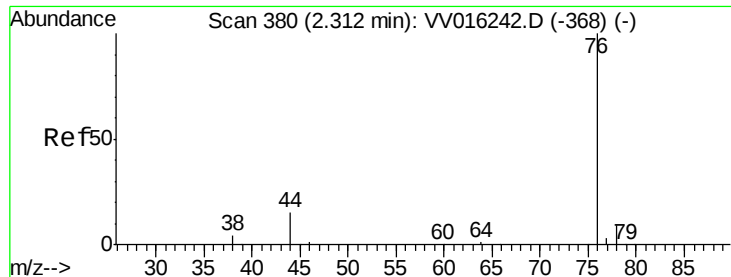
Tot Ion: 96 Resp: 4321
 Ion Ratio Lower Upper
 96 100
 61 235.7 124.9 231.9#
 63 560.1 80.4 149.2#



#13
 Acetone
 Concen: 63.407 ug/L
 RT: 2.25 min Scan# 362
 Delta R.T. 0.05 min
 Lab File: VV016252.D
 Acq: 28 May 2020 01:23

Tgt Ion: 43 Resp: 62165
 Ion Ratio Lower Upper
 43 100
 58 10.3 0.0 48.8





#14

Carbon disulfide

Concen: 0.428 ug/L

RT: 2.35 min Scan# 392

Delta R.T. 0.04 min

Lab File: VV016252.D

Acq: 28 May 2020 01:23

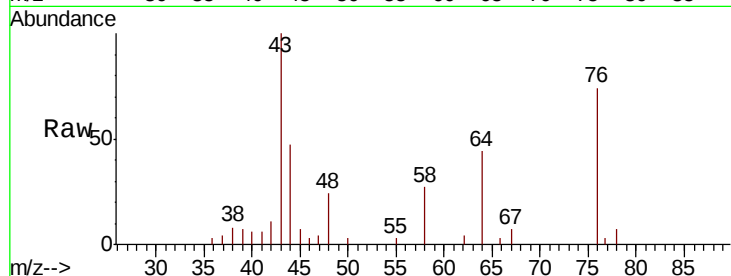
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 76 Resp: 7774

Ion Ratio Lower Upper

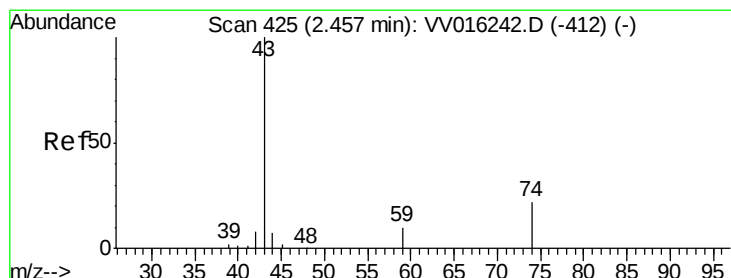
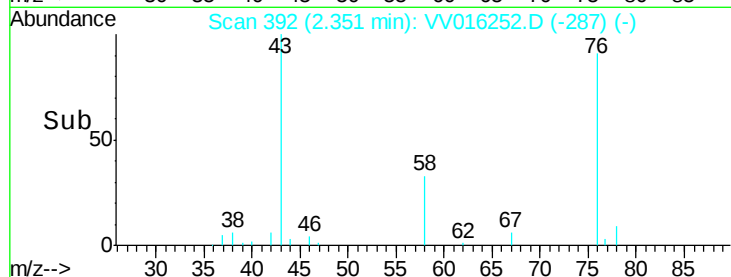
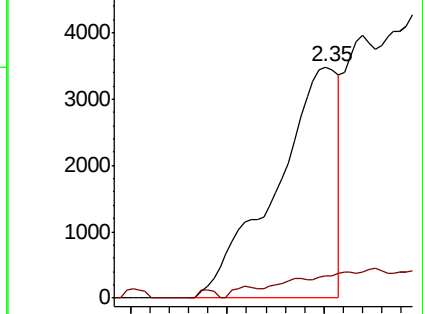
76 100

78 9.6 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: 81.469 ug/L

RT: 2.54 min Scan# 452

Delta R.T. 0.09 min

Lab File: VV016252.D

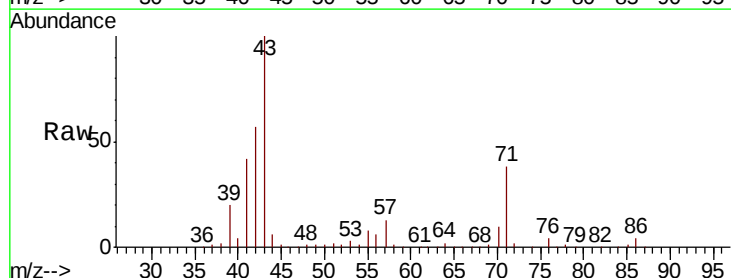
Acq: 28 May 2020 01:23

Tgt Ion: 43 Resp: 204101

Ion Ratio Lower Upper

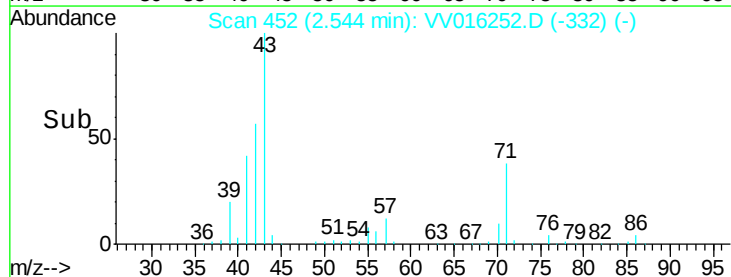
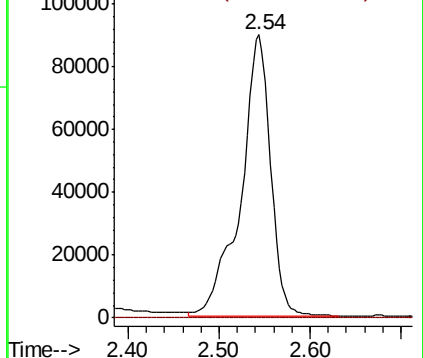
43 100

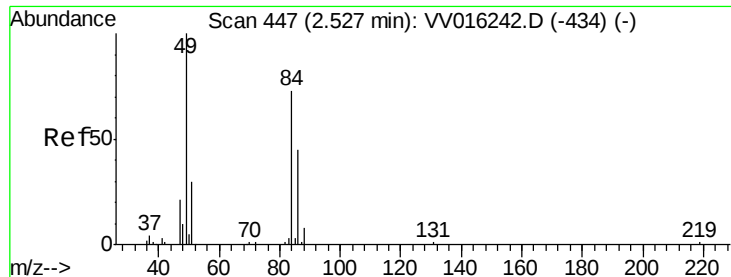
74 0.1 18.1 27.1#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0

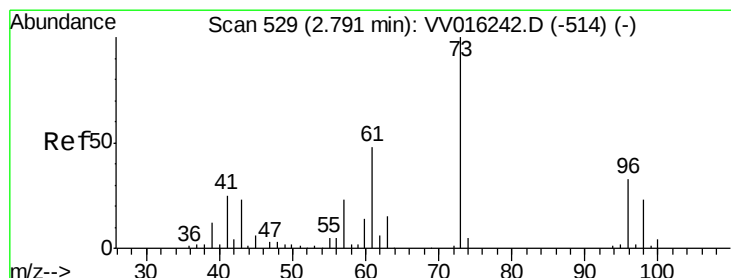
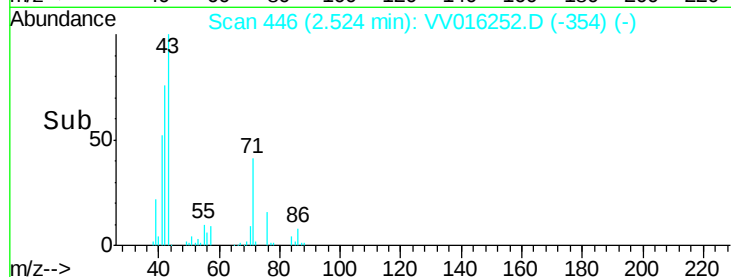
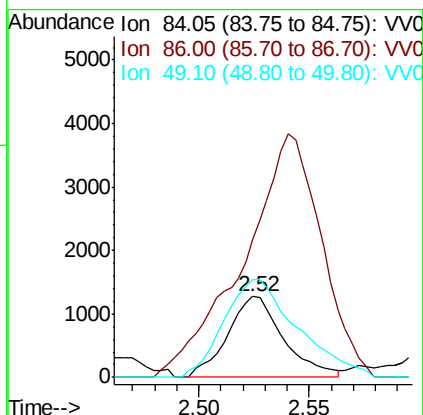
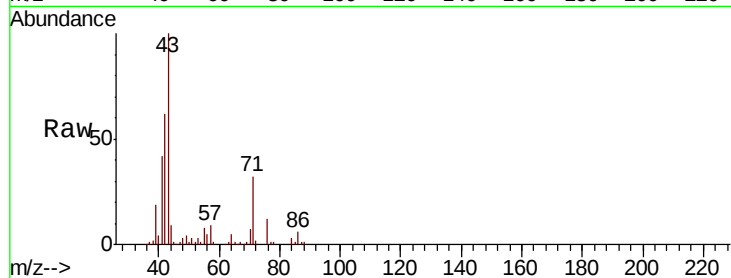




#16
Methylene chloride
Concen: 0.334 ug/L
RT: 2.52 min Scan# 446
Delta R.T. -0.00 min
Lab File: VV016252.D
Acq: 28 May 2020 01:23

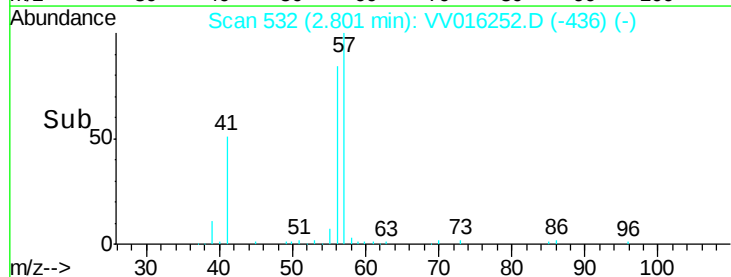
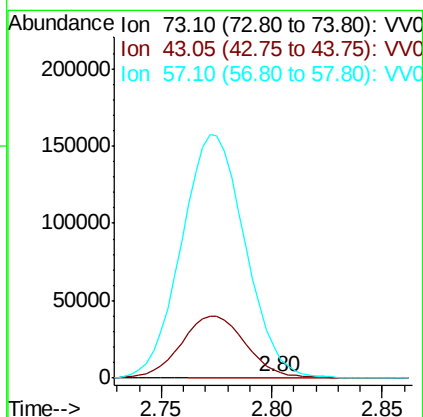
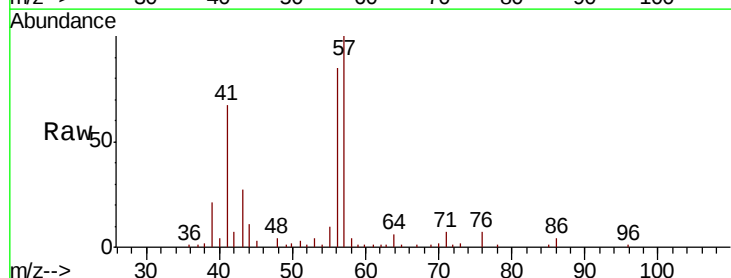
Instrument :
MSVOA_V
ClientSampled :

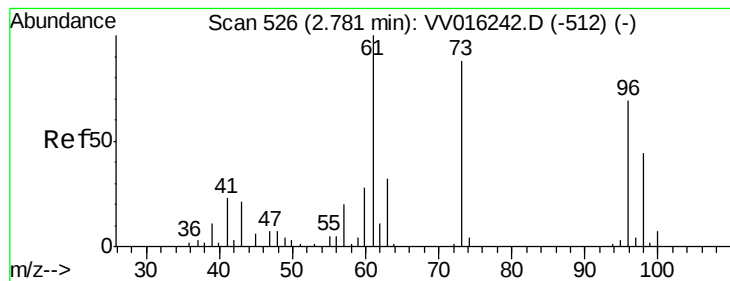
Tot Ion: 84 Resp: 2247
Ion Ratio Lower Upper
84 100
86 169.5 44.9 83.5#
49 120.2 96.7 179.7



#17
Methyl tert-butyl Ether
Concen: 0.072 ug/L
RT: 2.80 min Scan# 532
Delta R.T. 0.01 min
Lab File: VV016252.D
Acq: 28 May 2020 01:23

Tgt Ion: 73 Resp: 1041
Ion Ratio Lower Upper
73 100
43 7823.5 17.8 26.8#
57 30376.1 18.9 28.3#





#18

trans-1,2-Dichloroethene

Concen: 0.424 ug/L

RT: 2.78 min Scan# 524

Delta R.T. -0.01 min

Lab File: VV016252.D

Acq: 28 May 2020 01:23

Instrument :
MSVOA_V
ClientSampleId :

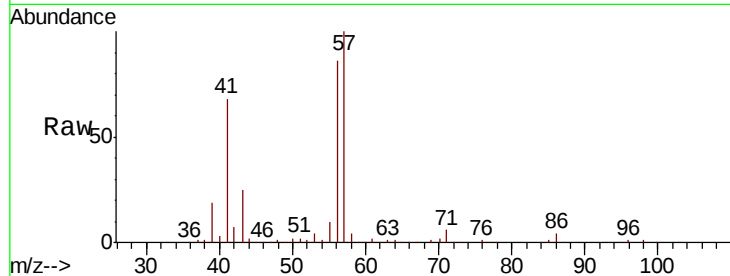
Tot Ion: 96 Resp: 2719

Ion Ratio Lower Upper

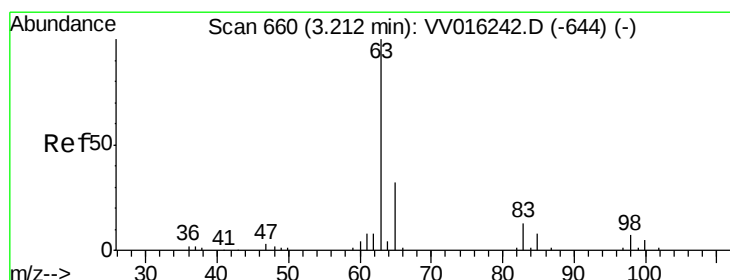
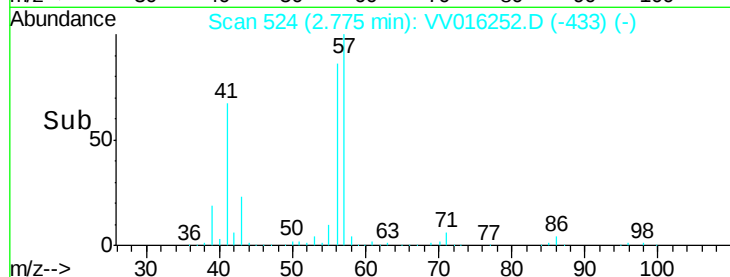
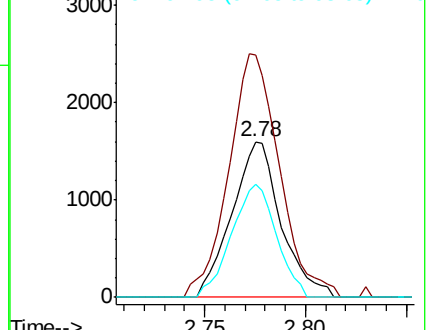
96 100

61 155.8 99.8 185.4

98 72.8 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: 13.105 ug/L

RT: 3.21 min Scan# 659

Delta R.T. -0.00 min

Lab File: VV016252.D

Acq: 28 May 2020 01:23

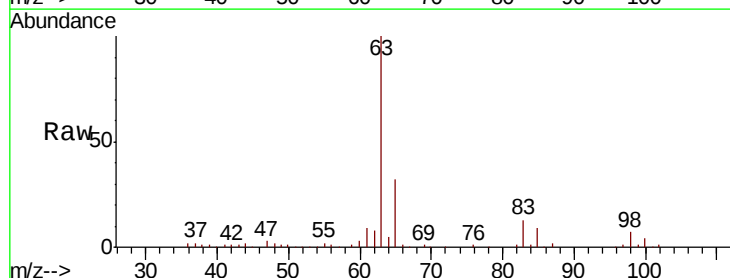
Tgt Ion: 63 Resp: 159748

Ion Ratio Lower Upper

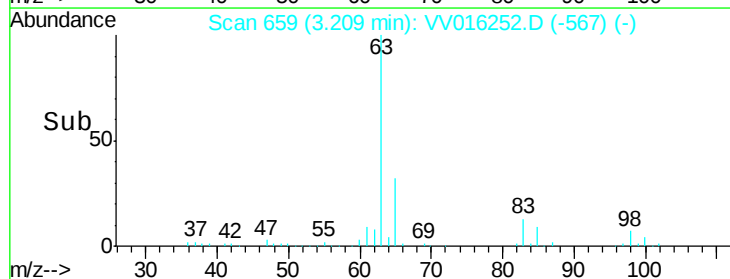
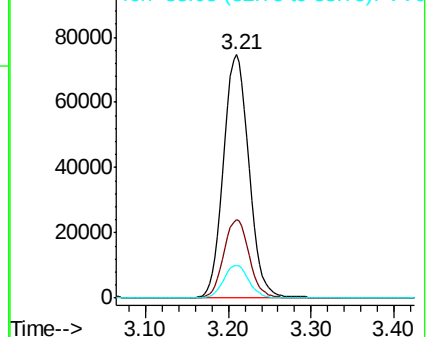
63 100

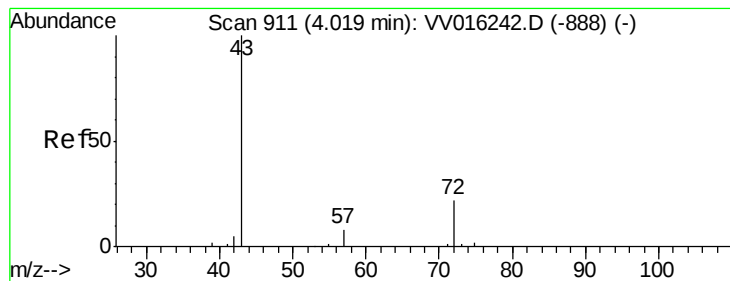
65 32.3 22.3 41.5

83 13.5 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





#21

2-Butanone

Concen: 19.961 ug/L

RT: 4.06 min Scan# 924

Delta R.T. 0.04 min

Lab File: VV016252.D

Acq: 28 May 2020 01:23

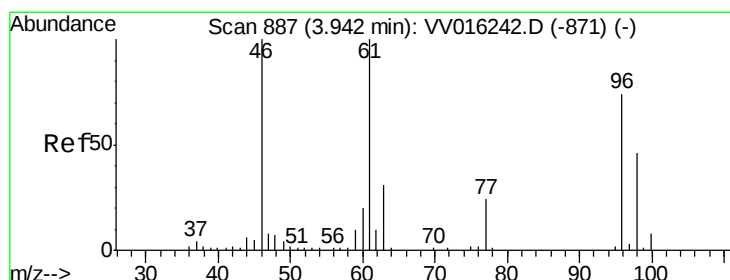
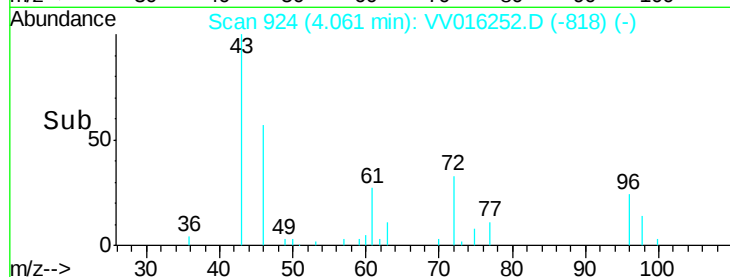
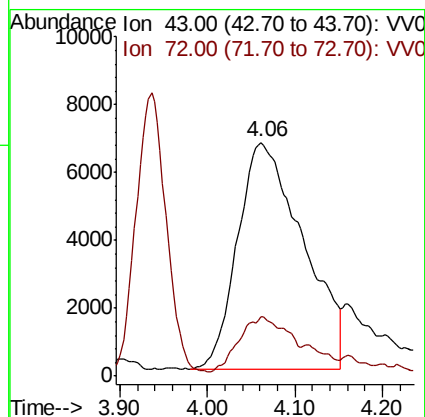
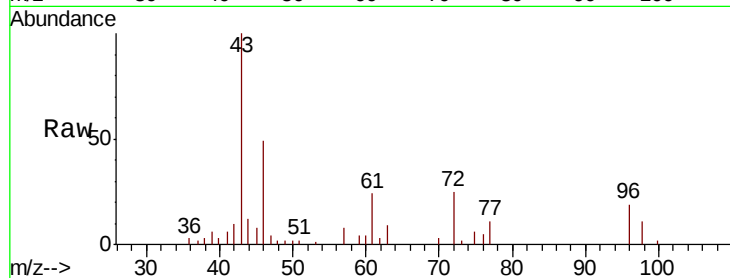
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 34813

Ion Ratio Lower Upper

43 100

72 17.8 9.7 28.9



#22

cis-1,2-Dichloroethene

Concen: 250.888 ug/L

RT: 3.94 min Scan# 885

Delta R.T. -0.01 min

Lab File: VV016252.D

Acq: 28 May 2020 01:23

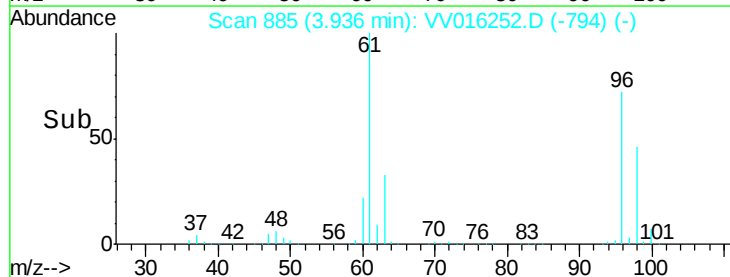
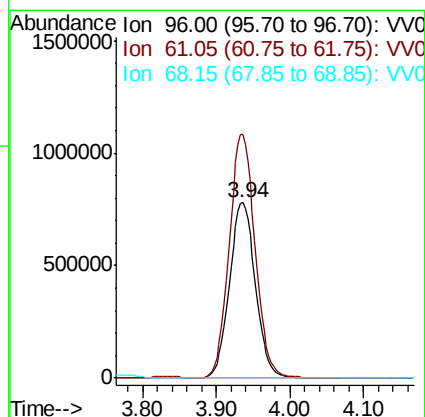
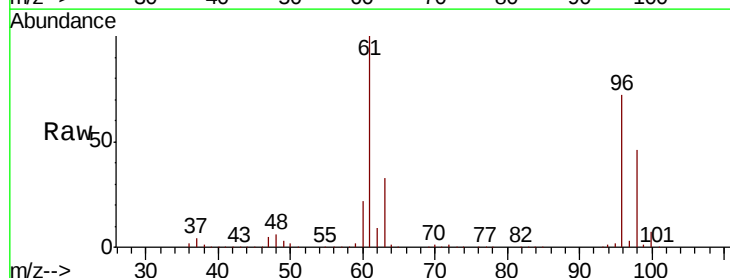
Tgt Ion: 96 Resp: 1904153

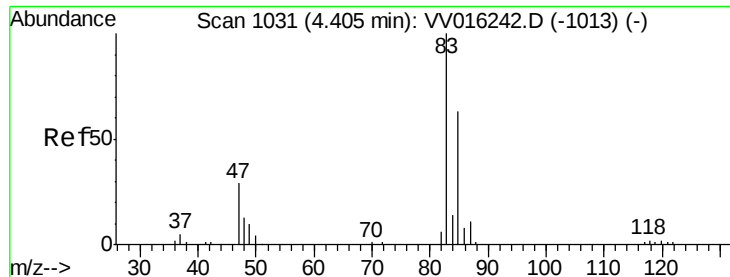
Ion Ratio Lower Upper

96 100

61 138.6 99.7 185.1

68 0.0 0.0 0.0

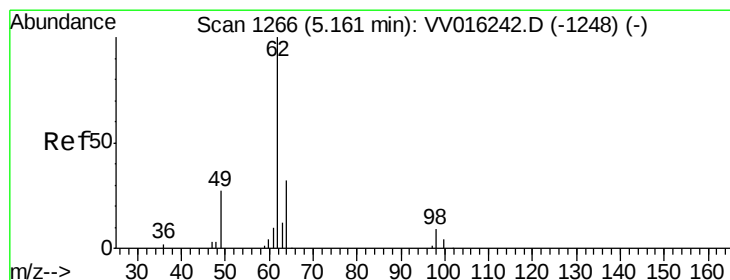
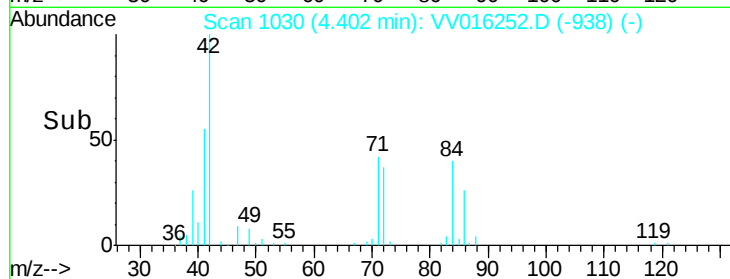
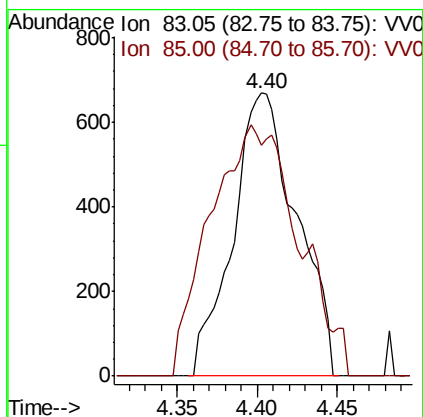
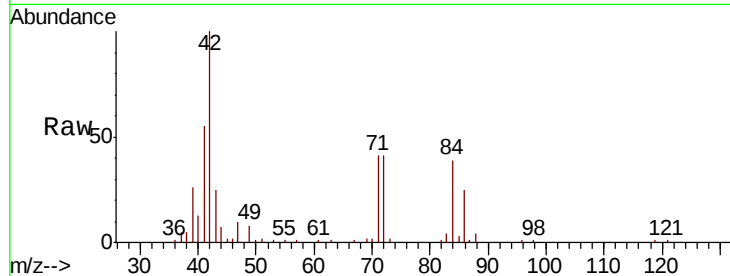




#25
Chloroform
Concen: 0.143 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VV016252.D
Acq: 28 May 2020 01:23

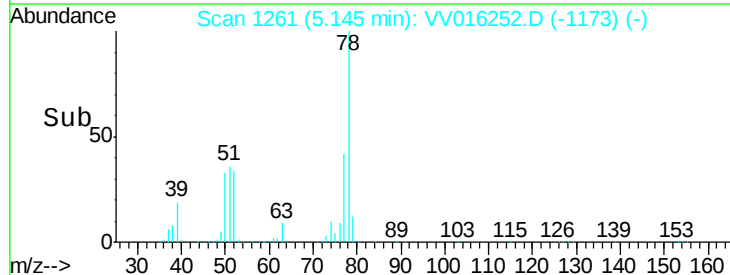
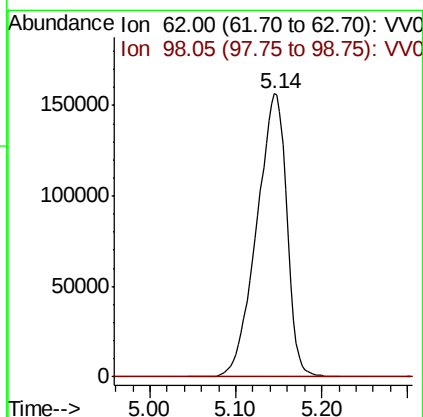
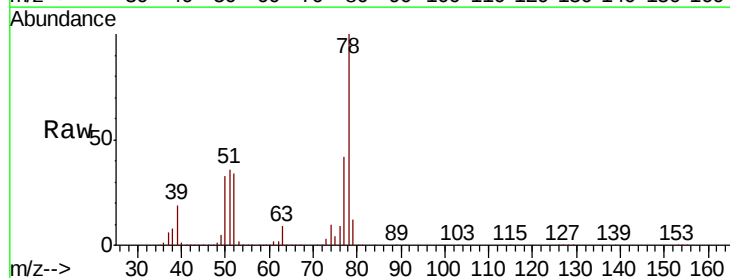
Instrument :
MSVOA_V
ClientSampled :

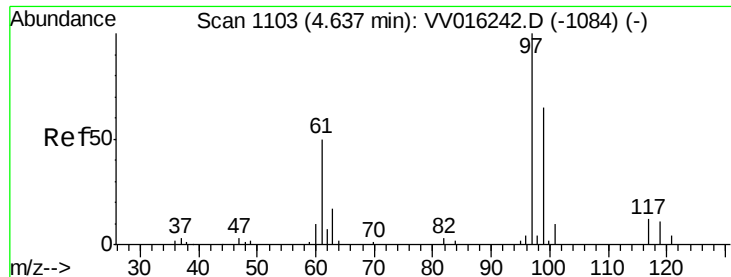
Tot Ion: 83 Resp: 1840
Ion Ratio Lower Upper
83 100
85 81.6 45.1 83.7



#27
1,2-Dichloroethane
Concen: 45.271 ug/L
RT: 5.14 min Scan# 1261
Delta R.T. -0.02 min
Lab File: VV016252.D
Acq: 28 May 2020 01:23

Tgt Ion: 62 Resp: 381836
Ion Ratio Lower Upper
62 100
98 0.0 5.7 8.5#

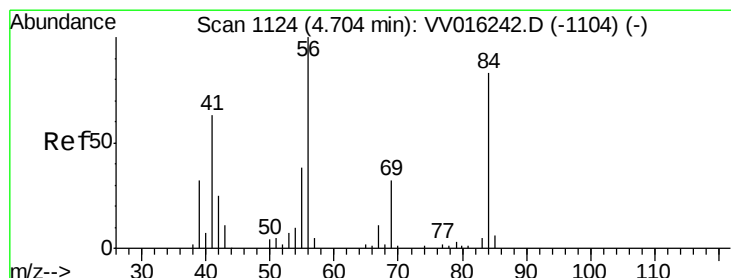
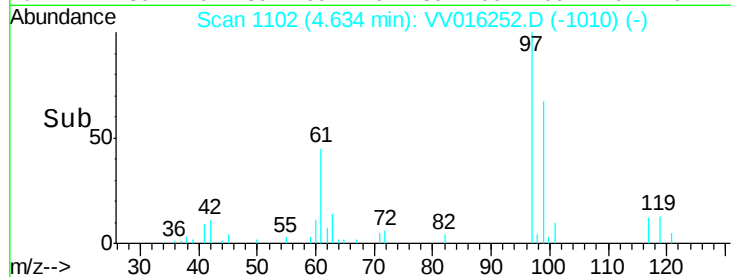
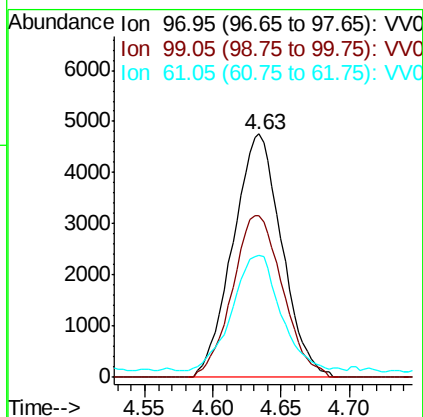
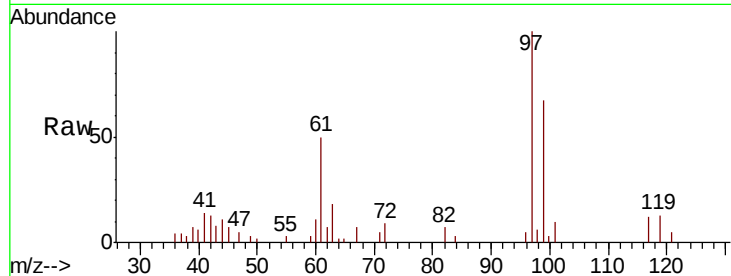




#29
 1,1,1-Trichloroethane
 Concen: 1.029 ug/L
 RT: 4.63 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VV016252.D
 Acq: 28 May 2020 01:23

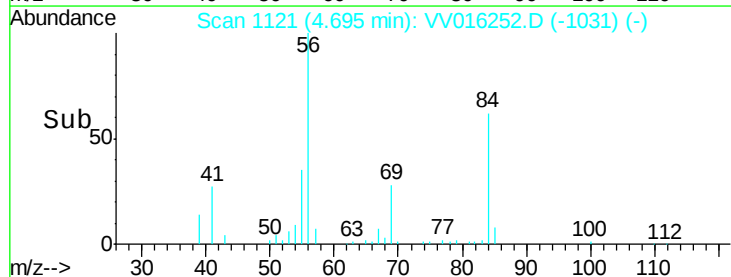
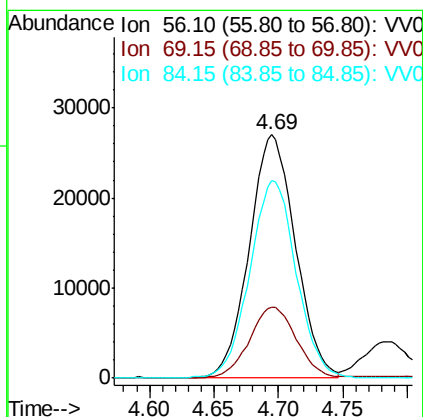
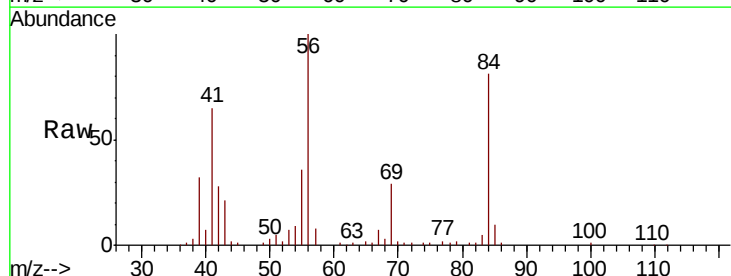
Instrument :
 MSVOA_V
 ClientSampled :

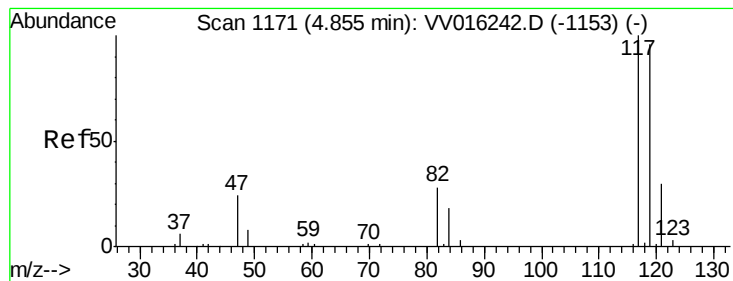
Tot Ion: 97 Resp: 11816
 Ion Ratio Lower Upper
 97 100
 99 68.3 51.2 76.8
 61 46.6 38.6 57.8



#30
 Cyclohexane
 Concen: 5.476 ug/L
 RT: 4.69 min Scan# 1121
 Delta R.T. -0.01 min
 Lab File: VV016252.D
 Acq: 28 May 2020 01:23

Tgt Ion: 56 Resp: 67403
 Ion Ratio Lower Upper
 56 100
 69 29.9 24.6 36.8
 84 81.6 67.1 100.7





#31

Carbon tetrachloride

Concen: 0.155 ug/L

RT: 4.62 min Scan# 1099

Delta R.T. -0.23 min

Lab File: VV016252.D

Acq: 28 May 2020 01:23

Instrument :

MSVOA_V

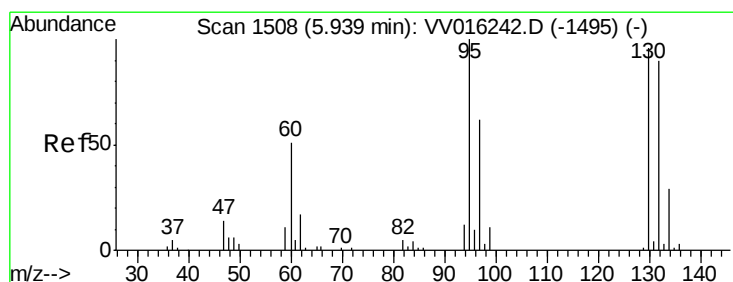
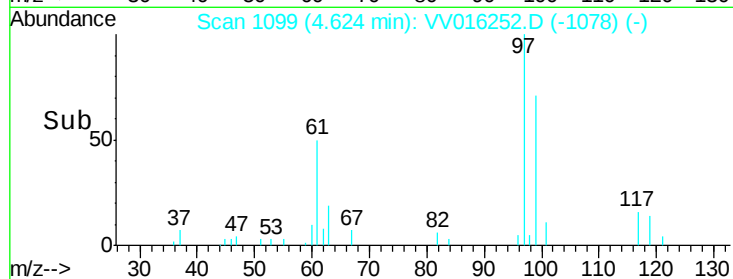
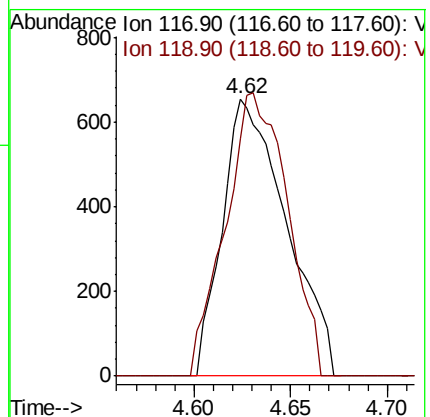
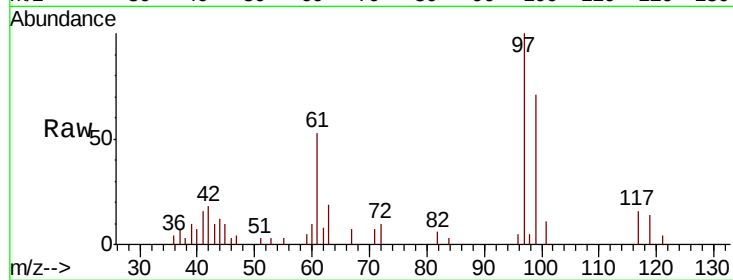
ClientSampleId :

Tot Ion:117 Resp: 1505

Ion Ratio Lower Upper

117 100

119 99.1 75.2 112.8



#34

Trichloroethene

Concen: 0.120 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV016252.D

Acq: 28 May 2020 01:23

Tgt Ion: 95 Resp: 871

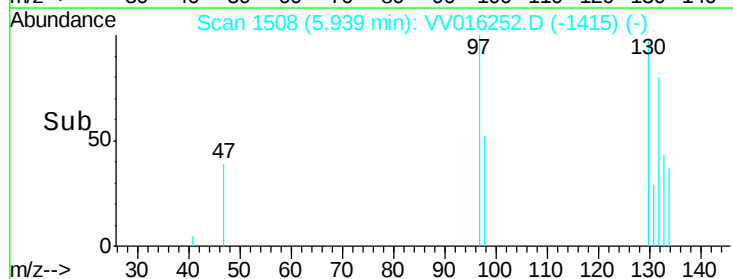
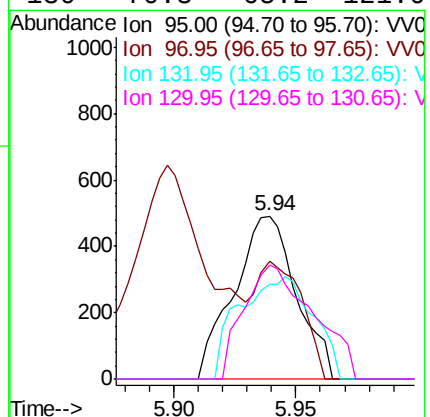
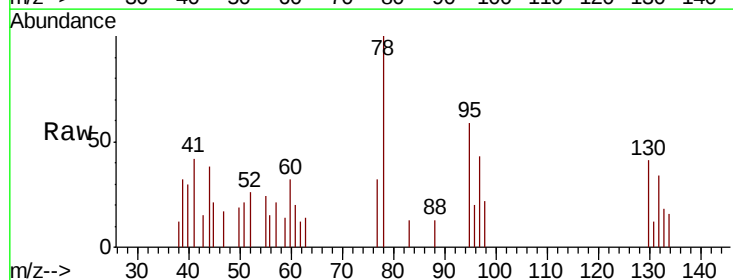
Ion Ratio Lower Upper

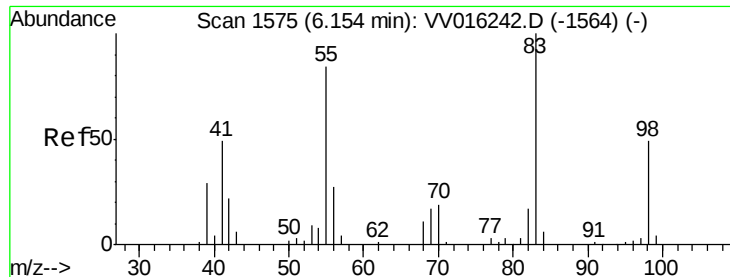
95 100

97 72.3 43.6 81.0

132 57.8 63.9 118.7#

130 70.3 65.2 121.0

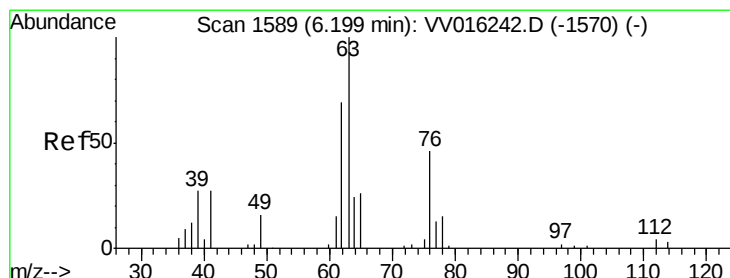
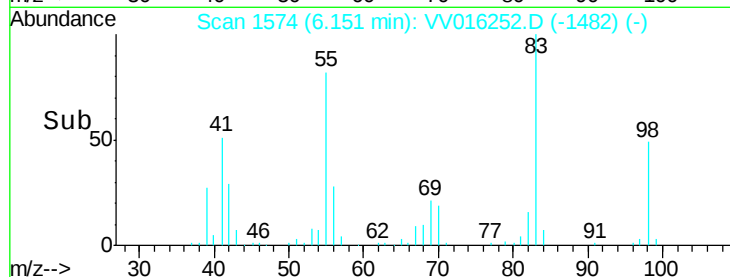
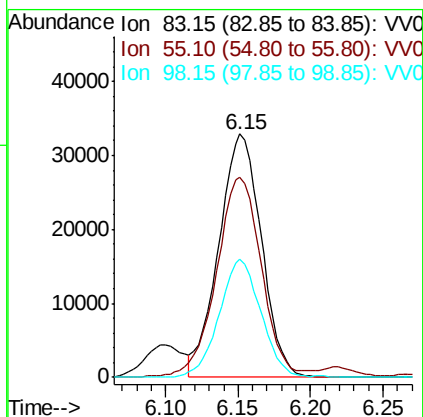
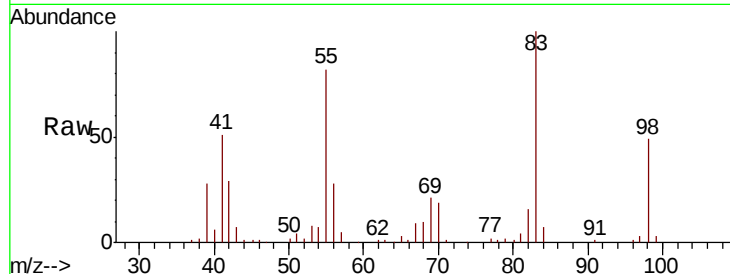




#35
Methvlcvclohexane
Concen: 5.494 ug/L
RT: 6.15 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VV016252.D
Acq: 28 May 2020 01:23

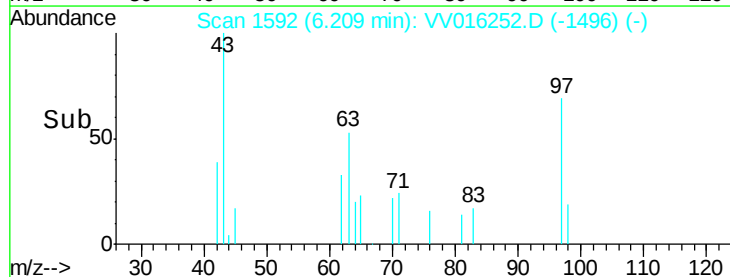
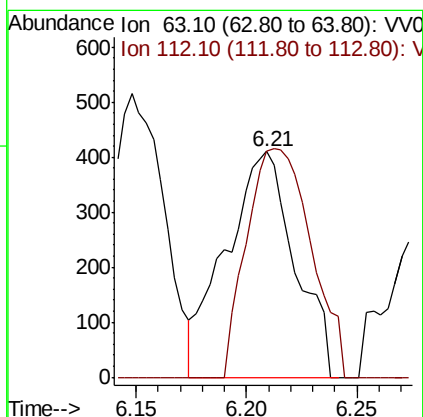
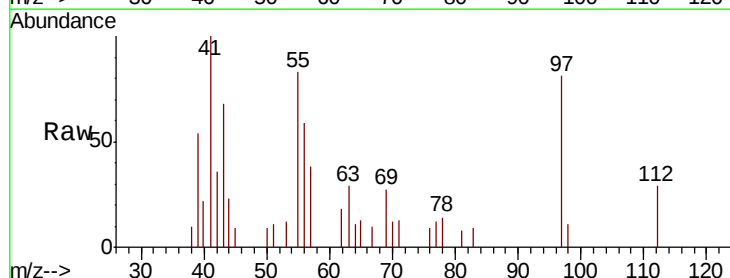
Instrument :
MSVOA_V
ClientSampled :

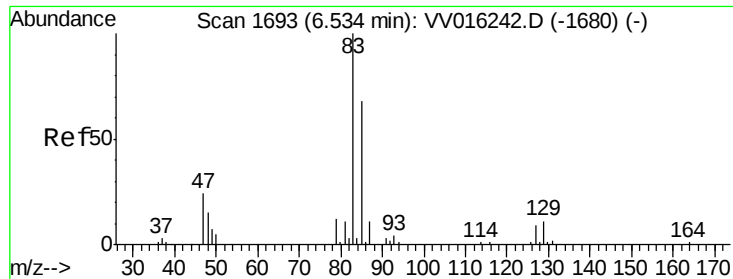
Tot Ion: 83 Resp: 67227
Ion Ratio Lower Upper
83 100
55 87.4 65.4 98.0
98 47.3 39.3 58.9



#37
1,2-Dichloropropane
Concen: 0.130 ug/L
RT: 6.21 min Scan# 1592
Delta R.T. 0.01 min
Lab File: VV016252.D
Acq: 28 May 2020 01:23

Tgt Ion: 63 Resp: 890
Ion Ratio Lower Upper
63 100
112 94.6 3.1 4.7#





#38

Bromodichloromethane

Concen: 0.052 ug/L

RT: 6.58 min Scan# 1706

Delta R.T. 0.04 min

Lab File: VV016252.D

Acq: 28 May 2020 01:23

Instrument :

MSVOA_V

ClientSampled :

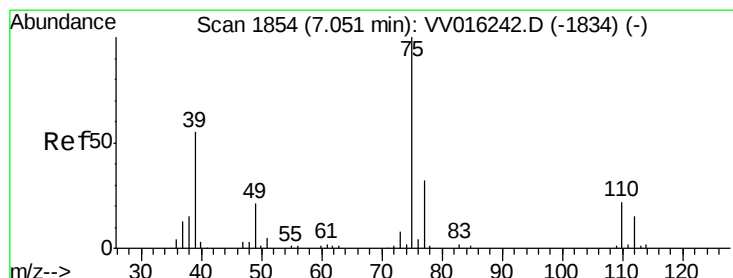
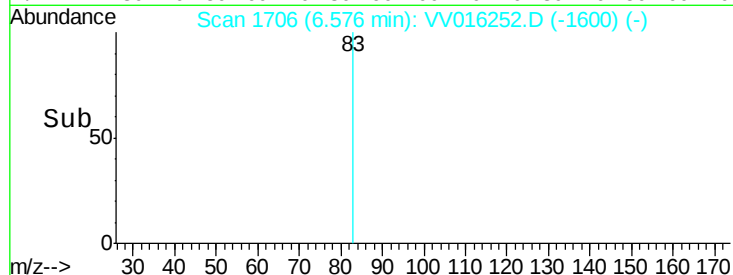
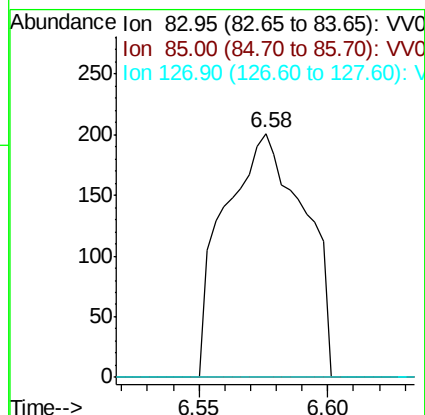
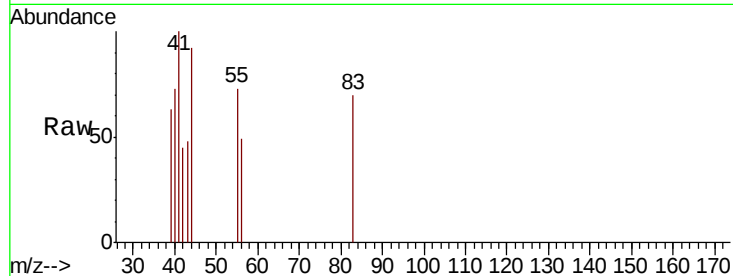
Tot Ion: 83 Resp: 435

Ion Ratio Lower Upper

83 100

85 0.0 44.2 82.2#

127 0.0 7.1 10.7#



#39

cis-1,3-Dichloropropene

Concen: 0.090 ug/L

RT: 7.02 min Scan# 1843

Delta R.T. -0.04 min

Lab File: VV016252.D

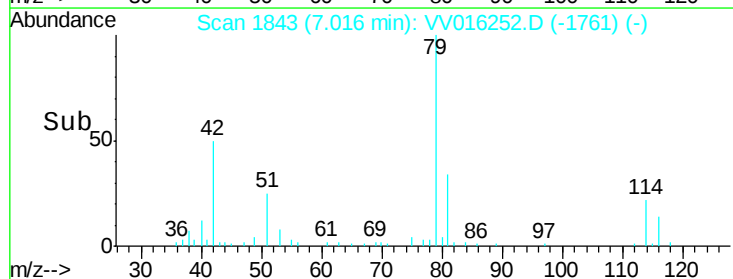
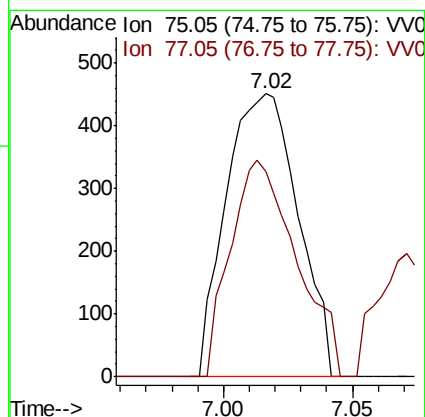
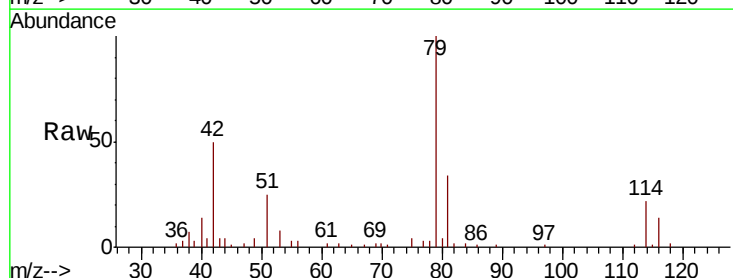
Acq: 28 May 2020 01:23

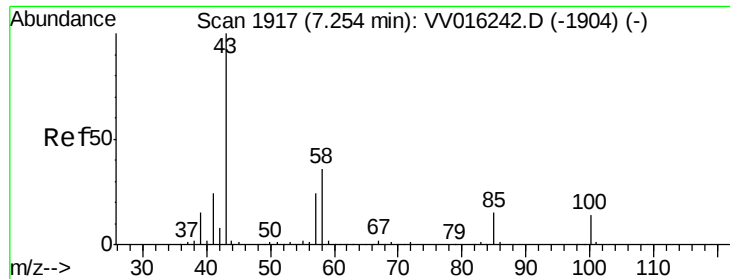
Tgt Ion: 75 Resp: 875

Ion Ratio Lower Upper

75 100

77 72.3 21.7 40.3#

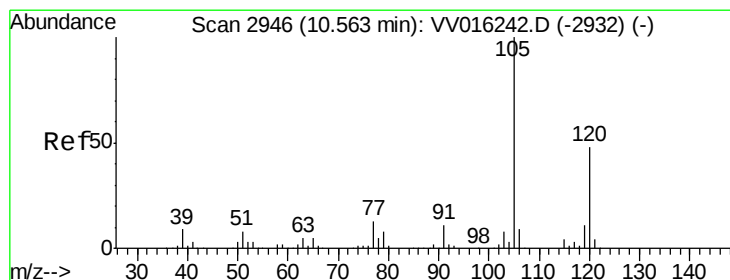
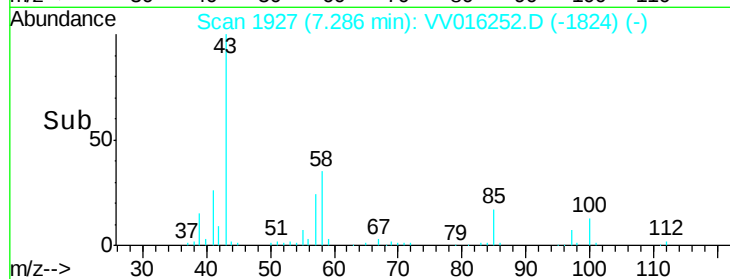
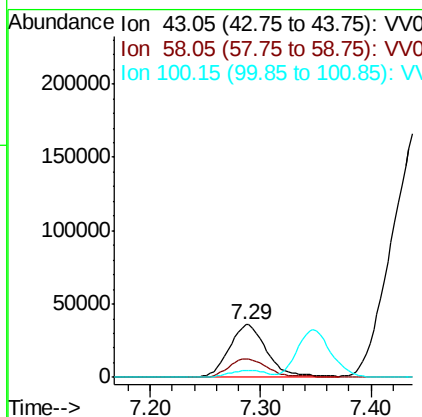
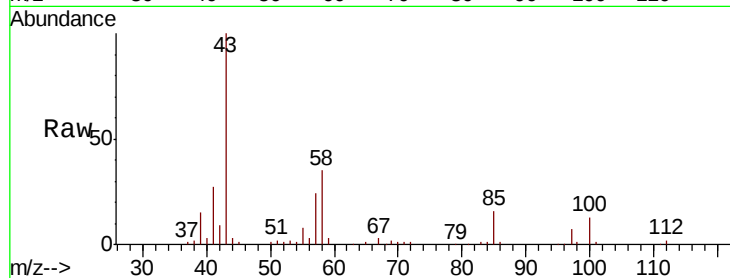




#40
4-Methyl-2-pentanone
Concen: 19.668 ug/L
RT: 7.29 min Scan# 1927
Delta R.T. 0.03 min
Lab File: VV016252.D
Acq: 28 May 2020 01:23

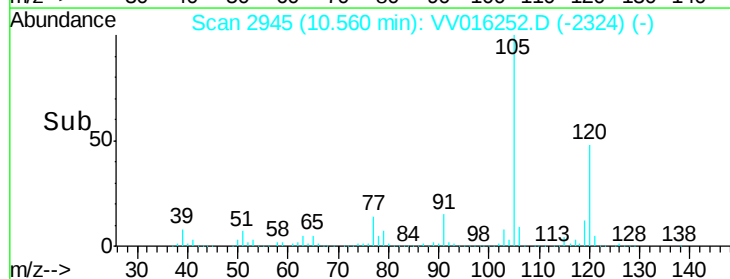
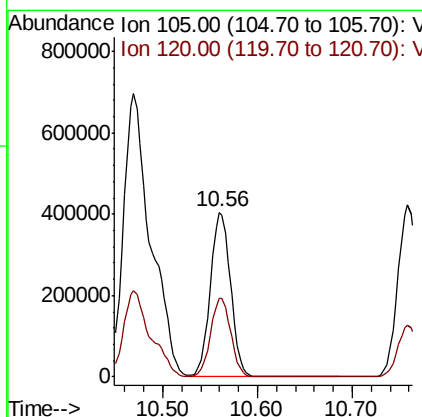
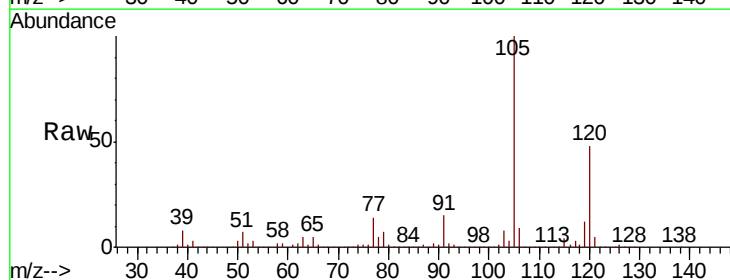
Instrument :
MSVOA_V
ClientSampled :

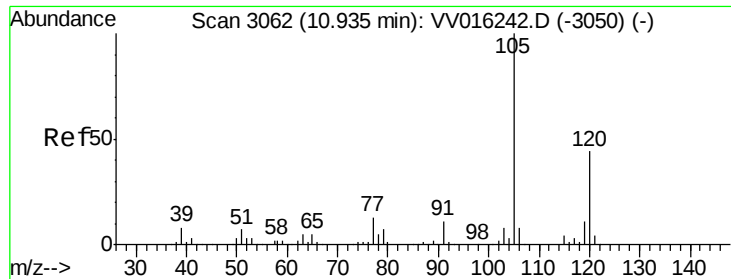
Tot Ion	43	58	100
Resp	83577		
Ratio	100	38.6	13.0
Lower		29.5	11.1
Upper		44.3	16.7



#43
1,3,5-Trimethylbenzene
Concen: 21.834 ug/L
RT: 10.56 min Scan# 2945
Delta R.T. -0.00 min
Lab File: VV016252.D
Acq: 28 May 2020 01:23

Tgt Ion	105	120
Resp	603660	
Ratio	100	47.7
Lower		37.4
Upper		56.0





#44

1,2,4-Trimethylbenzene

Concen: 88.684 ug/L

RT: 10.94 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VV016252.D

Acq: 28 May 2020 01:23

Instrument :

MSVOA_V

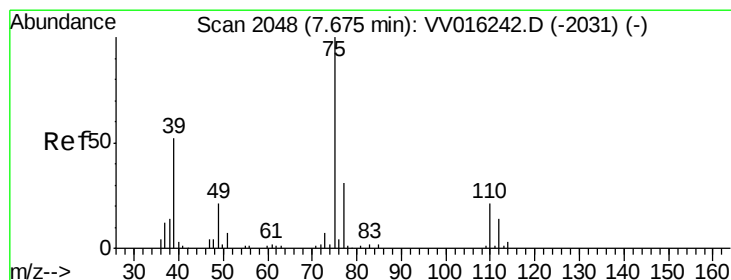
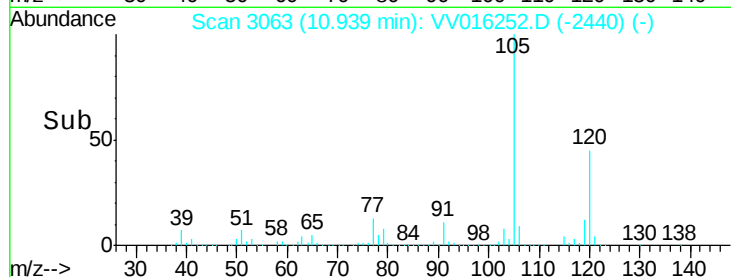
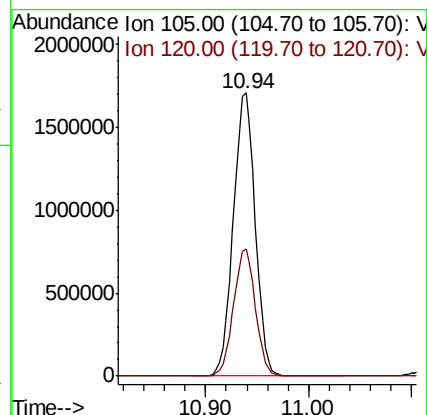
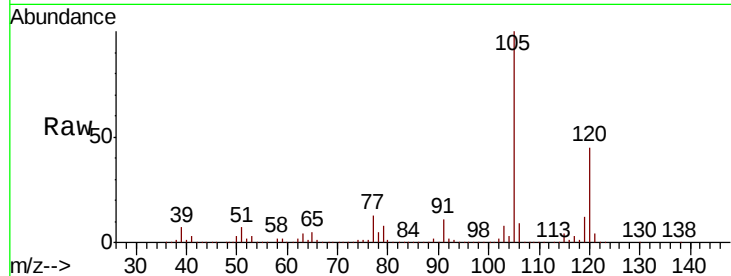
ClientSampleId :

Tot Ion:105 Resp: 2525342

Ion Ratio Lower Upper

105 100

120 44.8 34.6 52.0



#46

trans-1,3-Dichloropropene

Concen: 62.816 ug/L

RT: 7.45 min Scan# 1978

Delta R.T. -0.22 min

Lab File: VV016252.D

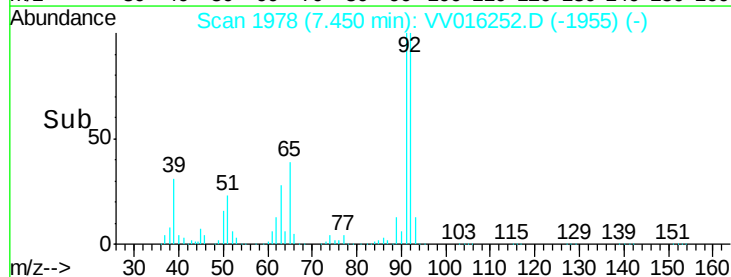
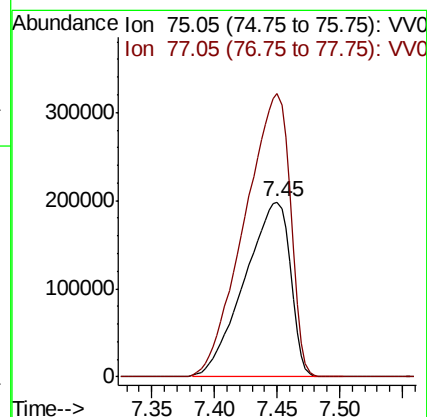
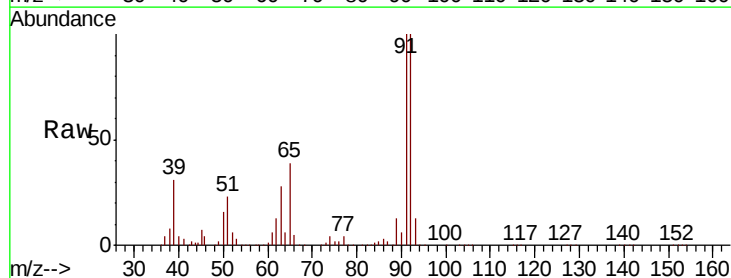
Acq: 28 May 2020 01:23

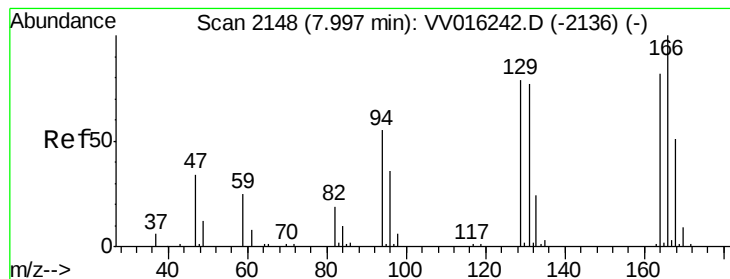
Tgt Ion: 75 Resp: 504848

Ion Ratio Lower Upper

75 100

77 161.6 21.7 40.3#





#49

Tetrachloroethene

Concen: 0.098 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV016252.D

Acq: 28 May 2020 01:23

Instrument :
MSVOA_V
ClientSampled :

Tot Ion:164 Resp: 510

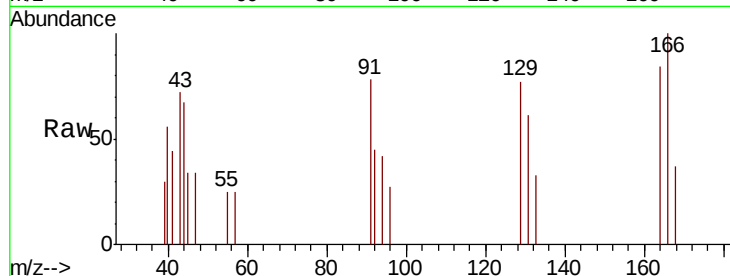
Ion Ratio Lower Upper

164 100

129 91.6 70.7 131.3

131 71.8 66.6 123.8

166 118.4 86.9 161.5

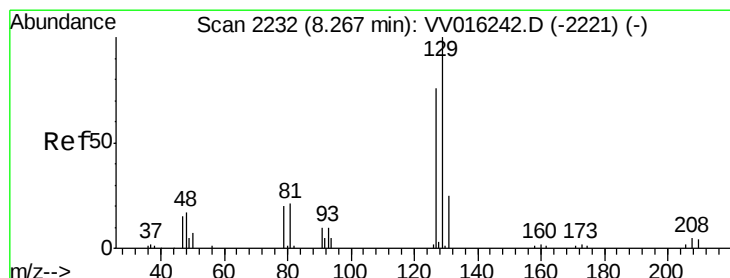
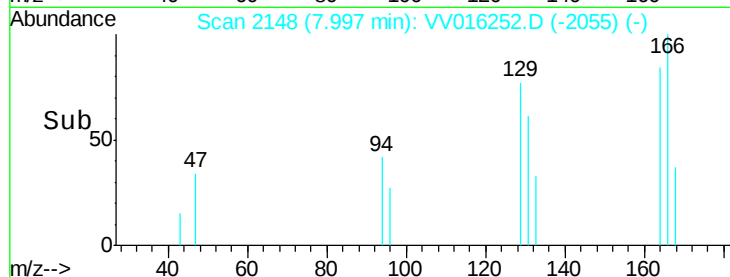
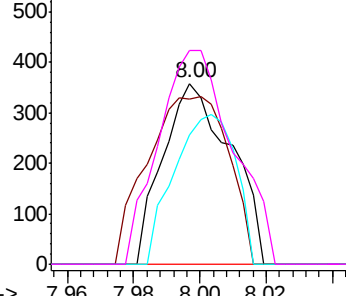


Abundance Ion 163.90 (163.60 to 164.60): V

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



#51

Dibromochloromethane

Concen: 0.119 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. -0.27 min

Lab File: VV016252.D

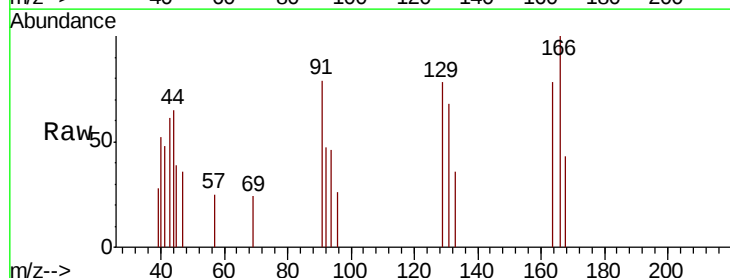
Acq: 28 May 2020 01:23

Tgt Ion:129 Resp: 565

Ion Ratio Lower Upper

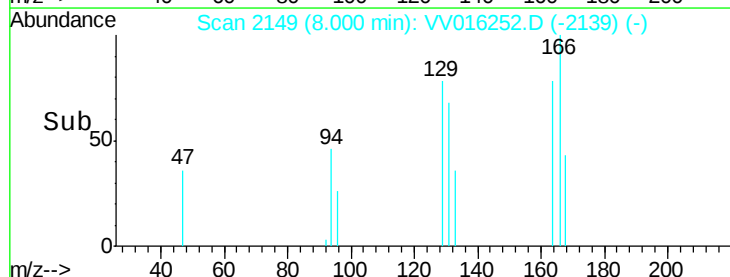
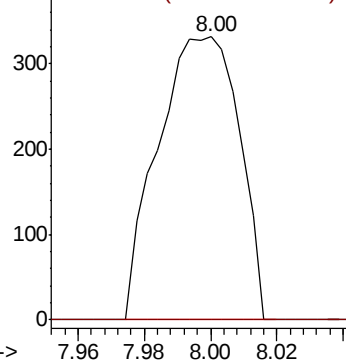
129 100

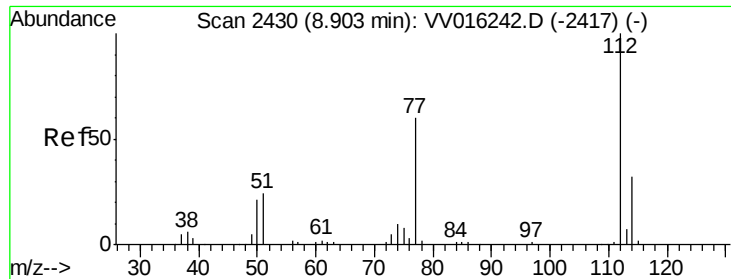
127 0.0 55.2 102.4#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

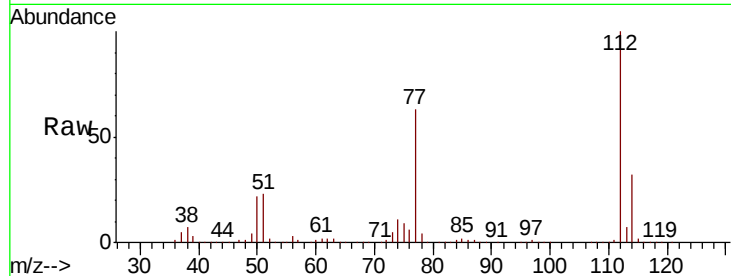




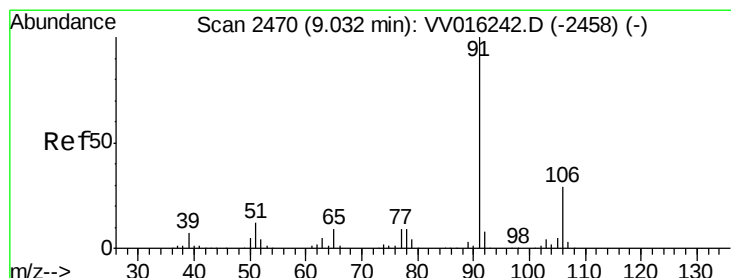
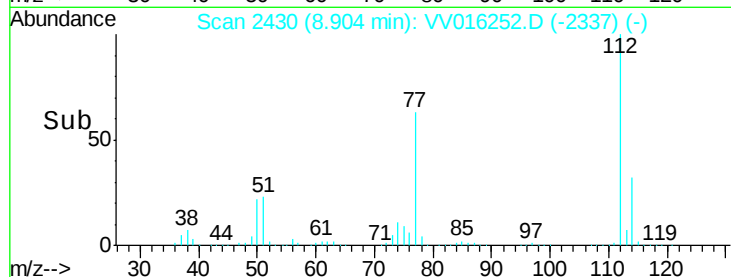
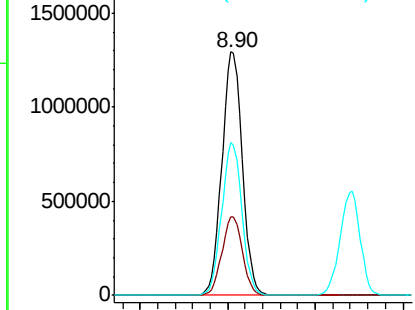
#53
Chlorobenzene
Concen: 111.764 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV016252.D
Acq: 28 May 2020 01:23

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:112 Resp: 2097352
Ion Ratio Lower Upper
112 100
114 32.4 22.3 41.3
77 62.6 50.7 76.1

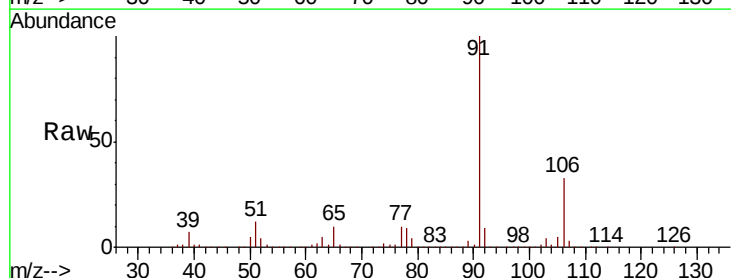


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): V

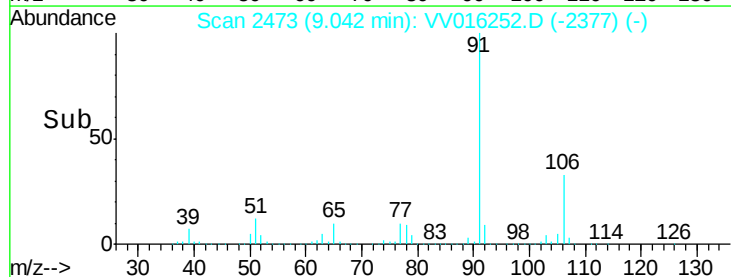
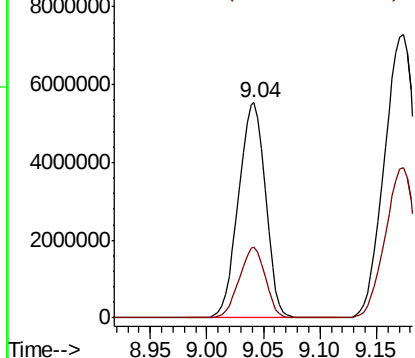


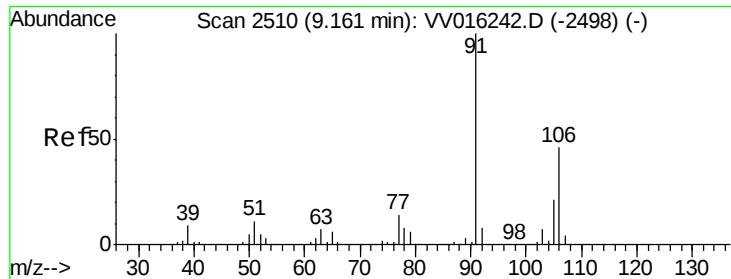
#54
Ethylbenzene
Concen: 272.833 ug/L
RT: 9.04 min Scan# 2473
Delta R.T. 0.01 min
Lab File: VV016252.D
Acq: 28 May 2020 01:23

Tgt Ion: 91 Resp: 9235923
Ion Ratio Lower Upper
91 100
106 32.8 21.0 39.0



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





#55

m,p-xylene

Concen: 548.772 ug/L

RT: 9.17 min Scan# 2514

Delta R.T. 0.01 min

Lab File: VV016252.D

Acq: 28 May 2020 01:23

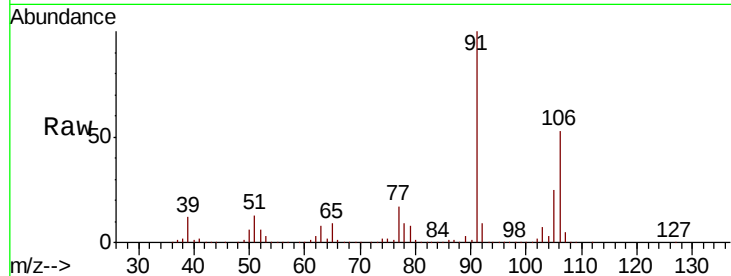
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:106 Resp: 6965916

Ion Ratio Lower Upper

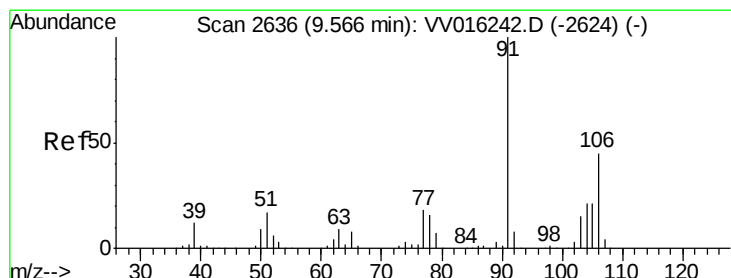
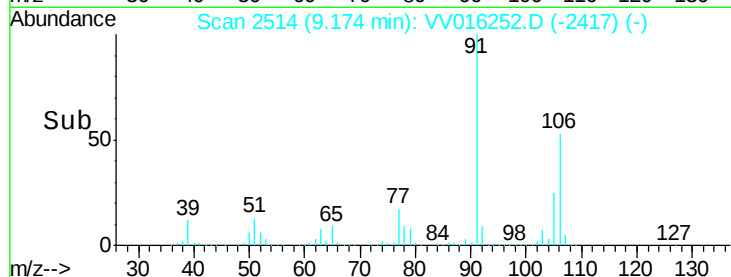
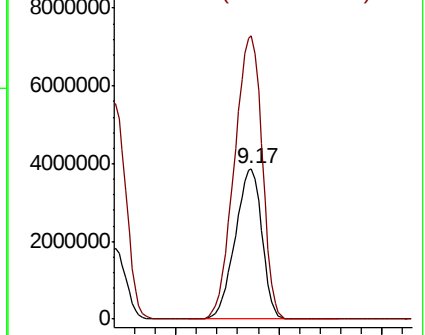
106 100

91 188.3 148.1 275.0



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#56

o-xylene

Concen: 158.508 ug/L

RT: 9.57 min Scan# 2637

Delta R.T. 0.00 min

Lab File: VV016252.D

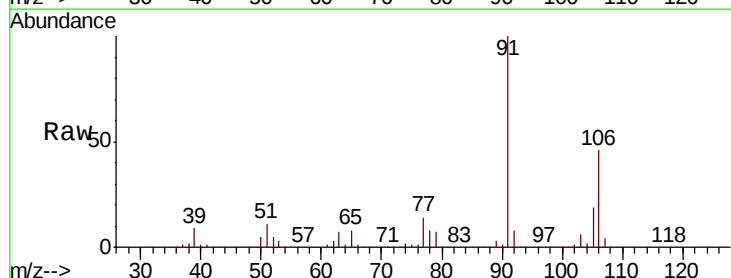
Acq: 28 May 2020 01:23

Tgt Ion:106 Resp: 1917405

Ion Ratio Lower Upper

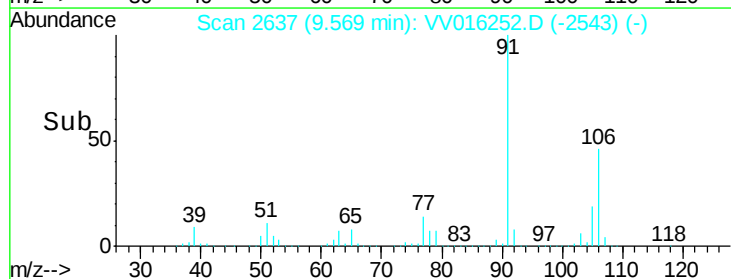
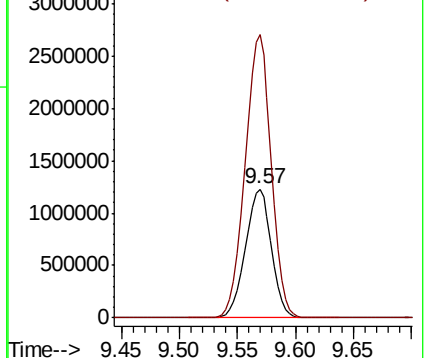
106 100

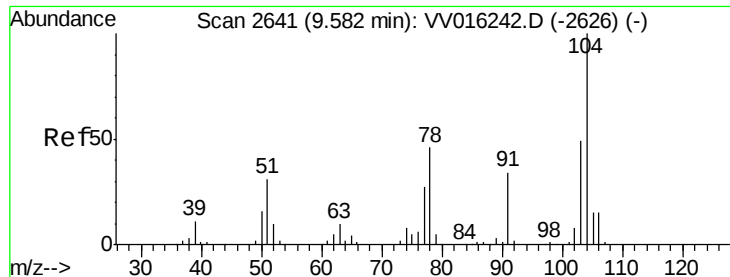
91 219.3 158.8 294.8



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0

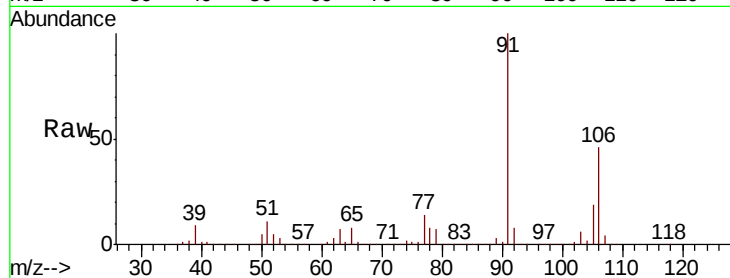




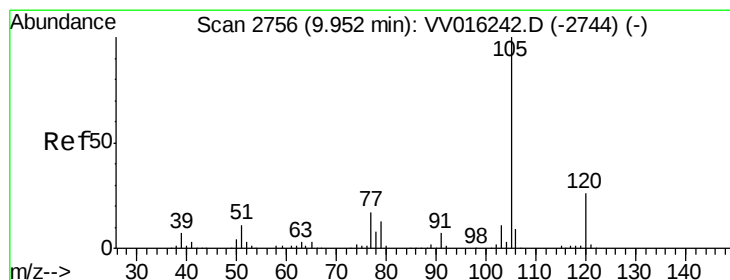
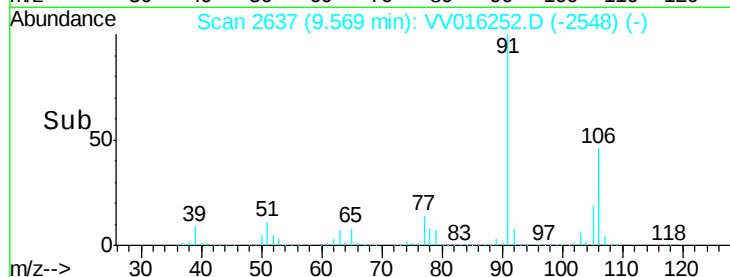
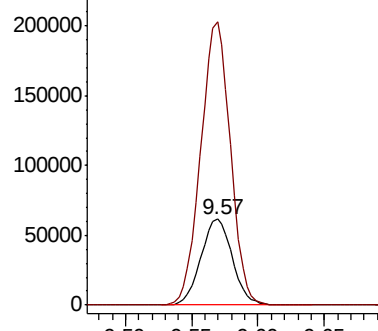
#57
Stvrene
Concen: 5.053 ug/L
RT: 9.57 min Scan# 2637
Delta R.T. -0.01 min
Lab File: VV016252.D
Acq: 28 May 2020 01:23

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:104 Resp: 101722
Ion Ratio Lower Upper
104 100
78 328.9 33.2 61.7#

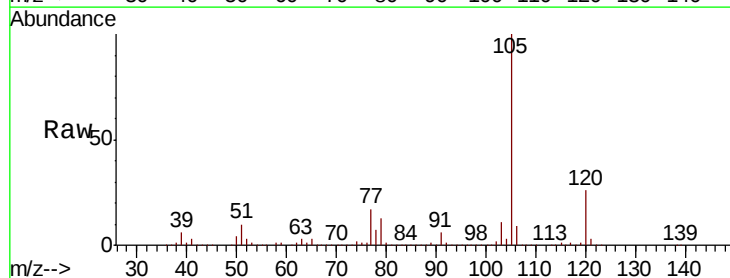


Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VV0

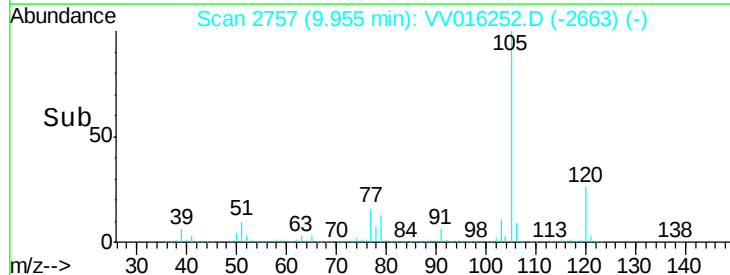
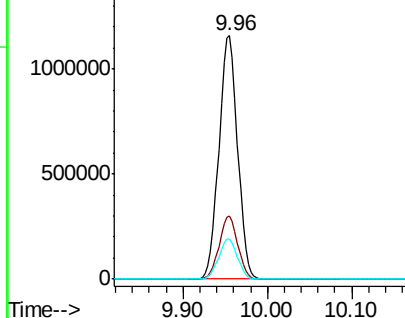


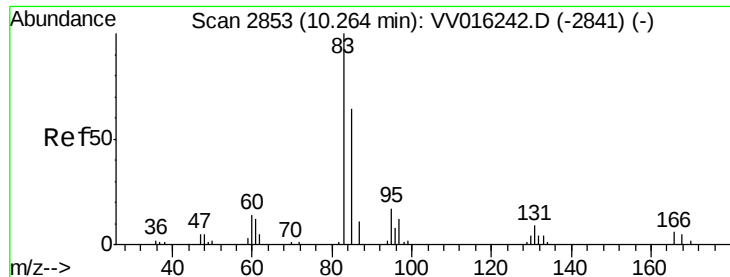
#58
Isopropylbenzene
Concen: 53.540 ug/L
RT: 9.96 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VV016252.D
Acq: 28 May 2020 01:23

Tgt Ion:105 Resp: 1774076
Ion Ratio Lower Upper
105 100
120 26.0 20.9 31.3
77 16.6 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): VV0





#60

1,1,2,2-Tetrachloroethane

Concen: 0.324 ug/L

RT: 10.29 min Scan# 2861

Delta R.T. 0.03 min

Lab File: VV016252.D

Acq: 28 May 2020 01:23

Instrument :

MSVOA_V

ClientSampled :

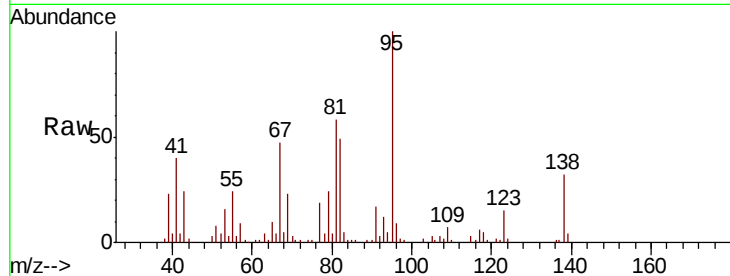
Tot Ion: 83 Resp: 1810

Ion Ratio Lower Upper

83 100

85 12.0 45.6 84.8#

131 0.0 7.9 11.9#

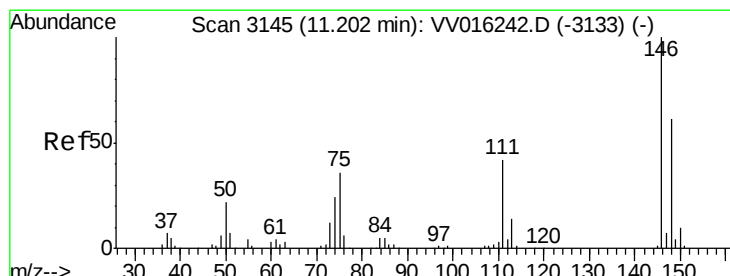
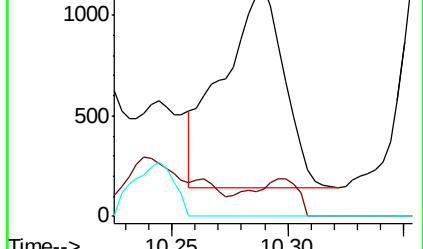
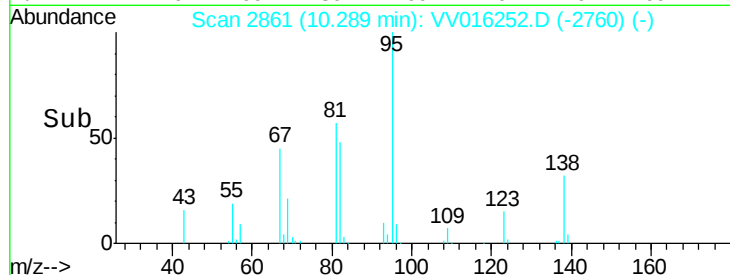


Abundance Ion 82.95 (82.65 to 83.65): VV016252.D (-2760) (-)

Ion 85.00 (84.70 to 85.70): VV016252.D (-2760) (-)

Ion 130.95 (130.65 to 131.65): VV016252.D (-2760) (-)

Time-->



#63

1,3-Dichlorobenzene

Concen: 1.373 ug/L

RT: 11.20 min Scan# 3145

Delta R.T. 0.00 min

Lab File: VV016252.D

Acq: 28 May 2020 01:23

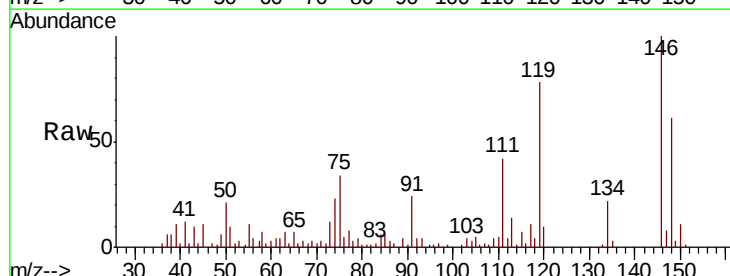
Tgt Ion: 146 Resp: 21194

Ion Ratio Lower Upper

146 100

111 41.8 29.7 55.1

148 60.9 45.9 85.3

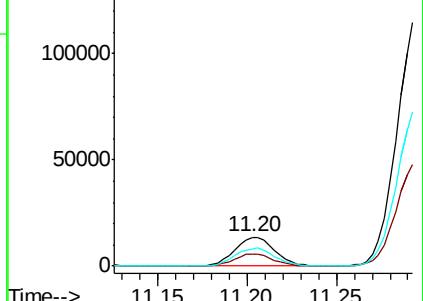
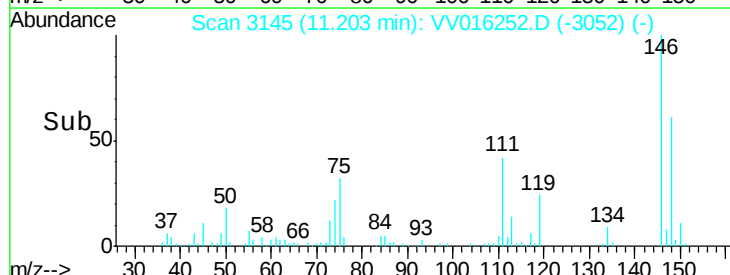


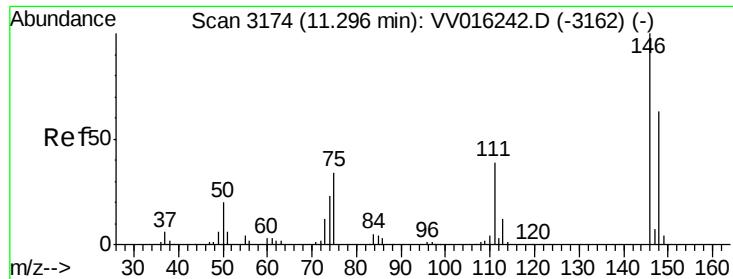
Abundance Ion 145.95 (145.65 to 146.65): VV016252.D (-3052) (-)

Ion 111.00 (110.70 to 111.70): VV016252.D (-3052) (-)

Ion 148.00 (147.70 to 148.70): VV016252.D (-3052) (-)

Time-->





#64

1,4-Dichlorobenzene

Concen: 11.361 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.00 min

Lab File: VV016252.D

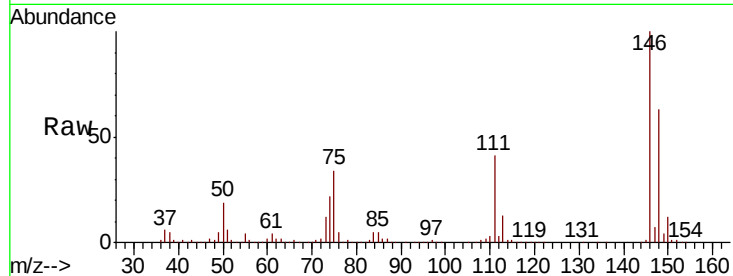
Acq: 28 May 2020 01:23

Instrument :

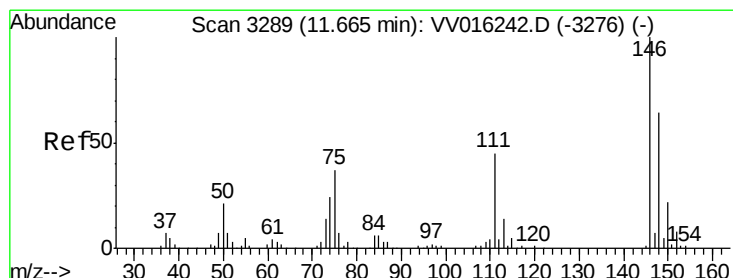
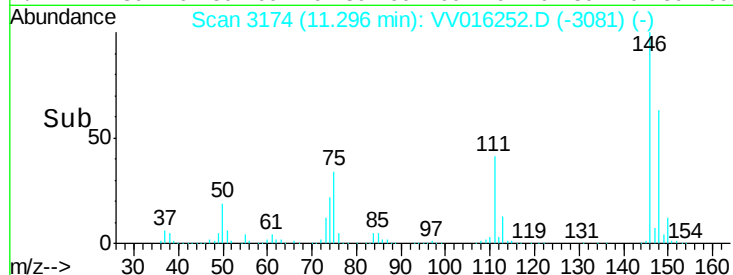
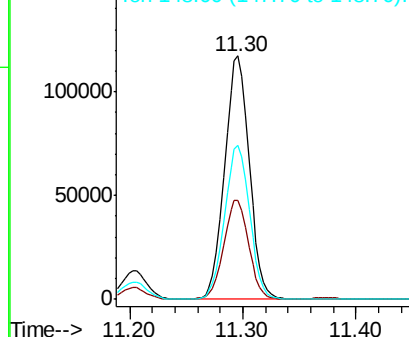
MSVOA_V

ClientSampled :

Tot Ion:146	Resp:	178265
Ion	Ratio	Lower Upper
146	100	
111	40.9	28.3 52.7
148	63.2	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: 15.078 ug/L

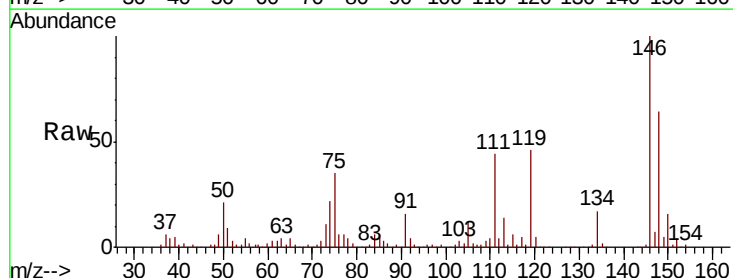
RT: 11.67 min Scan# 3289

Delta R.T. 0.00 min

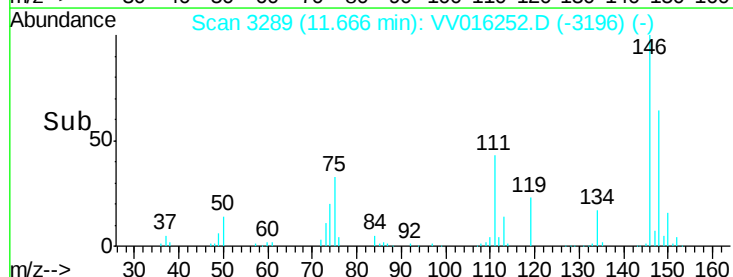
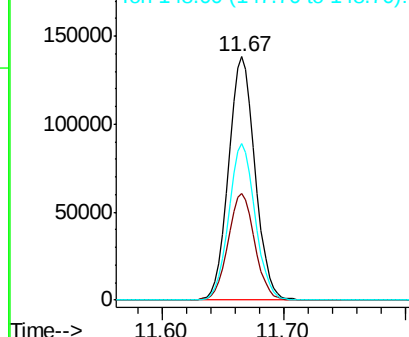
Lab File: VV016252.D

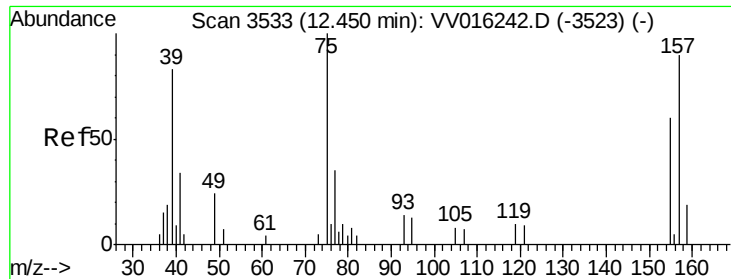
Acq: 28 May 2020 01:23

Tgt Ion:146	Resp:	210456
Ion	Ratio	Lower Upper
146	100	
111	43.8	35.7 53.5
148	64.1	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

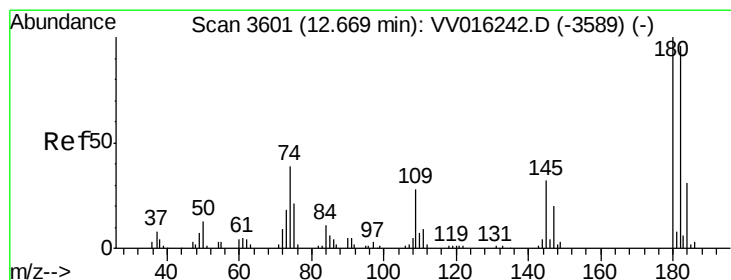
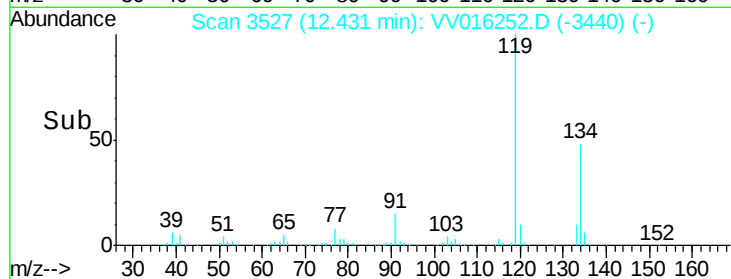
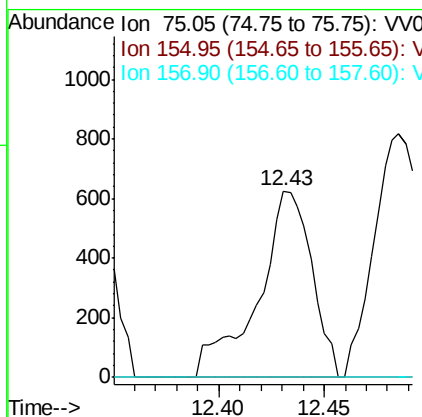
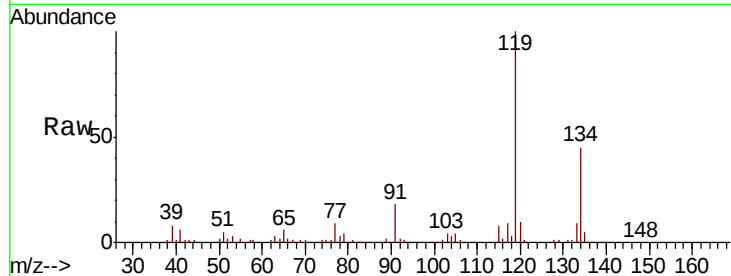




#67
 1,2-Dibromo-3-chloropropane
 Concen: 1.176 ug/L
 RT: 12.43 min Scan# 3527
 Delta R.T. -0.02 min
 Lab File: VV016252.D
 Acq: 28 May 2020 01:23

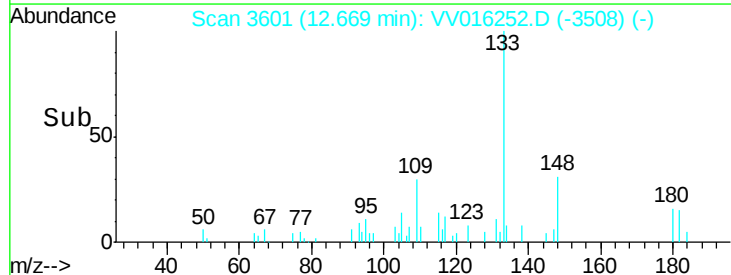
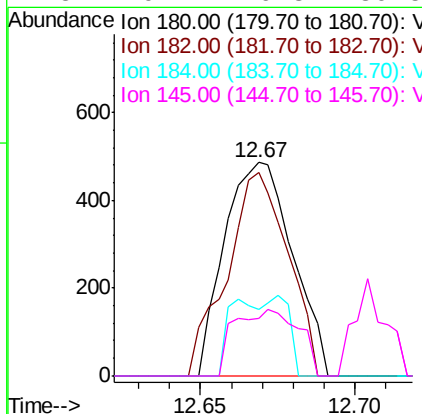
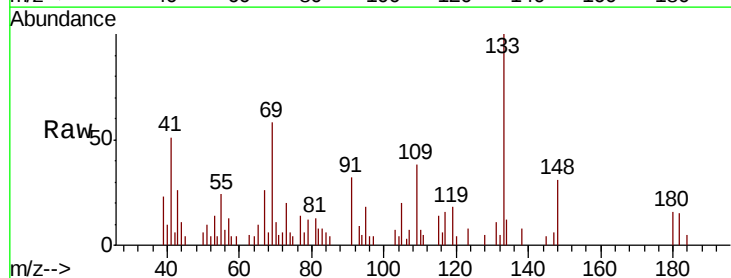
Instrument :
 MSVOA_V
 ClientSampled :

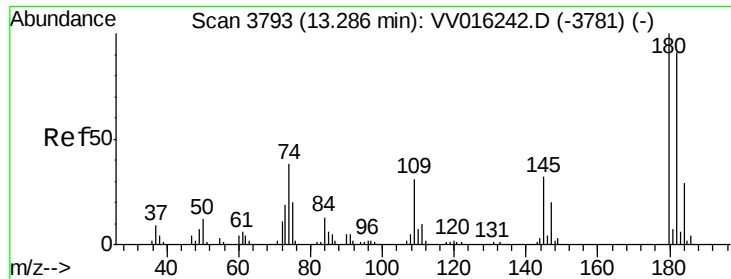
Tot Ion: 75 Resp: 1109
 Ion Ratio Lower Upper
 75 100
 155 0.0 56.2 84.4#
 157 0.0 71.9 107.9#



#68
 1,3,5-Trichlorobenzene
 Concen: 0.068 ug/L
 RT: 12.67 min Scan# 3601
 Delta R.T. 0.00 min
 Lab File: VV016252.D
 Acq: 28 May 2020 01:23

Tgt Ion: 180 Resp: 745
 Ion Ratio Lower Upper
 180 100
 182 85.8 77.1 115.7
 184 0.0 25.0 37.4#
 145 29.4 26.3 39.5

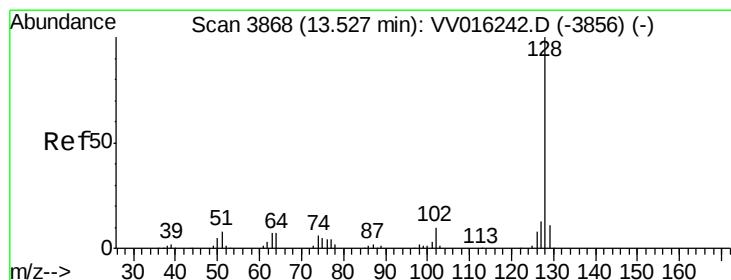
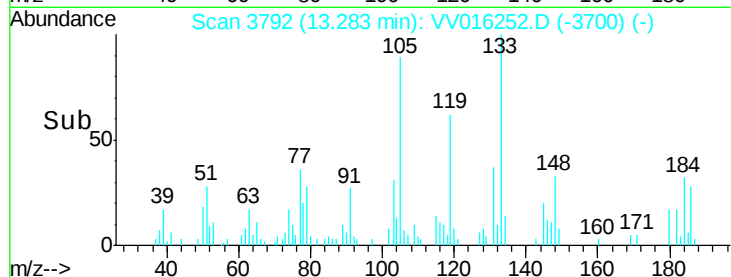
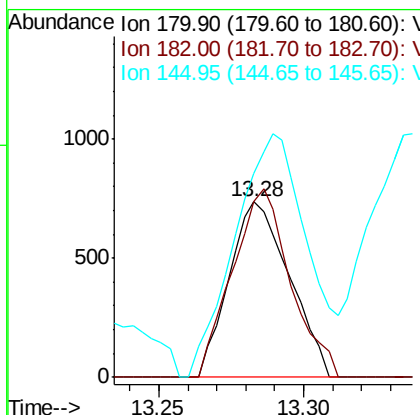
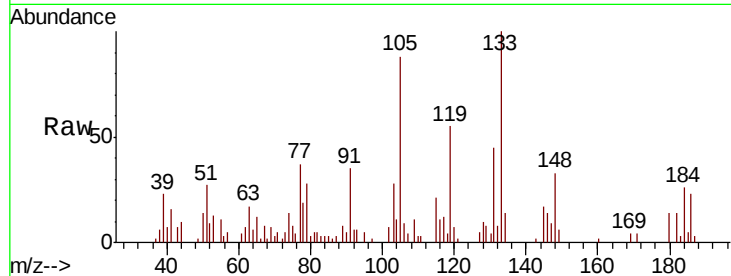




#69
 1,2,4-trichlorobenzene
 Concen: 0.111 ug/L
 RT: 13.28 min Scan# 3792
 Delta R.T. -0.00 min
 Lab File: VV016252.D
 Acq: 28 May 2020 01:23

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:180 Resp: 1061
 Ion Ratio Lower Upper
 180 100
 182 104.0 75.0 112.4
 145 167.7 27.1 40.7#



#70
 Naphthalene
 Concen: 9.124 ug/L
 RT: 13.52 min Scan# 3867
 Delta R.T. -0.00 min
 Lab File: VV016252.D
 Acq: 28 May 2020 01:23

Tgt Ion:128 Resp: 191273
 Ion Ratio Lower Upper
 128 100
 129 11.3 8.6 13.0
 127 13.1 10.6 15.8

