

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042920\
 Data File : VV015804.D
 Acq On : 29 Apr 2020 19:47
 Operator : SY/MD
 Sample : L2421-14DL 5X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 30 01:43:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 30 01:35:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	138064	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	131658	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	61762	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	38539	5.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.80%
7) Chloroethane-d5	1.57	69	30339	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.20%
11) 1,1-Dichloroethene-d2	2.11	63	59857	3.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.80%
20) 2-Butanone-d5	3.92	46	99862	43.10	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.20%
24) Chloroform-d	4.37	84	57984	3.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	69.00%#
26) 1,2-Dichloroethane-d4	5.05	65	45625	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	5.07	84	156080	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	6.09	67	49525	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.34	98	140693	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
43) trans-1,3-Dichloropropene-	7.65	79	16356	4.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
46) 2-Hexanone-d5	8.11	63	71013	37.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.00%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	31765	4.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	51017	4.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.20%

Target Compounds

					Ovalue
6) Bromomethane	1.53	94	461	0.098 ug/L	93
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	713	0.082 ug/L #	35
12) 1,1-Dichloroethene	2.12	96	795	0.099 ug/L #	1
16) Methylene chloride	2.52	84	3118	0.314 ug/L	99
17) Methyl tert-butyl Ether	2.79	73	1629	0.072 ug/L #	78
19) 1,1-Dichloroethane	3.21	63	4771	0.270 ug/L	93
22) cis-1,2-Dichloroethene	3.94	96	6006	0.604 ug/L	97
25) Chloroform	4.40	83	26277	1.401 ug/L	100
27) 1,2-Dichloroethane	5.17	62	1192	0.097 ug/L #	78
29) 1,1,1-Trichloroethane	4.63	97	3932	0.235 ug/L	96
33) Benzene	5.13	78	2987	0.079 ug/L	100
34) Trichloroethene	5.94	95	82310	7.924 ug/L	97
35) Methylcyclohexane	6.09	83	12190	0.765 ug/L #	17
37) 1,2-Dichloropropane	6.20	63	1051	0.110 ug/L #	86
38) Bromodichloromethane	6.54	83	1603	0.132 ug/L #	77
39) cis-1,3-Dichloropropene	7.05	75	1319	0.099 ug/L	98
42) Toluene	7.42	91	4881	0.121 ug/L	93

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

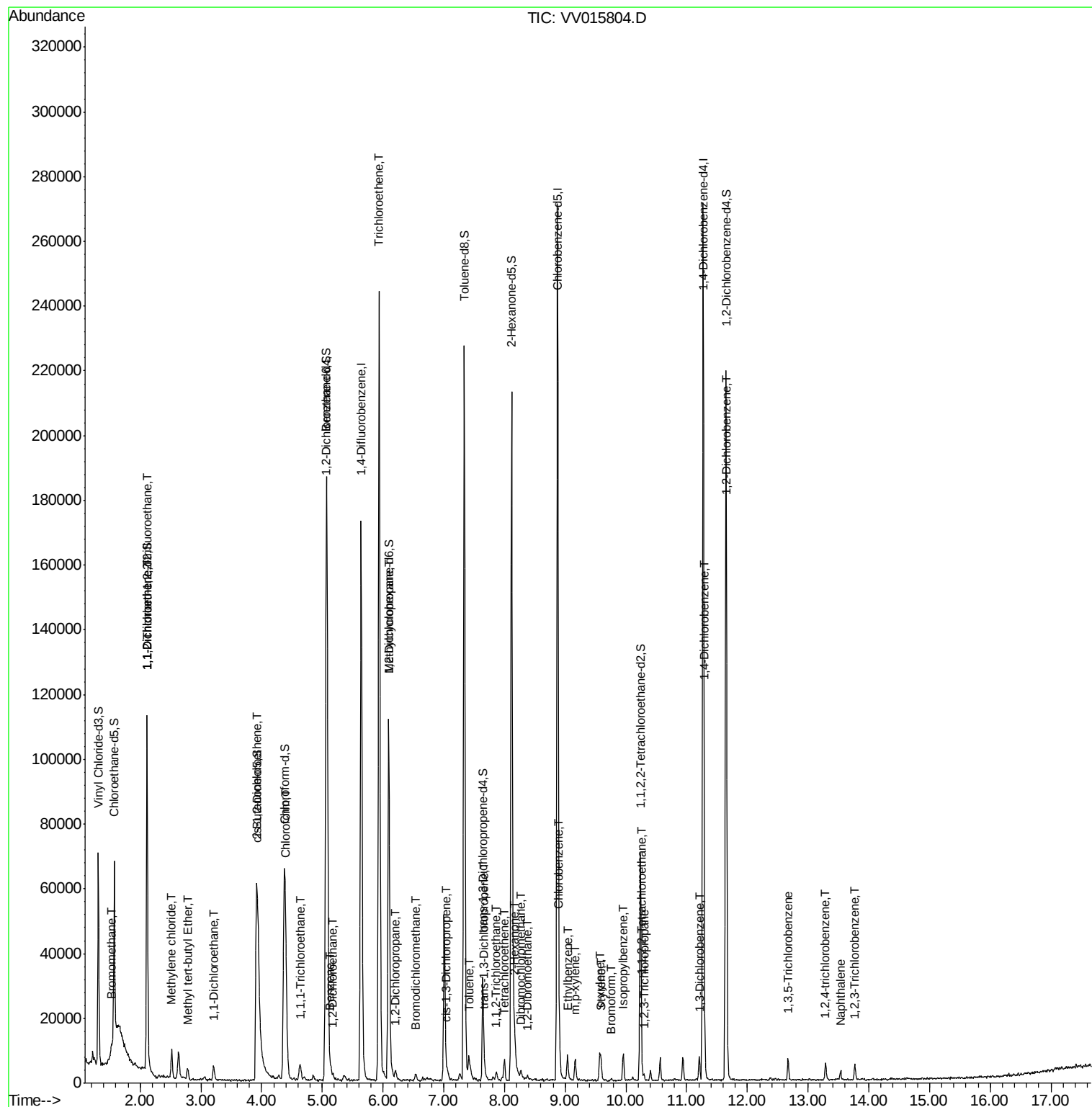
44) trans-1,3-Dichloropropene	7.68	75	1247	0.111	ug/L	99
45) 1,1,2-Trichloroethane	7.87	97	800	0.123	ug/L	93
47) Tetrachloroethene	8.00	164	1386	0.185	ug/L	96
48) 2-Hexanone	8.17	43	6677	1.509	ug/L #	88
49) Dibromochloromethane	8.27	129	858	0.127	ug/L	86
50) 1,2-Dibromoethane	8.38	107	832	0.138	ug/L #	99
51) Chlorobenzene	8.91	112	3433	0.130	ug/L	92
52) Ethylbenzene	9.04	91	5508	0.118	ug/L	94
53) m,p-xylene	9.16	106	1959	0.115	ug/L	87
54) o-xylene	9.57	106	1804	0.109	ug/L	94
55) Styrene	9.59	104	2863	0.102	ug/L	94
56) Isopropylbenzene	9.95	105	5082	0.110	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.27	83	1101	0.145	ug/L #	67
59) 1,2,3-Trichloropropane	10.30	75	799	0.131	ug/L	94
61) Bromoform	9.76	173	310	0.122	ug/L #	34
62) 1,3-Dichlorobenzene	11.21	146	2700	0.138	ug/L	94
63) 1,4-Dichlorobenzene	11.30	146	2595	0.132	ug/L	92
65) 1,2-Dichlorobenzene	11.67	146	2640	0.149	ug/L #	78
67) 1,3,5-Trichlorobenzene	12.67	180	2076	0.144	ug/L	91
68) 1,2,4-trichlorobenzene	13.29	180	1718	0.129	ug/L	98
69) Naphthalene	13.53	128	2395	0.101	ug/L #	94
70) 1,2,3-Trichlorobenzene	13.77	180	1554	0.132	ug/L	93

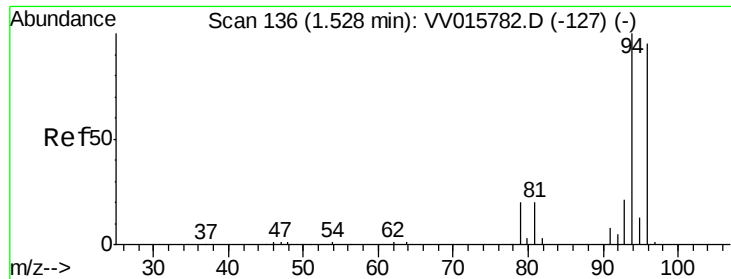
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#6

Bromomethane

Concen: 0.098 ug/L

RT: 1.53 min Scan# 137

Delta R.T. 0.00 min

Lab File: VV015804.D

Acq: 29 Apr 2020 19:47

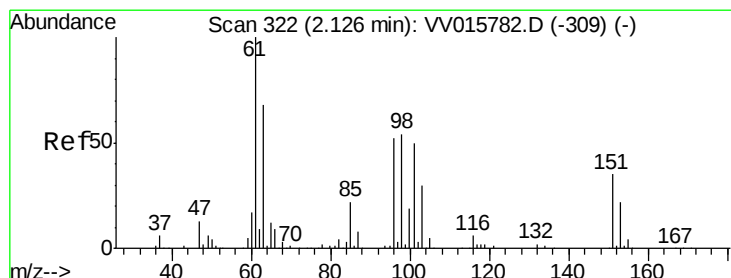
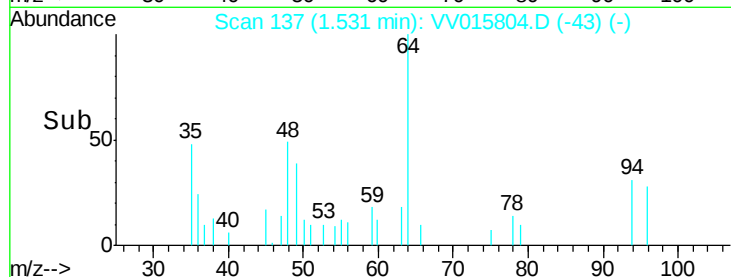
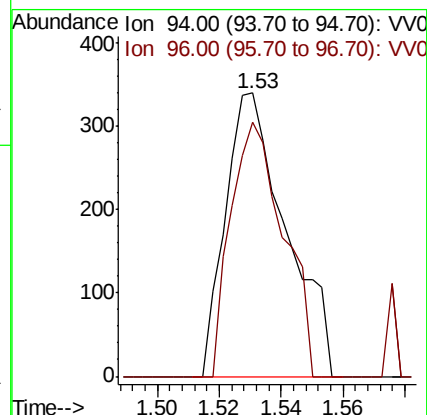
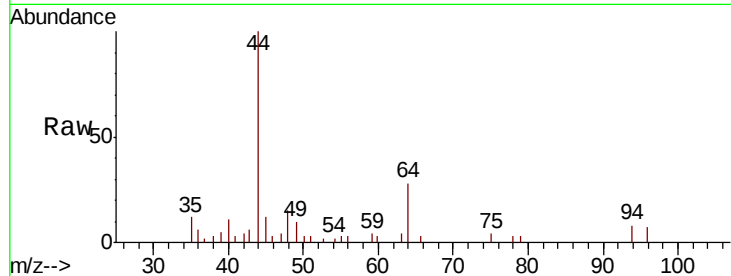
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 94 Resp: 461

Ion Ratio Lower Upper

94 100

96 89.7 67.3 125.1



#10

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

Concen: 0.082 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV015804.D

Acq: 29 Apr 2020 19:47

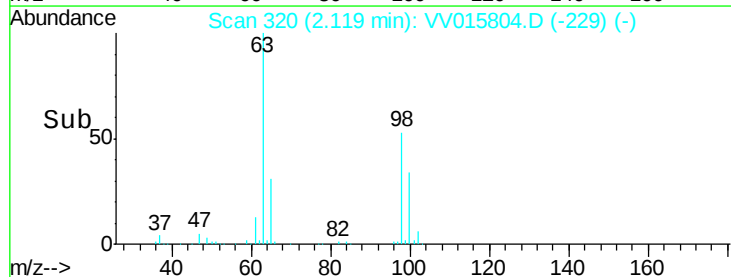
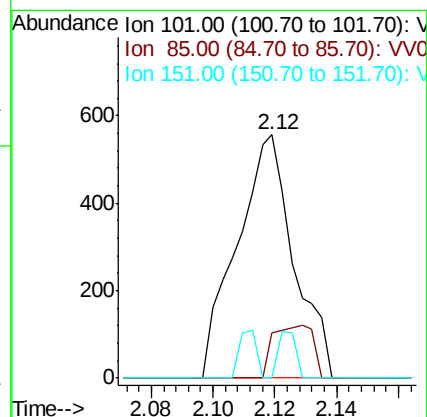
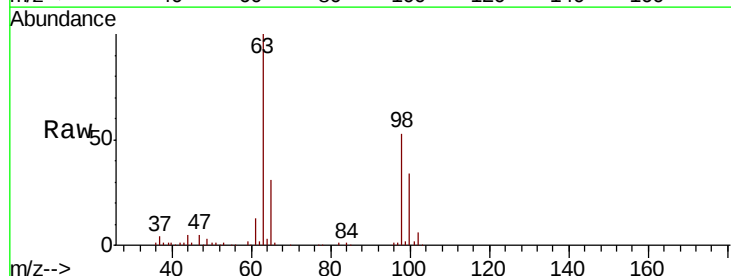
Tgt Ion: 101 Resp: 713

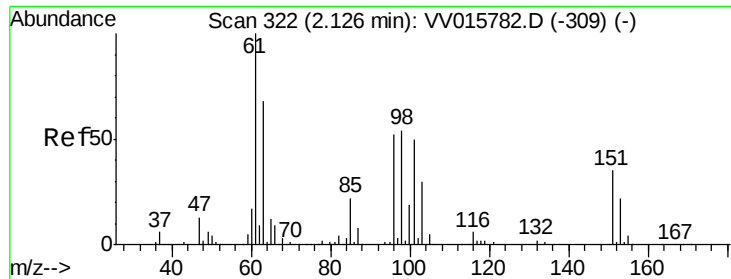
Ion Ratio Lower Upper

101 100

85 15.1 36.1 54.1#

151 5.8 55.2 82.8#





#12

1,1-Dichloroethene

Concen: 0.099 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV015804.D

Acq: 29 Apr 2020 19:47

Instrument :

MSVOA_V

ClientSampleId :

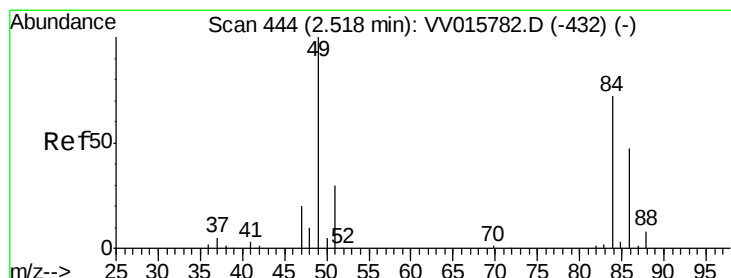
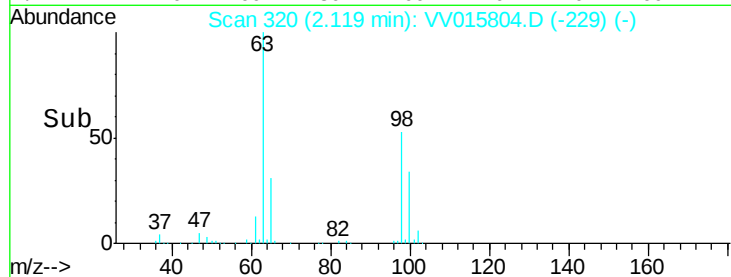
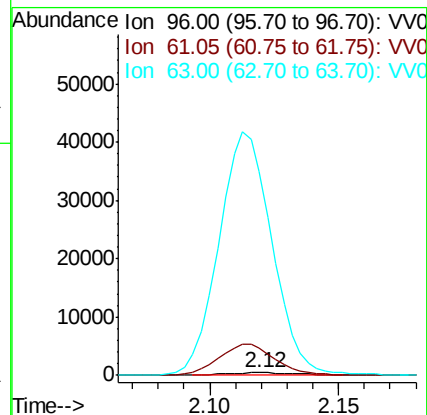
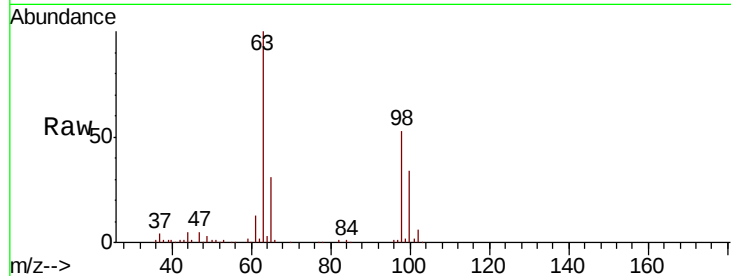
Tot Ion: 96 Resp: 795

Ion Ratio Lower Upper

96 100

61 1053.9 130.1 241.7#

63 7831.8 91.4 169.8#



#16

Methylene chloride

Concen: 0.314 ug/L

RT: 2.52 min Scan# 445

Delta R.T. 0.00 min

Lab File: VV015804.D

Acq: 29 Apr 2020 19:47

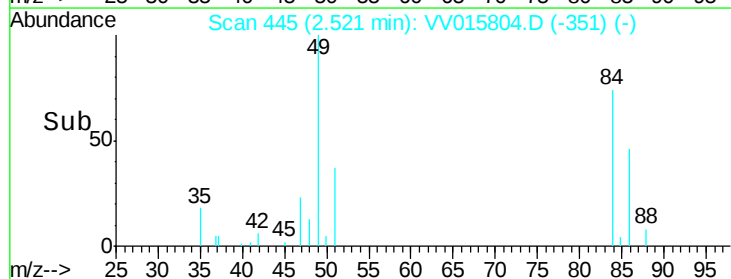
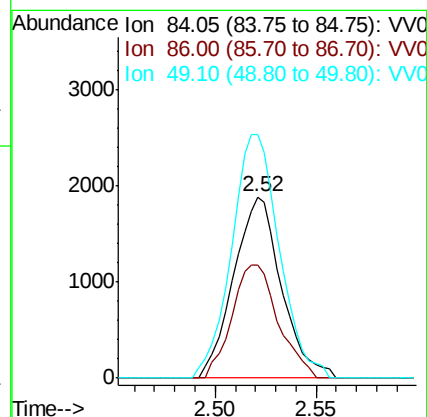
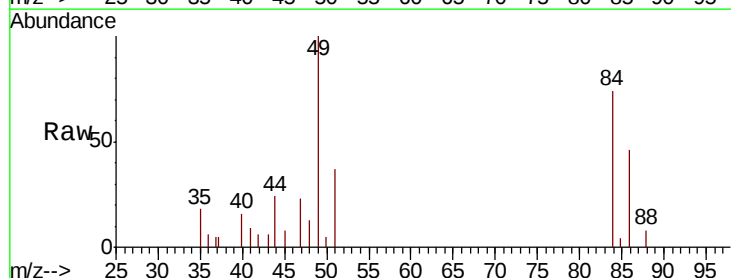
Tgt Ion: 84 Resp: 3118

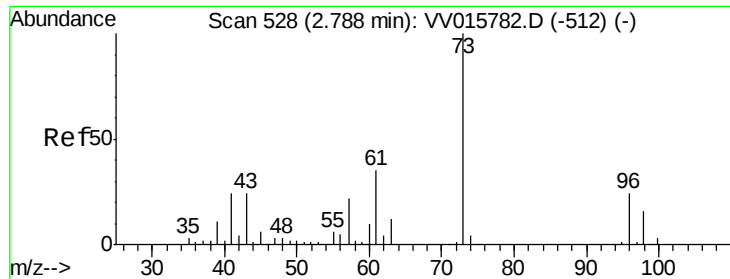
Ion Ratio Lower Upper

84 100

86 62.2 45.1 83.7

49 134.2 94.4 175.4

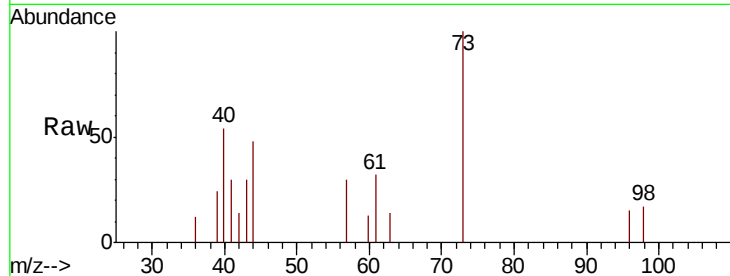




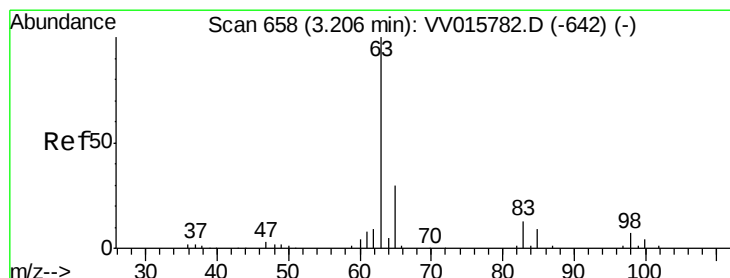
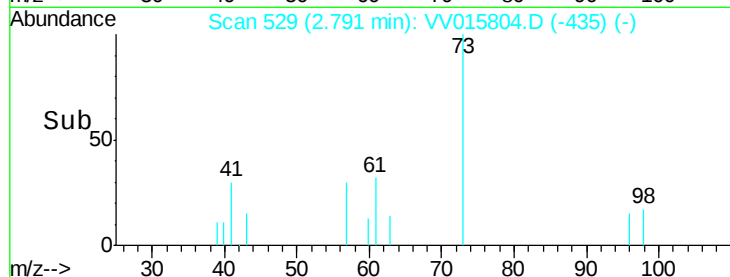
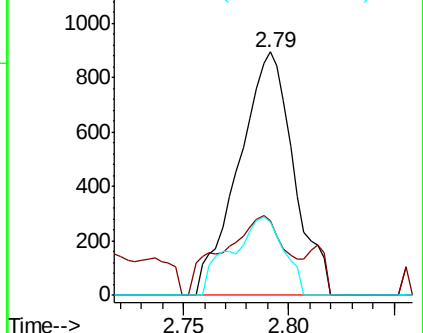
#17
Methvl tert-butvl Ether
Concen: 0.072 ug/L
RT: 2.79 min Scan# 529
Delta R.T. 0.00 min
Lab File: VV015804.D
Acq: 29 Apr 2020 19:47

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 73 Resp: 1629
Ion Ratio Lower Upper
73 100
43 38.1 20.1 30.1#
57 30.9 17.8 26.8#

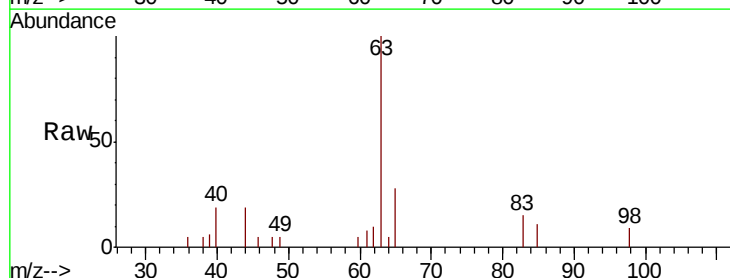


Abundance Ion 73.10 (72.80 to 73.80): VV0
Ion 43.05 (42.75 to 43.75): VV0
Ion 57.10 (56.80 to 57.80): VV0

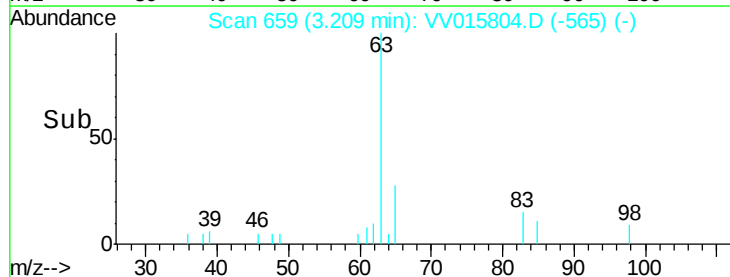
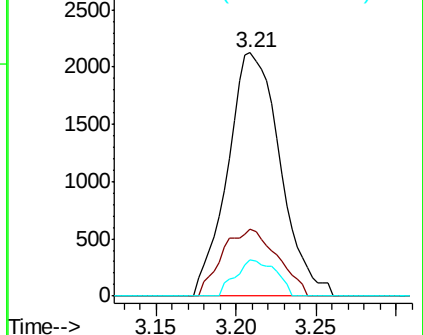


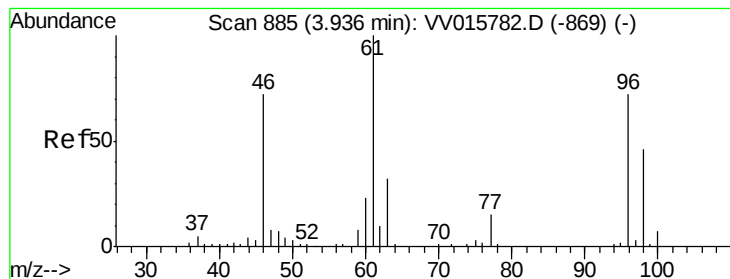
#19
1,1-Dichloroethane
Concen: 0.270 ug/L
RT: 3.21 min Scan# 659
Delta R.T. 0.00 min
Lab File: VV015804.D
Acq: 29 Apr 2020 19:47

Tgt Ion: 63 Resp: 4771
Ion Ratio Lower Upper
63 100
65 27.6 22.3 41.3
83 15.1 9.3 17.3



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 65.10 (64.80 to 65.80): VV0
Ion 83.05 (82.75 to 83.75): VV0





#22

cis-1,2-Dichloroethene

Concen: 0.604 ug/L

RT: 3.94 min Scan# 885

Delta R.T. -0.00 min

Lab File: VV015804.D

Acq: 29 Apr 2020 19:47

Instrument :

MSVOA_V

ClientSampleId :

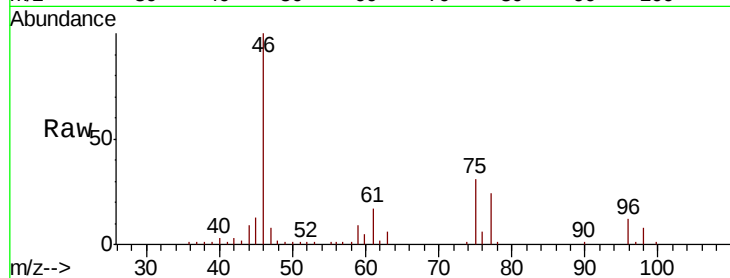
Tot Ion: 96 Resp: 6006

Ion Ratio Lower Upper

96 100

61 141.8 96.4 179.0

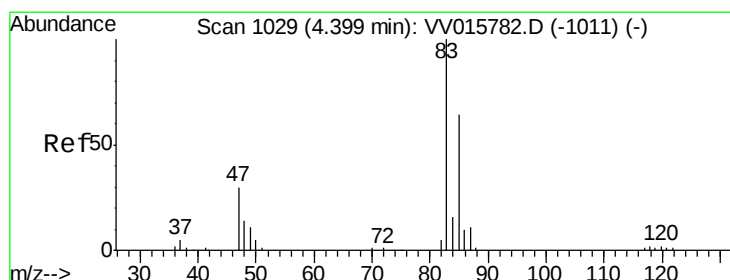
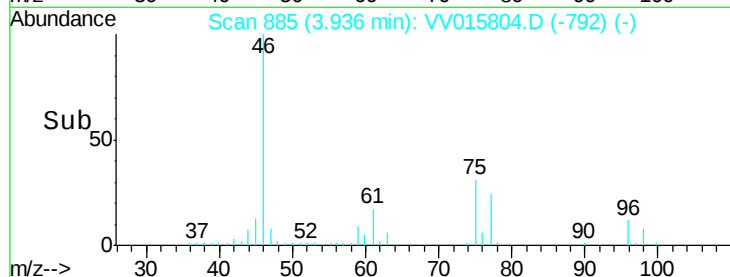
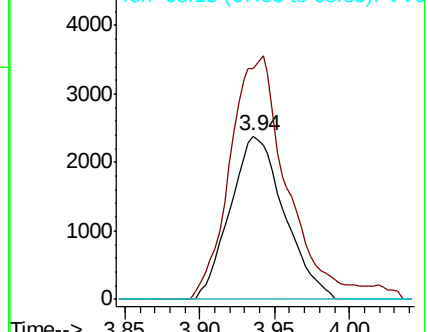
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV015804.D (-792) (-)

Ion 61.05 (60.75 to 61.75): VV015804.D (-792) (-)

Ion 68.15 (67.85 to 68.85): VV015804.D (-792) (-)



#25

Chloroform

Concen: 1.401 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VV015804.D

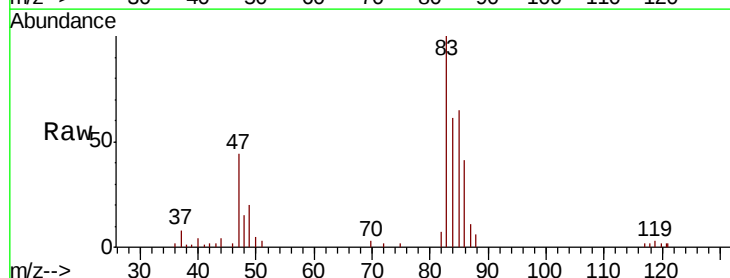
Acq: 29 Apr 2020 19:47

Tgt Ion: 83 Resp: 26277

Ion Ratio Lower Upper

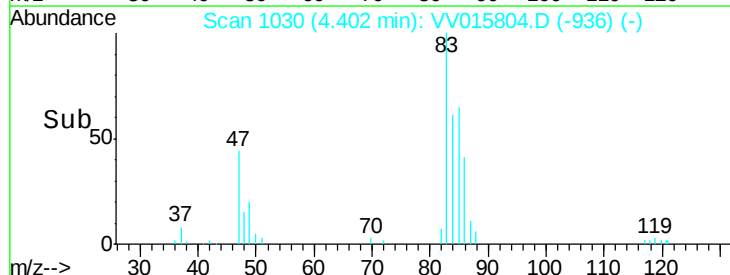
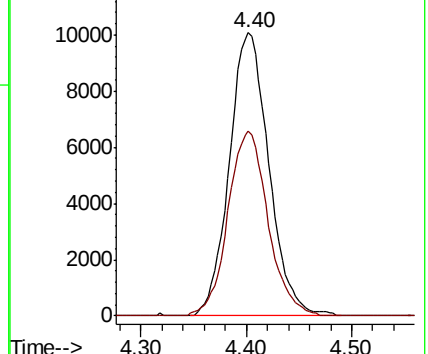
83 100

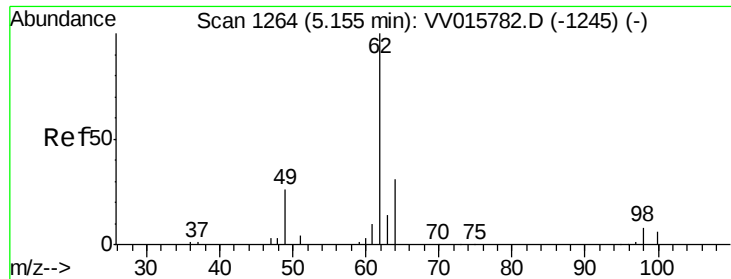
85 65.5 46.1 85.5



Abundance Ion 83.05 (82.75 to 83.75): VV015804.D (-936) (-)

Ion 85.00 (84.70 to 85.70): VV015804.D (-936) (-)

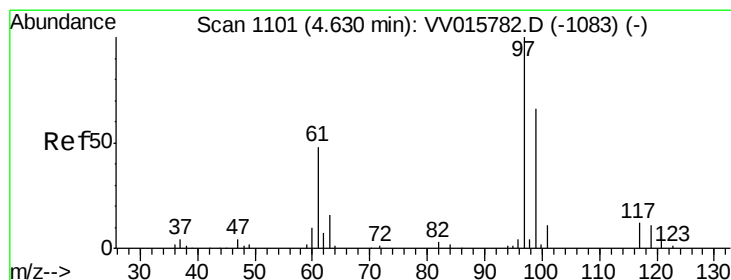
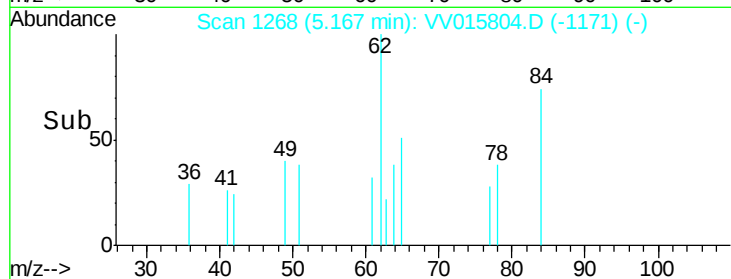
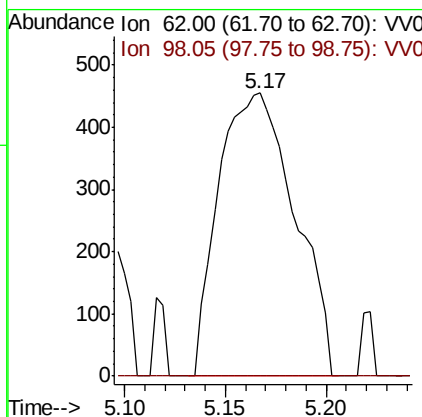
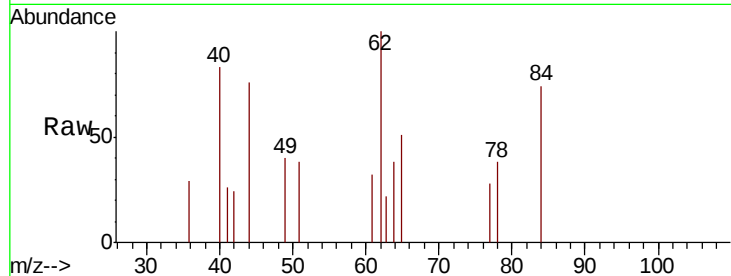




#27
 1,2-Dichloroethane
 Concen: 0.097 ug/L
 RT: 5.17 min Scan# 1268
 Delta R.T. 0.01 min
 Lab File: VV015804.D
 Acq: 29 Apr 2020 19:47

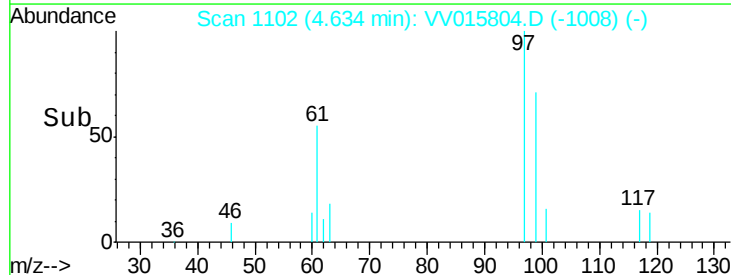
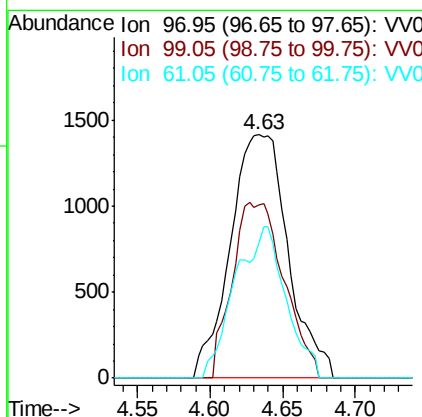
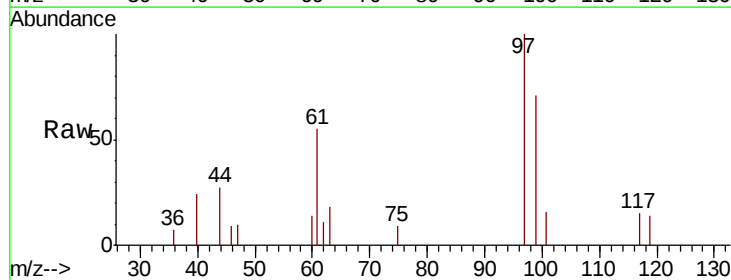
Instrument :
 MSVOA_V
 ClientSampled :

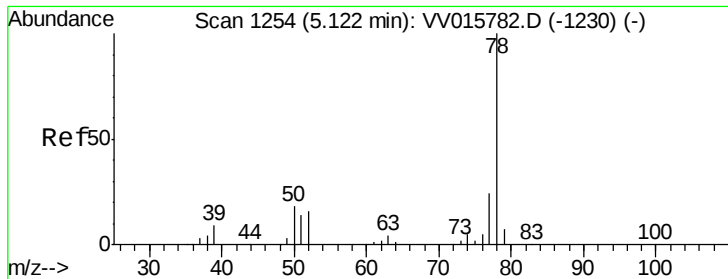
Tot Ion: 62 Resp: 1192
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.3 9.5#



#29
 1,1,1-Trichloroethane
 Concen: 0.235 ug/L
 RT: 4.63 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VV015804.D
 Acq: 29 Apr 2020 19:47

Tgt Ion: 97 Resp: 3932
 Ion Ratio Lower Upper
 97 100
 99 64.5 51.6 77.4
 61 54.6 38.6 57.8





#33

Benzene

Concen: 0.079 ug/L

RT: 5.13 min Scan# 1257

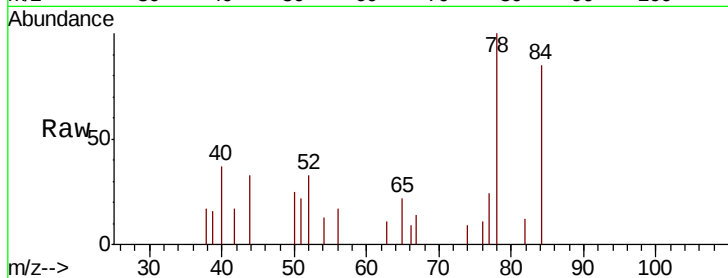
Delta R.T. 0.01 min

Lab File: VV015804.D

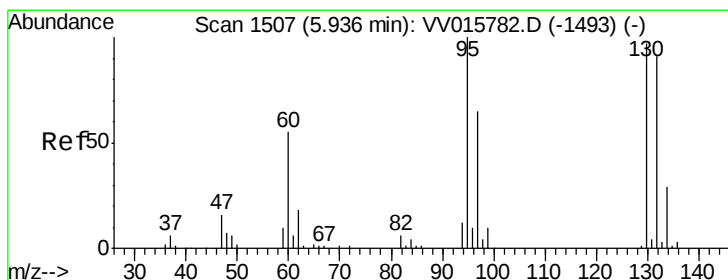
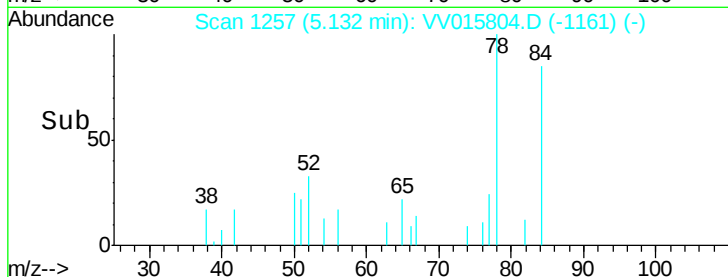
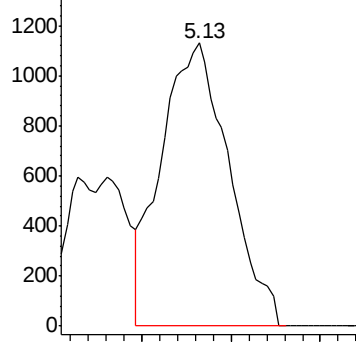
Acq: 29 Apr 2020 19:47

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 78 Resp: 2987



Abundance Ion 78.10 (77.80 to 78.80): VV0



#34

Trichloroethene

Concen: 7.924 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. -0.00 min

Lab File: VV015804.D

Acq: 29 Apr 2020 19:47

Tgt Ion: 95 Resp: 82310

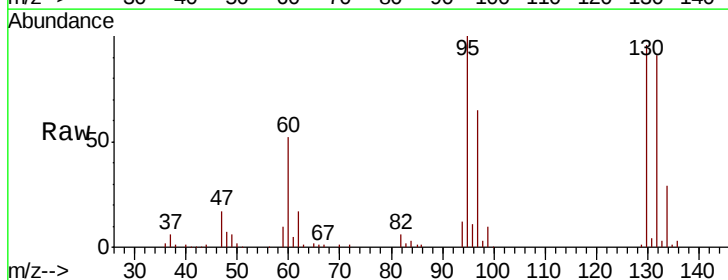
Ion Ratio Lower Upper

95 100

97 65.0 44.7 82.9

132 90.8 65.2 121.0

130 96.4 65.0 120.6

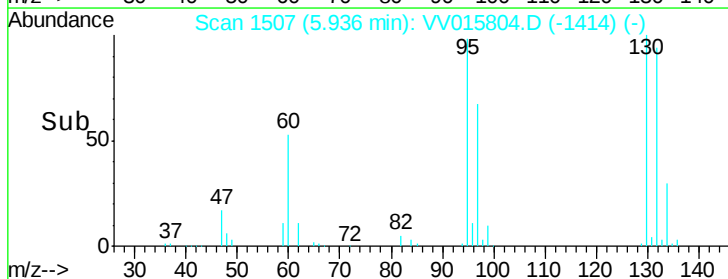
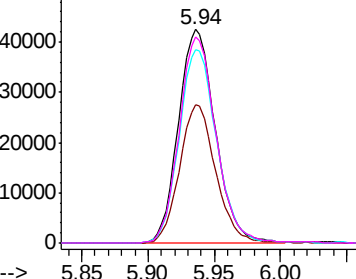


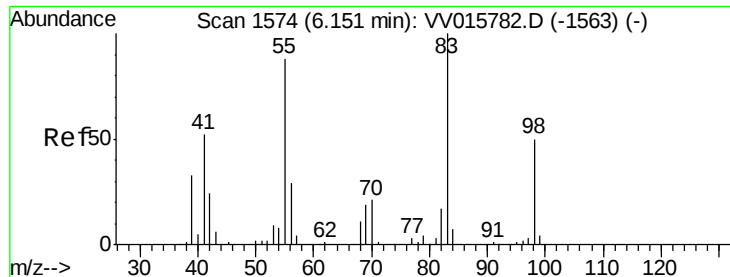
Abundance Ion 95.00 (94.70 to 95.70): VV0

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

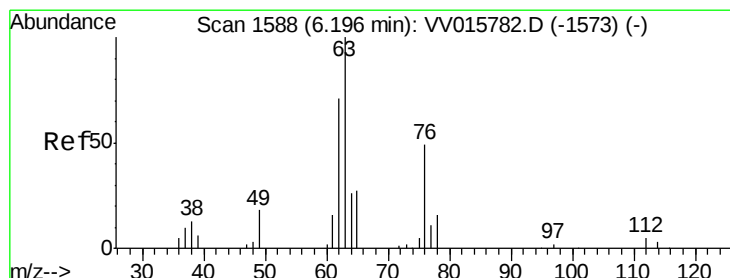
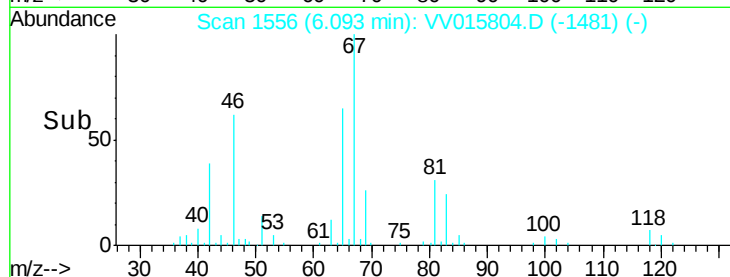
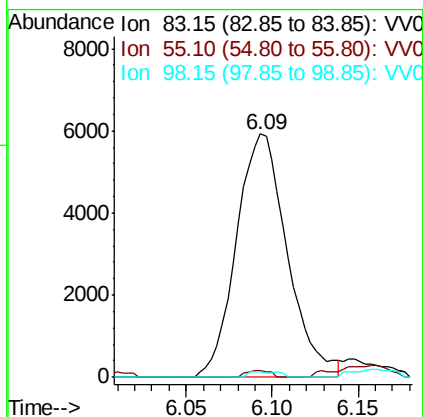
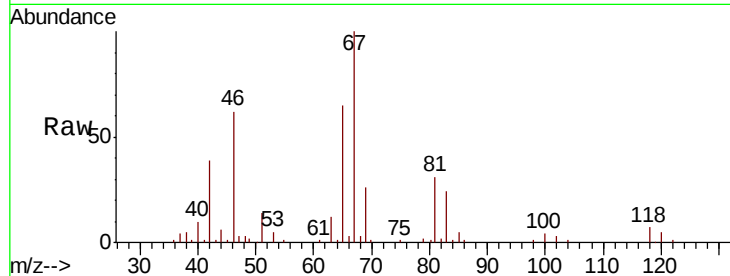




#35
Methvlcvclohexane
Concen: 0.765 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV015804.D
Acq: 29 Apr 2020 19:47

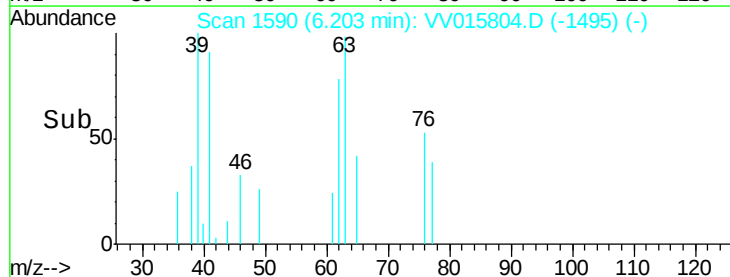
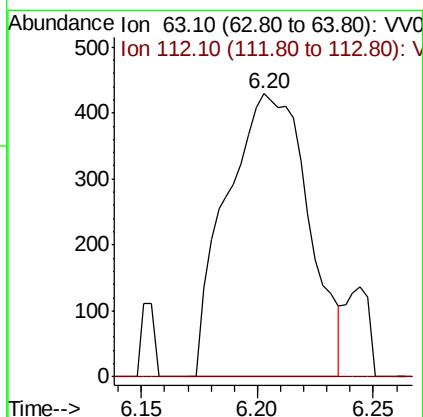
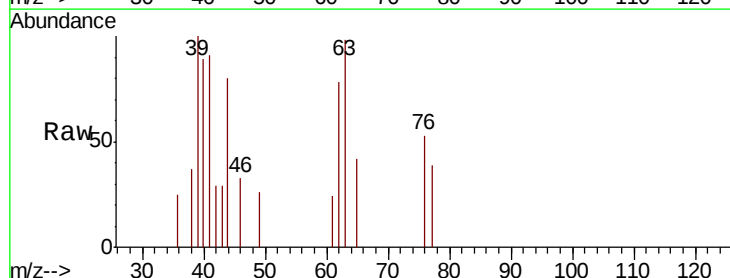
Instrument :
MSVOA_V
ClientSampleId :

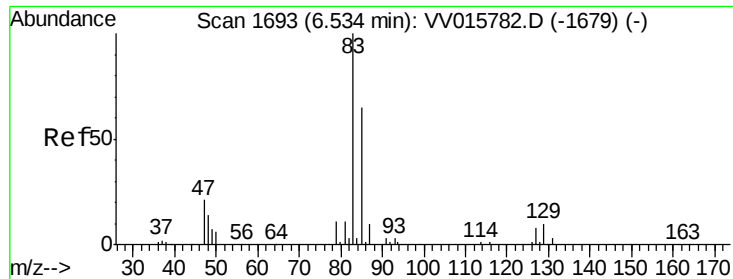
Tot Ion: 83 Resp: 12190
Ion Ratio Lower Upper
83 100
55 1.3 66.6 99.8#
98 1.4 39.5 59.3#



#37
1,2-Dichloropropane
Concen: 0.110 ug/L
RT: 6.20 min Scan# 1590
Delta R.T. 0.01 min
Lab File: VV015804.D
Acq: 29 Apr 2020 19:47

Tgt Ion: 63 Resp: 1051
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#





#38

Bromodichloromethane

Concen: 0.132 ug/L

RT: 6.54 min Scan# 1694

Delta R.T. 0.00 min

Lab File: VV015804.D

Acq: 29 Apr 2020 19:47

Instrument :

MSVOA_V

ClientSampled :

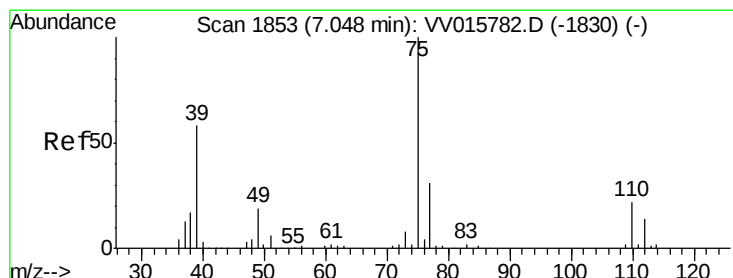
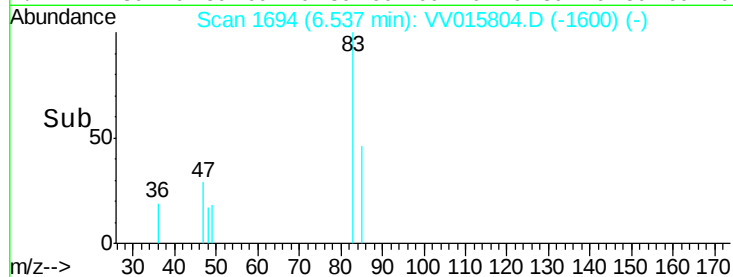
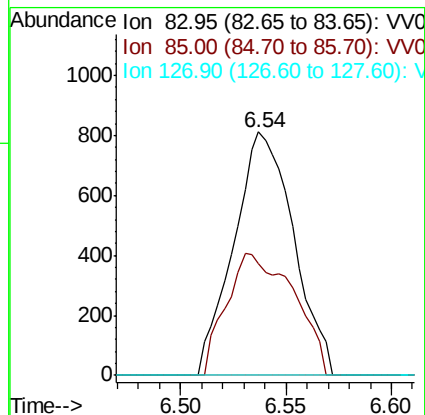
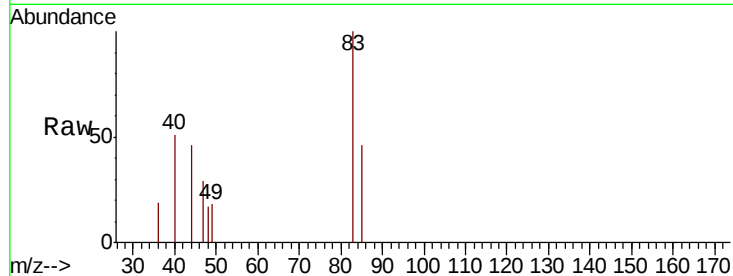
Tot Ion: 83 Resp: 1603

Ion Ratio Lower Upper

83 100

85 45.7 44.7 83.1

127 0.0 5.8 8.6#



#39

cis-1,3-Dichloropropene

Concen: 0.099 ug/L

RT: 7.05 min Scan# 1855

Delta R.T. 0.01 min

Lab File: VV015804.D

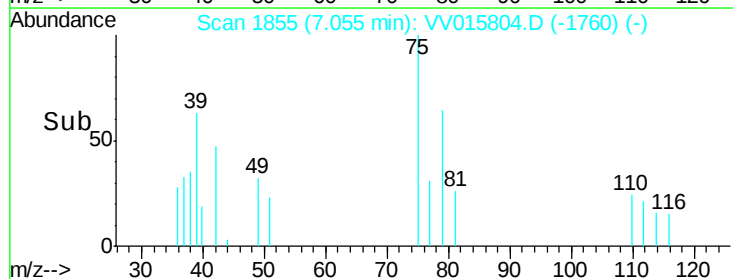
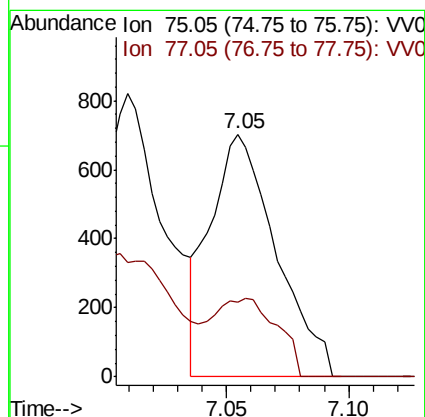
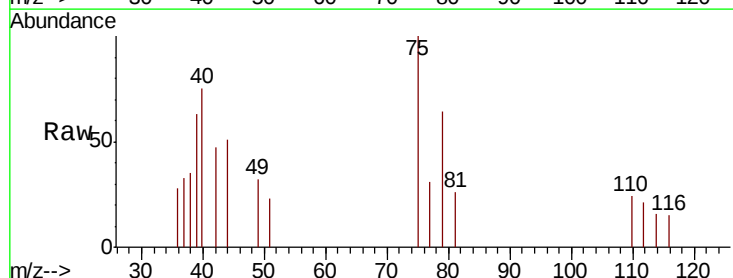
Acq: 29 Apr 2020 19:47

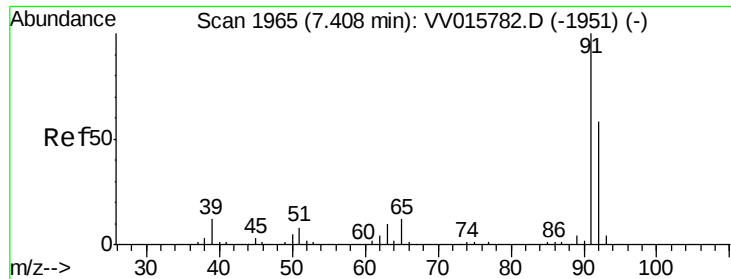
Tgt Ion: 75 Resp: 1319

Ion Ratio Lower Upper

75 100

77 31.0 22.3 41.5





#42

Toluene

Concen: 0.121 ug/L

RT: 7.42 min Scan# 1968

Delta R.T. 0.01 min

Lab File: VV015804.D

Acq: 29 Apr 2020 19:47

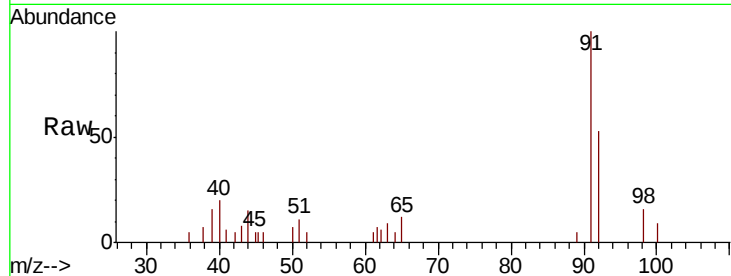
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 91 Resp: 4881

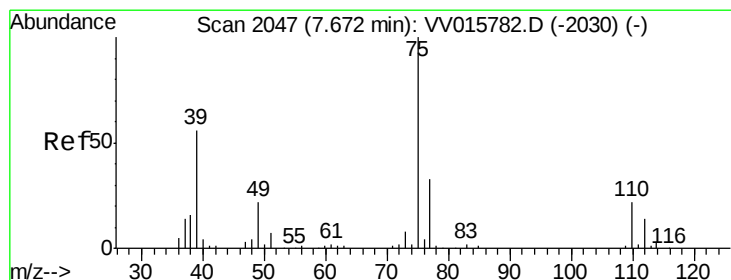
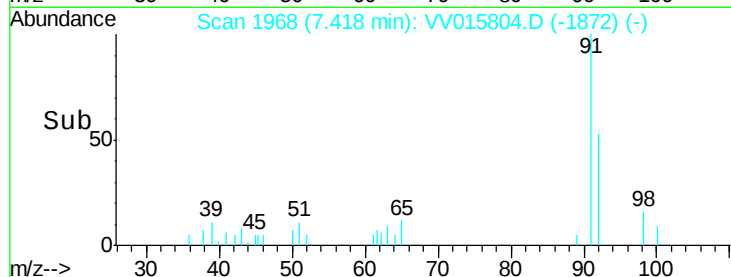
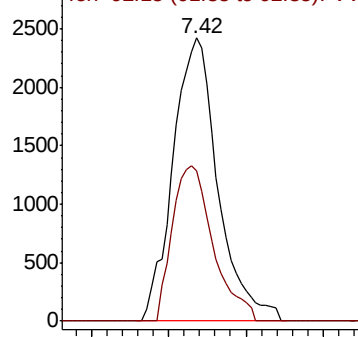
Ion Ratio Lower Upper

91 100

92 53.0 40.7 75.7



Abundance Ion 91.15 (90.85 to 91.85): VV0
Ion 92.15 (91.85 to 92.85): VV0



#44

trans-1,3-Dichloropropene

Concen: 0.111 ug/L

RT: 7.68 min Scan# 2048

Delta R.T. 0.00 min

Lab File: VV015804.D

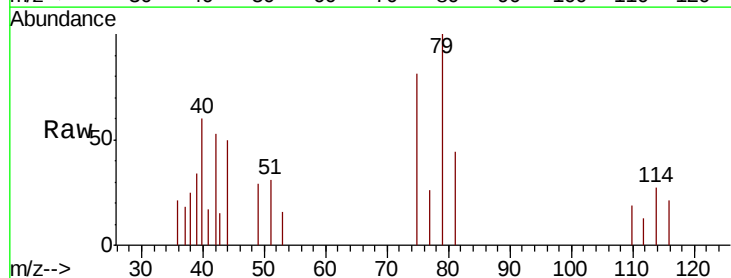
Acq: 29 Apr 2020 19:47

Tgt Ion: 75 Resp: 1247

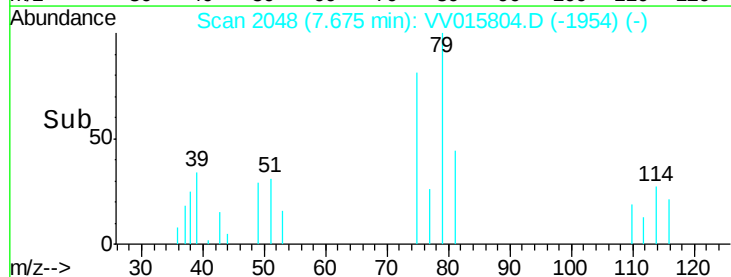
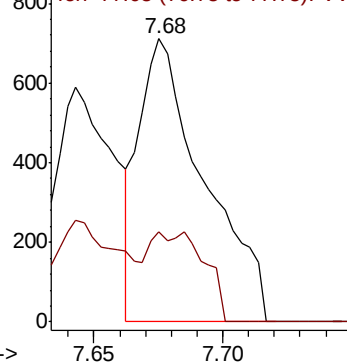
Ion Ratio Lower Upper

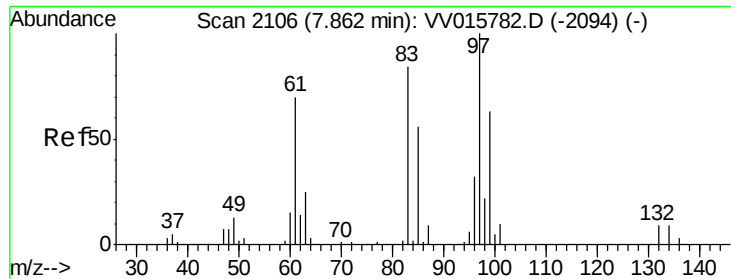
75 100

77 31.8 21.8 40.6



Abundance Ion 75.05 (74.75 to 75.75): VV0
Ion 77.05 (76.75 to 77.75): VV0

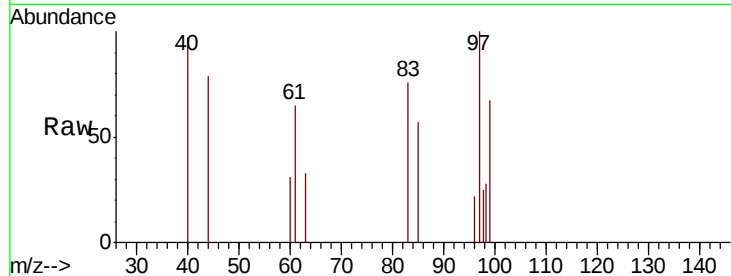




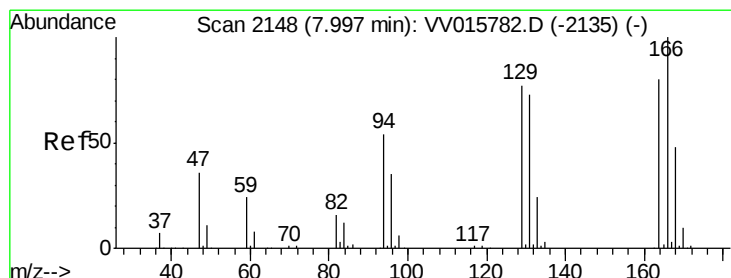
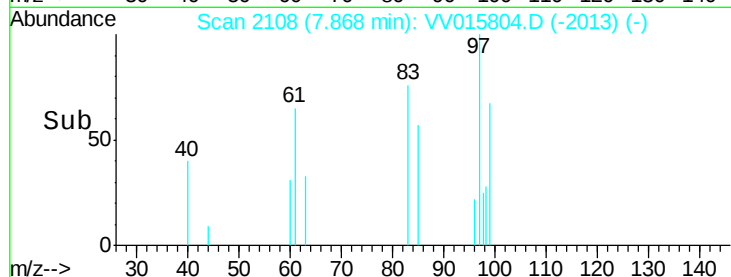
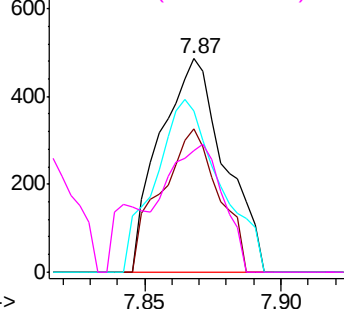
#45
 1,1,2-Trichloroethane
 Concen: 0.123 ug/L
 RT: 7.87 min Scan# 2108
 Delta R.T. 0.01 min
 Lab File: VV015804.D
 Acq: 29 Apr 2020 19:47

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:	97	Resp:	800
Ion	Ratio	Lower	Upper
97	100		
99	66.9	45.4	84.4
83	75.5	61.3	113.9
85	57.0	38.4	71.4

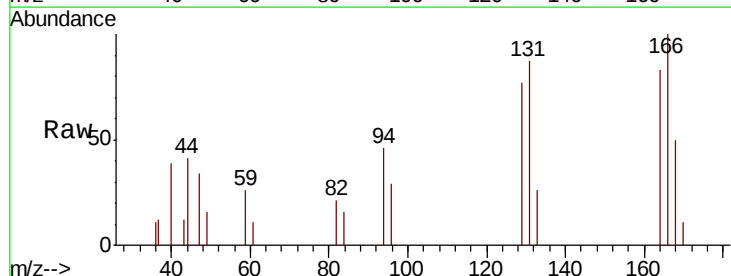


Abundance Ion 96.95 (96.65 to 97.65): VV015804.D (-2013) (-)
 Ion 99.05 (98.75 to 99.75): VV015804.D (-2013) (-)
 Ion 82.95 (82.65 to 83.65): VV015804.D (-2013) (-)
 Ion 85.00 (84.70 to 85.70): VV015804.D (-2013) (-)

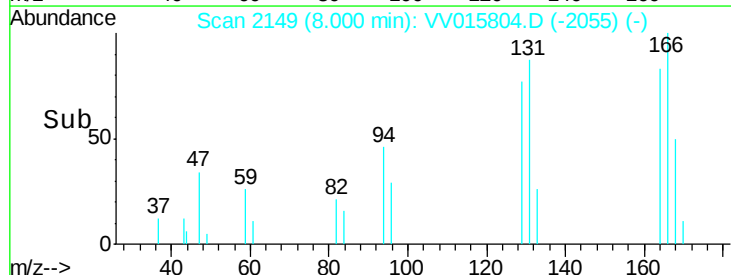
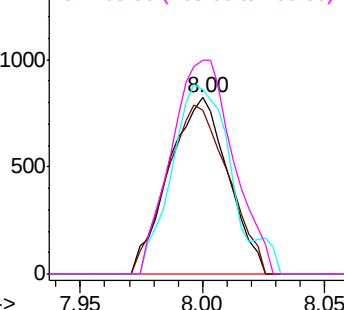


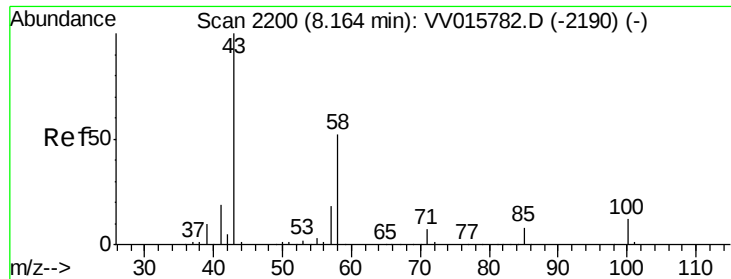
#47
 Tetrachloroethene
 Concen: 0.185 ug/L
 RT: 8.00 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: VV015804.D
 Acq: 29 Apr 2020 19:47

Tgt Ion:	164	Resp:	1386
Ion	Ratio	Lower	Upper
164	100		
129	92.8	66.7	123.9
131	104.6	66.6	123.6
166	120.8	85.3	158.5



Abundance Ion 163.90 (163.60 to 164.60): VV015804.D (-2055) (-)
 Ion 128.95 (128.65 to 129.65): VV015804.D (-2055) (-)
 Ion 130.95 (130.65 to 131.65): VV015804.D (-2055) (-)
 Ion 165.90 (165.60 to 166.60): VV015804.D (-2055) (-)

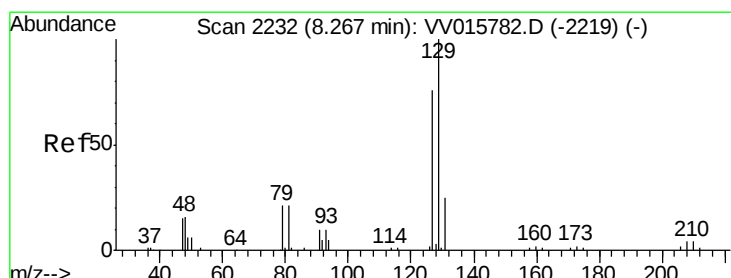
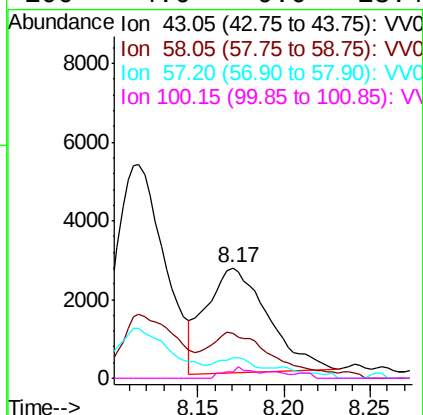
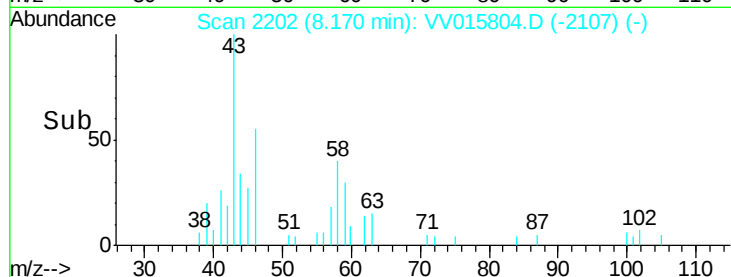
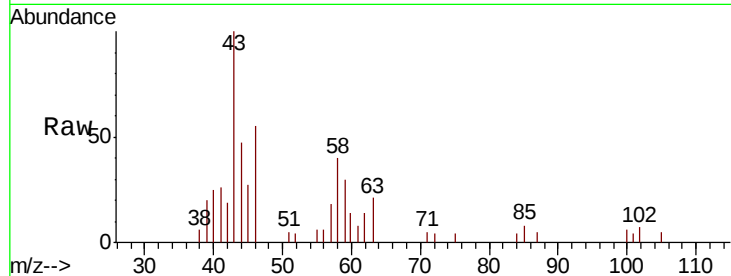




#48
2-Hexanone
Concen: 1.509 ug/L
RT: 8.17 min Scan# 2202
Delta R.T. 0.01 min
Lab File: VV015804.D
Acq: 29 Apr 2020 19:47

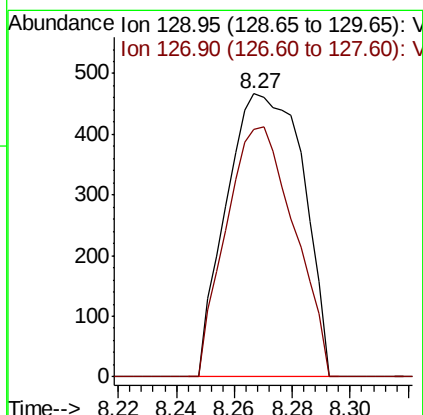
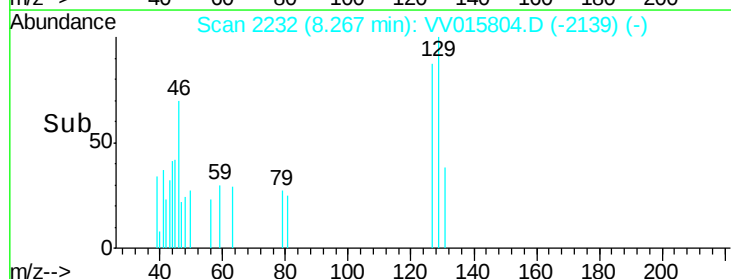
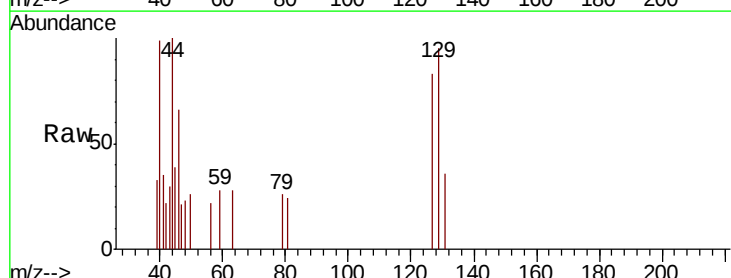
Instrument :
MSVOA_V
ClientSampleId :

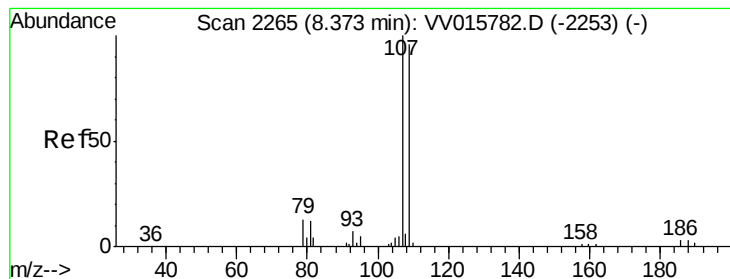
Tot Ion: 43 Resp: 6677
Ion Ratio Lower Upper
43 100
58 47.5 41.1 61.7
57 6.0 15.0 22.4#
100 4.6 9.0 13.4#



#49
Dibromochloromethane
Concen: 0.127 ug/L
RT: 8.27 min Scan# 2232
Delta R.T. -0.00 min
Lab File: VV015804.D
Acq: 29 Apr 2020 19:47

Tgt Ion: 129 Resp: 858
Ion Ratio Lower Upper
129 100
127 87.4 52.6 97.8

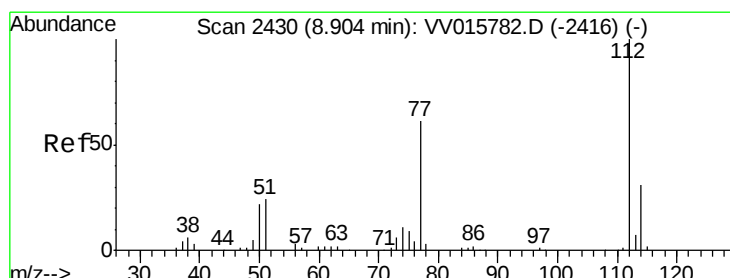
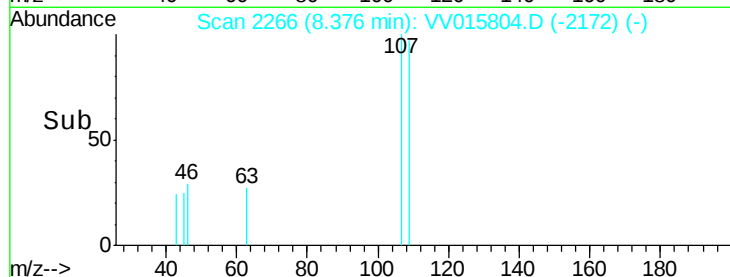
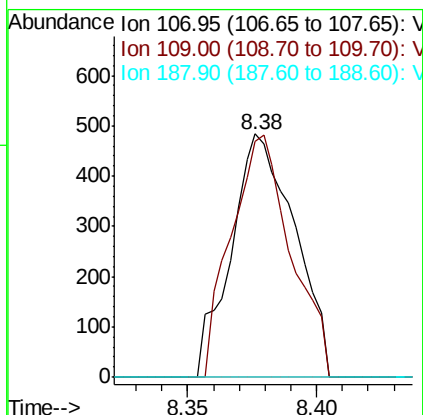
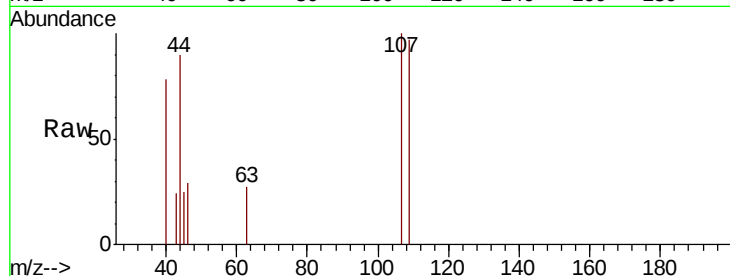




#50
 1,2-Dibromoethane
 Concen: 0.138 ug/L
 RT: 8.38 min Scan# 2266
 Delta R.T. 0.00 min
 Lab File: VV015804.D
 Acq: 29 Apr 2020 19:47

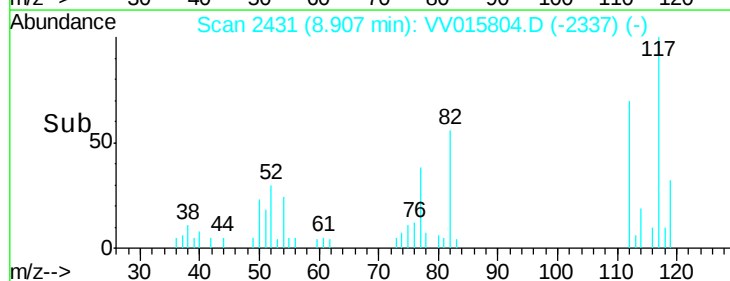
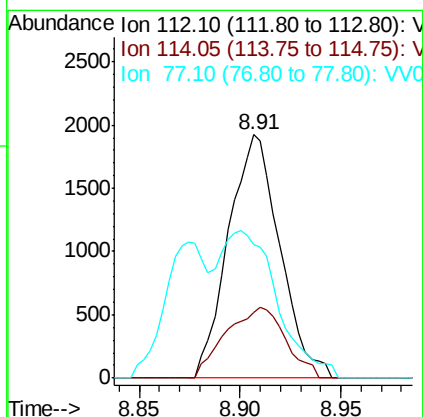
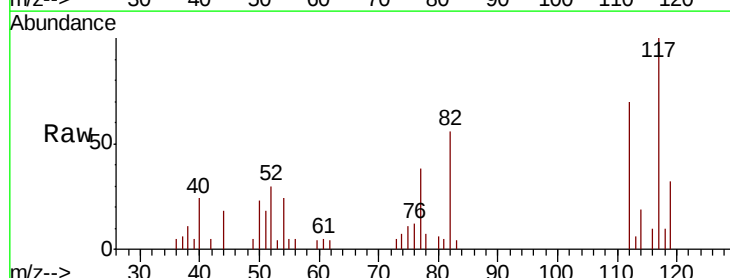
Instrument :
 MSVOA_V
 ClientSampleId :

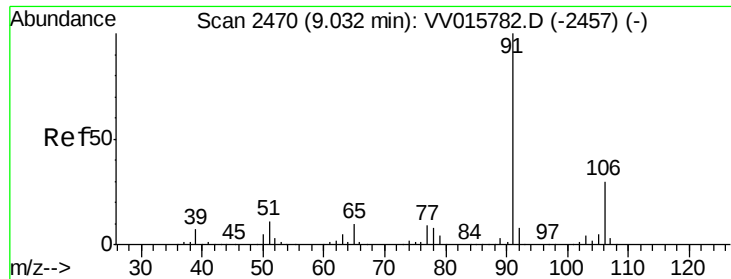
Tot Ion:107 Resp: 832
 Ion Ratio Lower Upper
 107 100
 109 96.7 68.1 126.5
 188 0.0 3.2 4.8#



#51
 Chlorobenzene
 Concen: 0.130 ug/L
 RT: 8.91 min Scan# 2431
 Delta R.T. 0.00 min
 Lab File: VV015804.D
 Acq: 29 Apr 2020 19:47

Tgt Ion:112 Resp: 3433
 Ion Ratio Lower Upper
 112 100
 114 27.0 21.6 40.2
 77 54.8 48.9 73.3

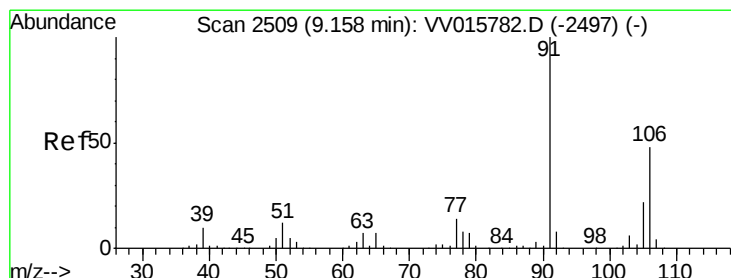
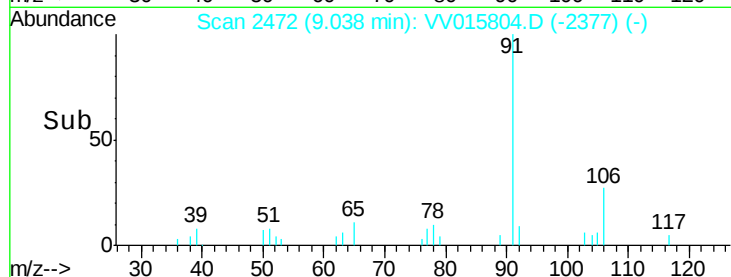
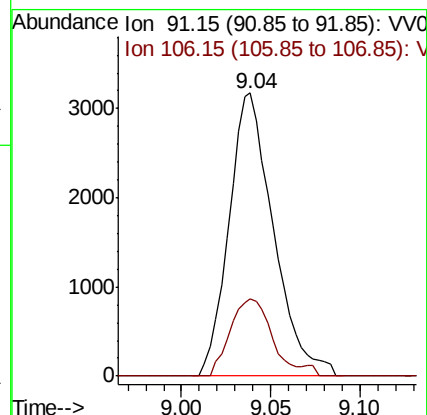
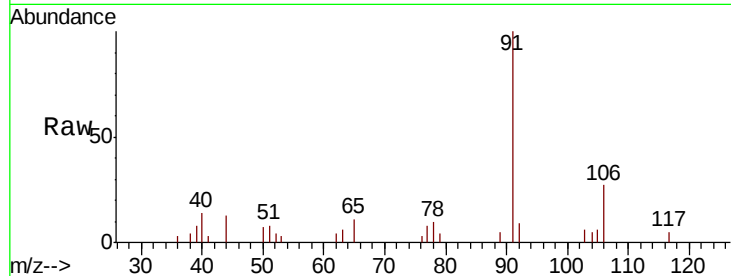




#52
Ethylbenzene
Concen: 0.118 ug/L
RT: 9.04 min Scan# 2472
Delta R.T. 0.01 min
Lab File: VV015804.D
Acq: 29 Apr 2020 19:47

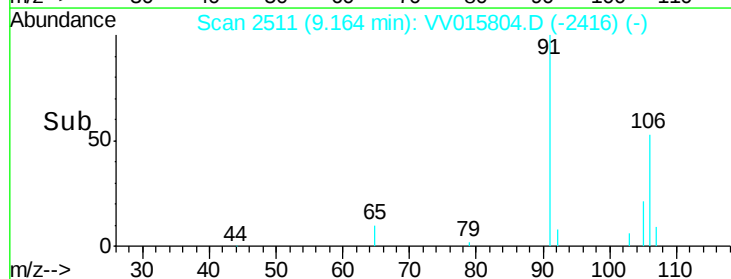
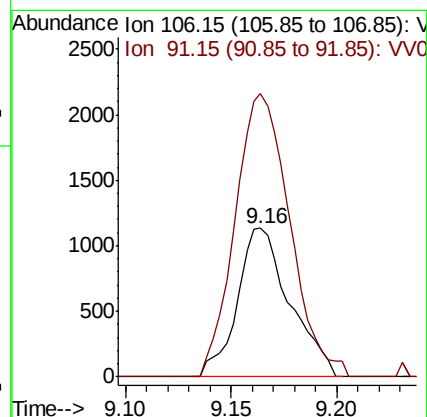
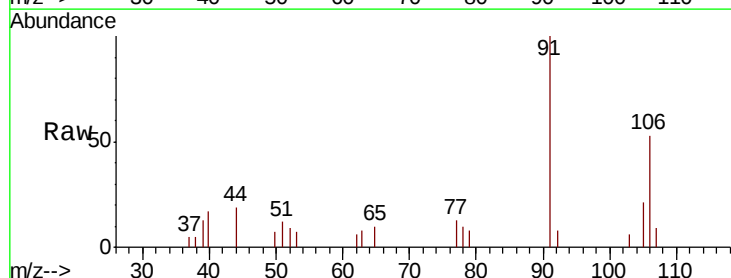
Instrument :
MSVOA_V
ClientSampled :

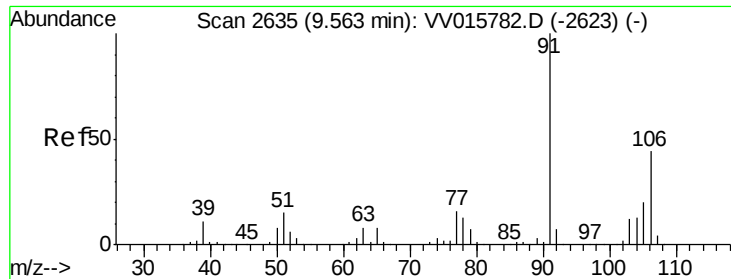
Tot Ion: 91 Resp: 5508
Ion Ratio Lower Upper
91 100
106 27.3 21.3 39.5



#53
m,p-xylene
Concen: 0.115 ug/L
RT: 9.16 min Scan# 2511
Delta R.T. 0.01 min
Lab File: VV015804.D
Acq: 29 Apr 2020 19:47

Tgt Ion: 106 Resp: 1959
Ion Ratio Lower Upper
106 100
91 190.1 147.8 274.4





#54

o-xylene

Concen: 0.109 ug/L

RT: 9.57 min Scan# 2637

Delta R.T. 0.01 min

Lab File: VV015804.D

Acq: 29 Apr 2020 19:47

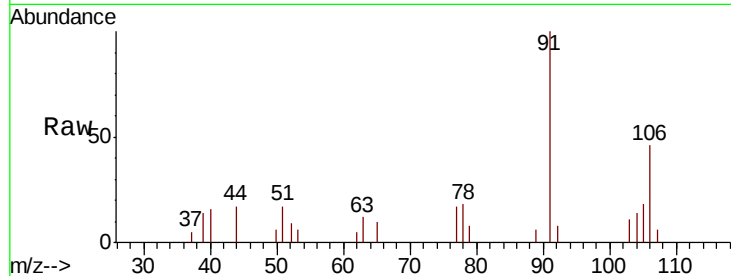
Instrument :
MSVOA_V
ClientSampled :

Tot Ion:106 Resp: 1804

Ion Ratio Lower Upper

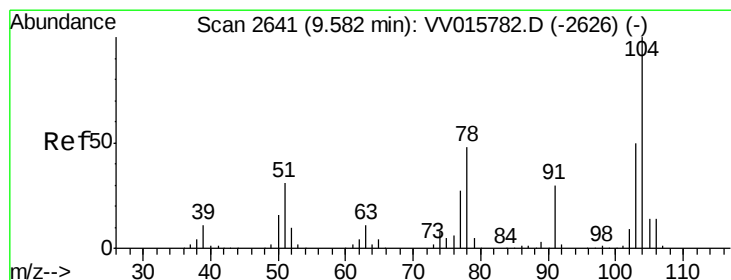
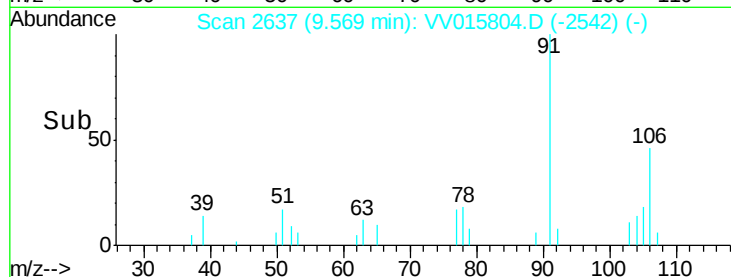
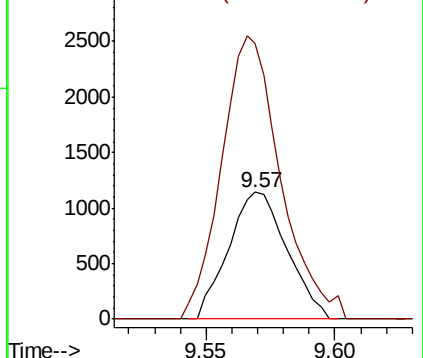
106 100

91 217.6 159.8 296.8



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#55

Styrene

Concen: 0.102 ug/L

RT: 9.59 min Scan# 2643

Delta R.T. 0.01 min

Lab File: VV015804.D

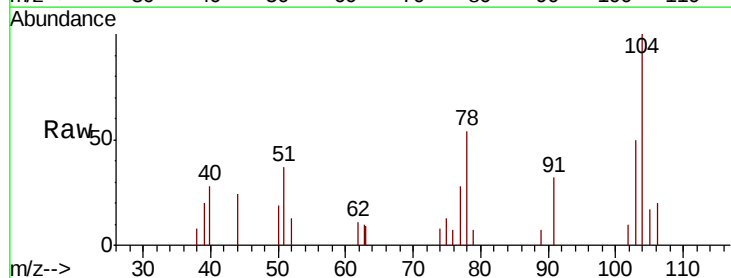
Acq: 29 Apr 2020 19:47

Tgt Ion:104 Resp: 2863

Ion Ratio Lower Upper

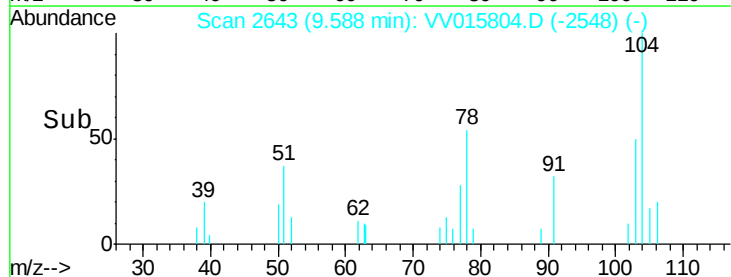
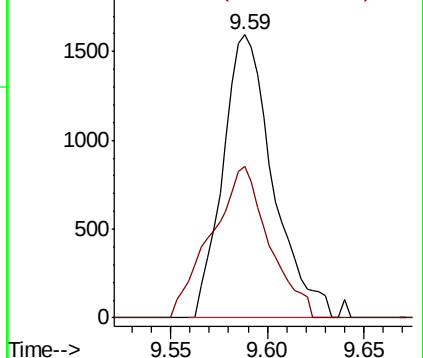
104 100

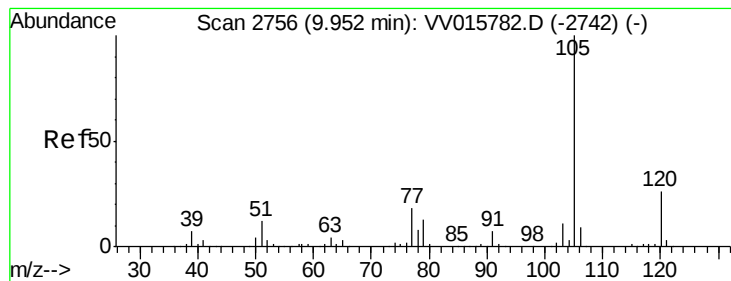
78 53.5 34.5 64.1



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VV0





#56

Isopropylbenzene

Concen: 0.110 ug/L

RT: 9.95 min Scan# 2757

Delta R.T. 0.00 min

Lab File: VV015804.D

Acq: 29 Apr 2020 19:47

Instrument :

MSVOA_V

ClientSampleId :

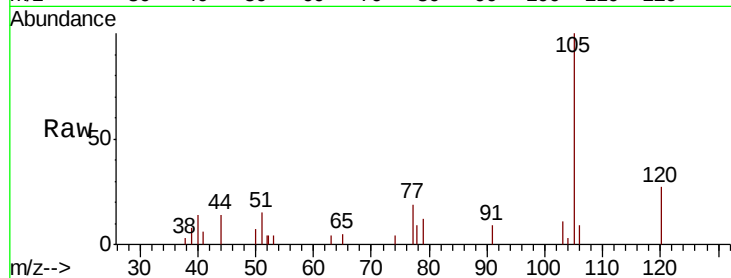
Tot Ion:105 Resp: 5082

Ion Ratio Lower Upper

105 100

120 25.9 20.7 31.1

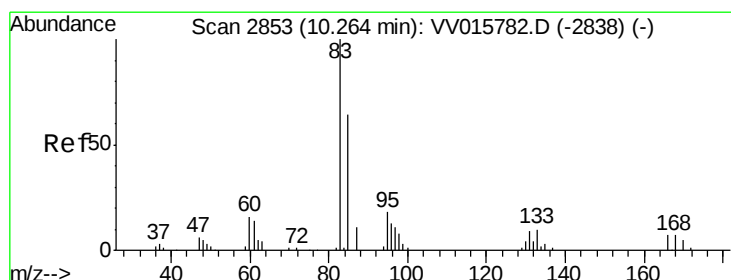
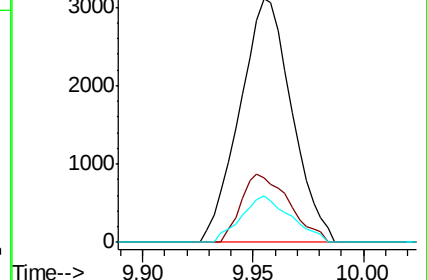
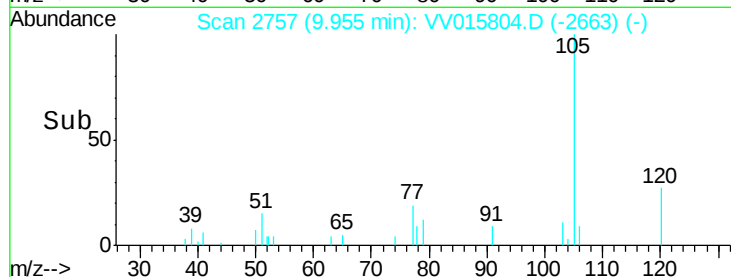
77 18.1 13.9 20.9



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



#58

1,1,2,2-Tetrachloroethane

Concen: 0.145 ug/L

RT: 10.27 min Scan# 2854

Delta R.T. 0.00 min

Lab File: VV015804.D

Acq: 29 Apr 2020 19:47

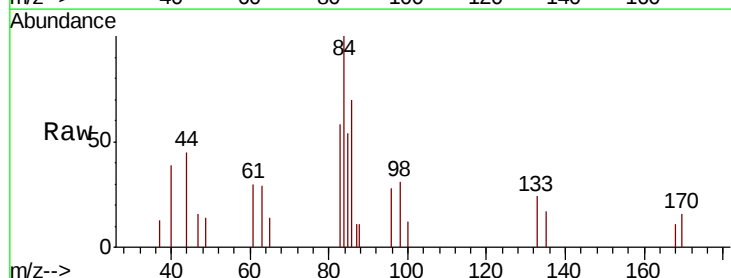
Tgt Ion: 83 Resp: 1101

Ion Ratio Lower Upper

83 100

85 93.1 46.3 85.9#

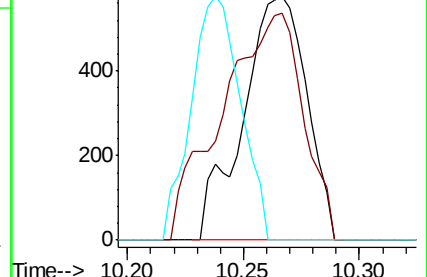
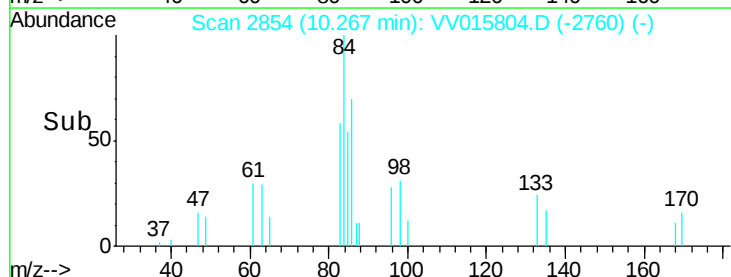
131 0.0 7.7 11.5#

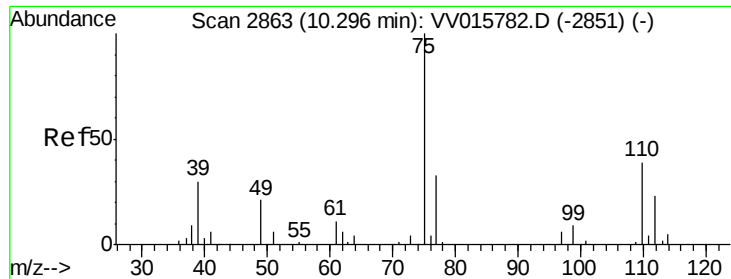


Abundance Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 130.95 (130.65 to 131.65): V

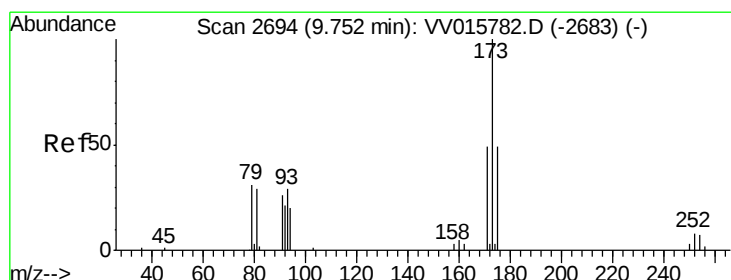
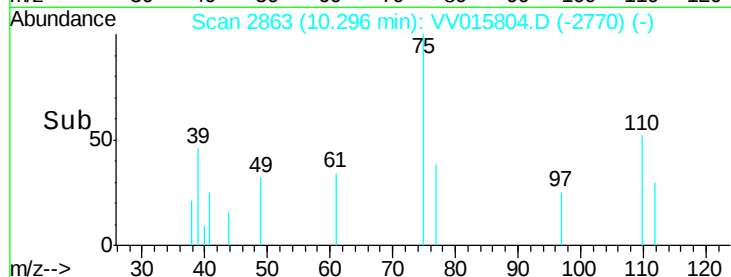
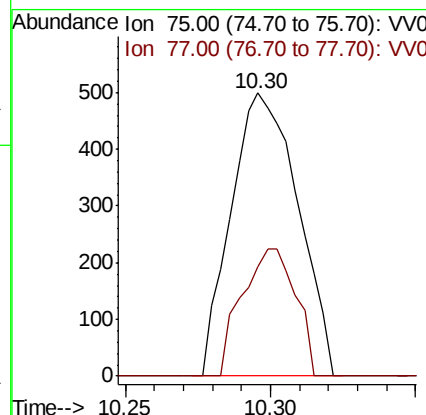
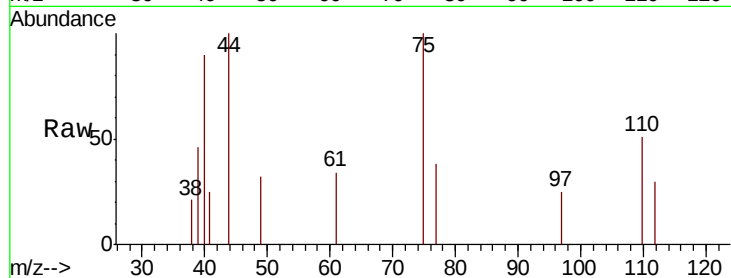




#59
 1,2,3-Trichloropropane
 Concen: 0.131 ug/L
 RT: 10.30 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VV015804.D
 Acq: 29 Apr 2020 19:47

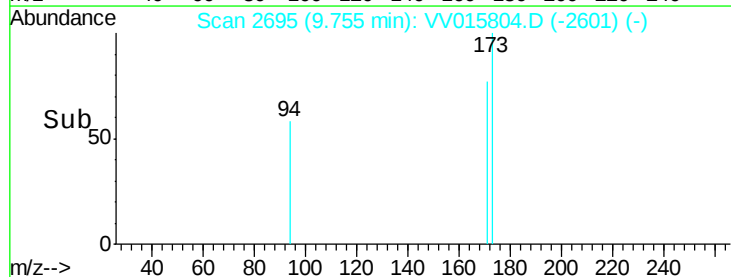
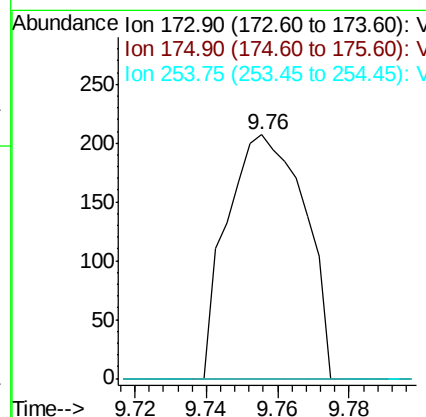
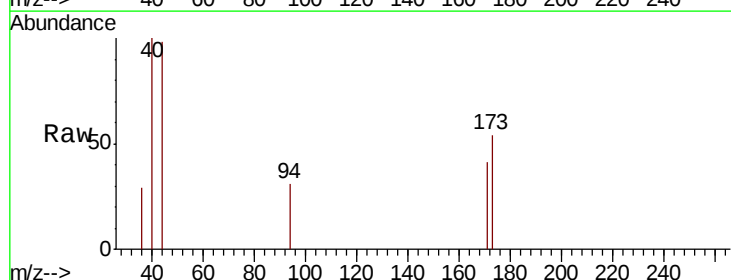
Instrument :
 MSVOA_V
 ClientSampleId :

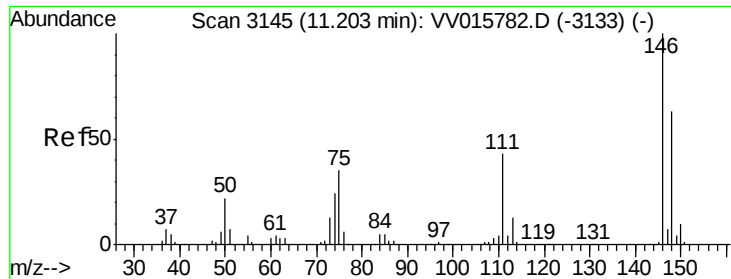
Tot Ion: 75 Resp: 799
 Ion Ratio Lower Upper
 75 100
 77 35.9 26.0 39.0



#61
 Bromoform
 Concen: 0.122 ug/L
 RT: 9.76 min Scan# 2695
 Delta R.T. 0.00 min
 Lab File: VV015804.D
 Acq: 29 Apr 2020 19:47

Tgt Ion:173 Resp: 310
 Ion Ratio Lower Upper
 173 100
 175 0.0 39.8 59.8#
 254 0.0 5.8 8.8#





#62

1,3-Dichlorobenzene

Concen: 0.138 ug/L

RT: 11.21 min Scan# 3147

Delta R.T. 0.01 min

Lab File: VV015804.D

Acq: 29 Apr 2020 19:47

Instrument :

MSVOA_V

ClientSampled :

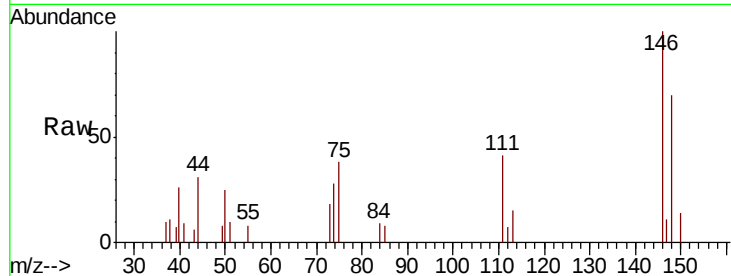
Tot Ion:146 Resp: 2700

Ion Ratio Lower Upper

146 100

111 41.5 30.0 55.6

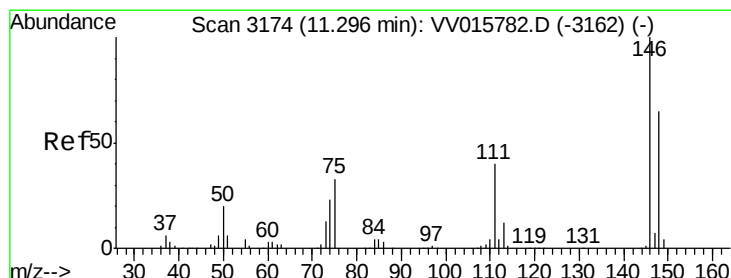
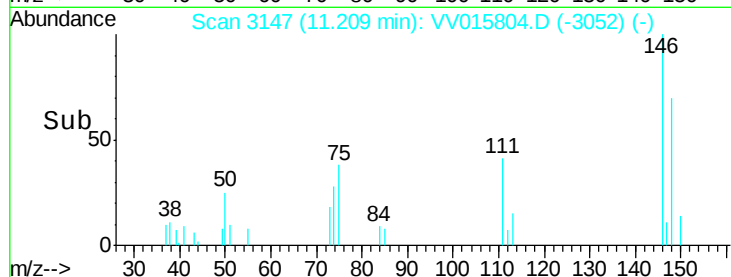
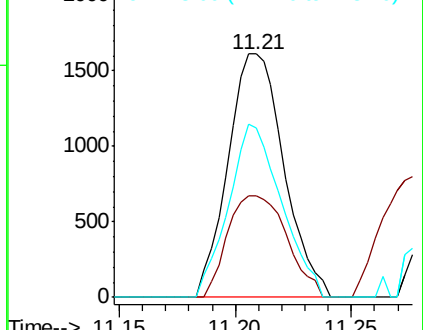
148 69.8 44.2 82.2



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



#63

1,4-Dichlorobenzene

Concen: 0.132 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. -0.00 min

Lab File: VV015804.D

Acq: 29 Apr 2020 19:47

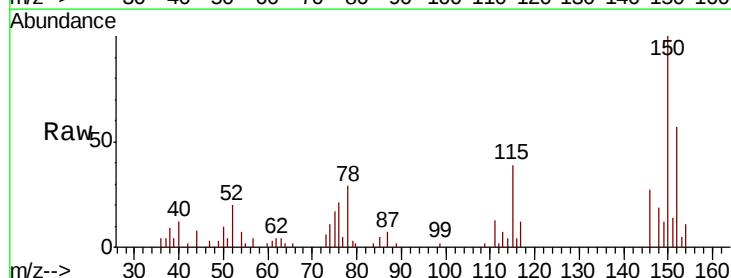
Tgt Ion:146 Resp: 2595

Ion Ratio Lower Upper

146 100

111 49.3 28.2 52.4

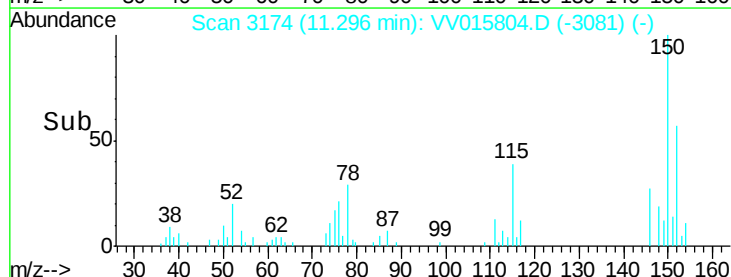
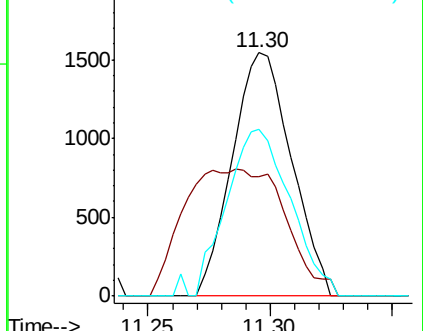
148 68.7 45.7 84.9

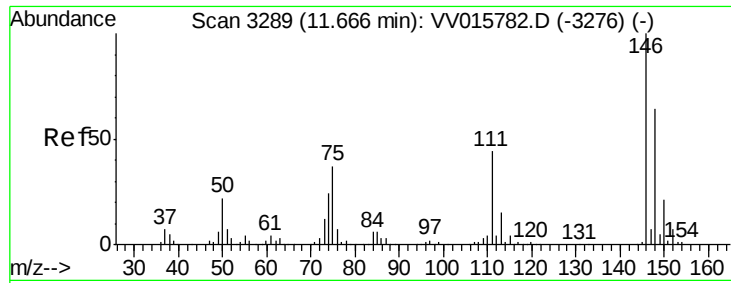


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 0.149 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. -0.00 min

Lab File: VV015804.D

Acq: 29 Apr 2020 19:47

Instrument :

MSVOA_V

ClientSampleId :

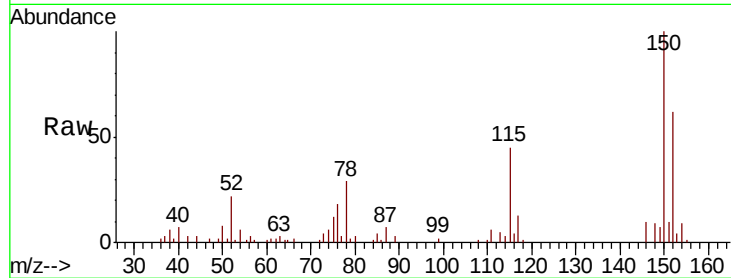
Tot Ion:146 Resp: 2640

Ion Ratio Lower Upper

146 100

111 55.0 34.7 52.1#

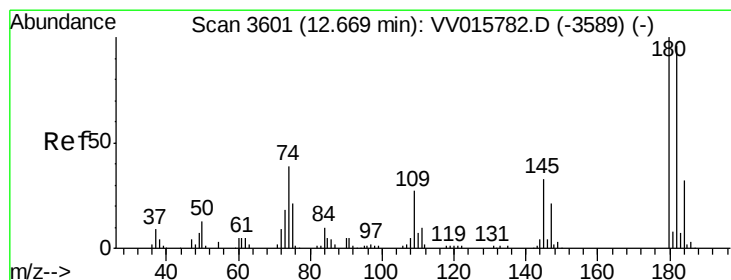
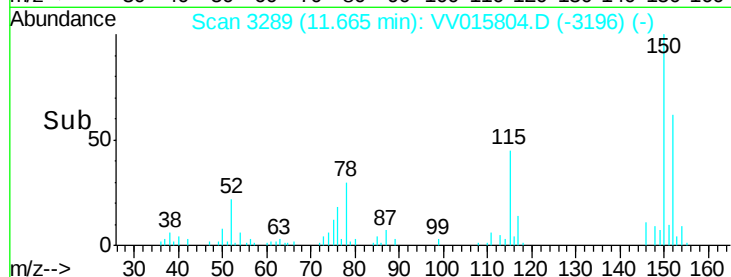
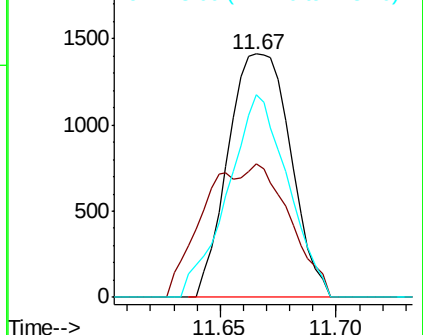
148 83.1 51.3 76.9#



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

1,3,5-Trichlorobenzene

Concen: 0.144 ug/L

RT: 12.67 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VV015804.D

Acq: 29 Apr 2020 19:47

Tgt Ion:180 Resp: 2076

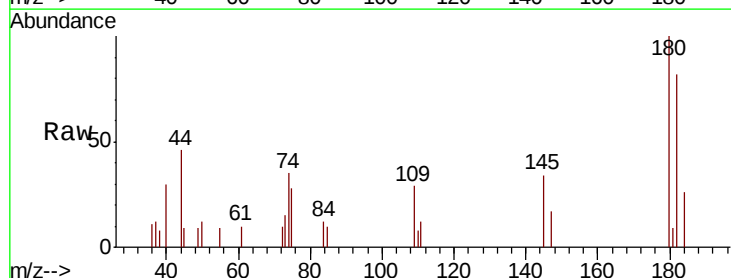
Ion Ratio Lower Upper

180 100

182 87.8 78.2 117.4

184 28.5 25.0 37.4

145 27.7 26.4 39.6

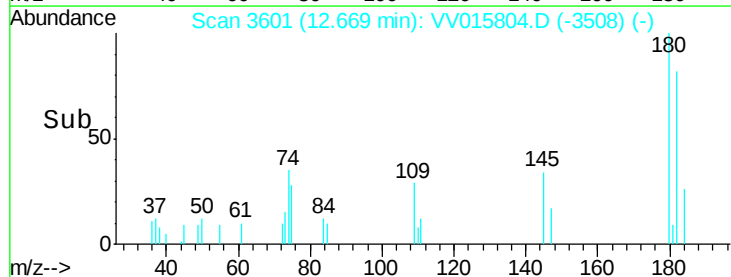
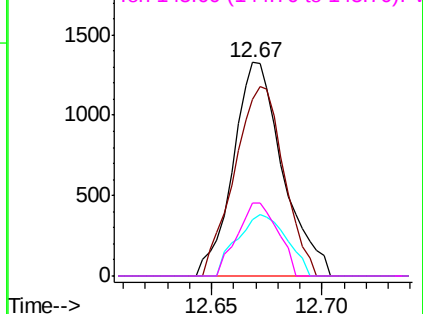


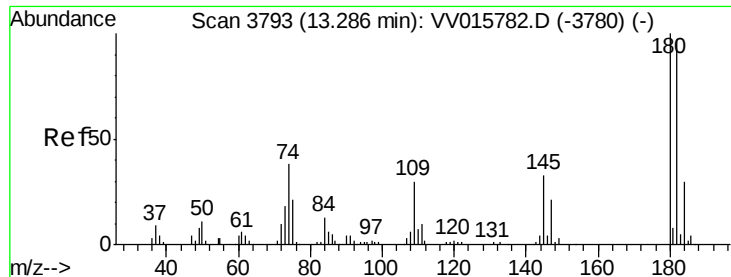
Abundance Ion 180.00 (179.70 to 180.70): V

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

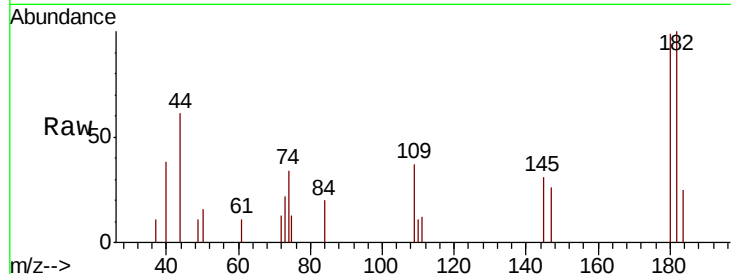




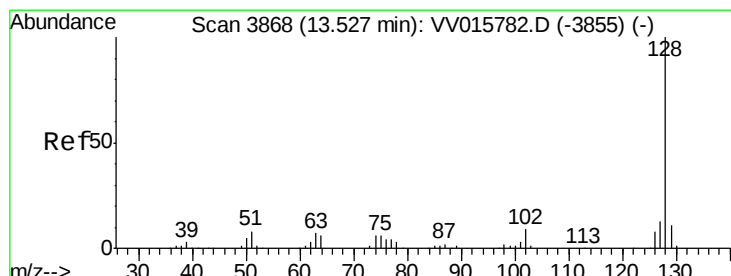
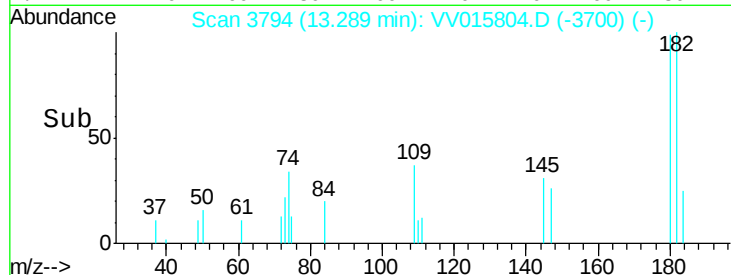
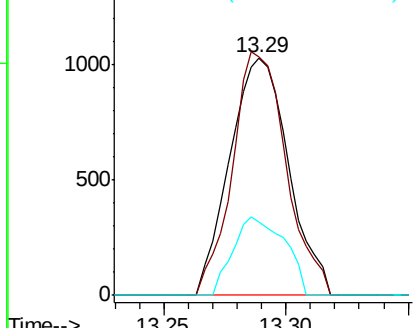
#68
 1,2,4-trichlorobenzene
 Concen: 0.129 ug/L
 RT: 13.29 min Scan# 3794
 Delta R.T. 0.00 min
 Lab File: VV015804.D
 Acq: 29 Apr 2020 19:47

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion:180 Resp: 1718
 Ion Ratio Lower Upper
 180 100
 182 93.8 74.8 112.2
 145 28.9 25.9 38.9

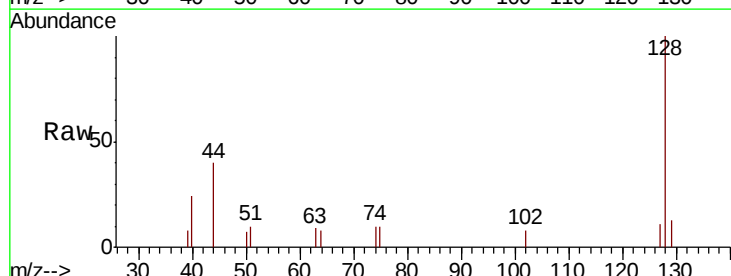


Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V

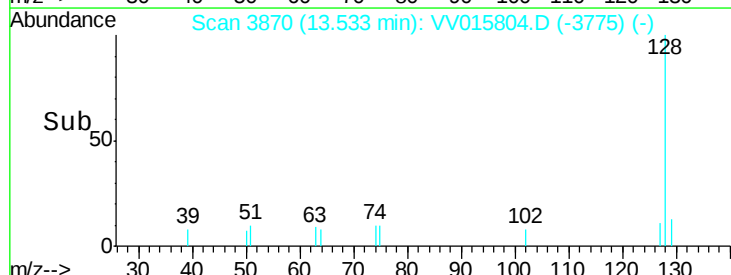
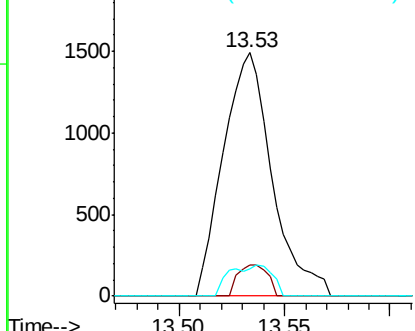


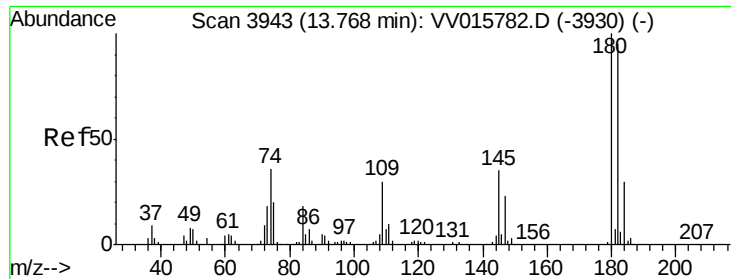
#69
 Naphthalene
 Concen: 0.101 ug/L
 RT: 13.53 min Scan# 3870
 Delta R.T. 0.01 min
 Lab File: VV015804.D
 Acq: 29 Apr 2020 19:47

Tgt Ion:128 Resp: 2395
 Ion Ratio Lower Upper
 128 100
 129 7.7 8.4 12.6#
 127 11.1 10.2 15.4



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

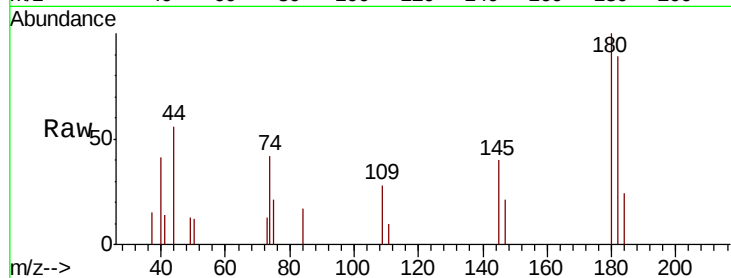




#70
 1,2,3-Trichlorobenzene
 Concen: 0.132 ug/L
 RT: 13.77 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VV015804.D
 Acq: 29 Apr 2020 19:47

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:180 Resp: 1554
 Ion Ratio Lower Upper
 180 100
 182 85.5 74.8 112.2
 145 36.5 28.4 42.6



Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 181.90 (181.60 to 182.60): V
 Ion 144.95 (144.65 to 145.65): V

