

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111020\
 Data File : VV019321.D
 Acq On : 10 Nov 2020 14:19
 Operator : SY/MD
 Sample : L4659-05ME 20X
 Misc : 6.85g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 11 02:17:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 11 02:14:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	243807	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	238566	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	112320	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	103035	53.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	106.36%
7) Chloroethane-d5	1.58	69	84883	56.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	112.78%
11) 1,1-Dichloroethene-d2	2.12	63	154249	41.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.70%
21) 2-Butanone-d5	3.91	46	118524	99.88	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.88%
24) Chloroform-d	4.38	84	176262	48.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.82%
26) 1,2-Dichloroethane-d4	5.05	65	125242	49.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.74%
32) Benzene-d6	5.07	84	339410	50.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.30%
36) 1,2-Dichloropropane-d6	6.09	67	108029	53.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.08%
41) Toluene-d8	7.34	98	295433	45.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.88%
43) trans-1,3-Dichloropropene-	7.64	79	52138	44.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.30%
47) 2-Hexanone-d5	8.11	63	73169	83.73	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.73%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	123927	45.55	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.10%
64) 1,2-Dichlorobenzene-d4	11.65	152	118167	50.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.14%

Target Compounds

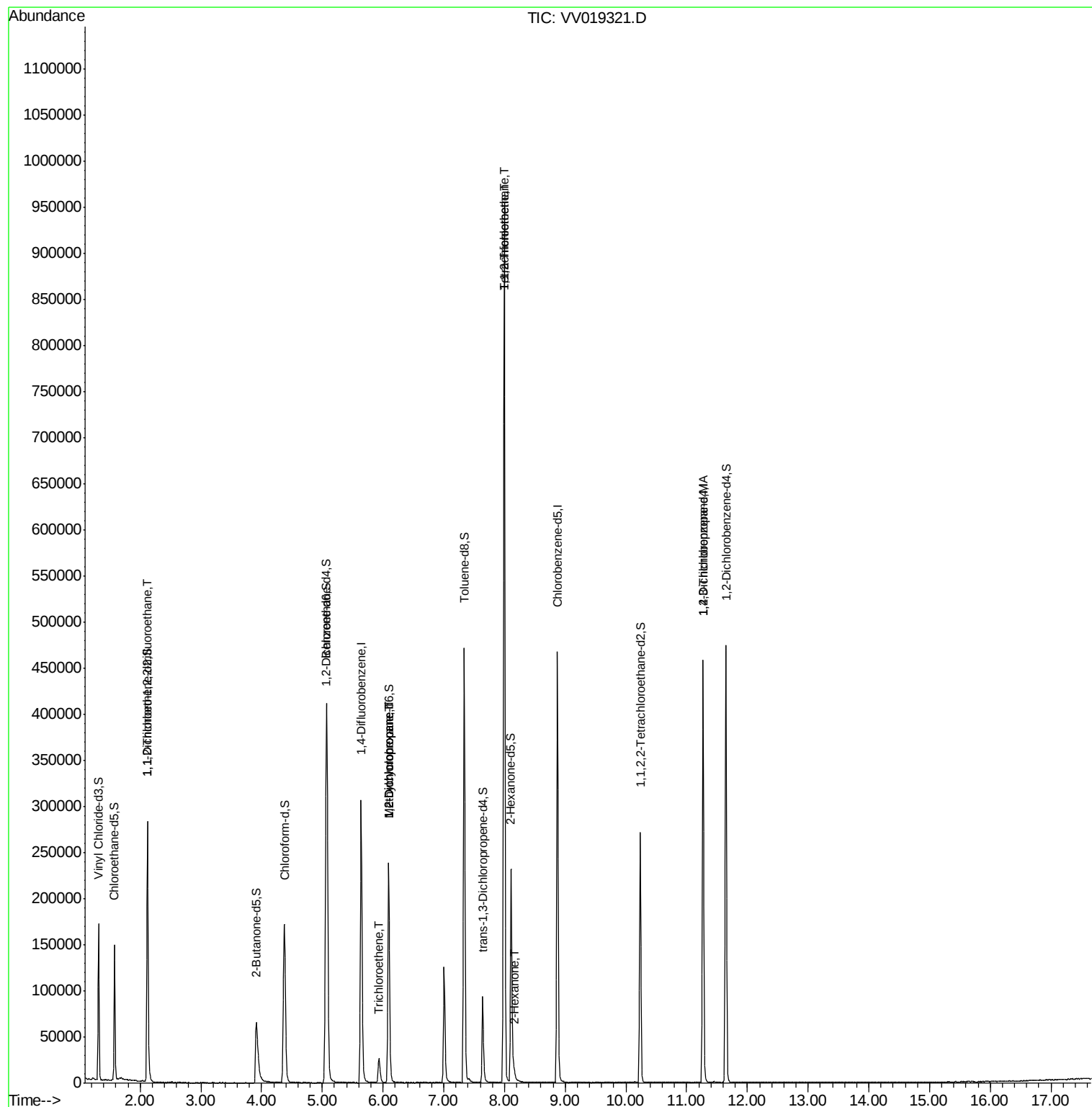
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1201	0.752 ug/L #	17
34) Trichloroethene	5.95	95	4955	2.630 ug/L	92
35) Methylcyclohexane	6.09	83	26917	10.581 ug/L #	18
37) 1,2-Dichloropropane	6.09	63	13322	7.799 ug/L #	85
45) 1,1,2-Trichloroethane	7.99	97	1865	1.089 ug/L #	17
46) Tetrachloroethene	8.00	164	207182	128.762 ug/L	98
48) 2-Hexanone	8.17	43	5110	2.728 ug/L #	82
59) 1,2,3-Trichloropropane	11.27	75	12871	5.764 ug/L	89

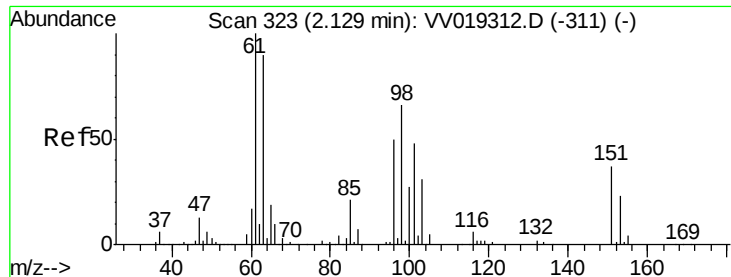
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 11 02:17:25 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102920WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 11 02:14:49 2020
Response via : Initial Calibration





#10

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

Concen: 0.752 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV019321.D

Acq: 10 Nov 2020 14:19

Instrument :

MSVOA_V

ClientSampleId :

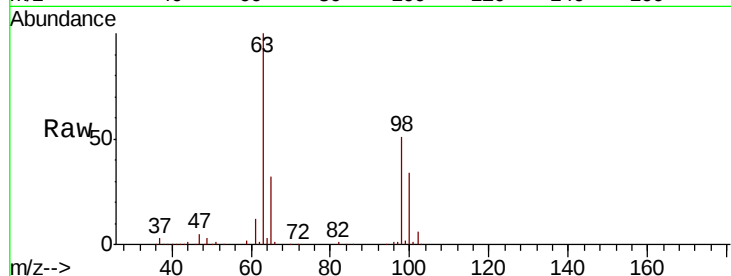
Tot Ion:101 Resp: 1201

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

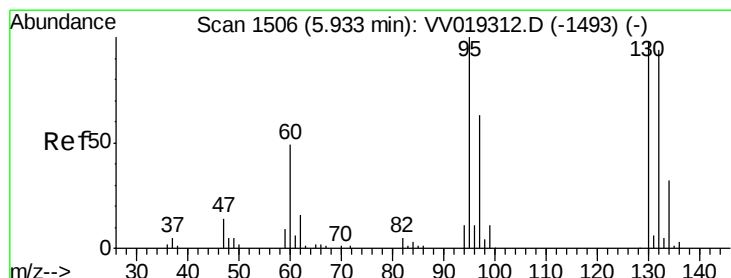
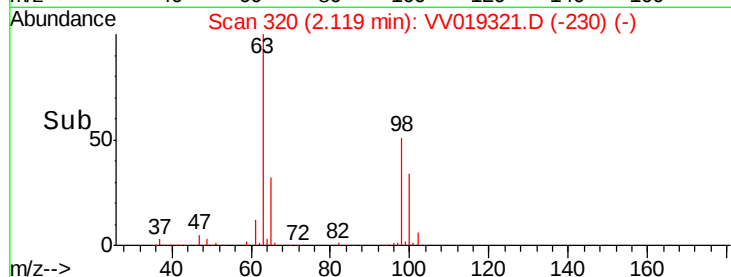
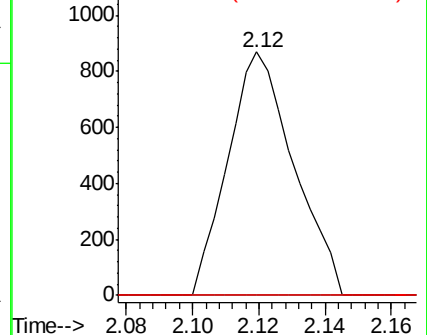
151 0.0 65.0 97.4#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#34

Trichloroethene

Concen: 2.630 ug/L

RT: 5.95 min Scan# 1510

Delta R.T. 0.01 min

Lab File: VV019321.D

Acq: 10 Nov 2020 14:19

Tgt Ion: 95 Resp: 4955

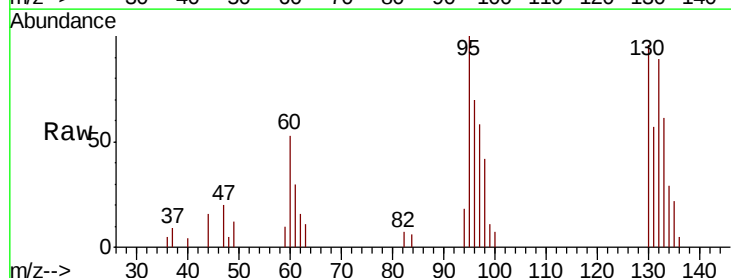
Ion Ratio Lower Upper

95 100

97 58.3 43.4 80.6

132 88.7 69.7 129.4

130 95.9 72.4 134.5

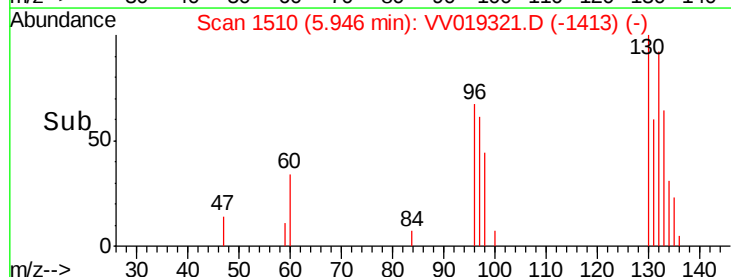
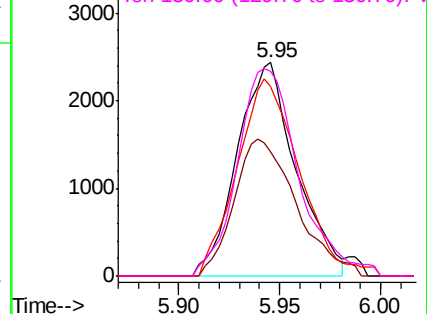


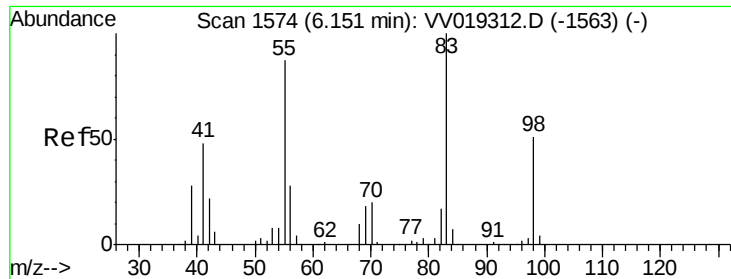
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

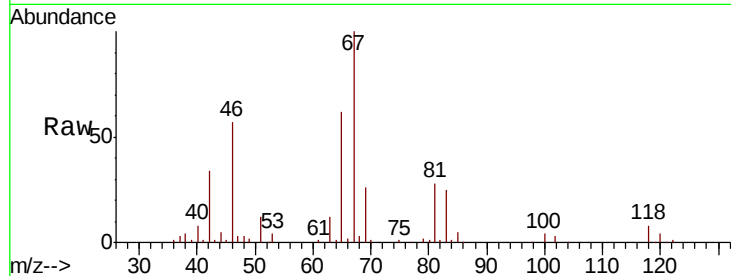




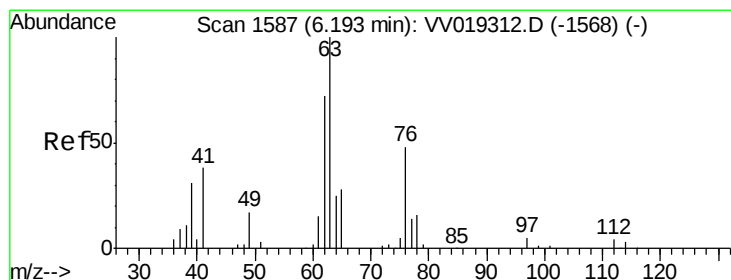
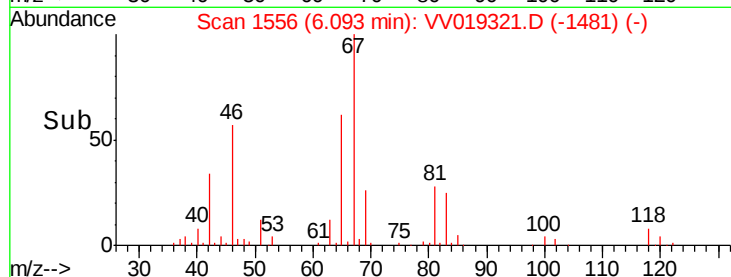
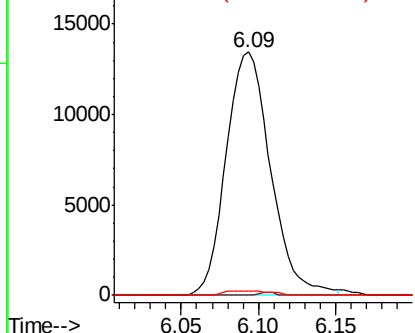
#35
Methvlcvclohexane
Concen: 10.581 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV019321.D
Acq: 10 Nov 2020 14:19

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 26917
Ion Ratio Lower Upper
83 100
55 0.4 62.2 93.4#
98 1.1 39.4 59.2#

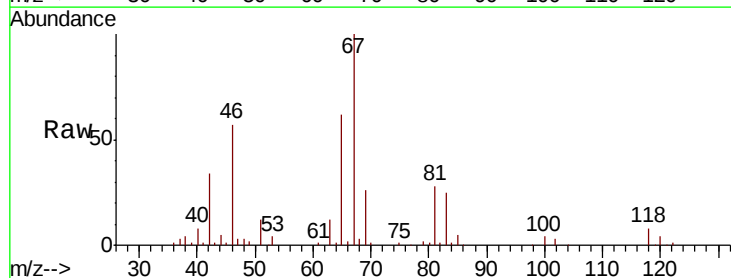


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

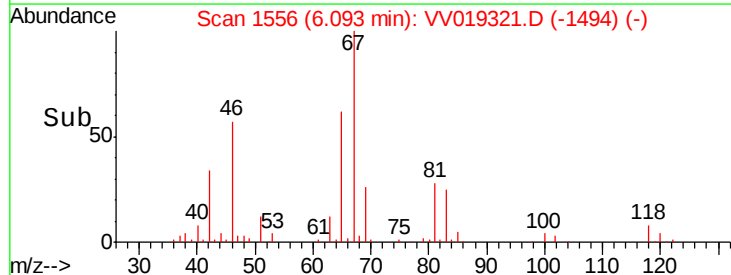
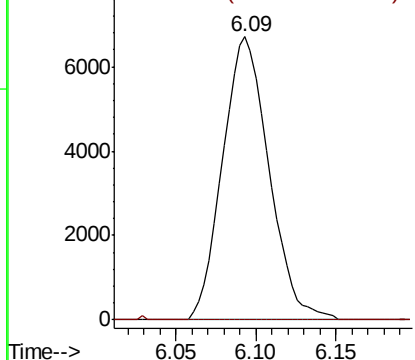


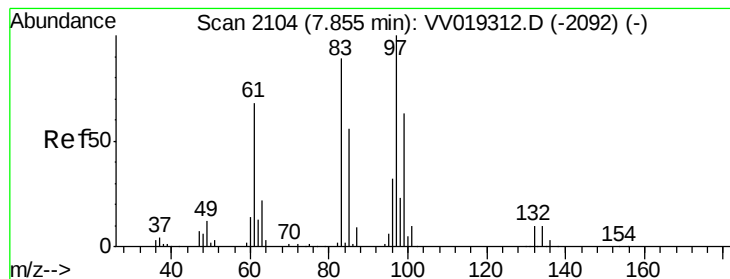
#37
1,2-Dichloropropane
Concen: 7.799 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV019321.D
Acq: 10 Nov 2020 14:19

Tgt Ion: 63 Resp: 13322
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#



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





#45

1,1,2-Trichloroethane

Concen: 1.089 ug/L

RT: 7.99 min Scan# 2147

Delta R.T. 0.14 min

Lab File: VV019321.D

Acq: 10 Nov 2020 14:19

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 97 Resp: 1865

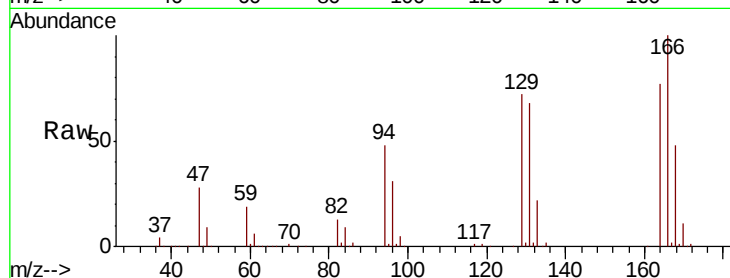
Ion Ratio Lower Upper

97 100

99 14.8 43.1 80.1#

83 207.6 58.3 108.3#

85 36.6 37.8 70.2#



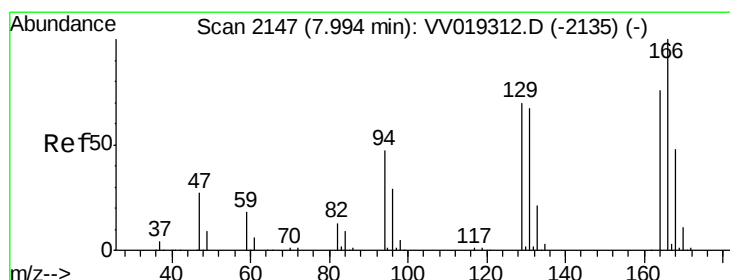
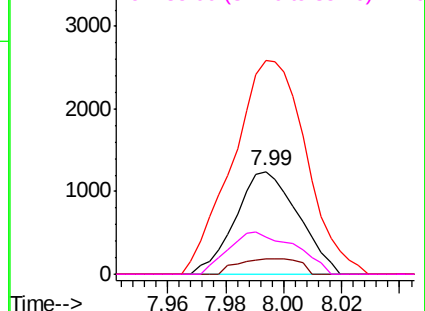
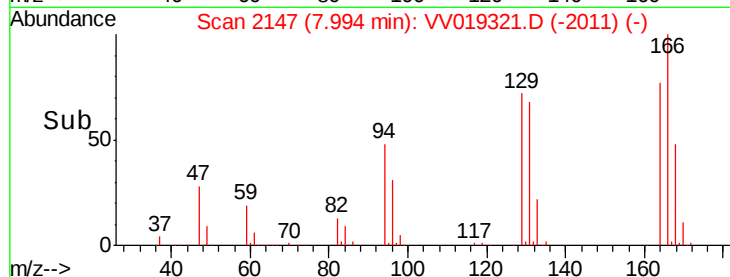
Abundance

Ion 97.00 (96.70 to 97.70): VV0

Ion 99.00 (98.70 to 99.70): VV0

Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0



#46

Tetrachloroethene

Concen: 128.762 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV019321.D

Acq: 10 Nov 2020 14:19

Tgt Ion:164 Resp: 207182

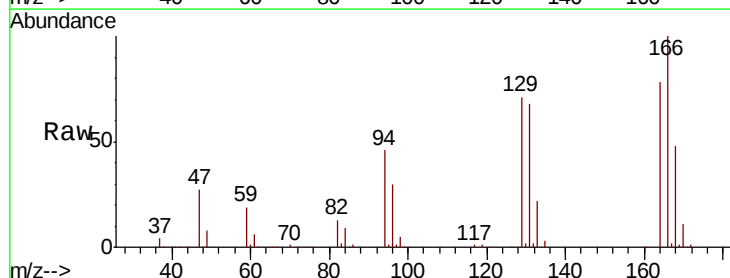
Ion Ratio Lower Upper

164 100

129 91.9 63.2 117.4

131 87.8 60.3 112.1

166 128.9 88.3 163.9



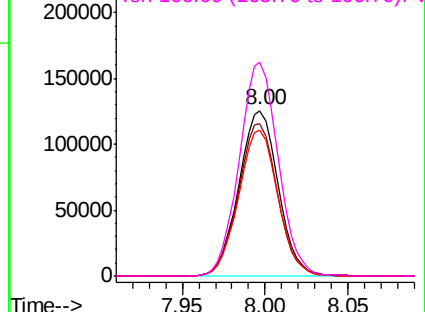
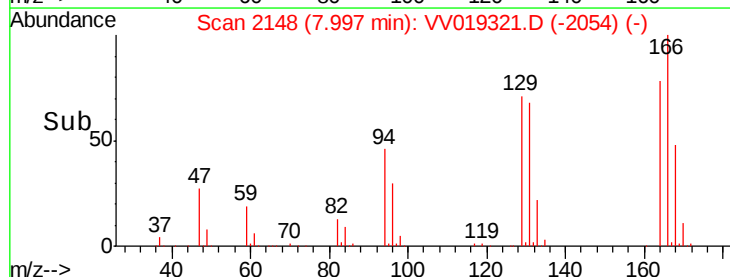
Abundance

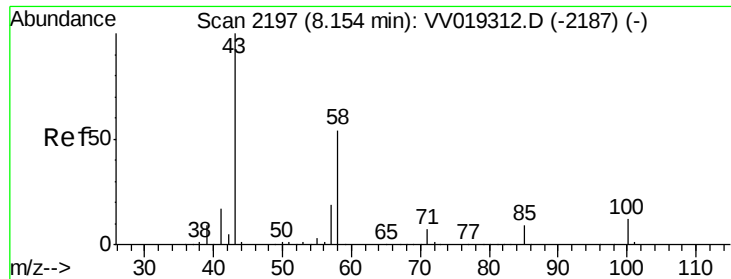
Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

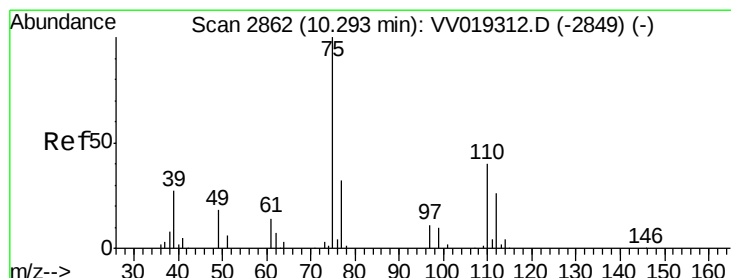
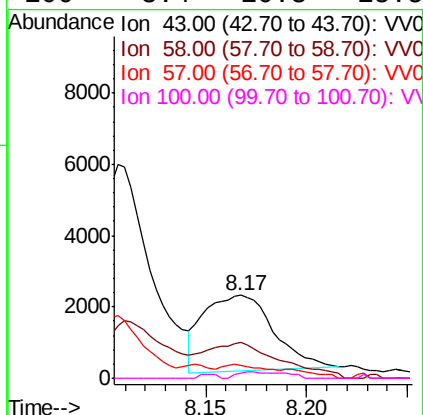
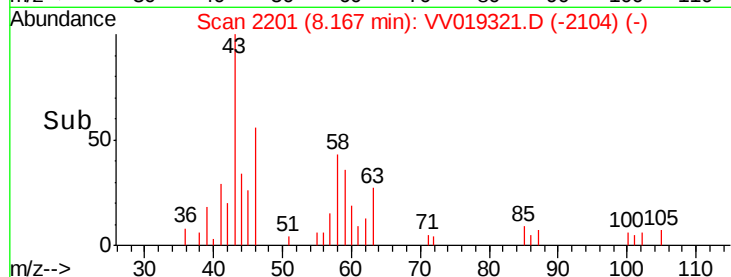
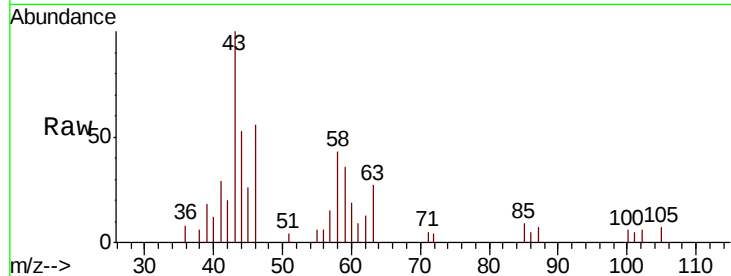




#48
2-Hexanone
Concen: 2.728 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.01 min
Lab File: VV019321.D
Acq: 10 Nov 2020 14:19

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 5110
Ion Ratio Lower Upper
43 100
58 46.5 43.6 65.4
57 3.9 16.0 24.0#
100 3.4 10.3 15.5#



#59
1,2,3-Trichloropropane
Concen: 5.764 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV019321.D
Acq: 10 Nov 2020 14:19

Tgt Ion: 75 Resp: 12871
Ion Ratio Lower Upper
75 100
77 38.8 26.2 39.4

