

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091820\
 Data File : VV018331.D
 Acq On : 18 Sep 2020 18:30
 Operator : SY/MD
 Sample : L4065-20
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 19 01:45:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 19 01:35:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	272731	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	270660	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	128154	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	97649	43.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.86%
7) Chloroethane-d5	1.58	69	81343	44.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.44%
11) 1,1-Dichloroethene-d2	2.12	63	141123	34.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.22%
21) 2-Butanone-d5	3.92	46	120587	88.64	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.64%
24) Chloroform-d	4.38	84	172134	44.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.28%
26) 1,2-Dichloroethane-d4	5.06	65	114486	46.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.62%
32) Benzene-d6	5.08	84	348981	45.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.08%
36) 1,2-Dichloropropane-d6	6.09	67	111000	45.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.18%
41) Toluene-d8	7.34	98	305389	43.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.50%
43) trans-1,3-Dichloropropene-	7.64	79	51513	41.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.36%
47) 2-Hexanone-d5	8.11	63	81579	87.48	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.48%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	138059	44.68	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.36%
64) 1,2-Dichlorobenzene-d4	11.65	152	128009	48.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.28%

Target Compounds

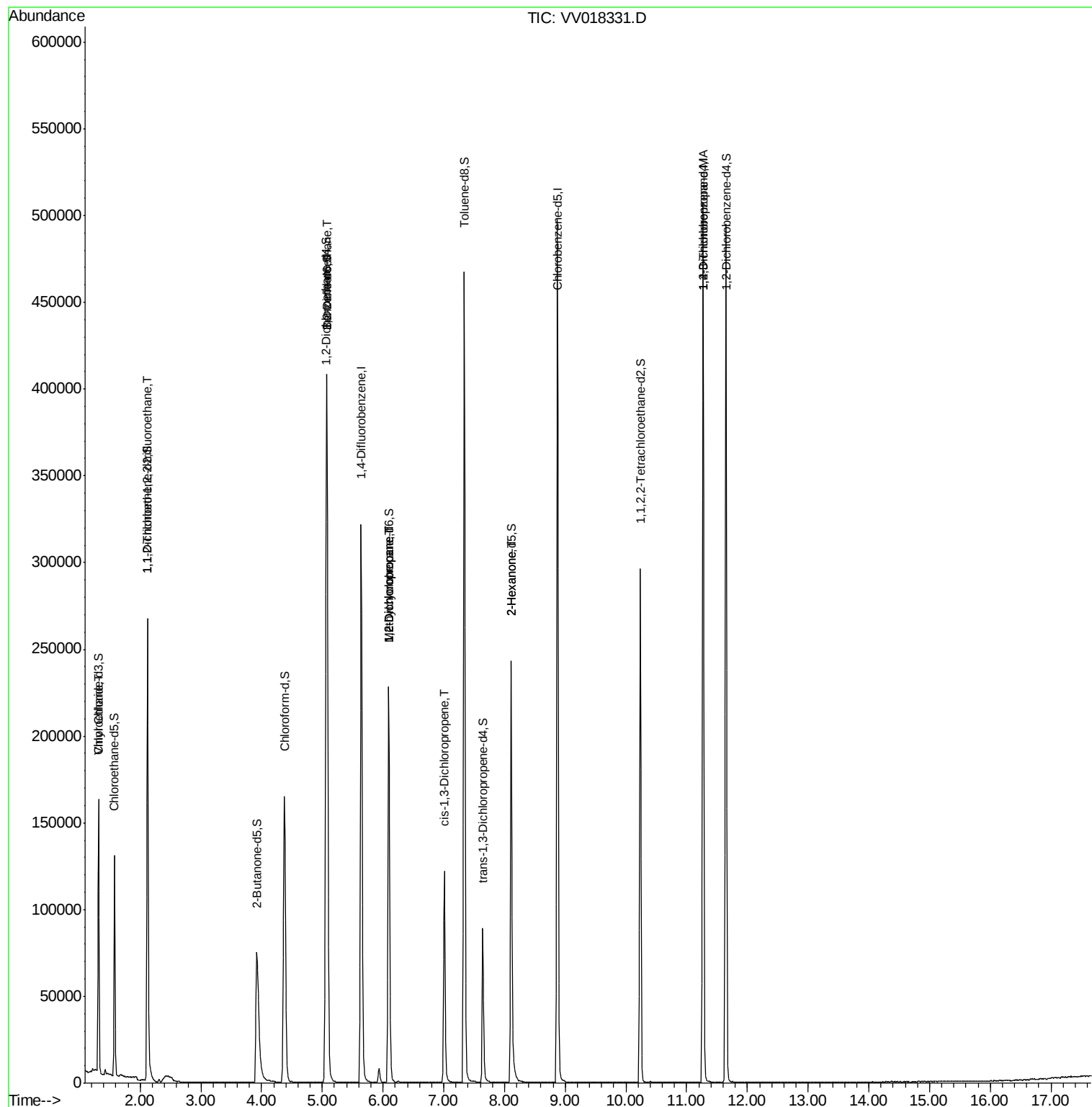
					Ovalue	
8) Chloroethane	1.32	64	1356	0.972	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1328	0.722	ug/L #	19
27) 1,2-Dichloroethane	5.07	62	2137	0.778	ug/L #	74
35) Methylcyclohexane	6.09	83	26165	8.244	ug/L #	18
37) 1,2-Dichloropropane	6.09	63	12022	5.863	ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	3049	0.965	ug/L #	78
48) 2-Hexanone	8.11	43	10282	5.243	ug/L #	68
59) 1,2,3-Trichloropropane	11.27	75	14385	5.964	ug/L	90

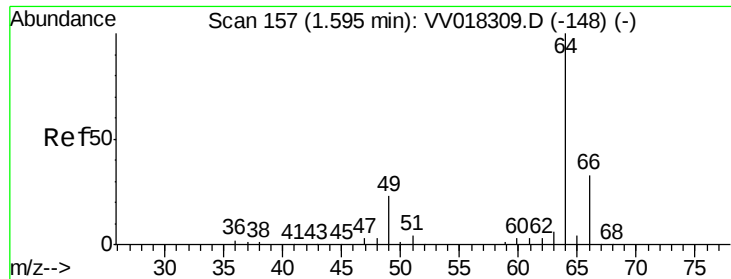
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Sep 19 01:35:10 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.972 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.28 min

Lab File: VV018331.D

Acq: 18 Sep 2020 18:30

Instrument :

MSVOA_V

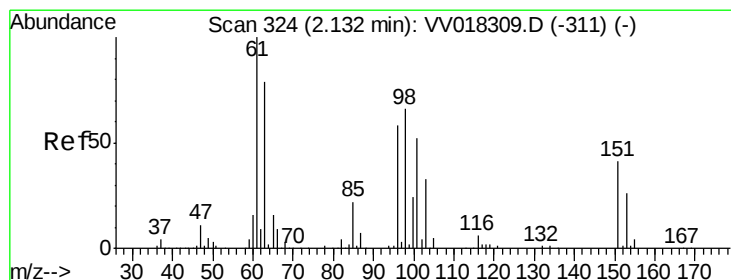
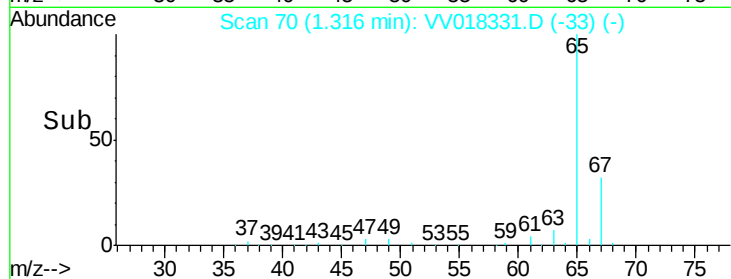
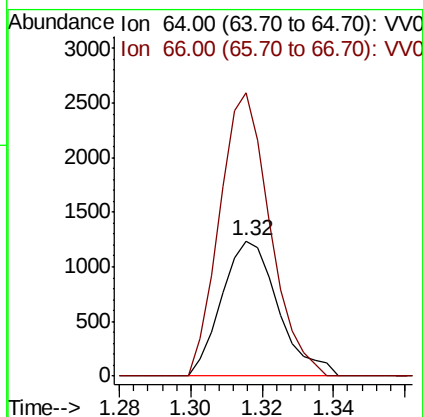
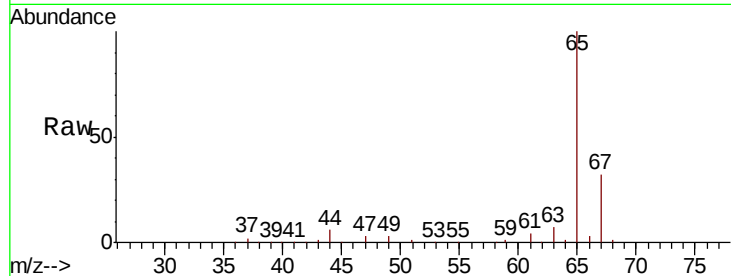
ClientSampleId :

Tot Ion: 64 Resp: 1356

Ion Ratio Lower Upper

64 100

66 209.8 22.5 41.7#



#10

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

Concen: 0.722 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018331.D

Acq: 18 Sep 2020 18:30

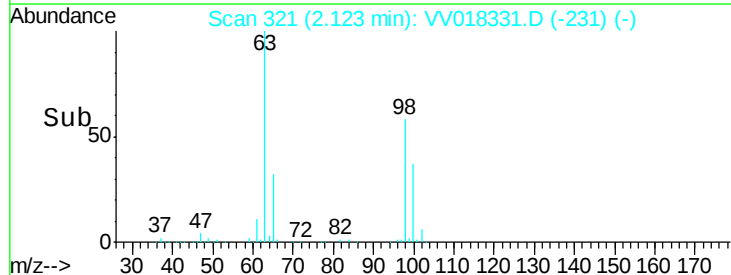
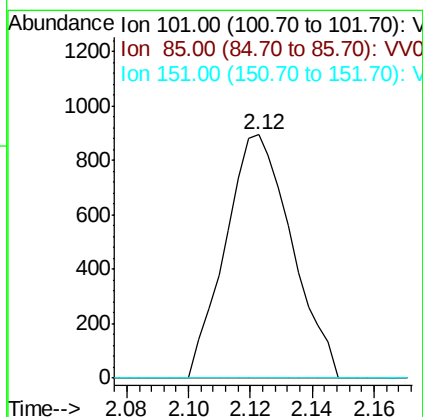
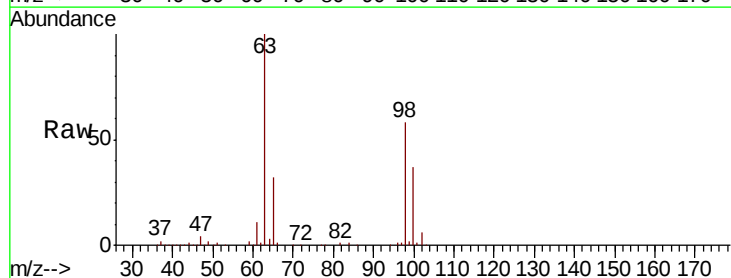
Tgt Ion: 101 Resp: 1328

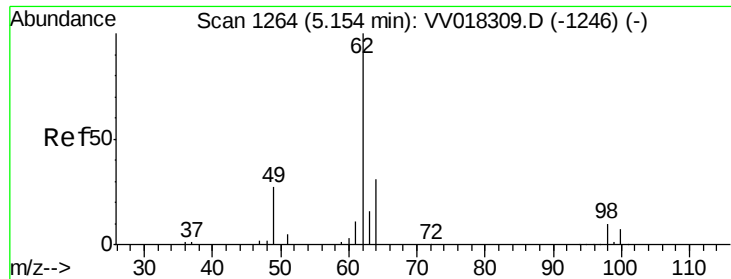
Ion Ratio Lower Upper

101 100

85 0.0 33.5 50.3#

151 0.0 62.2 93.2#

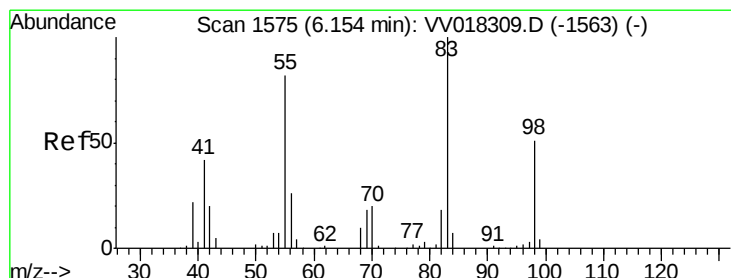
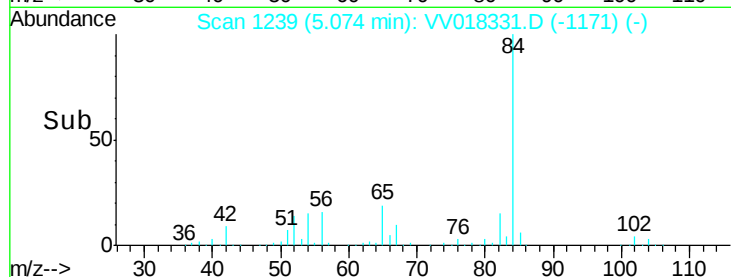
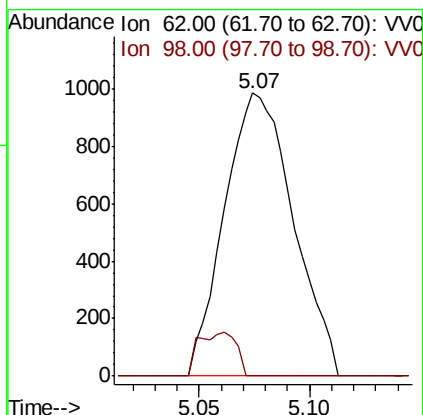
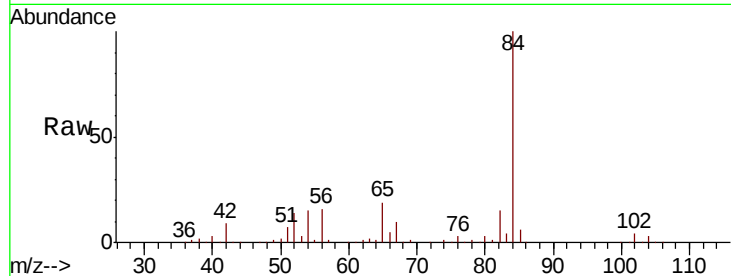




#27
 1,2-Dichloroethane
 Concen: 0.778 ug/L
 RT: 5.07 min Scan# 1239
 Delta R.T. -0.08 min
 Lab File: VV018331.D
 Acq: 18 Sep 2020 18:30

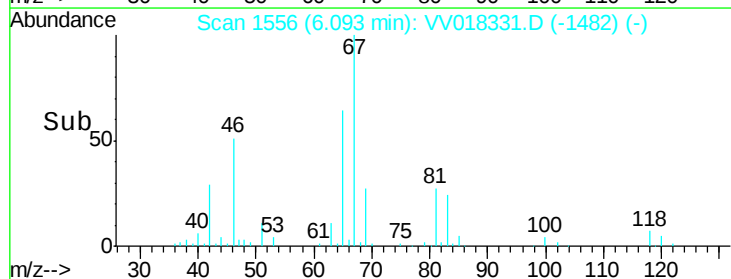
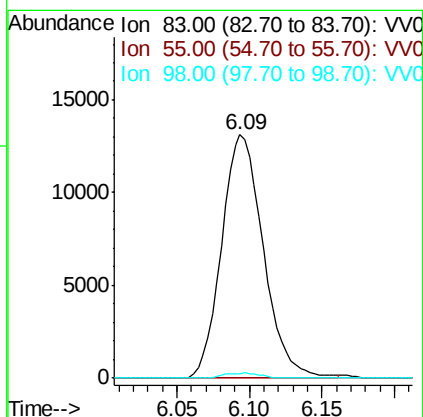
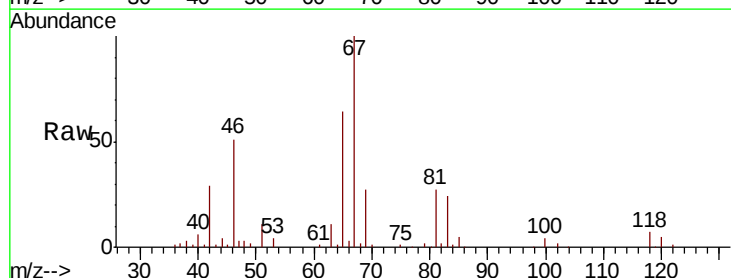
Instrument :
 MSVOA_V
 ClientSampled :

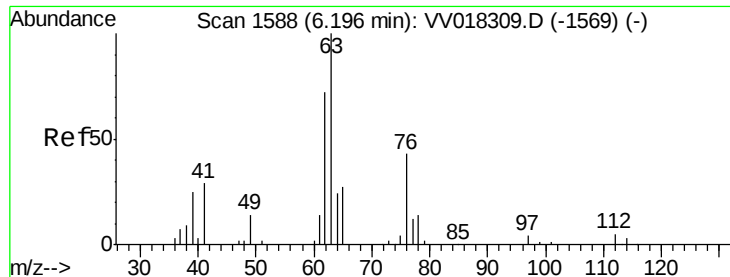
Tot Ion: 62 Resp: 2137
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.6 11.4#



#35
 Methylcyclohexane
 Concen: 8.244 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.06 min
 Lab File: VV018331.D
 Acq: 18 Sep 2020 18:30

Tgt Ion: 83 Resp: 26165
 Ion Ratio Lower Upper
 83 100
 55 0.0 63.4 95.2#
 98 1.7 38.8 58.2#

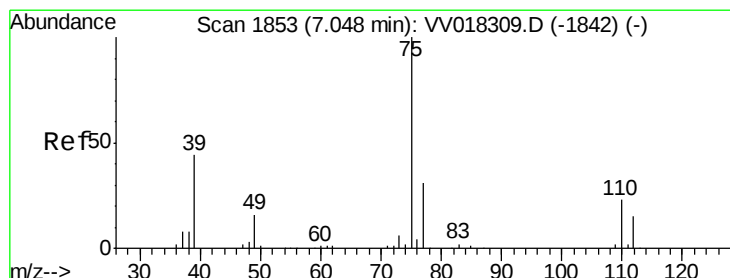
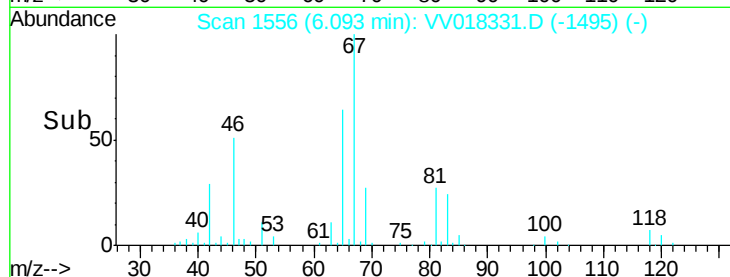
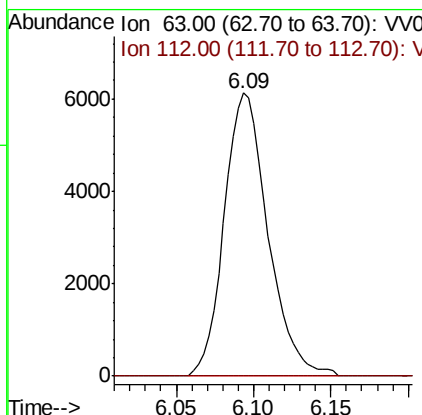
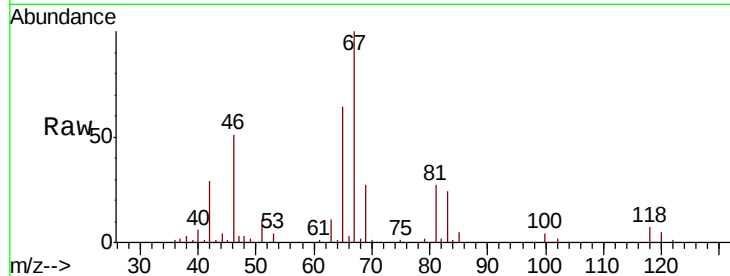




#37
 1,2-Dichloropropane
 Concen: 5.863 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV018331.D
 Acq: 18 Sep 2020 18:30

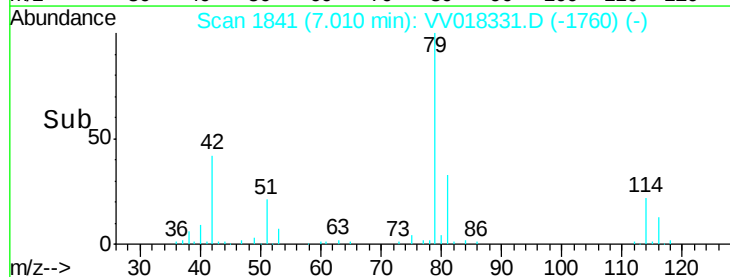
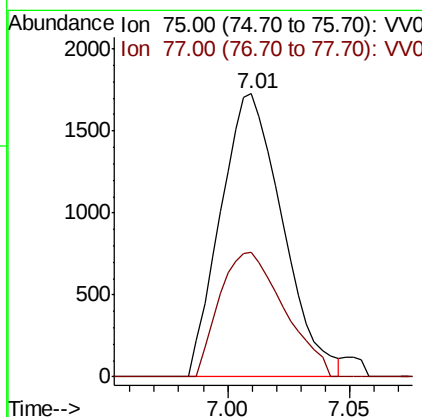
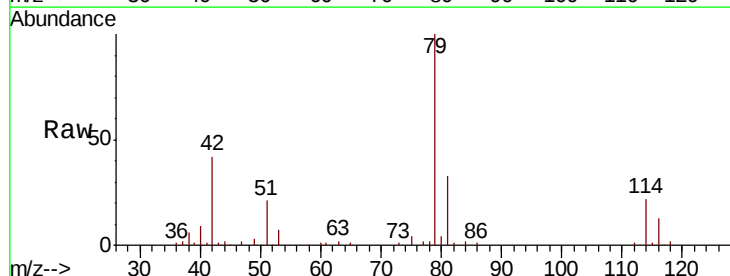
Instrument :
 MSVOA_V
 ClientSampleId :

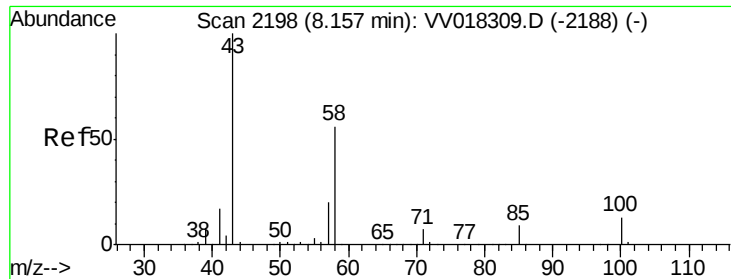
Tot Ion: 63 Resp: 12022
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.965 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV018331.D
 Acq: 18 Sep 2020 18:30

Tgt Ion: 75 Resp: 3049
 Ion Ratio Lower Upper
 75 100
 77 44.1 22.3 41.3#

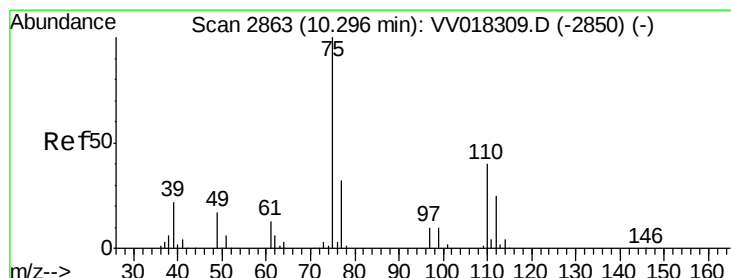
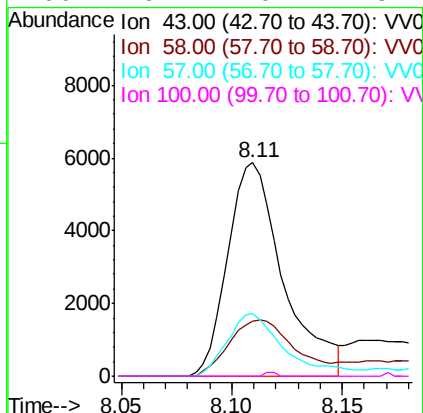
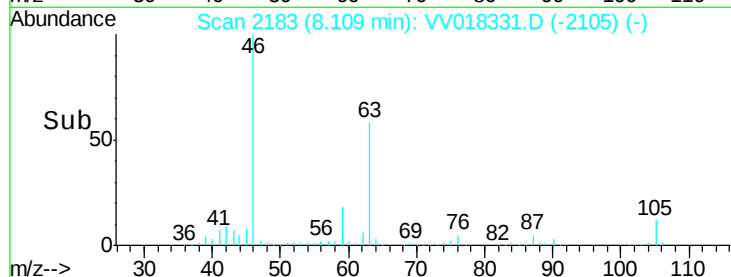
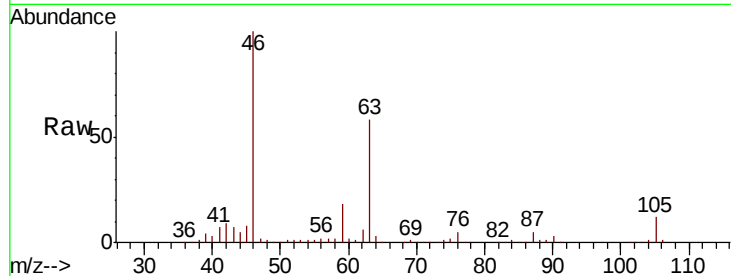




#48
 2-Hexanone
 Concen: 5.243 ug/L
 RT: 8.11 min Scan# 2183
 Delta R.T. -0.05 min
 Lab File: VV018331.D
 Acq: 18 Sep 2020 18:30

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 43 Resp: 10282
 Ion Ratio Lower Upper
 43 100
 58 30.8 44.8 67.2#
 57 30.5 15.8 23.6#
 100 0.4 10.2 15.4#



#59
 1,2,3-Trichloropropane
 Concen: 5.964 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.97 min
 Lab File: VV018331.D
 Acq: 18 Sep 2020 18:30

Tgt Ion: 75 Resp: 14385
 Ion Ratio Lower Upper
 75 100
 77 37.5 25.8 38.6

