

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111220\
 Data File : VV019354.D
 Acq On : 12 Nov 2020 16:10
 Operator : SY/MD
 Sample : L4693-08ME 10X
 Misc : 5.86g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4D8ME

Quant Time: Nov 13 01:14:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 13 01:06:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	212643	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	211305	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	115083	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	76160	47.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.02%
7) Chloroethane-d5	1.58	69	63243	48.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.12%
11) 1,1-Dichloroethene-d2	2.12	63	122087	37.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.04%
21) 2-Butanone-d5	3.91	46	76659	92.74	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.74%
24) Chloroform-d	4.37	84	142646	46.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.06%
26) 1,2-Dichloroethane-d4	5.05	65	102546	48.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.98%
32) Benzene-d6	5.07	84	264904	48.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.22%
36) 1,2-Dichloropropane-d6	6.09	67	73886	48.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.70%
41) Toluene-d8	7.33	98	253334	47.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.12%
43) trans-1,3-Dichloropropene-	7.64	79	45505	47.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.28%
47) 2-Hexanone-d5	8.11	63	53657	94.59	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.59%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	91122	44.10	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	115387	52.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.98%

Target Compounds

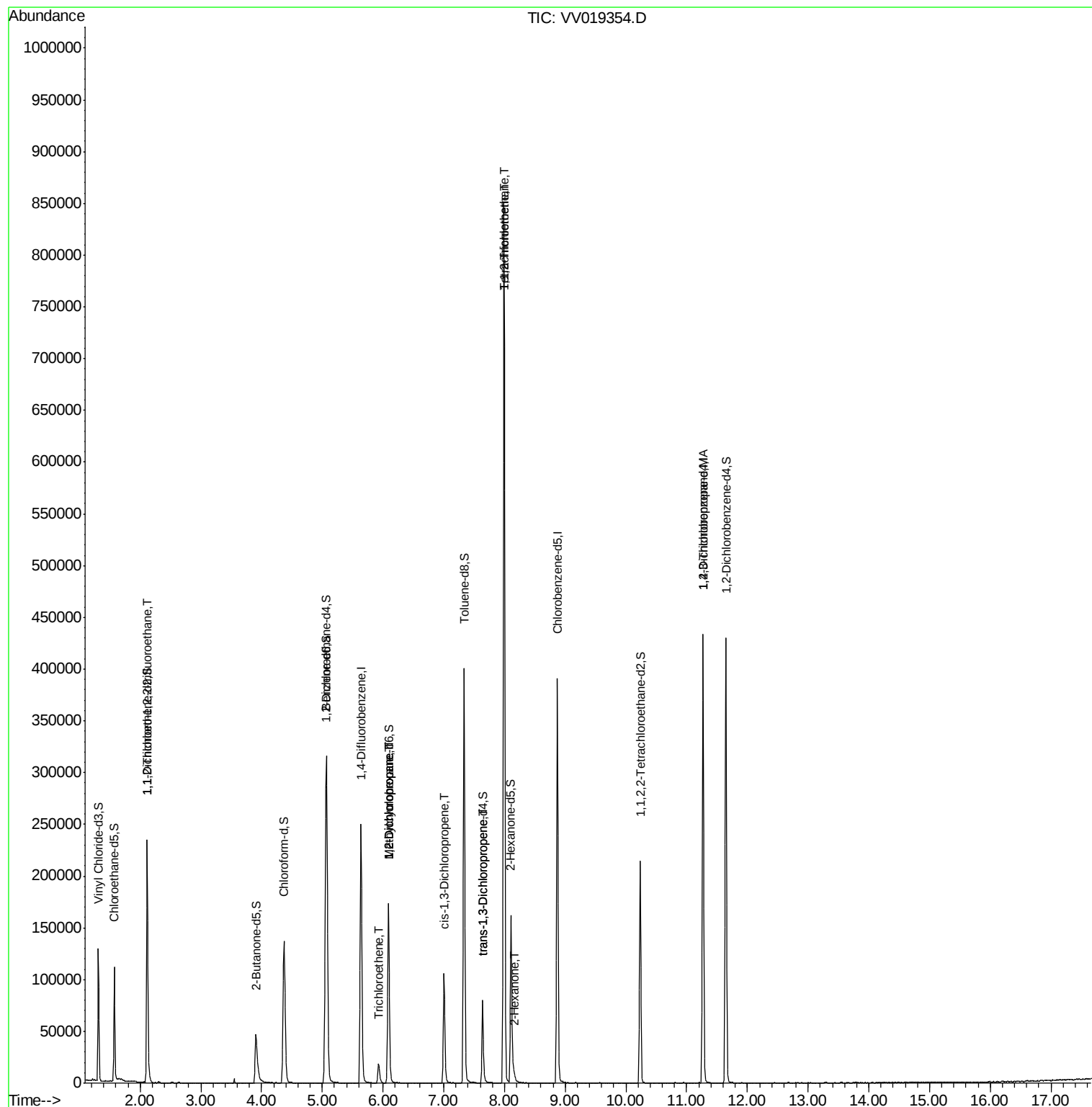
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1178	0.839	ug/L #	15
34) Trichloroethene	5.94	95	1817	1.130	ug/L	93
35) Methylcyclohexane	6.09	83	21211	10.676	ug/L #	19
37) 1,2-Dichloropropane	6.09	63	9782	7.551	ug/L #	83
39) cis-1,3-Dichloropropene	7.00	75	2691	1.212	ug/L #	65
44) trans-1,3-Dichloropropene	7.64	75	2241	0.947	ug/L	84
45) 1,1,2-Trichloroethane	7.99	97	1513	1.077	ug/L #	18
46) Tetrachloroethene	7.99	164	198709	140.322	ug/L	96
48) 2-Hexanone	8.16	43	4511	3.521	ug/L #	70
59) 1,2,3-Trichloropropane	11.27	75	11097	6.272	ug/L	95

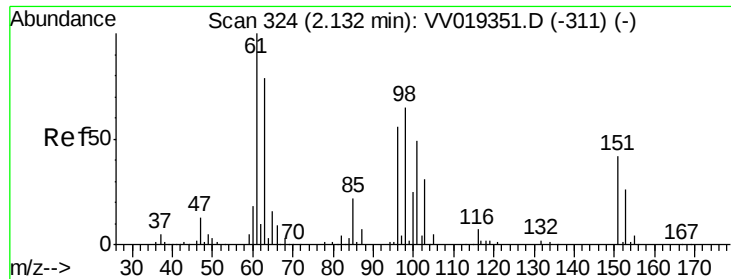
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.839 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV019354.D

Acq: 12 Nov 2020 16:10

Instrument :

MSVOA_V

ClientSampleId :

BG4D8ME

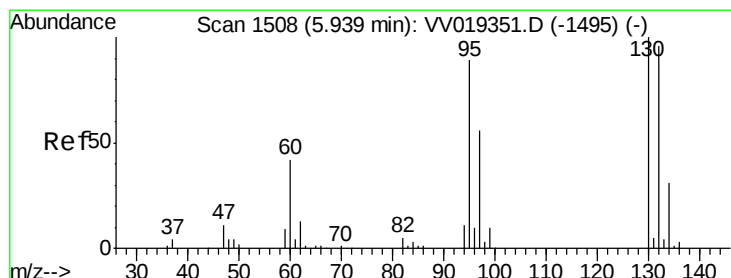
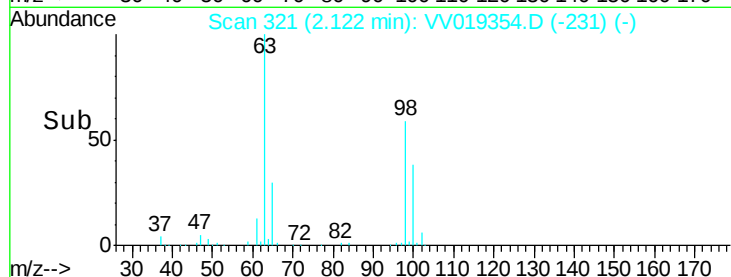
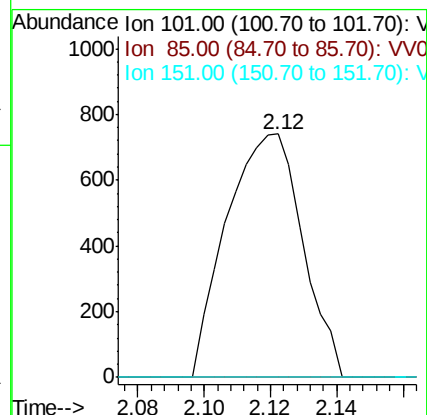
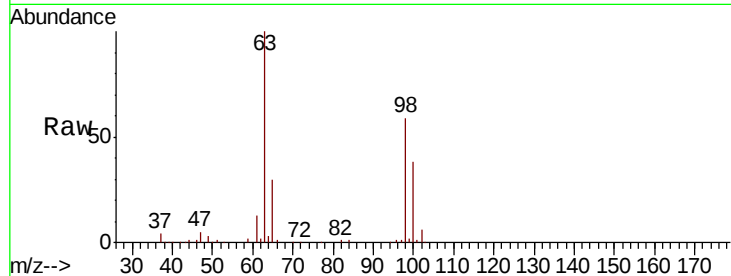
Tot Ion:101 Resp: 1178

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.6#

151 0.0 69.2 103.8#



#34

Trichloroethene

Concen: 1.130 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. -0.00 min

Lab File: VV019354.D

Acq: 12 Nov 2020 16:10

Tgt Ion: 95 Resp: 1817

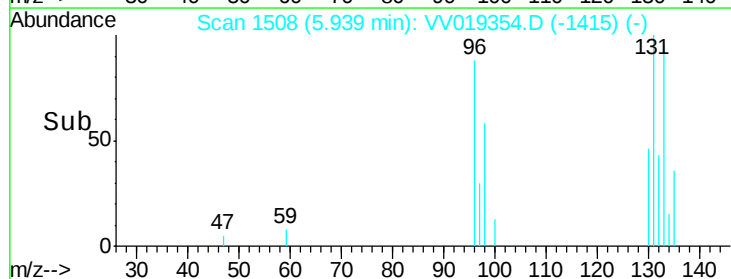
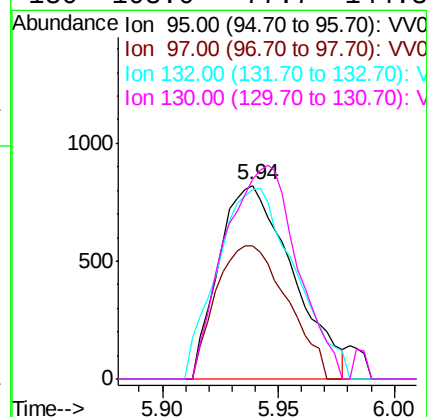
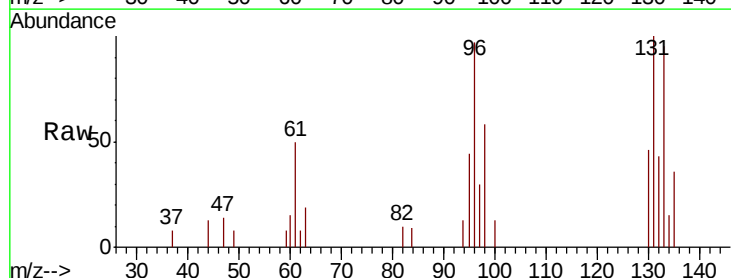
Ion Ratio Lower Upper

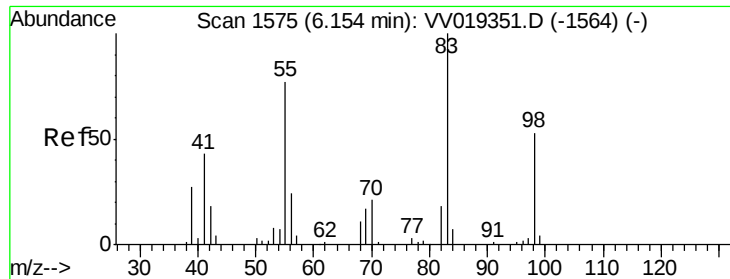
95 100

97 68.5 46.8 86.8

132 97.8 75.5 140.3

130 103.0 77.7 144.3

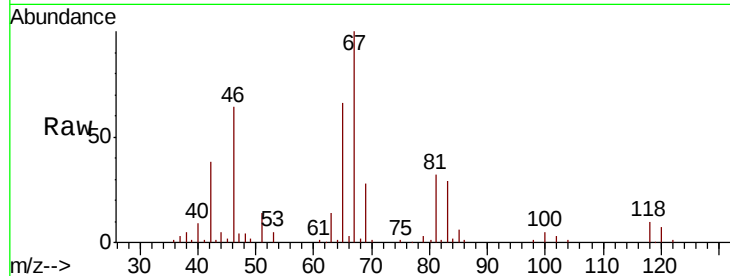




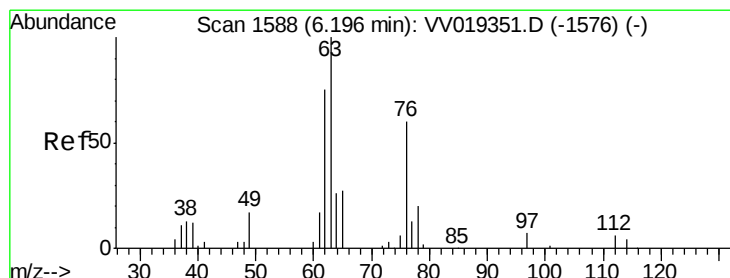
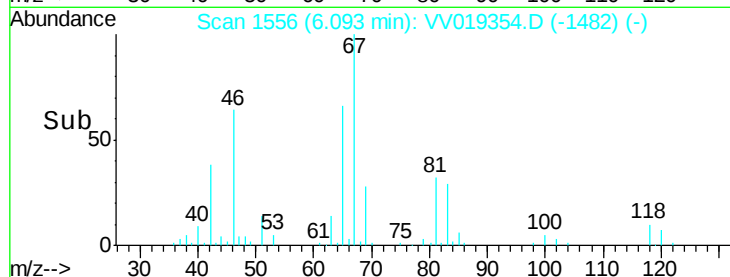
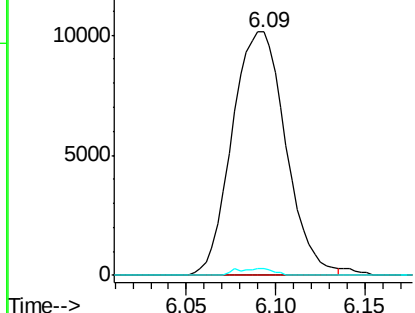
#35
Methvlcvclohexane
Concen: 10.676 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV019354.D
Acq: 12 Nov 2020 16:10

Instrument :
MSVOA_V
ClientSampleId :
BG4D8ME

Tot Ion: 83 Resp: 21211
Ion Ratio Lower Upper
83 100
55 0.0 58.6 88.0#
98 1.3 41.4 62.0#

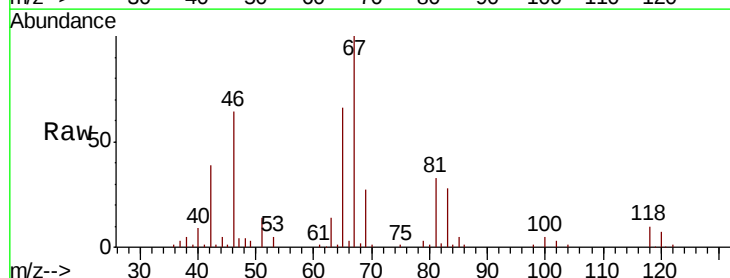


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

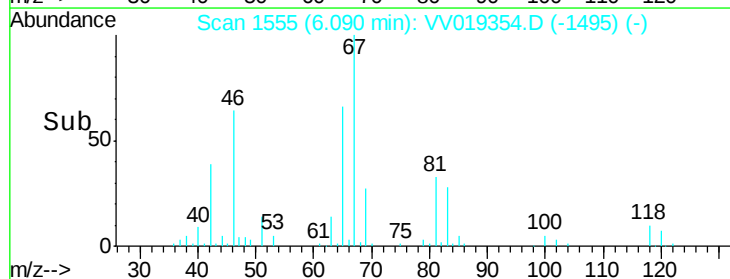
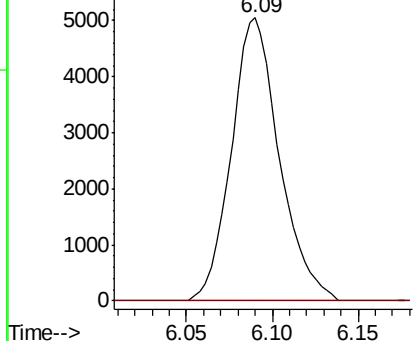


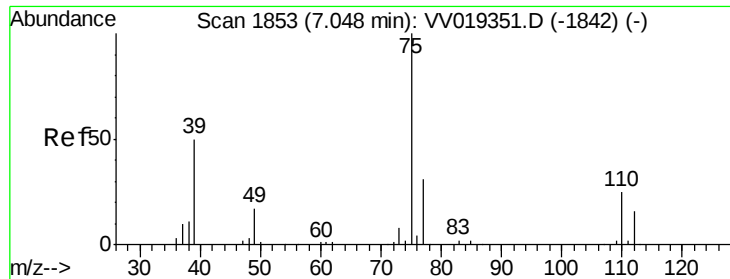
#37
1,2-Dichloropropane
Concen: 7.551 ug/L
RT: 6.09 min Scan# 1555
Delta R.T. -0.11 min
Lab File: VV019354.D
Acq: 12 Nov 2020 16:10

Tgt Ion: 63 Resp: 9782
Ion Ratio Lower Upper
63 100
112 0.0 4.6 6.8#



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 112.00 (111.70 to 112.70): V

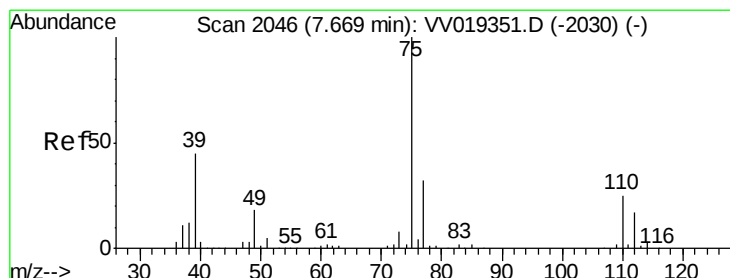
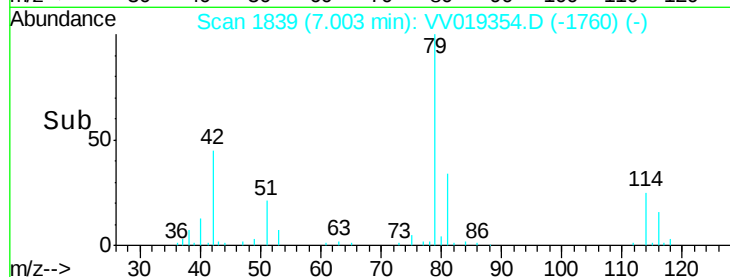
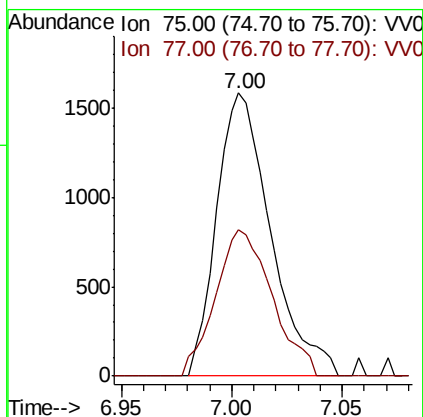
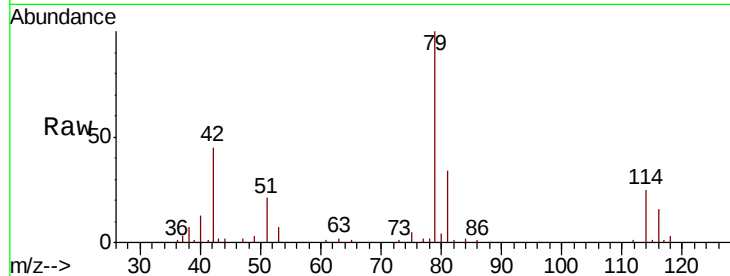




#39
 cis-1,3-Dichloropropene
 Concen: 1.212 ug/L
 RT: 7.00 min Scan# 1839
 Delta R.T. -0.05 min
 Lab File: VV019354.D
 Acq: 12 Nov 2020 16:10

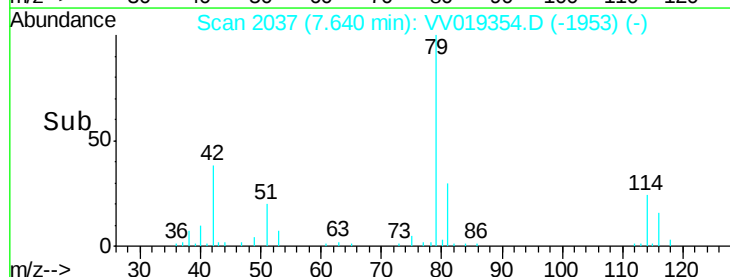
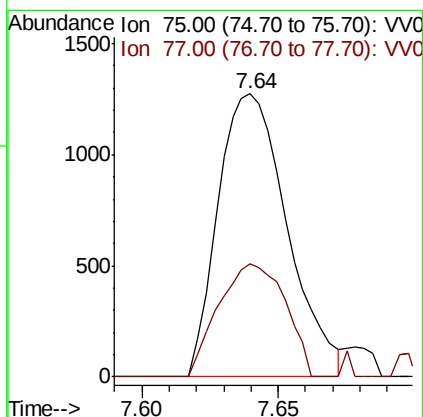
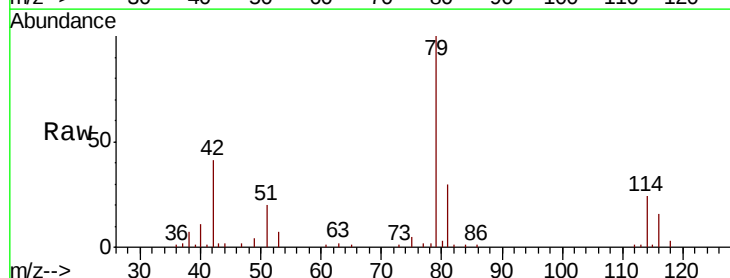
Instrument :
 MSVOA_V
 ClientSampleId :
 BG4D8ME

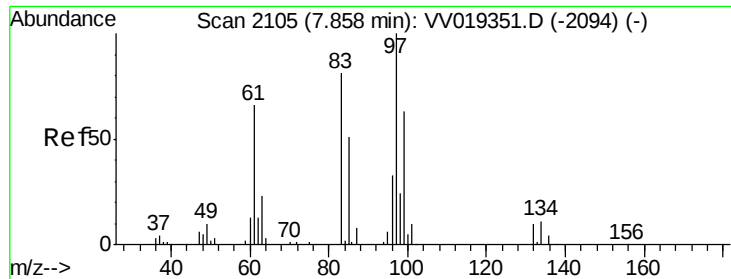
Tot Ion: 75 Resp: 2691
 Ion Ratio Lower Upper
 75 100
 77 51.9 22.7 42.1#



#44
 trans-1,3-Dichloropropene
 Concen: 0.947 ug/L
 RT: 7.64 min Scan# 2037
 Delta R.T. -0.03 min
 Lab File: VV019354.D
 Acq: 12 Nov 2020 16:10

Tgt Ion: 75 Resp: 2241
 Ion Ratio Lower Upper
 75 100
 77 40.1 22.0 41.0

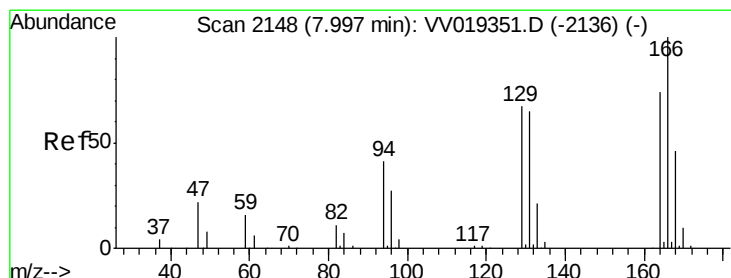
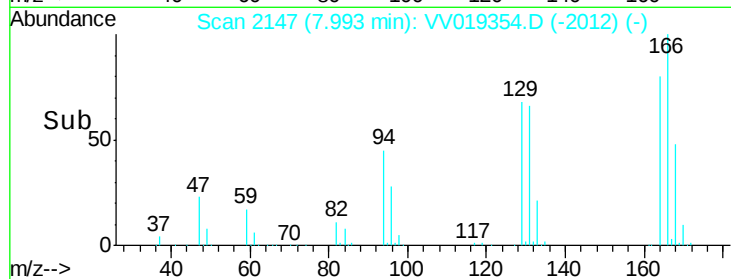
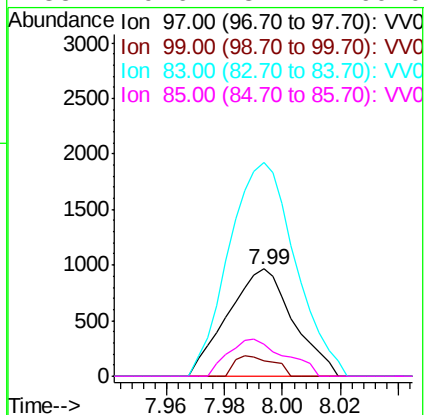
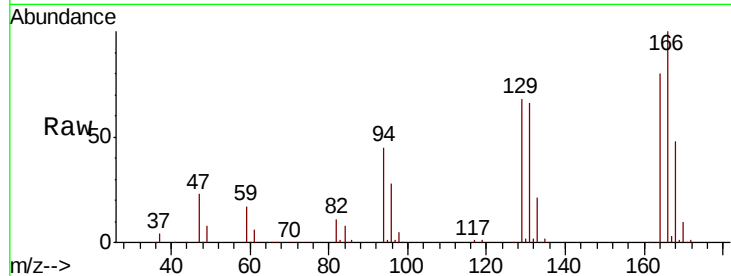




#45
1,1,2-Trichloroethane
Concen: 1.077 ug/L
RT: 7.99 min Scan# 2147
Delta R.T. 0.13 min
Lab File: VV019354.D
Acq: 12 Nov 2020 16:10

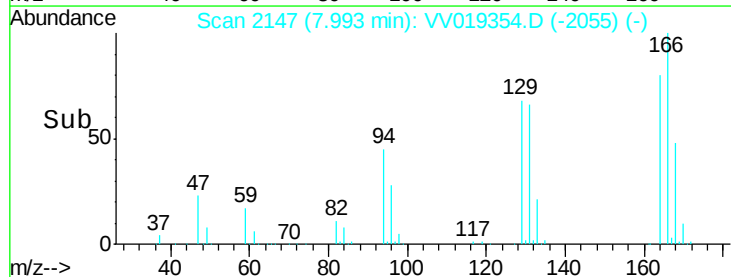
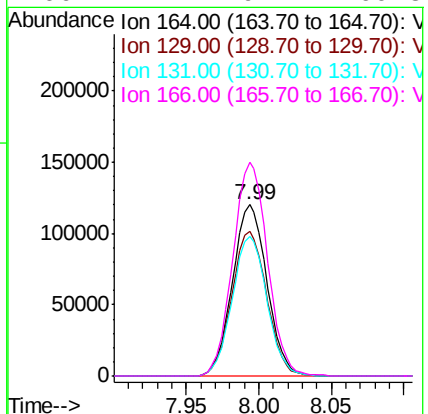
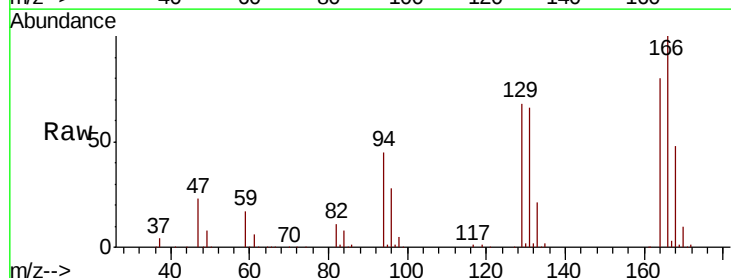
Instrument :
MSVOA_V
ClientSampleId :
BG4D8ME

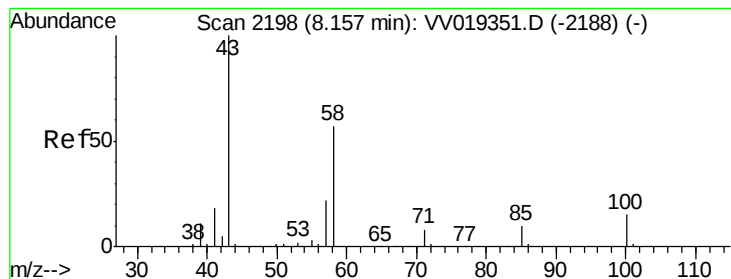
Tot Ion: 97 Resp: 1513
Ion Ratio Lower Upper
97 100
99 14.6 42.5 78.9#
83 199.6 58.1 107.9#
85 29.6 37.2 69.0#



#46
Tetrachloroethene
Concen: 140.322 ug/L
RT: 7.99 min Scan# 2147
Delta R.T. -0.00 min
Lab File: VV019354.D
Acq: 12 Nov 2020 16:10

Tgt Ion: 164 Resp: 198709
Ion Ratio Lower Upper
164 100
129 84.4 60.9 113.1
131 81.8 58.9 109.5
166 124.7 91.4 169.8





#48

2-Hexanone

Concen: 3.521 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. 0.01 min

Lab File: VV019354.D

Acq: 12 Nov 2020 16:10

Instrument :

MSVOA_V

ClientSampleId :

BG4D8ME

Tot Ion: 43 Resp: 4511

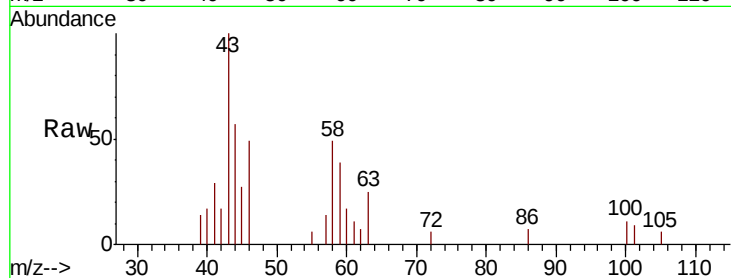
Ion Ratio Lower Upper

43 100

58 30.4 43.6 65.4#

57 9.4 17.2 25.8#

100 6.1 11.9 17.9#

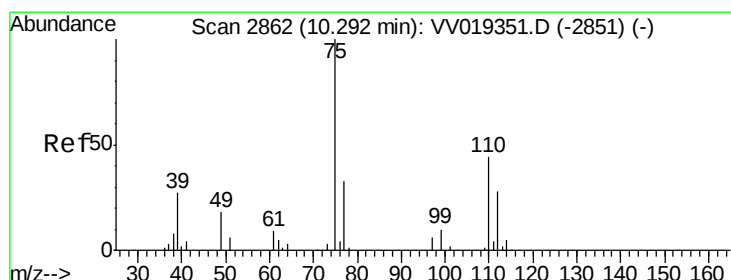
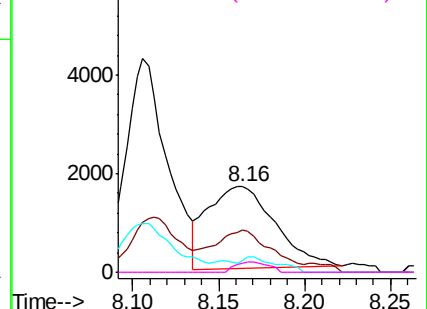
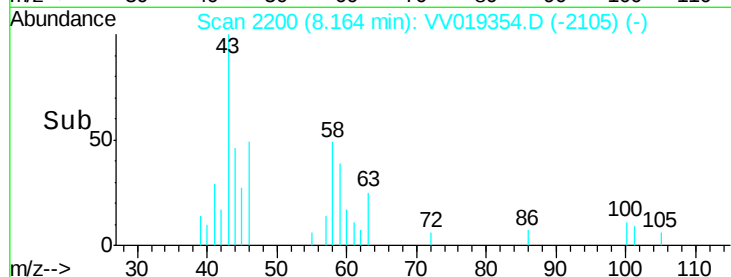


Abundance Ion 43.00 (42.70 to 43.70): VV019351.D (-2188) (-)

Ion 58.00 (57.70 to 58.70): VV019351.D (-2188) (-)

Ion 57.00 (56.70 to 57.70): VV019351.D (-2188) (-)

Ion 100.00 (99.70 to 100.70): VV019351.D (-2188) (-)



#59

1,2,3-Trichloropropane

Concen: 6.272 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV019354.D

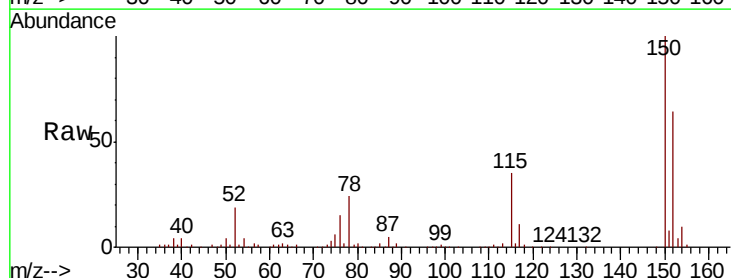
Acq: 12 Nov 2020 16:10

Tgt Ion: 75 Resp: 11097

Ion Ratio Lower Upper

75 100

77 34.1 25.0 37.4



Abundance Ion 75.00 (74.70 to 75.70): VV019351.D (-2851) (-)

Ion 77.00 (76.70 to 77.70): VV019351.D (-2851) (-)

