

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100120\
 Data File : VV018608.D
 Acq On : 01 Oct 2020 23:09
 Operator : SY/MD
 Sample : L4237-10
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AC5

Quant Time: Oct 02 04:20:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 02 04:18:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	284996	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	280215	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	137878	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	88239	52.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.58%
7) Chloroethane-d5	1.58	69	82635	59.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	119.58%
11) 1,1-Dichloroethene-d2	2.12	63	145967	42.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.72%
21) 2-Butanone-d5	3.92	46	115871	92.94	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.94%
24) Chloroform-d	4.38	84	172714	47.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.58%
26) 1,2-Dichloroethane-d4	5.06	65	116507	50.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.56%
32) Benzene-d6	5.08	84	337545	47.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.12%
36) 1,2-Dichloropropane-d6	6.09	67	105640	49.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.52%
41) Toluene-d8	7.34	98	303549	45.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.92%
43) trans-1,3-Dichloropropene-	7.64	79	50847	43.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.78%
47) 2-Hexanone-d5	8.11	63	65906	80.91	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.91%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	128365	45.15	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.30%
64) 1,2-Dichlorobenzene-d4	11.65	152	132732	50.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.12%

Target Compounds

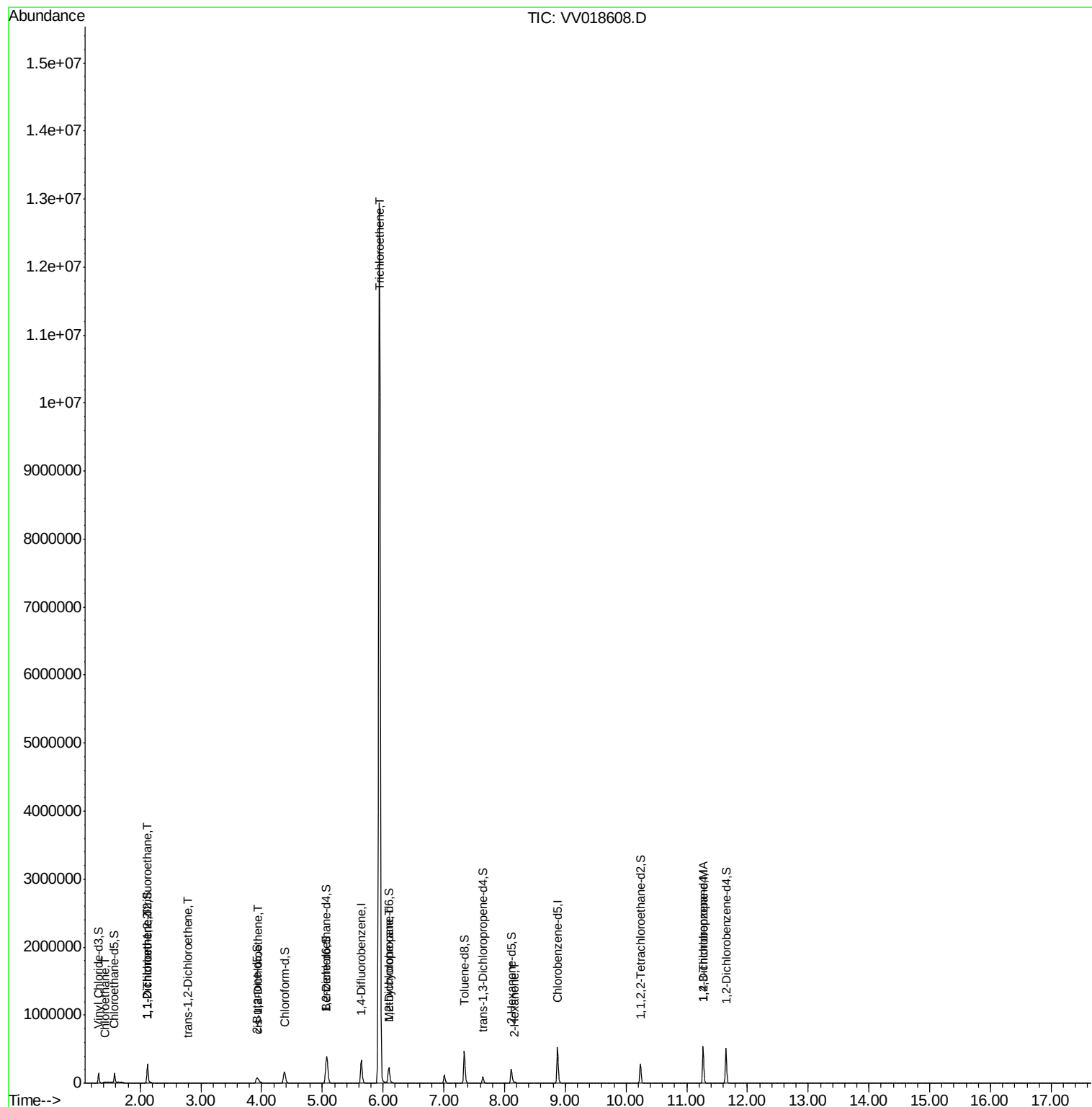
					Ovalue
8) Chloroethane	1.43	64	8319	6.192	ug/L # 52
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1427	0.769	ug/L # 17
12) 1,1-Dichloroethene	2.12	96	1744	0.980	ug/L # 1
17) trans-1,2-Dichloroethene	2.78	96	2376	1.167	ug/L 86
20) cis-1,2-Dichloroethene	3.95	96	11750	5.431	ug/L 92
34) Trichloroethene	5.94	95	4355412	1822.362	ug/L 97
35) Methylcyclohexane	6.10	83	26651	8.266	ug/L # 19
48) 2-Hexanone	8.16	43	5585	2.626	ug/L # 83
59) 1,2,3-Trichloropropane	11.27	75	15381	5.987	ug/L # 85

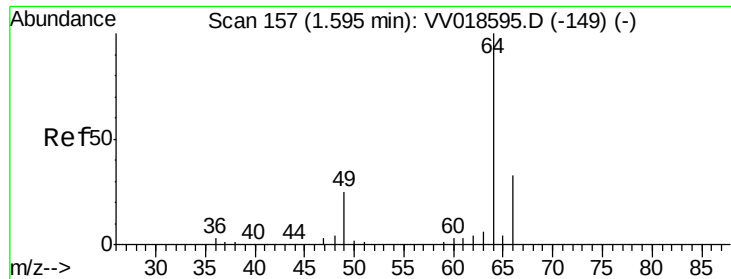
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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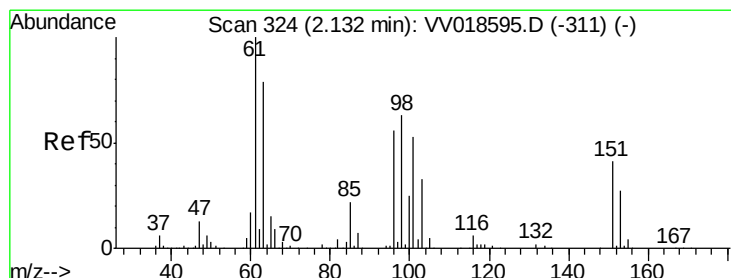
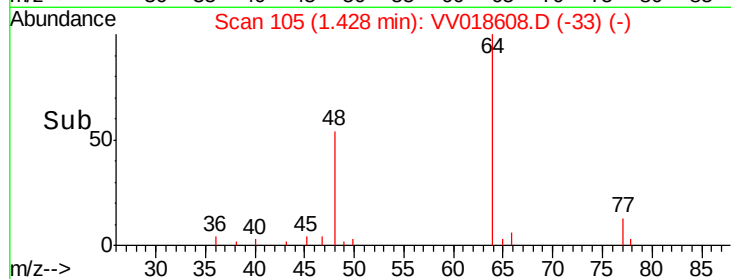
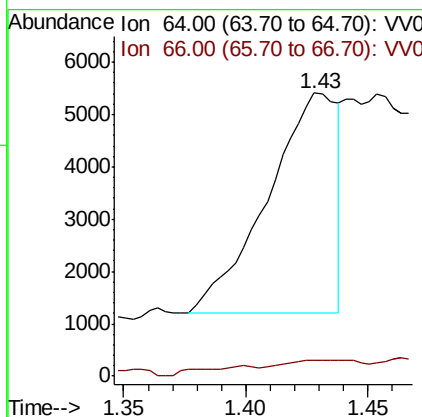
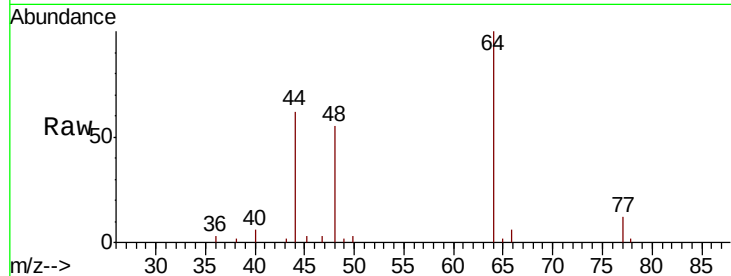




#8
Chloroethane
Concen: 6.192 ug/L
RT: 1.43 min Scan# 105
Delta R.T. -0.17 min
Lab File: VV018608.D
Acq: 01 Oct 2020 23:09

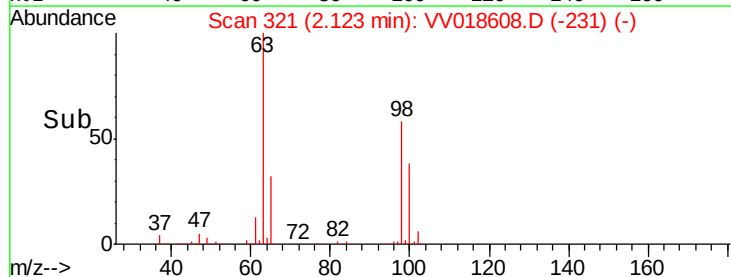
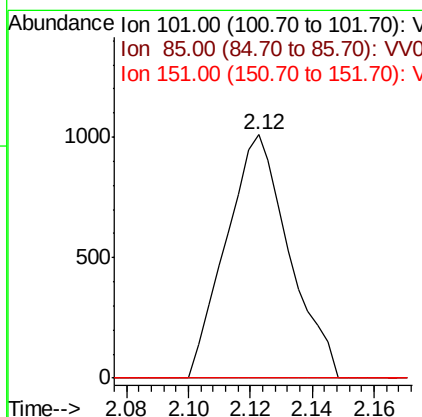
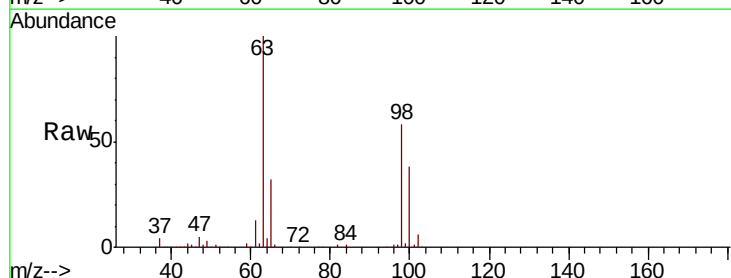
Instrument :
MSVOA_V
ClientSampleId :
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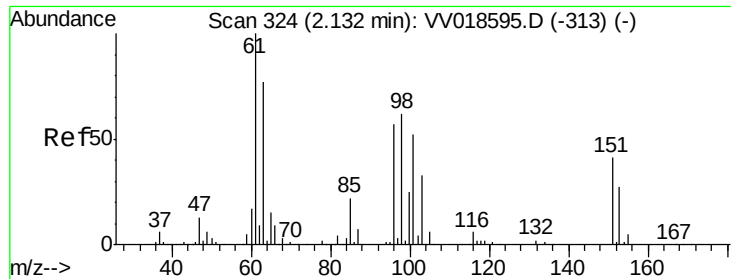
Tot Ion: 64 Resp: 8319
Ion Ratio Lower Upper
64 100
66 5.6 22.8 42.4#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.769 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.01 min
Lab File: VV018608.D
Acq: 01 Oct 2020 23:09

Tgt Ion:101 Resp: 1427
Ion Ratio Lower Upper
101 100
85 0.0 34.6 52.0#
151 0.0 64.3 96.5#

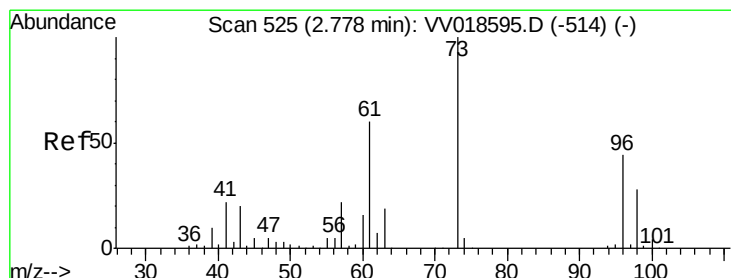
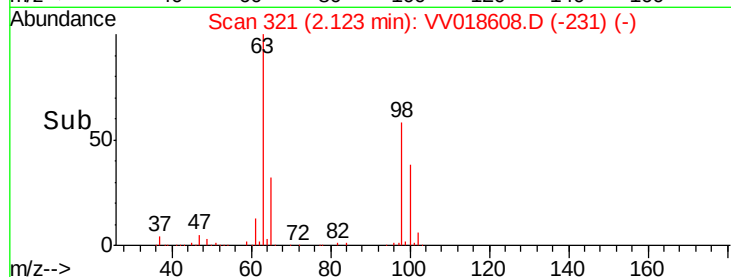
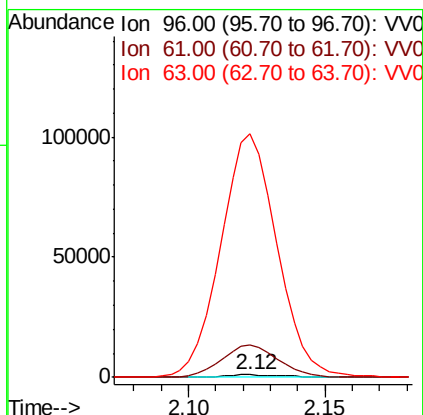
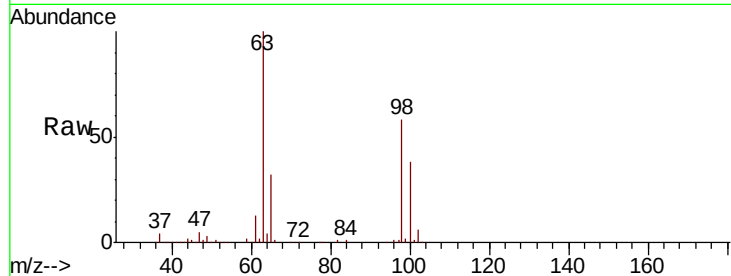




#12
 1,1-Dichloroethene
 Concen: 0.980 ug/L
 RT: 2.12 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VV018608.D
 Acq: 01 Oct 2020 23:09

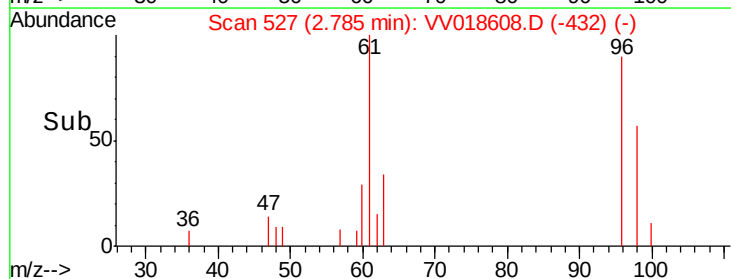
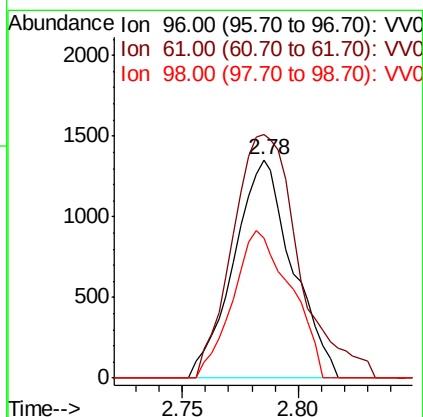
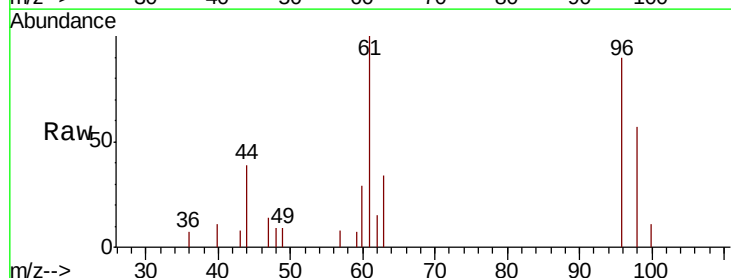
Instrument :
 MSVOA_V
 ClientSampleId :
 E0AC5

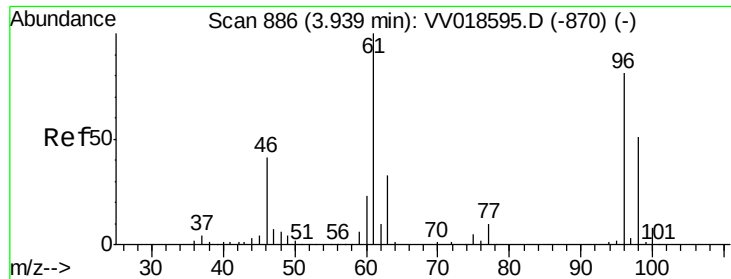
Tot Ion: 96 Resp: 1744
 Ion Ratio Lower Upper
 96 100
 61 1271.2 122.8 228.1#
 63 9652.6 91.9 170.7#



#17
 trans-1,2-Dichloroethene
 Concen: 1.167 ug/L
 RT: 2.78 min Scan# 527
 Delta R.T. 0.01 min
 Lab File: VV018608.D
 Acq: 01 Oct 2020 23:09

Tgt Ion: 96 Resp: 2376
 Ion Ratio Lower Upper
 96 100
 61 111.6 95.0 176.4
 98 64.1 44.6 82.8

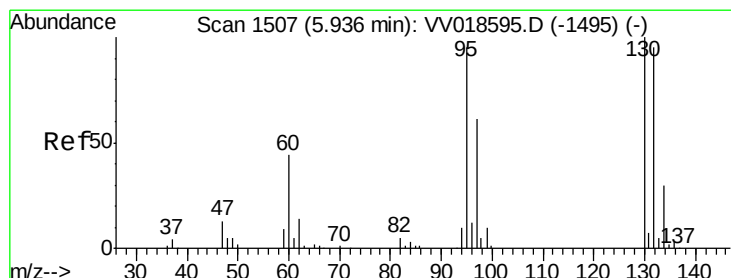
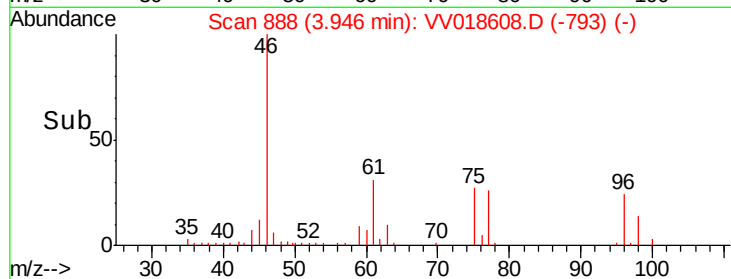
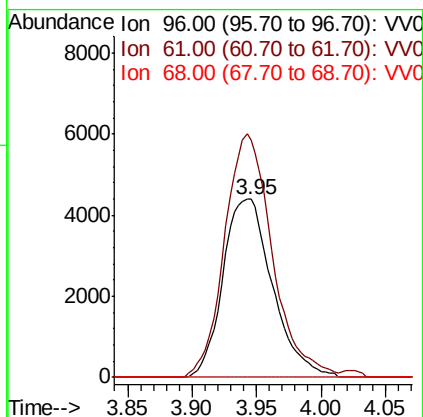
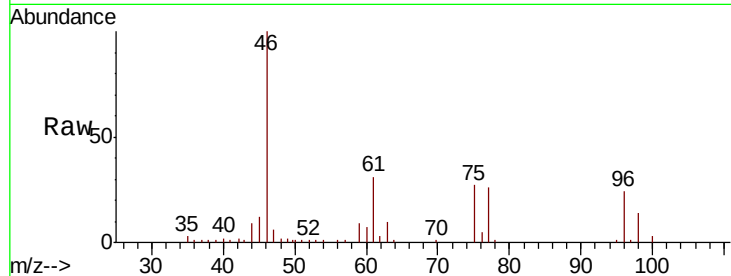




#20
 cis-1,2-Dichloroethene
 Concen: 5.431 ug/L
 RT: 3.95 min Scan# 888
 Delta R.T. 0.01 min
 Lab File: VV018608.D
 Acq: 01 Oct 2020 23:09

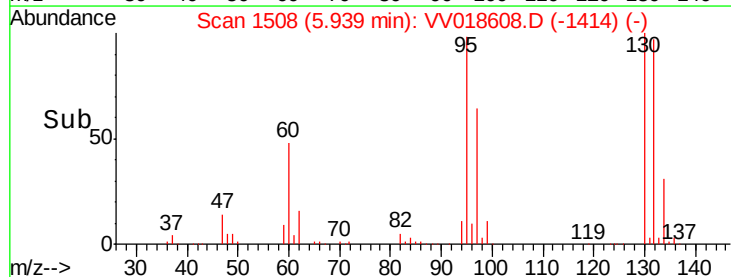
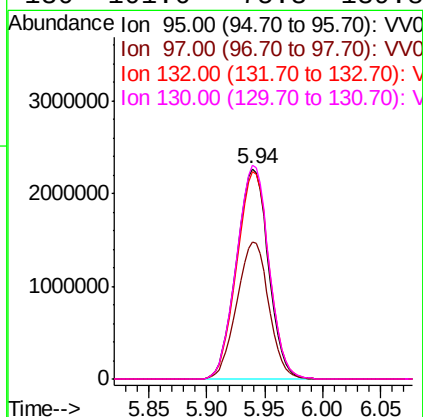
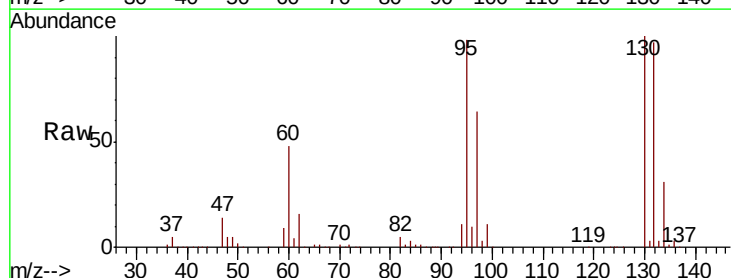
Instrument :
 MSVOA_V
 ClientSampleId :
 E0AC5

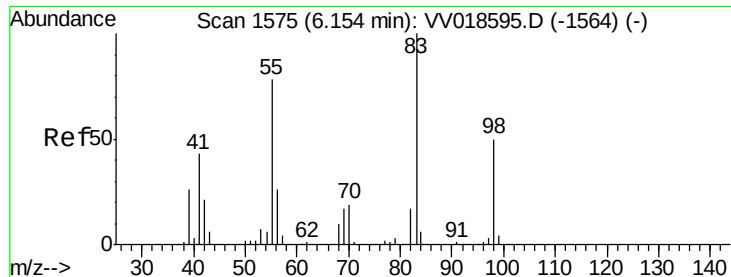
Tot Ion: 96 Resp: 11750
 Ion Ratio Lower Upper
 96 100
 61 133.5 86.8 161.2
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 1822.362 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: VV018608.D
 Acq: 01 Oct 2020 23:09

Tgt Ion: 95 Resp: 4355412
 Ion Ratio Lower Upper
 95 100
 97 65.2 45.9 85.3
 132 98.6 70.8 131.4
 130 101.6 75.3 139.8





#35

Methylcyclohexane

Concen: 8.266 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.06 min

Lab File: VV018608.D

Acq: 01 Oct 2020 23:09

Instrument :
MSVOA_V
ClientSampleId :
E0AC5

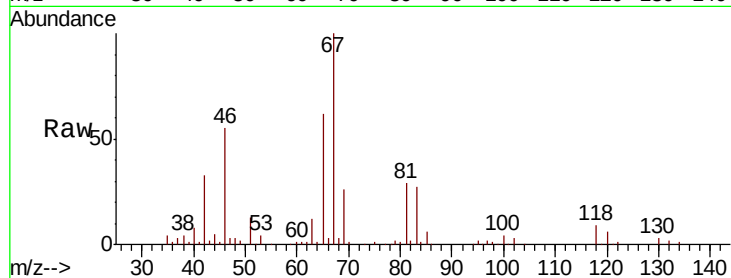
Tot Ion: 83 Resp: 26651

Ion Ratio Lower Upper

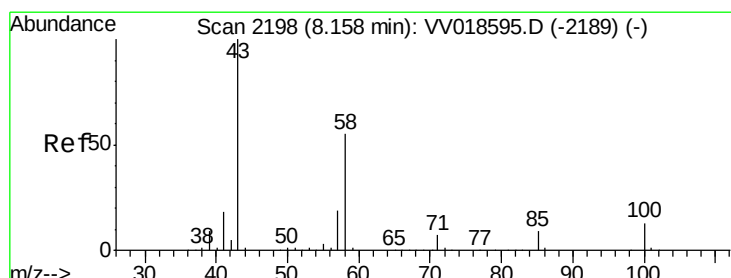
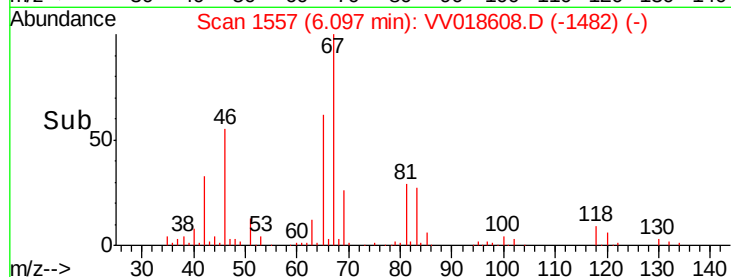
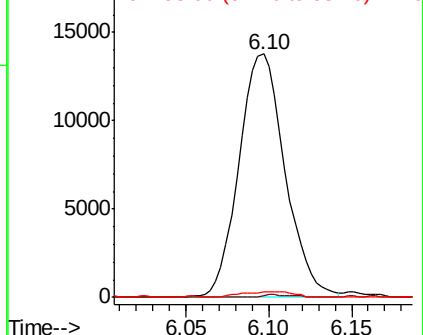
83 100

55 0.5 60.1 90.1#

98 1.4 40.2 60.4#



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



#48

2-Hexanone

Concen: 2.626 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. 0.01 min

Lab File: VV018608.D

Acq: 01 Oct 2020 23:09

Tgt Ion: 43 Resp: 5585

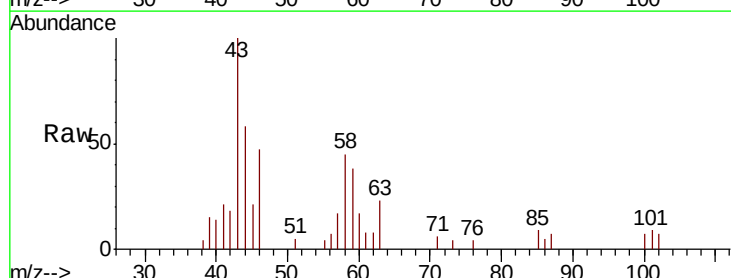
Ion Ratio Lower Upper

43 100

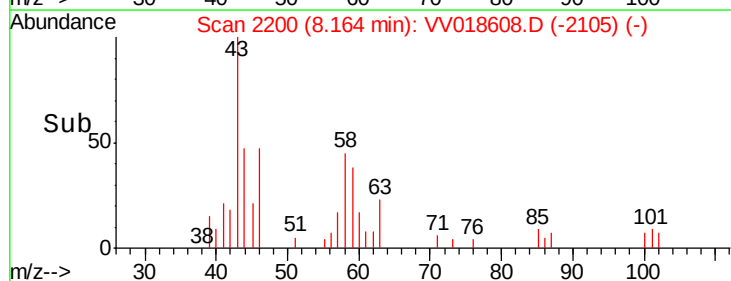
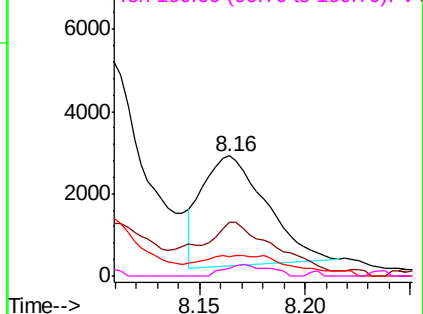
58 48.6 45.1 67.7

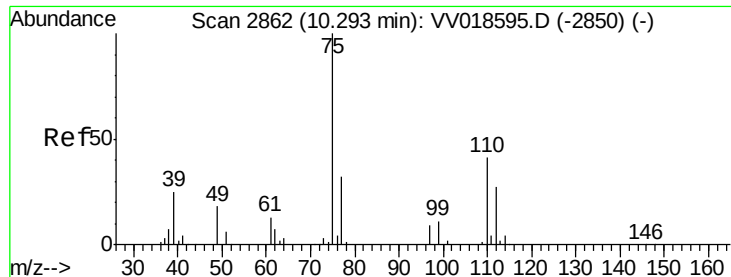
57 4.8 15.7 23.5#

100 5.1 11.0 16.4#



Abundance Ion 43.00 (42.70 to 43.70): VV0
Ion 58.00 (57.70 to 58.70): VV0
Ion 57.00 (56.70 to 57.70): VV0
Ion 100.00 (99.70 to 100.70): VV0





#59

1,2,3-Trichloropropane

Concen: 5.987 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018608.D

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Instrument :

MSVOA_V

ClientSampleId :

E0AC5

Tot Ion: 75 Resp: 15381

Ion Ratio Lower Upper

75 100

77 40.2 25.4 38.0#

