

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121420\
 Data File : VV019631.D
 Acq On : 15 Dec 2020 02:41
 Operator : SY/MD
 Sample : L5424-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AX1

Quant Time: Dec 15 10:31:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 15 10:26:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	597317	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	558593	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	254333	50.00	ug/L	0.00

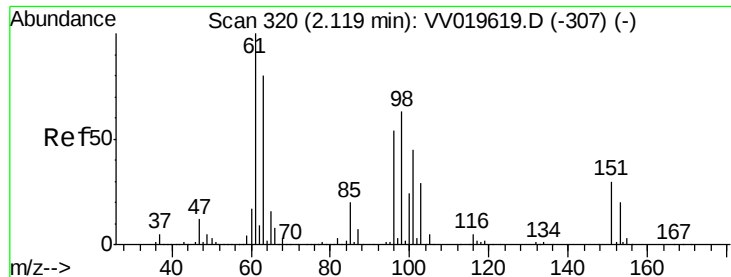
System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	193521	45.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.36%
7) Chloroethane-d5	1.57	69	172243	50.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.98%
11) 1,1-Dichloroethene-d2	2.11	63	299102	37.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.24%
21) 2-Butanone-d5	3.90	46	260591	111.93	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.93%
24) Chloroform-d	4.35	84	394284	51.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.16%
26) 1,2-Dichloroethane-d4	5.04	65	272497	54.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.04%
32) Benzene-d6	5.05	84	780708	52.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.80%
36) 1,2-Dichloropropane-d6	6.07	67	250574	53.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.38%
41) Toluene-d8	7.32	98	688112	51.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.60%
43) trans-1,3-Dichloropropene-	7.62	79	119661	45.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.16%
47) 2-Hexanone-d5	8.09	63	187686	102.47	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.47%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	324919	51.47	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.94%
64) 1,2-Dichlorobenzene-d4	11.63	152	250934	52.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.56%

Target Compounds

					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2512	0.724 ug/L #	23
12) 1,1-Dichloroethene	2.12	96	10961	3.080 ug/L #	1
20) cis-1,2-Dichloroethene	3.92	96	10103	2.356 ug/L #	94
30) 1,1,1-Trichloroethane	4.62	97	6387	0.912 ug/L	91
34) Trichloroethene	5.92	95	146732	34.025 ug/L	99
35) Methylcyclohexane	6.07	83	60692	9.264 ug/L #	18
39) cis-1,3-Dichloropropene	6.99	75	7913	1.118 ug/L #	76
48) 2-Hexanone	8.09	43	22664	4.856 ug/L #	69
59) 1,2,3-Trichloropropane	11.25	75	33833	6.380 ug/L #	86

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



#10

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

Concen: 0.724 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

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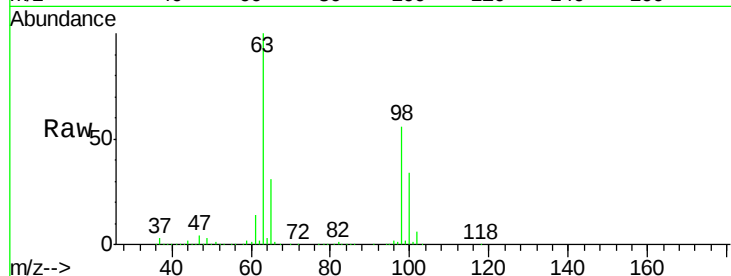
Tgt Ion: 101 Resp: 2512

Ion Ratio Lower Upper

101 100

85 2.5 35.0 52.4#

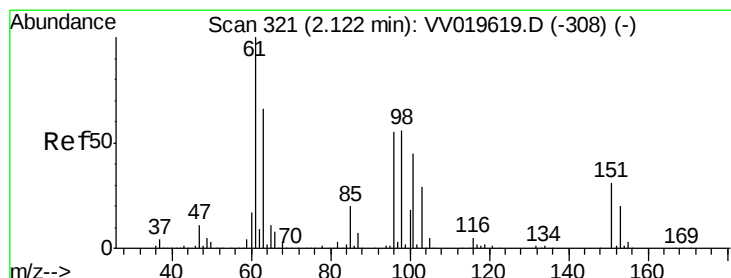
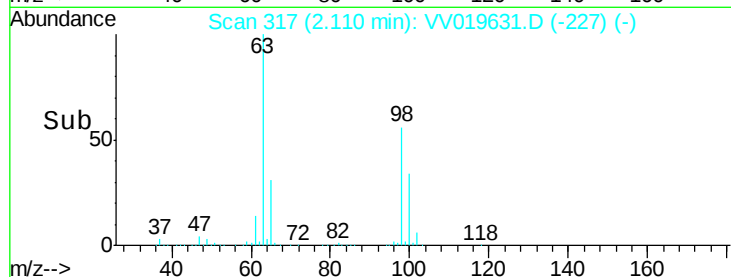
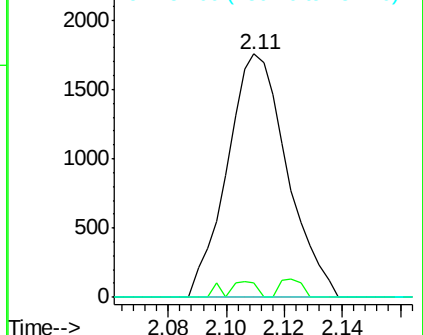
151 0.0 55.8 83.8#



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: 3.080 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.00 min

Lab File: VV019631.D

Acq: 15 Dec 2020 02:41

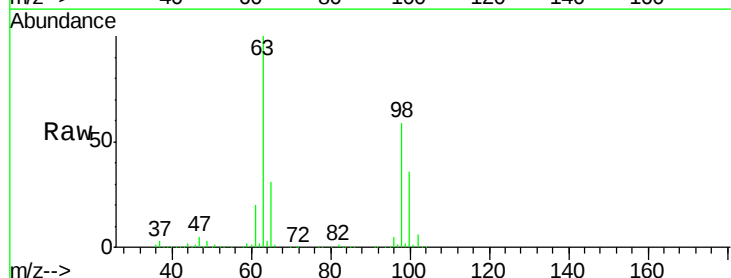
Tgt Ion: 96 Resp: 10961

Ion Ratio Lower Upper

96 100

61 370.9 120.7 224.1#

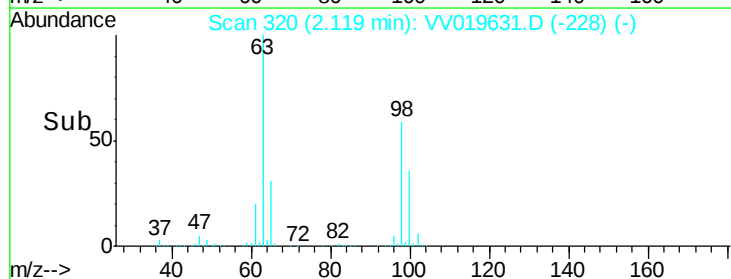
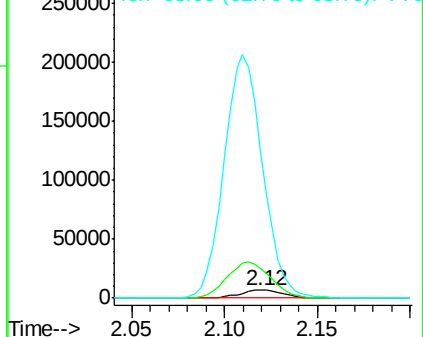
63 1846.6 64.3 119.5#

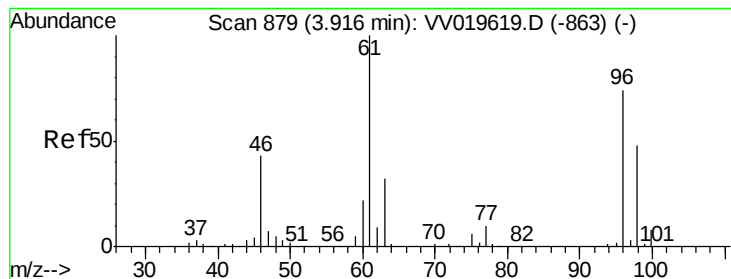


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0



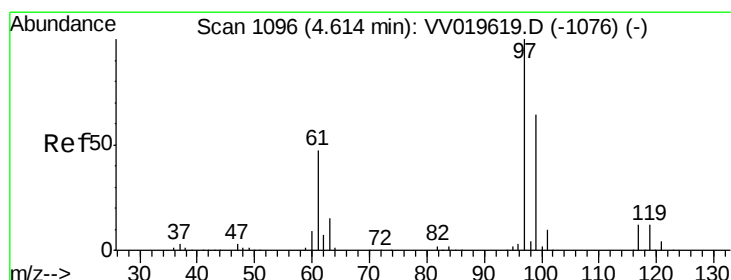
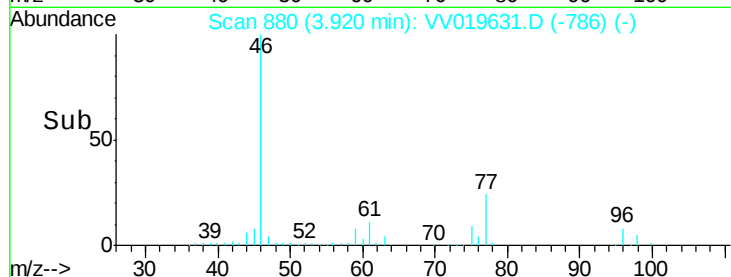
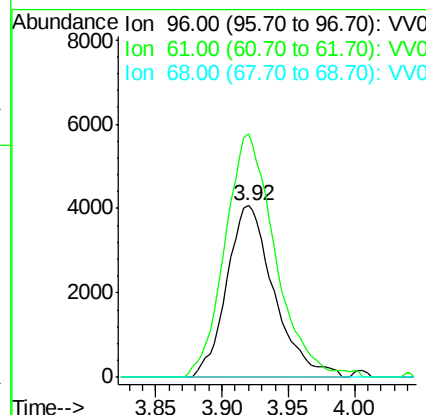
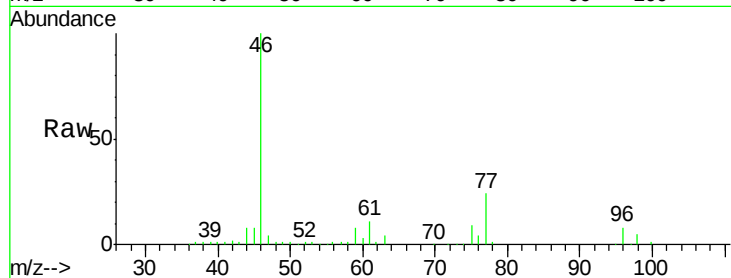


#20

cis-1,2-Dichloroethene
 Concen: 2.356 ug/L
 RT: 3.92 min Scan# 880
 Delta R.T. 0.00 min
 Lab File: VV019631.D
 Acq: 15 Dec 2020 02:41

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 C0AX1

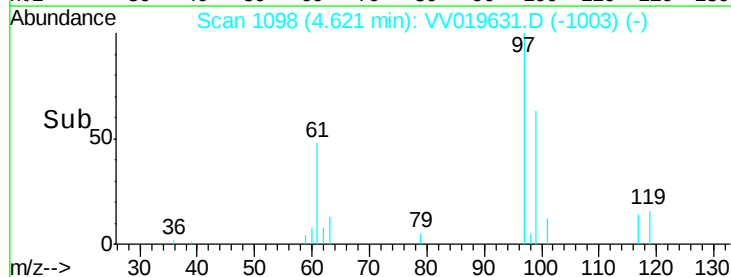
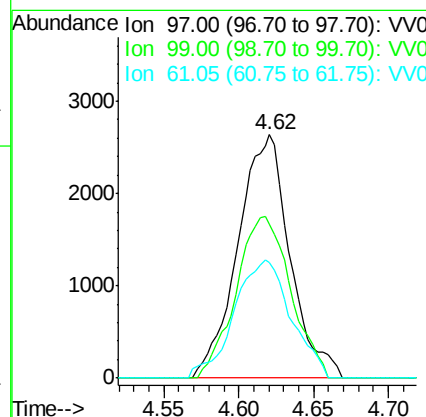
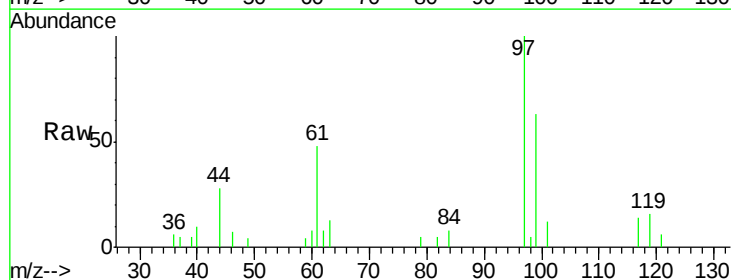
Tgt Ion: 96 Resp: 10103
 Ion Ratio Lower Upper
 96 100
 61 142.1 94.1 174.8
 68 0.0 0.1 0.1#

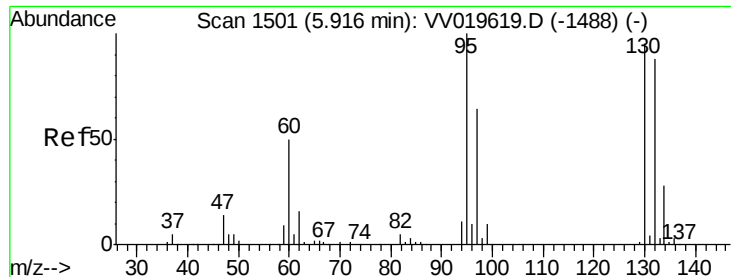


#30

1,1,1-Trichloroethane
 Concen: 0.912 ug/L
 RT: 4.62 min Scan# 1098
 Delta R.T. 0.01 min
 Lab File: VV019631.D
 Acq: 15 Dec 2020 02:41

Tgt Ion: 97 Resp: 6387
 Ion Ratio Lower Upper
 97 100
 99 69.4 51.3 76.9
 61 52.9 36.3 54.5

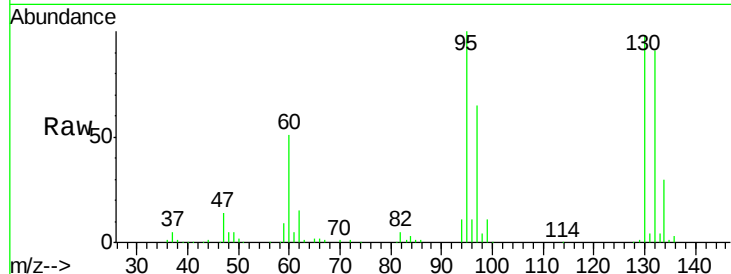




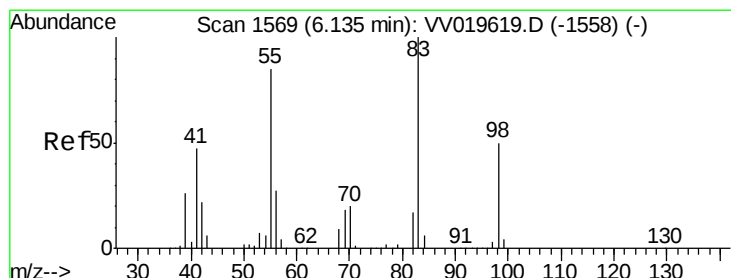
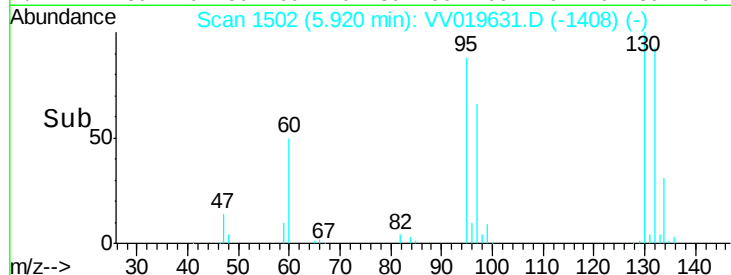
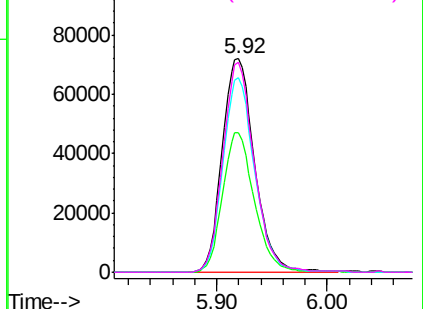
#34
 Trichloroethene
 Concen: 34.025 ug/L
 RT: 5.92 min Scan# 1502
 Delta R.T. 0.00 min
 Lab File: VV019631.D
 Acq: 15 Dec 2020 02:41

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AX1

Tgt Ion: 95 Resp: 146732
 Ion Ratio Lower Upper
 95 100
 97 65.2 44.4 82.4
 132 91.2 64.3 119.3
 130 98.2 67.8 125.8

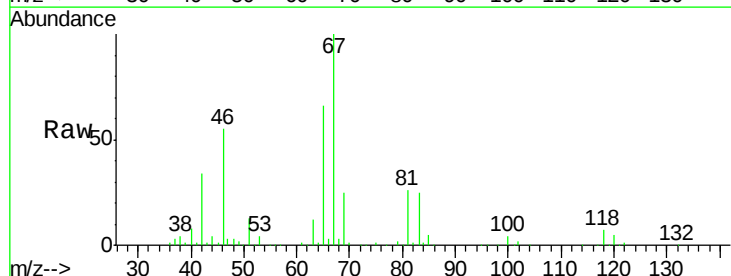


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0

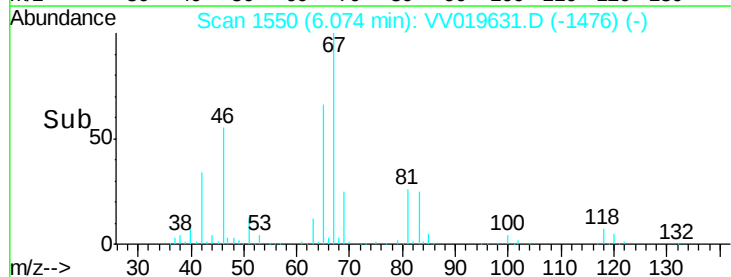
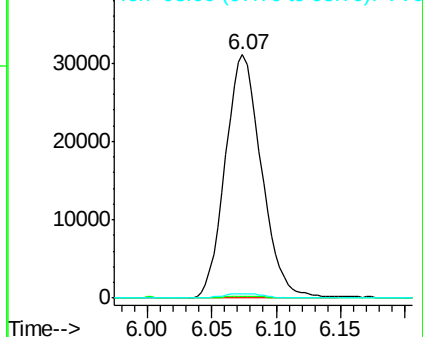


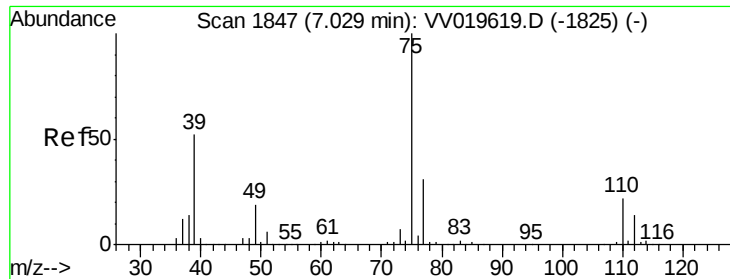
#35
 Methylcyclohexane
 Concen: 9.264 ug/L
 RT: 6.07 min Scan# 1550
 Delta R.T. -0.06 min
 Lab File: VV019631.D
 Acq: 15 Dec 2020 02:41

Tgt Ion: 83 Resp: 60692
 Ion Ratio Lower Upper
 83 100
 55 0.4 64.2 96.4#
 98 2.0 39.3 58.9#



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

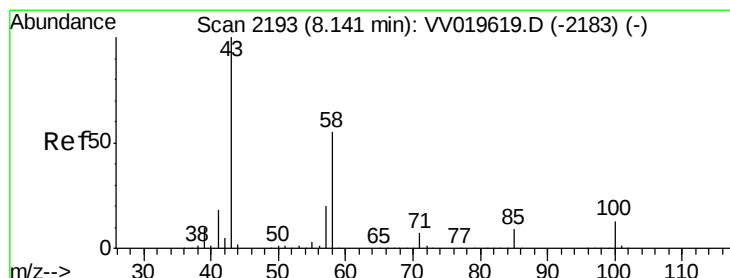
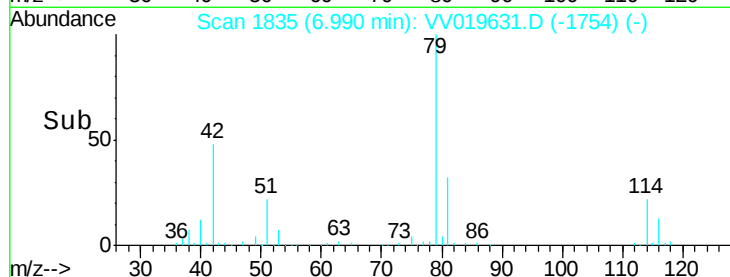
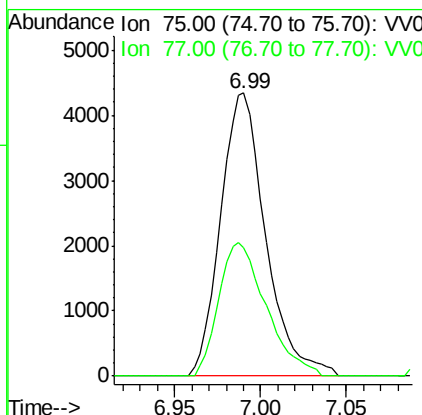
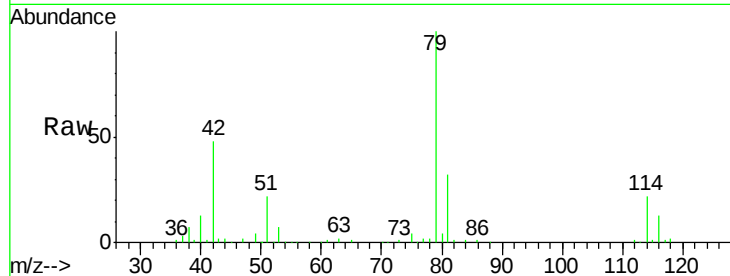




#39
 cis-1,3-Dichloropropene
 Concen: 1.118 ug/L
 RT: 6.99 min Scan# 1835
 Delta R.T. -0.04 min
 Lab File: VV019631.D
 Acq: 15 Dec 2020 02:41

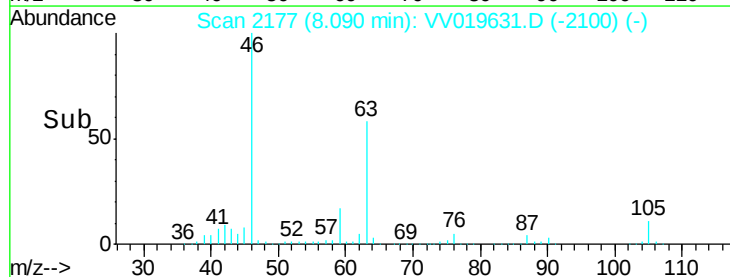
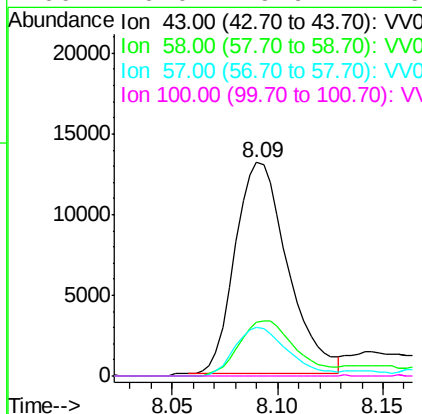
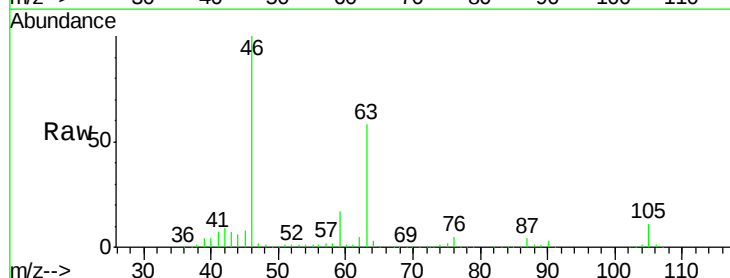
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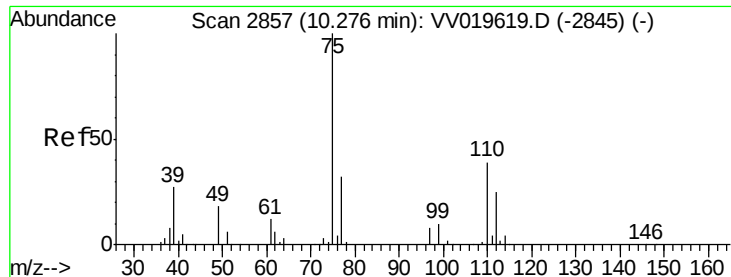
Tgt Ion: 75 Resp: 7913
 Ion Ratio Lower Upper
 75 100
 77 45.5 22.4 41.6#



#48
 2-Hexanone
 Concen: 4.856 ug/L
 RT: 8.09 min Scan# 2177
 Delta R.T. -0.05 min
 Lab File: VV019631.D
 Acq: 15 Dec 2020 02:41

Tgt Ion: 43 Resp: 22664
 Ion Ratio Lower Upper
 43 100
 58 27.8 44.4 66.6#
 57 23.3 15.7 23.5
 100 0.0 9.9 14.9#





#59

1,2,3-Trichloropropane

Concen: 6.380 ug/L

RT: 11.25 min Scan# 3161

Delta R.T. 0.98 min

Lab File: VV019631.D

Acq: 15 Dec 2020 02:41

Instrument :

MSVOA_V

ClientSampleId :

C0AX1

Tgt Ion: 75 Resp: 33833

Ion Ratio Lower Upper

75 100

77 39.9 25.8 38.8#

