

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102320\
 Data File : VV019098.D
 Acq On : 23 Oct 2020 17:42
 Operator : SY/MD
 Sample : L4502-02 2X
 Misc : 5.82g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 24 03:33:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 24 03:31:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	275245	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	274628	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	138841	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	120037	48.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.02%
7) Chloroethane-d5	1.58	69	93556	46.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.96%
11) 1,1-Dichloroethene-d2	2.11	63	190269	40.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.26%
21) 2-Butanone-d5	3.92	46	159161	94.64	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.64%
24) Chloroform-d	4.37	84	222002	50.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.52%
26) 1,2-Dichloroethane-d4	5.05	65	158635	53.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.90%
32) Benzene-d6	5.07	84	431313	51.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.70%
36) 1,2-Dichloropropane-d6	6.09	67	137533	50.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.08%
41) Toluene-d8	7.33	98	389923	51.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.80%
43) trans-1,3-Dichloropropene-	7.64	79	71038	50.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.88%
47) 2-Hexanone-d5	8.12	63	124112	104.90	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.90%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	178209	49.21	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.42%
64) 1,2-Dichlorobenzene-d4	11.65	152	160077	54.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.94%

Target Compounds

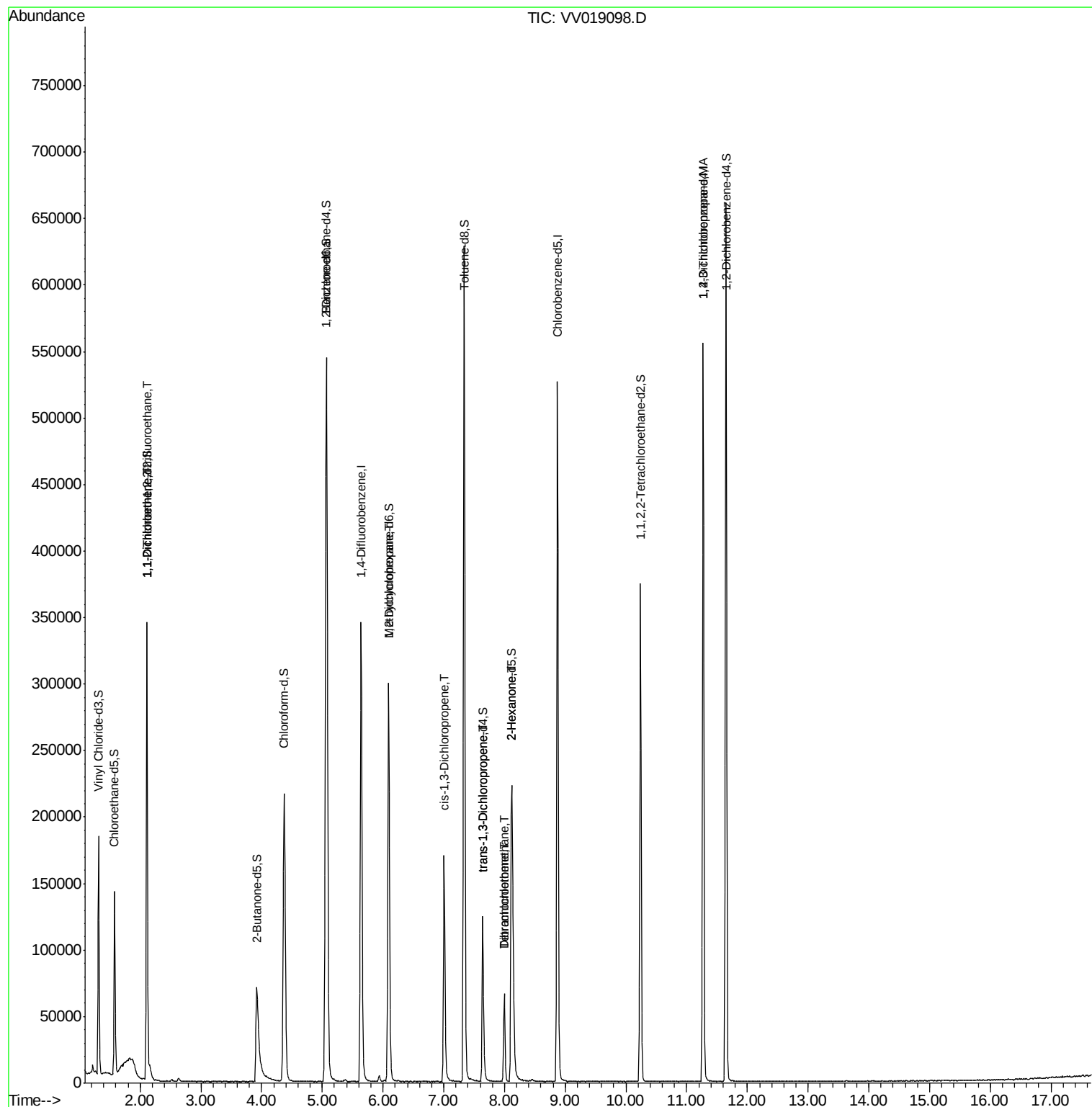
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	1601	0.871 ug/L #	20
12) 1,1-Dichloroethene	2.11	96	1586	0.863 ug/L #	1
35) Methylcyclohexane	6.09	83	33070	11.377 ug/L #	16
39) cis-1,3-Dichloropropene	7.01	75	4511	1.319 ug/L #	69
44) trans-1,3-Dichloropropene	7.64	75	3372	0.994 ug/L	89
46) Tetrachloroethene	8.00	164	14258	8.746 ug/L	98
48) 2-Hexanone	8.12	43	16617	6.896 ug/L #	69
49) Dibromochloromethane	8.00	129	13525	6.053 ug/L #	11
59) 1,2,3-Trichloropropane	11.27	75	17237	6.369 ug/L	94

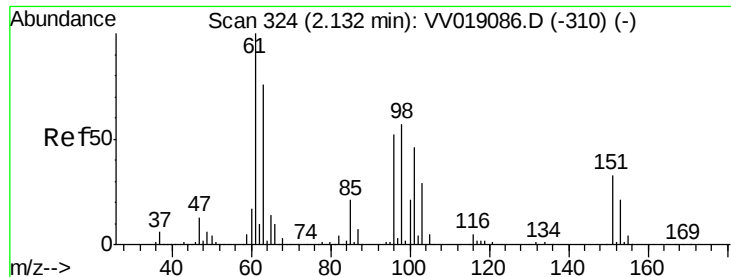
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV102320\
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Acq On : 23 Oct 2020 17:42
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Sample : L4502-02 2X
Misc : 5.82q/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Oct 24 03:33:45 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102220WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 24 03:31:32 2020
Response via : Initial Calibration





#10

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

Concen: 0.871 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.02 min

Lab File: VV019098.D

Acq: 23 Oct 2020 17:42

Instrument :

MSVOA_V

ClientSampleId :

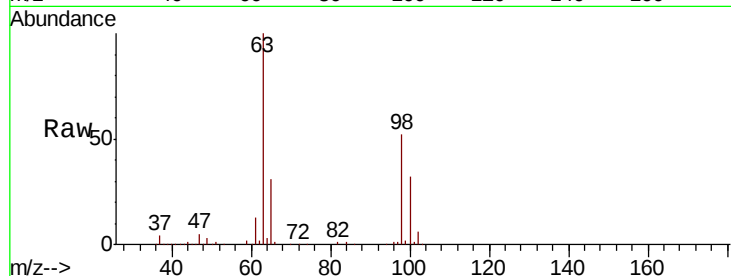
Tot Ion: 101 Resp: 1601

Ion Ratio Lower Upper

101 100

85 0.0 36.9 55.3#

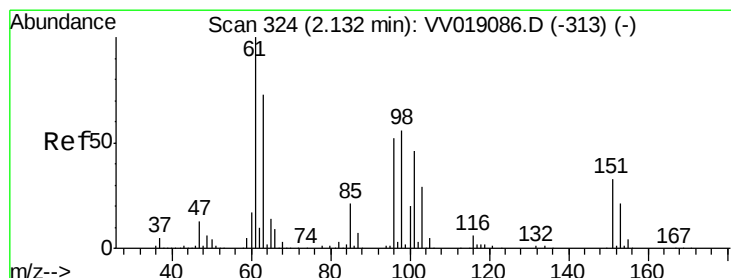
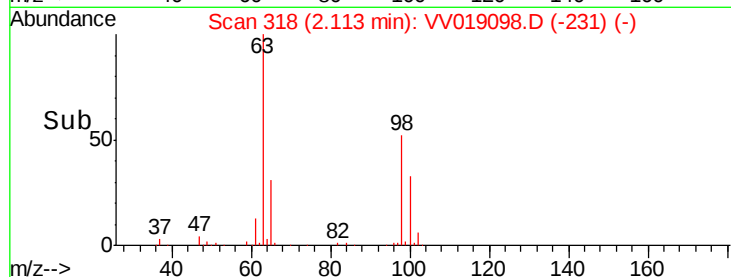
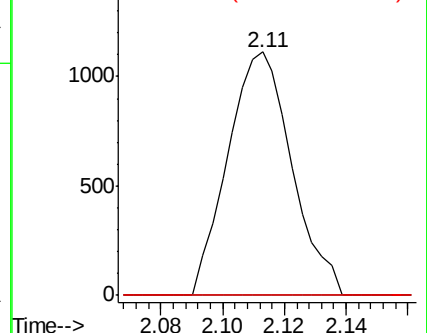
151 0.0 58.2 87.2#



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



#12

1,1-Dichloroethene

Concen: 0.863 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.02 min

Lab File: VV019098.D

Acq: 23 Oct 2020 17:42

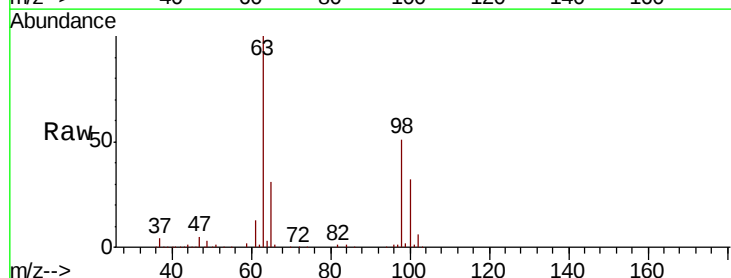
Tgt Ion: 96 Resp: 1586

Ion Ratio Lower Upper

96 100

61 1746.5 138.7 257.7#

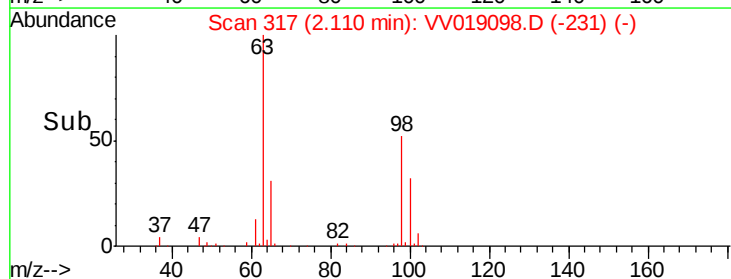
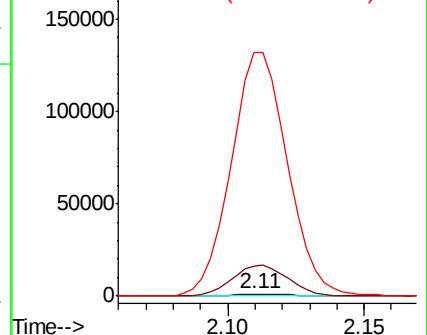
63 13931.0 126.3 234.6#

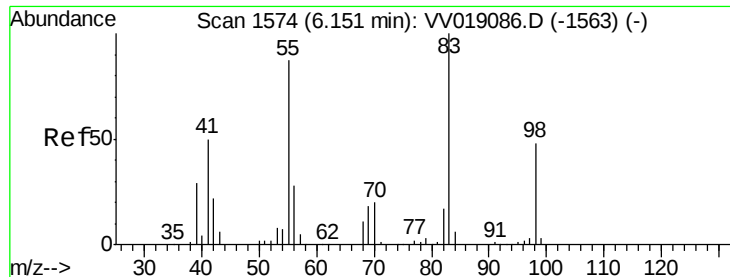


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

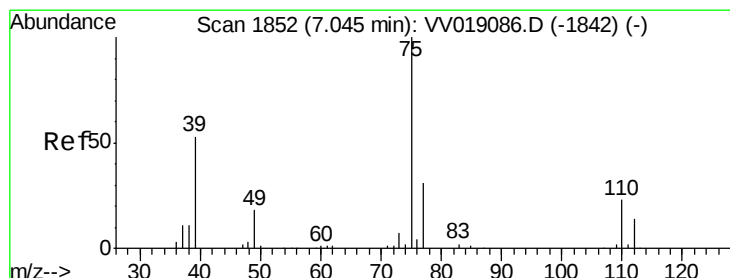
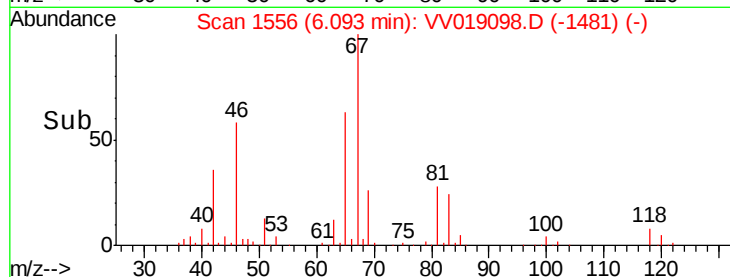
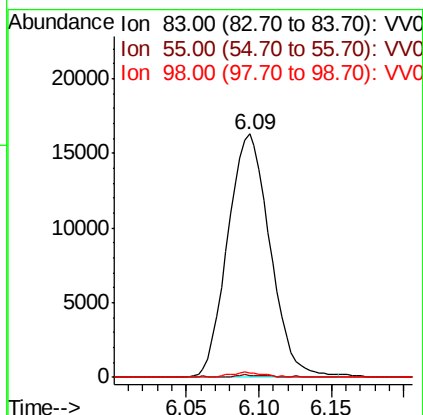
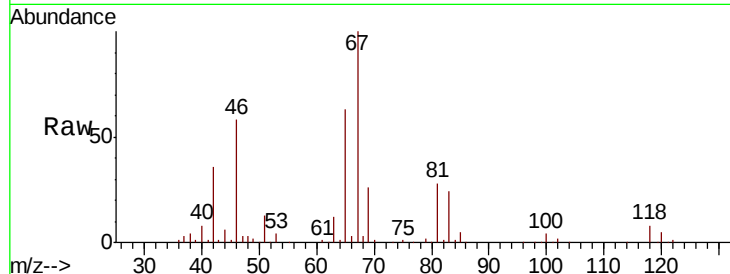




#35
Methvlcvclohexane
Concen: 11.377 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV019098.D
Acq: 23 Oct 2020 17:42

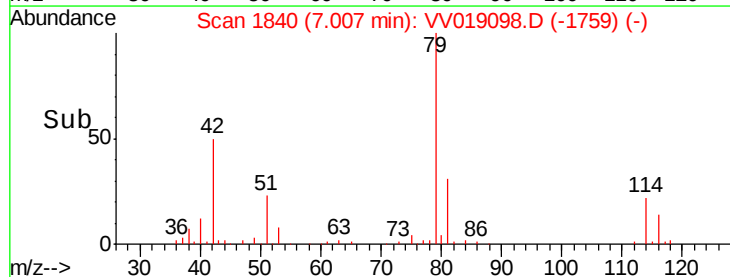
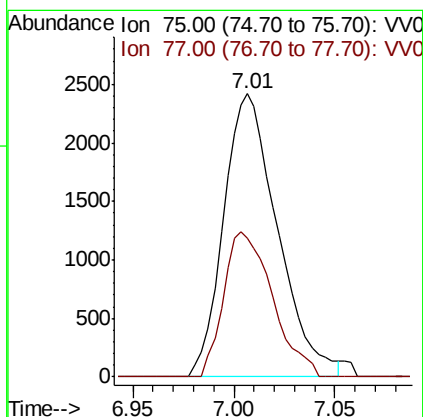
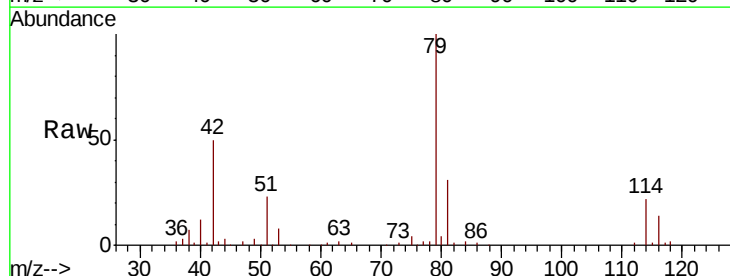
Instrument :
MSVOA_V
ClientSampleId :

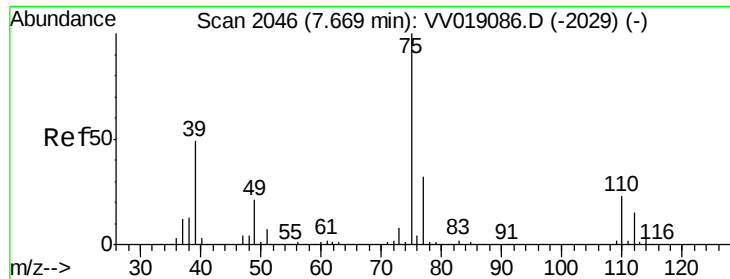
Tot Ion: 83 Resp: 33070
Ion Ratio Lower Upper
83 100
55 0.5 68.1 102.1#
98 1.6 37.9 56.9#



#39
cis-1,3-Dichloropropene
Concen: 1.319 ug/L
RT: 7.01 min Scan# 1840
Delta R.T. -0.04 min
Lab File: VV019098.D
Acq: 23 Oct 2020 17:42

Tgt Ion: 75 Resp: 4511
Ion Ratio Lower Upper
75 100
77 48.9 22.1 41.1#





#44

trans-1,3-Dichloropropene

Concen: 0.994 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. -0.03 min

Lab File: VV019098.D

Acq: 23 Oct 2020 17:42

Instrument :

MSVOA_V

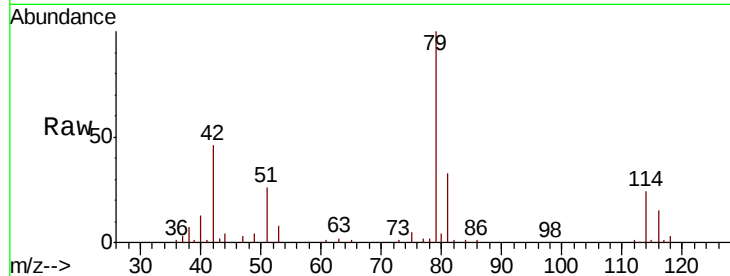
ClientSampleId :

Tot Ion: 75 Resp: 3372

Ion Ratio Lower Upper

75 100

77 36.7 21.5 39.9



Abundance Ion 75.00 (74.70 to 75.70): VV019086.D (-2029) (-)

Ion 77.00 (76.70 to 77.70): VV019086.D (-2029) (-)

7.64

2000

1500

1000

500

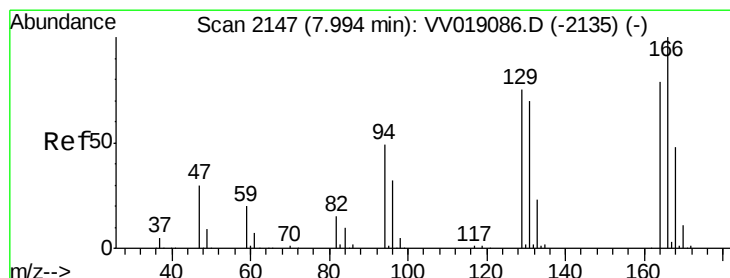
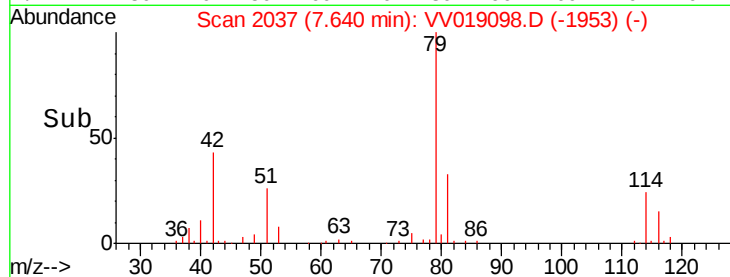
0

7.60

7.65

7.70

Time-->



#46

Tetrachloroethene

Concen: 8.746 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV019098.D

Acq: 23 Oct 2020 17:42

Tgt Ion:164 Resp: 14258

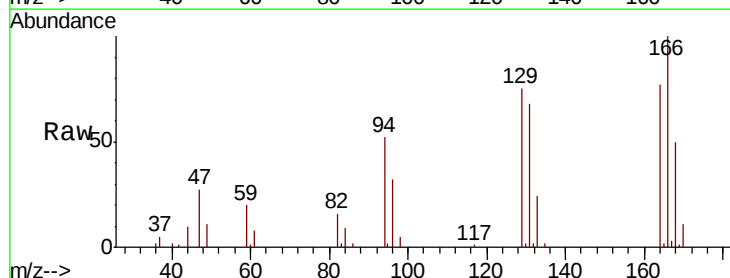
Ion Ratio Lower Upper

164 100

129 96.7 65.5 121.6

131 87.3 62.4 115.8

166 129.2 90.0 167.2



Abundance Ion 164.00 (163.70 to 164.70): VV019086.D (-2135) (-)

Ion 129.00 (128.70 to 129.70): VV019086.D (-2135) (-)

Ion 131.00 (130.70 to 131.70): VV019086.D (-2135) (-)

Ion 166.00 (165.70 to 166.70): VV019086.D (-2135) (-)

8.00

15000

10000

5000

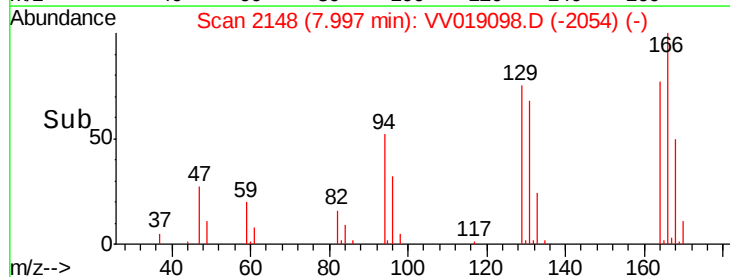
0

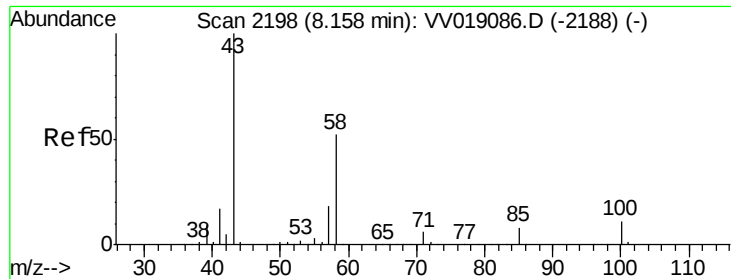
7.95

8.00

8.05

Time-->

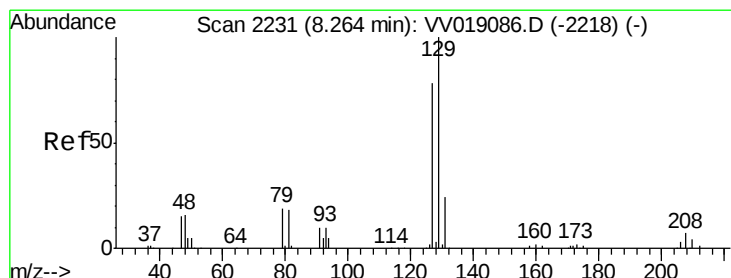
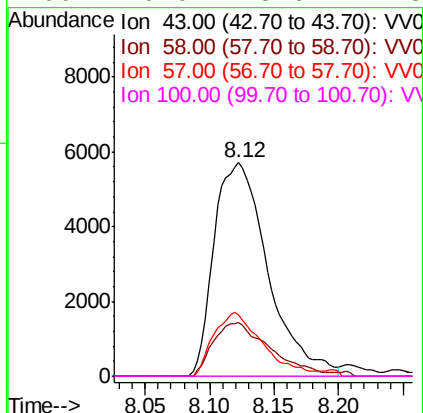
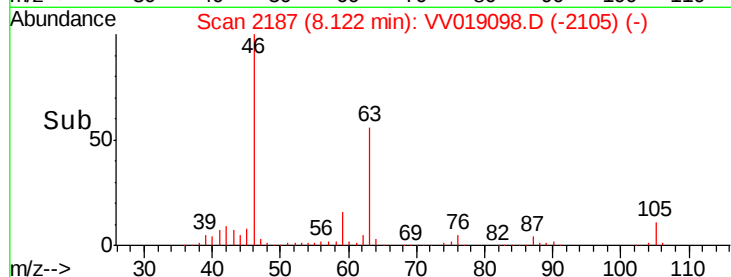
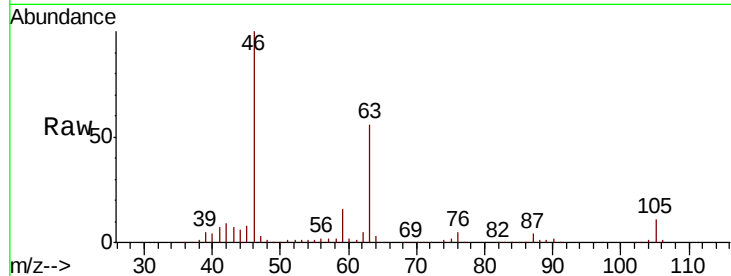




#48
2-Hexanone
Concen: 6.896 ug/L
RT: 8.12 min Scan# 2187
Delta R.T. -0.04 min
Lab File: VV019098.D
Acq: 23 Oct 2020 17:42

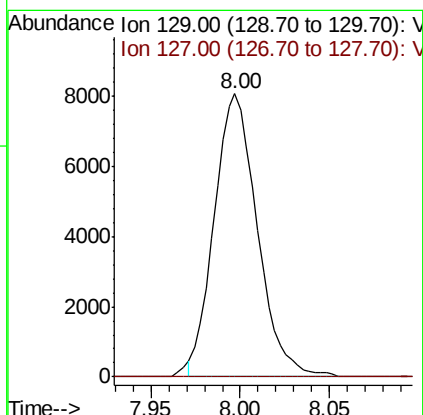
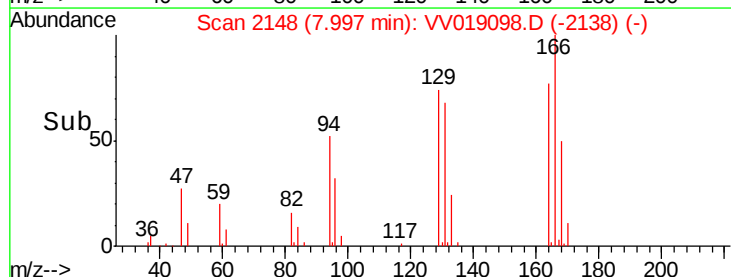
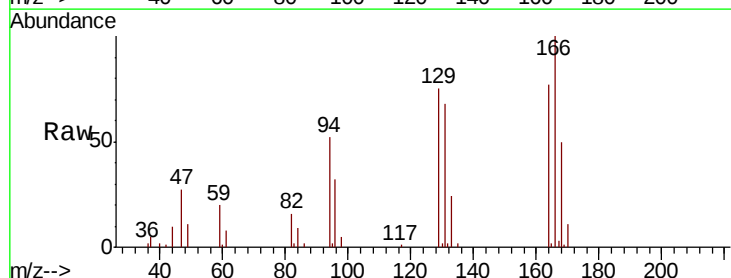
Instrument :
MSVOA_V
ClientSampleId :

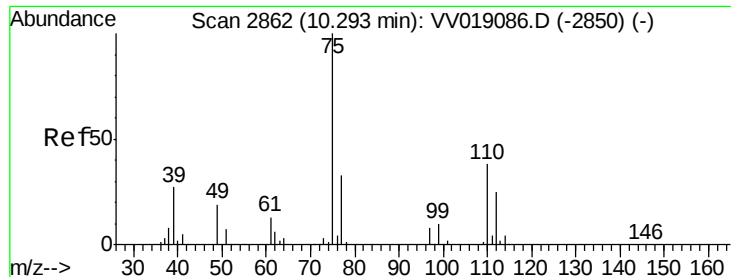
Tot Ion: 43 Resp: 16617
Ion Ratio Lower Upper
43 100
58 26.4 41.1 61.7#
57 27.0 14.7 22.1#
100 0.0 8.6 12.8#



#49
Dibromochloromethane
Concen: 6.053 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.27 min
Lab File: VV019098.D
Acq: 23 Oct 2020 17:42

Tgt Ion: 129 Resp: 13525
Ion Ratio Lower Upper
129 100
127 0.0 53.7 99.7#





#59

1,2,3-Trichloropropane

Concen: 6.369 ug/L

RT: 11.27 min Scan# 3167

Delta R.T. 0.98 min

Lab File: VV019098.D

Acq: 23 Oct 2020 17:42

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 17237

Ion Ratio Lower Upper

75 100

77 35.5 25.9 38.9

