

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102020\
 Data File : VV019014.D
 Acq On : 20 Oct 2020 15:11
 Operator : SY/MD
 Sample : L4471-01ME
 Misc : 5.59g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 21 06:10:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 21 06:02:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	296553	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.88	117	283554	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	129018	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	106176	43.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.00%
7) Chloroethane-d5	1.58	69	101442	52.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.90%
11) 1,1-Dichloroethene-d2	2.10	63	190370	41.31	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.62%
21) 2-Butanone-d5	3.93	46	219991	129.29	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	129.29%
24) Chloroform-d	4.37	84	266266	60.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	121.42%
26) 1,2-Dichloroethane-d4	5.05	65	192546	66.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	132.28%#
32) Benzene-d6	5.07	84	509244	61.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	123.04%
36) 1,2-Dichloropropane-d6	6.09	67	173462	65.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	131.08%#
41) Toluene-d8	7.34	98	424574	57.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.34%
43) trans-1,3-Dichloropropene-	7.64	79	78413	60.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	121.22%
47) 2-Hexanone-d5	8.14	63	119626	121.67	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	121.67%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	182708	58.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	117.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	176979	67.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	134.84%#

Target Compounds

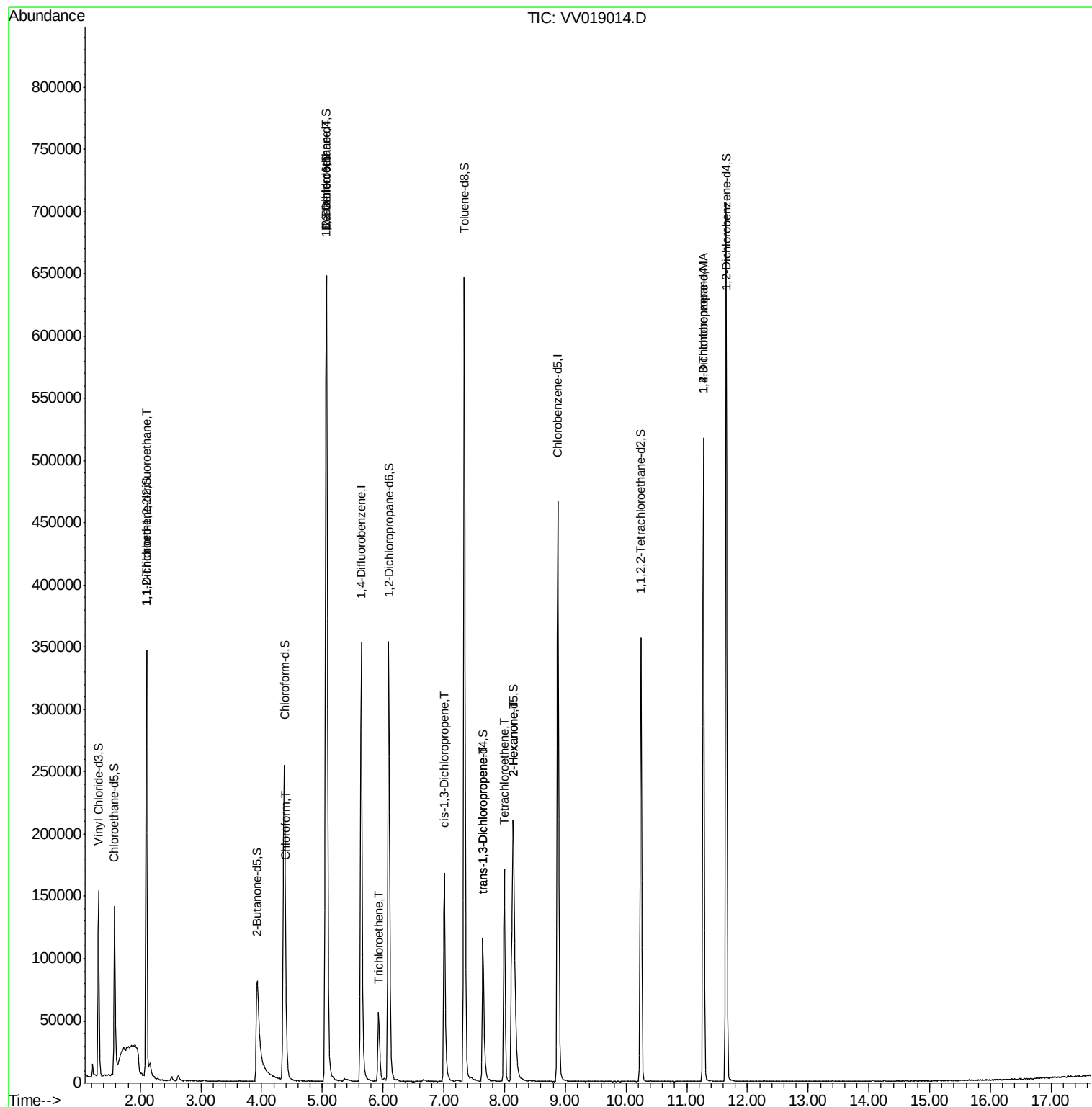
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.10	101	1628	0.846	ug/L #	21
25) Chloroform	4.40	83	12470	2.945	ug/L	100
27) 1,2-Dichloroethane	5.07	62	3362	0.972	ug/L	97
34) Trichloroethene	5.95	95	2685	1.071	ug/L	94
39) cis-1,3-Dichloropropene	7.01	75	4532	1.296	ug/L #	76
44) trans-1,3-Dichloropropene	7.64	75	3509	1.036	ug/L #	74
46) Tetrachloroethene	8.00	164	37361	21.149	ug/L	96
48) 2-Hexanone	8.14	43	14634	5.752	ug/L #	75
59) 1,2,3-Trichloropropane	11.27	75	15565	5.526	ug/L #	86

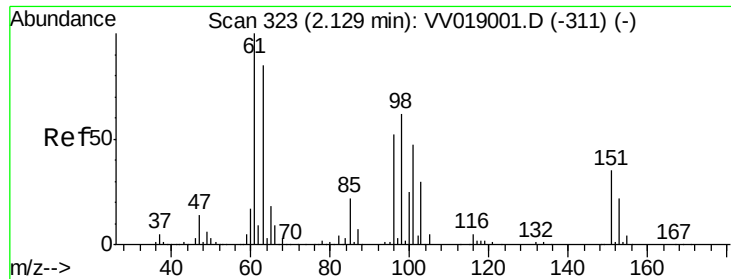
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 21 06:10:42 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 21 06:02:04 2020
Response via : Initial Calibration





#10

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

Concen: 0.846 ug/L

RT: 2.10 min Scan# 315

Delta R.T. -0.03 min

Lab File: VV019014.D

Acq: 20 Oct 2020 15:11

Instrument :

MSVOA_V

ClientSampleId :

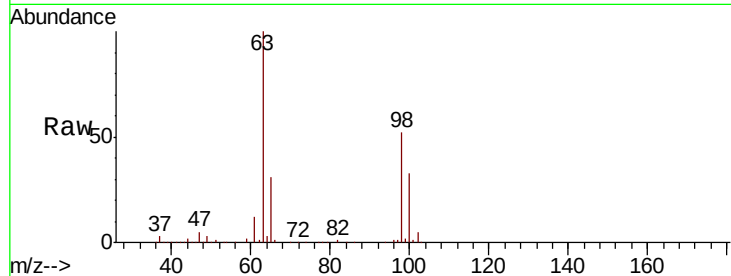
Tot Ion:101 Resp: 1628

Ion Ratio Lower Upper

101 100

85 2.6 35.0 52.4#

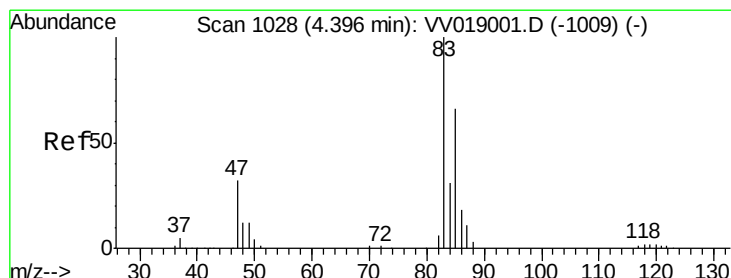
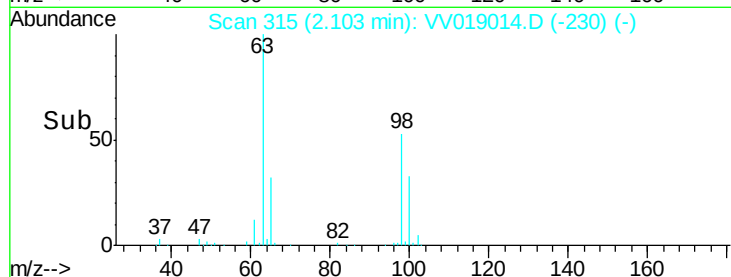
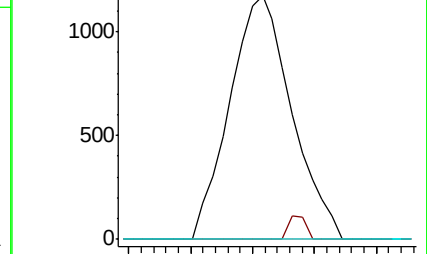
151 0.0 59.7 89.5#



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



#25

Chloroform

Concen: 2.945 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VV019014.D

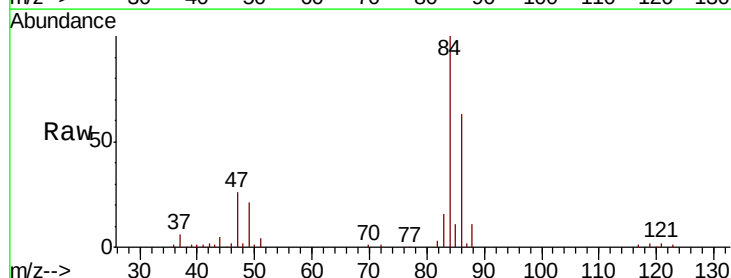
Acq: 20 Oct 2020 15:11

Tgt Ion: 83 Resp: 12470

Ion Ratio Lower Upper

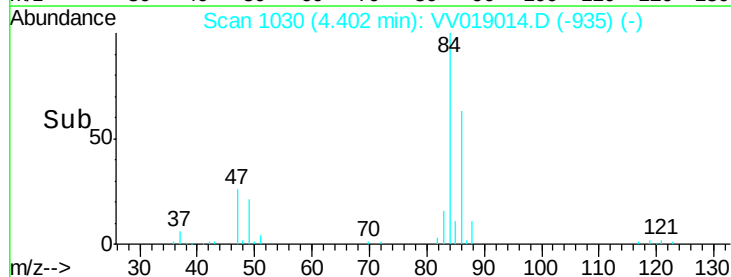
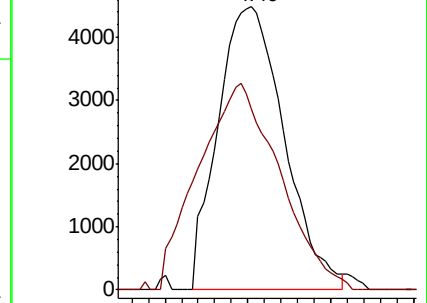
83 100

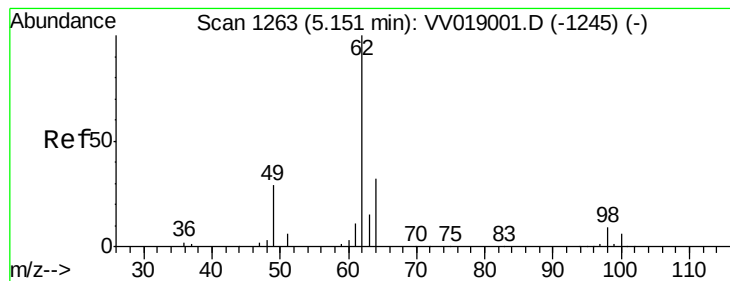
85 64.1 44.6 82.8



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0





#27

1,2-Dichloroethane

Concen: 0.972 ug/L

RT: 5.07 min Scan# 1238

Delta R.T. -0.08 min

Lab File: VV019014.D

Acq: 20 Oct 2020 15:11

Instrument :

MSVOA_V

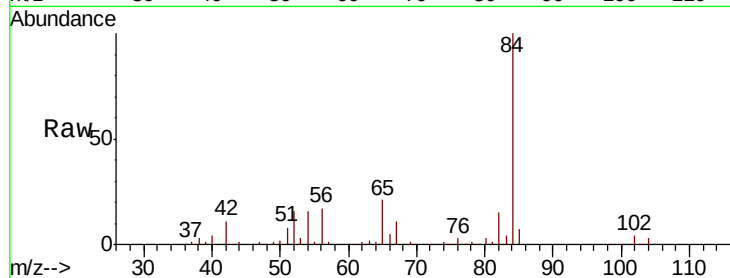
ClientSampleId :

Tot Ion: 62 Resp: 3362

Ion Ratio Lower Upper

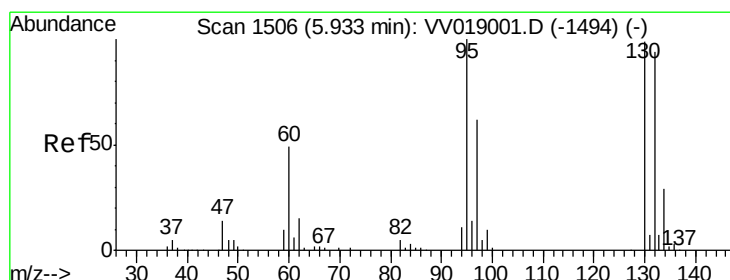
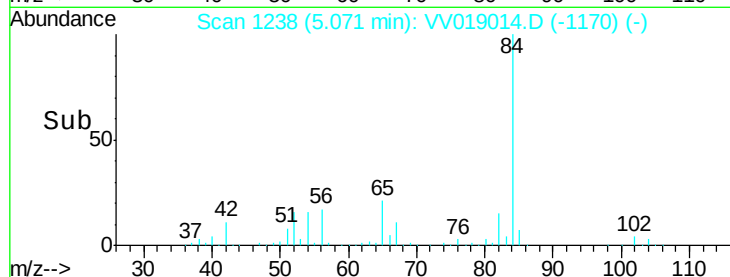
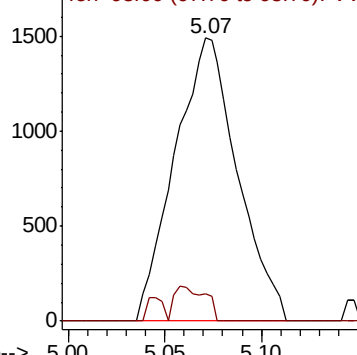
62 100

98 9.7 7.0 10.6



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



#34

Trichloroethene

Concen: 1.071 ug/L

RT: 5.95 min Scan# 1510

Delta R.T. 0.01 min

Lab File: VV019014.D

Acq: 20 Oct 2020 15:11

Tgt Ion: 95 Resp: 2685

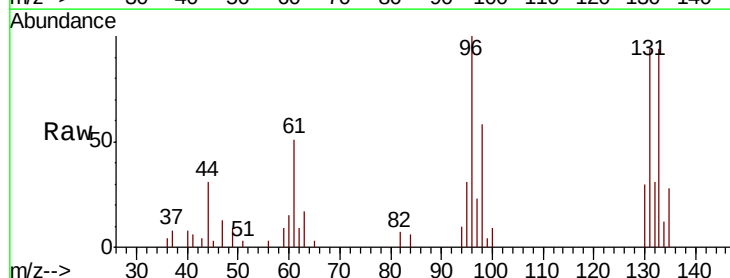
Ion Ratio Lower Upper

95 100

97 75.7 44.7 82.9

132 99.0 67.0 124.4

130 98.2 70.8 131.6

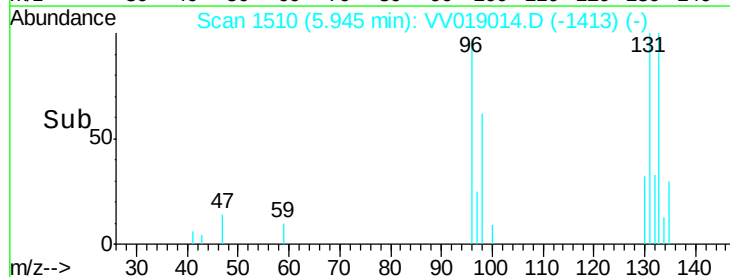
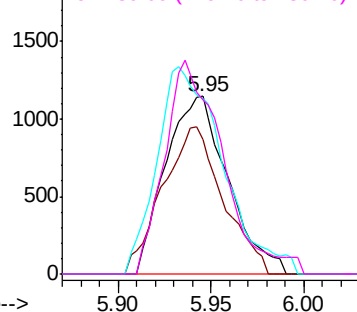


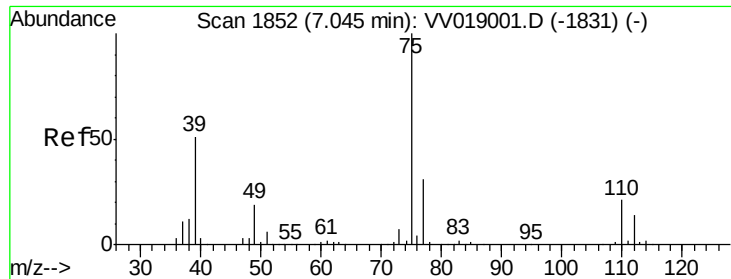
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0

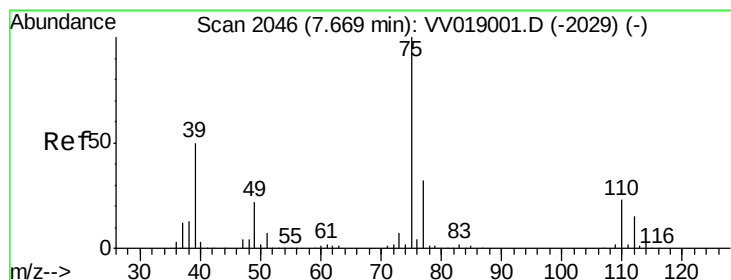
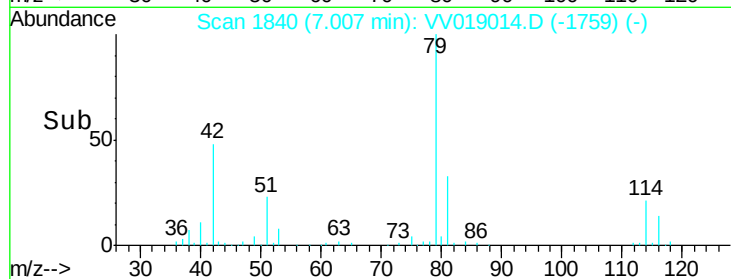
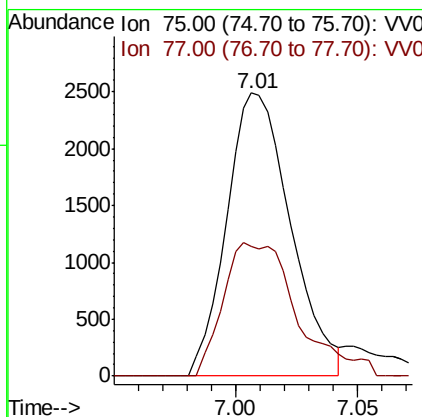
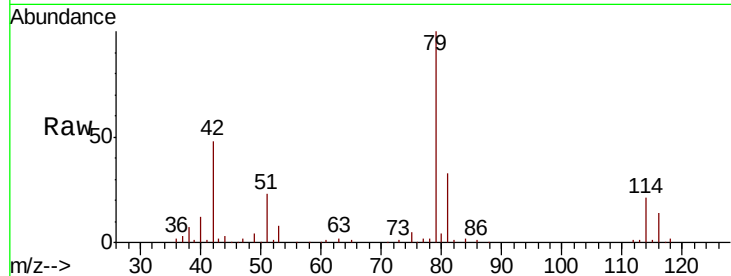




#39
 cis-1,3-Dichloropropene
 Concen: 1.296 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV019014.D
 Acq: 20 Oct 2020 15:11

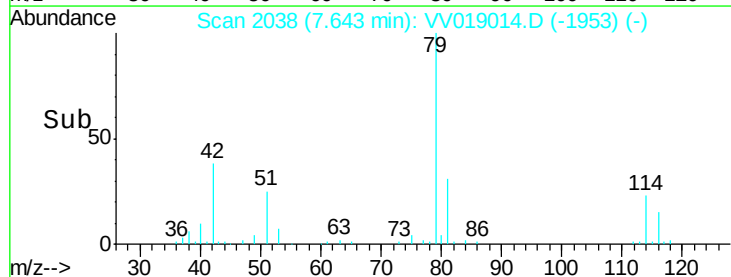
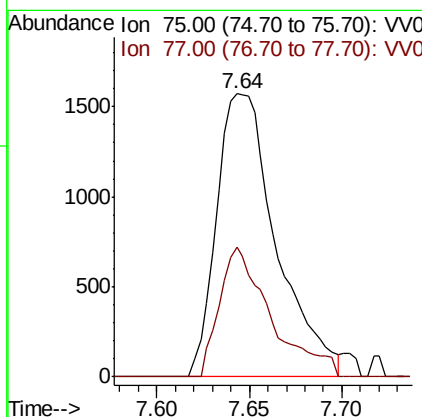
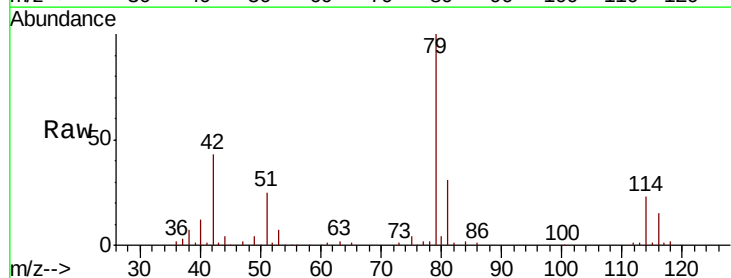
Instrument :
 MSVOA_V
 ClientSampled :

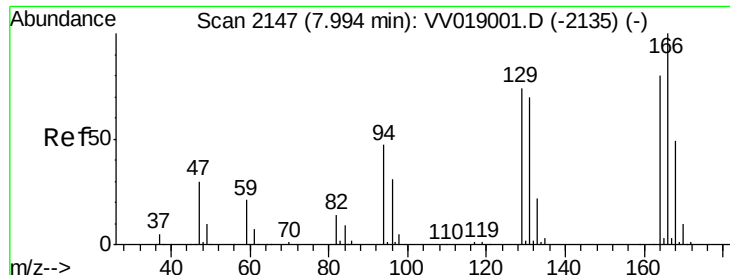
Tot Ion: 75 Resp: 4532
 Ion Ratio Lower Upper
 75 100
 77 45.9 22.5 41.9#



#44
 trans-1,3-Dichloropropene
 Concen: 1.036 ug/L
 RT: 7.64 min Scan# 2038
 Delta R.T. -0.03 min
 Lab File: VV019014.D
 Acq: 20 Oct 2020 15:11

Tgt Ion: 75 Resp: 3509
 Ion Ratio Lower Upper
 75 100
 77 45.7 21.9 40.7#





#46

Tetrachloroethene

Concen: 21.149 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV019014.D

Acq: 20 Oct 2020 15:11

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:164 Resp: 37361

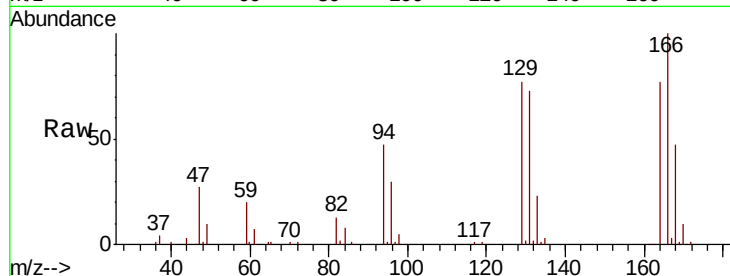
Ion Ratio Lower Upper

164 100

129 98.9 65.0 120.8

131 94.1 62.9 116.7

166 129.1 91.1 169.3

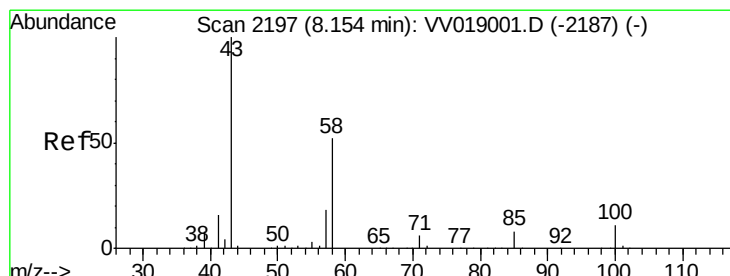
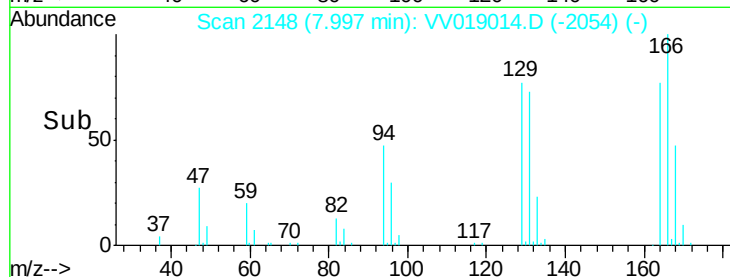
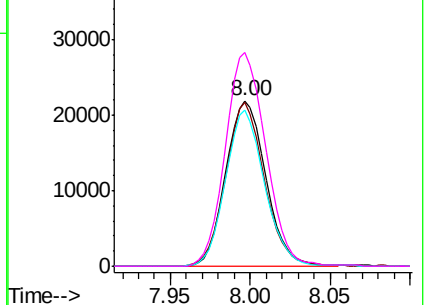


Abundance Ion 164.00 (163.70 to 164.70): V

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: 5.752 ug/L

RT: 8.14 min Scan# 2193

Delta R.T. -0.01 min

Lab File: VV019014.D

Acq: 20 Oct 2020 15:11

Tgt Ion: 43 Resp: 14634

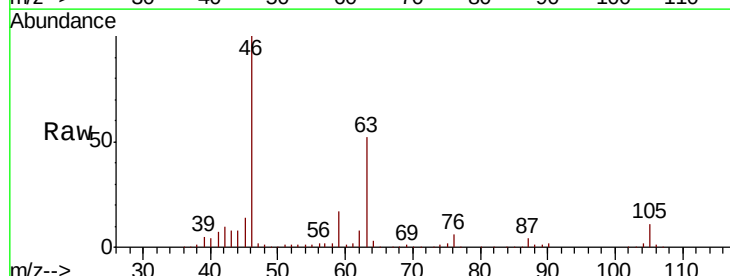
Ion Ratio Lower Upper

43 100

58 31.7 42.5 63.7#

57 21.7 14.5 21.7

100 0.9 9.0 13.4#

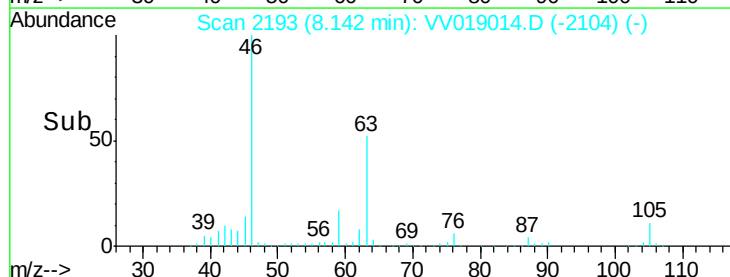
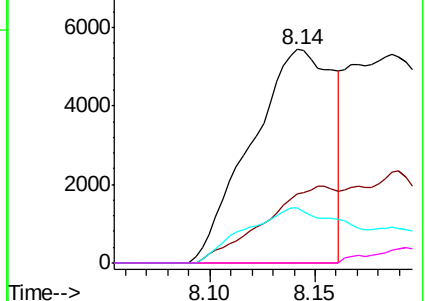


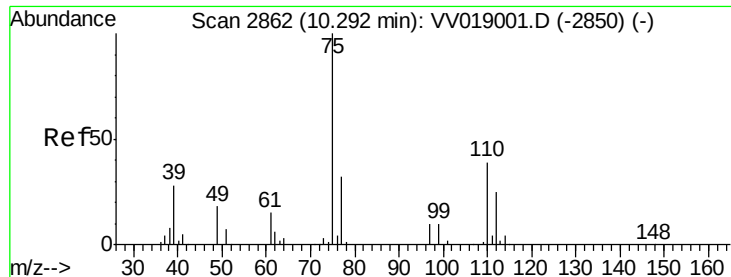
Abundance Ion 43.00 (42.70 to 43.70): VV0

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: 5.526 ug/L

RT: 11.27 min Scan# 3167

Delta R.T. 0.98 min

Lab File: VV019014.D

Acq: 20 Oct 2020 15:11

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 15565

Ion Ratio Lower Upper

75 100

77 39.6 25.4 38.2#

