Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121420\
Data File : VV019635.D
Acq On : 15 Dec 2020 04:16
Operator : SY/MD
Sample : L5424-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AX5

Quant Time: Dec 15 10:31:35 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	582332	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	540760	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	246185	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	186723	44.72	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 89.44%			
7) Chloroethane-d5	1.57	69	166006	50.40	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.80%			
11) 1,1-Dichloroethene-d2	2.11	63	286108	36.92	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 73.84%			
21) 2-Butanone-d5	3.89	46	259506	114.34	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 114.34%			
24) Chloroform-d	4.35	84	383842	51.00	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.00%			
26) 1,2-Dichloroethane-d4	5.04	65	264986	53.88	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.76%			
32) Benzene-d6	5.05	84	762611	52.88	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.76%			
36) 1,2-Dichloropropane-d6	6.07	67	243576	53.91	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 107.82%			
41) Toluene-d8	7.32	98	667793	51.43	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.86%			
43) trans-1,3-Dichloropropene-	7.62	79	115497	44.94	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.88%			
47) 2-Hexanone-d5	8.09	63	185220	104.46	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 104.46%			
57) 1,1,2,2-Tetrachloroethane-	10.22	84	316442	51.78	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 103.56%			
64) 1,2-Dichlorobenzene-d4	11.63	152	246909	53.65	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.30%			

Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2326	0.688	ug/L #	23
12) 1,1-Dichloroethene	2.11	96	3142	0.906	ug/L #	1
25) Chloroform	4.38	83	6371	0.865	ug/L	80
34) Trichloroethene	5.92	95	12198	2.922	ug/L	97
39) cis-1,3-Dichloropropene	6.99	75	7463	1.089	ug/L #	61
48) 2-Hexanone	8.09	43	22111	4.894	ug/L #	71
59) 1,2,3-Trichloropropane	11.25	75	33456	6.517	ug/L #	88

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

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C0AX5

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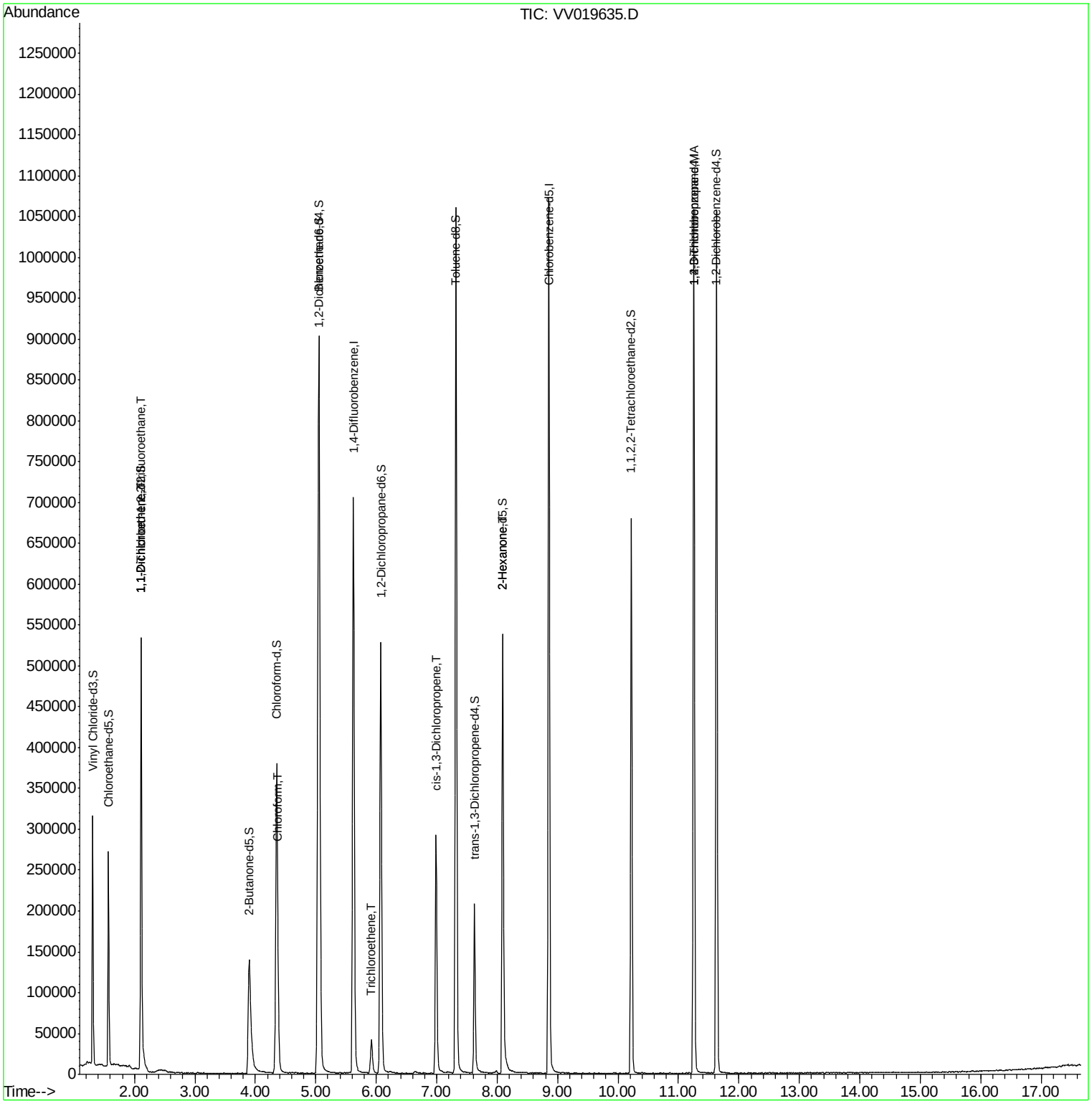
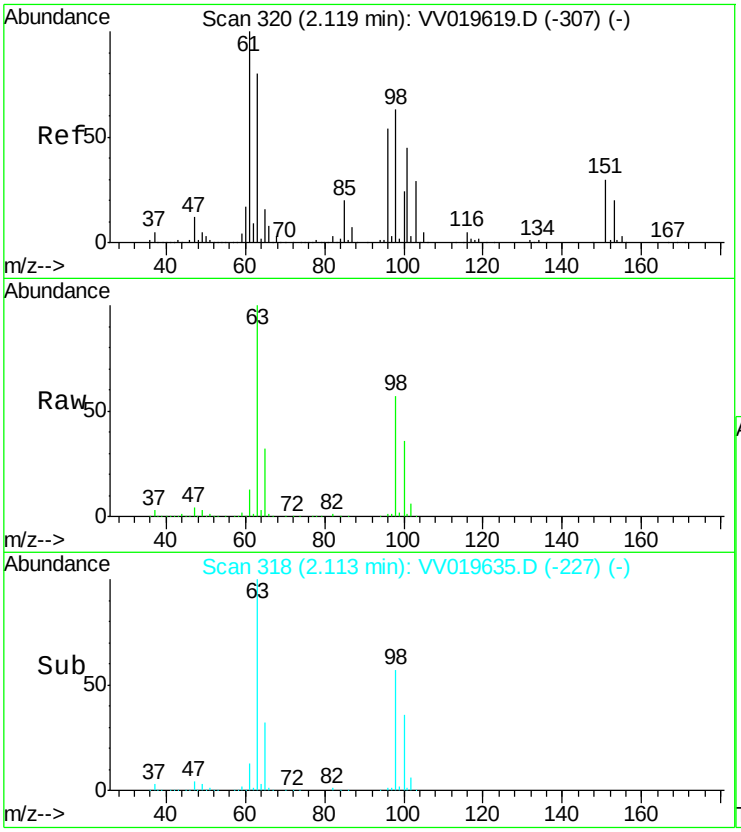
Quant Title : VOC Analysis
QLast Update : Tue Dec 15 10:26:59 2020
Response via : Initial Calibration



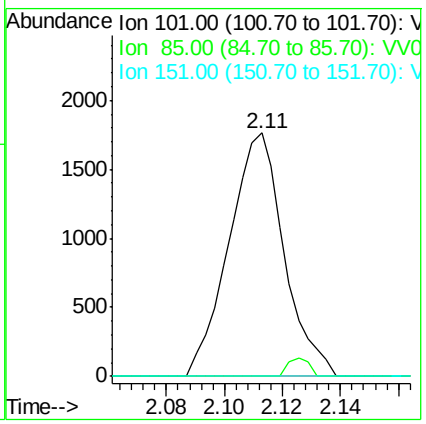


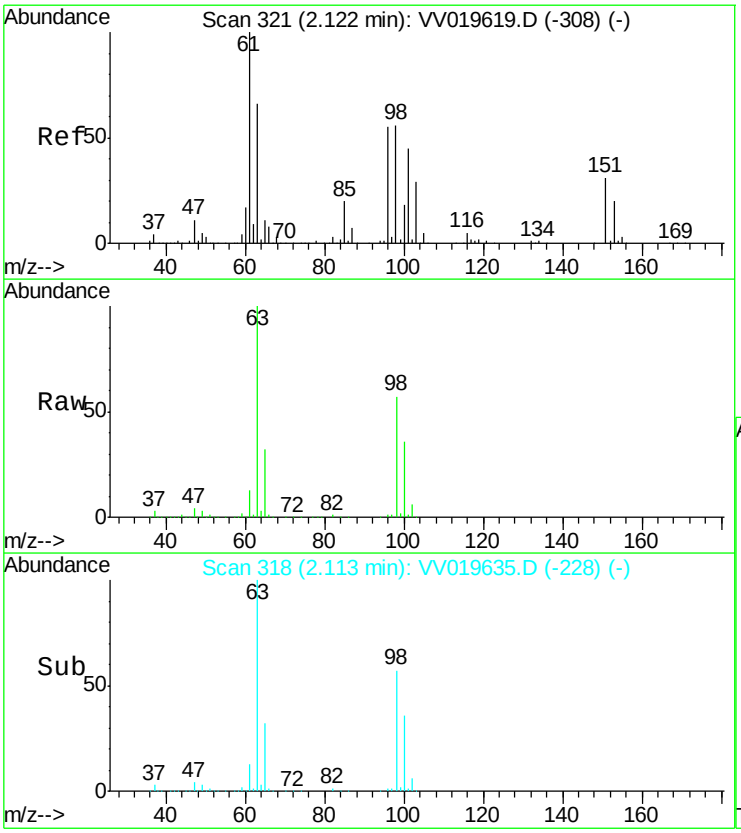
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.688 ug/L
RT: 2.11 min Scan# 318
Delta R.T. -0.01 min
Lab File: VV019635.D
Acq: 15 Dec 2020 04:16

Instrument :
MSVOA_V
ClientSampleId :
C0AX5

Tgt Ion:101 Resp: 2326

Ion	Ratio	Lower	Upper
101	100		
85	2.8	35.0	52.4#
151	0.0	55.8	83.8#

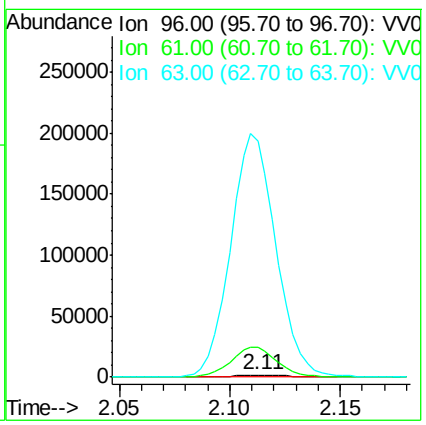


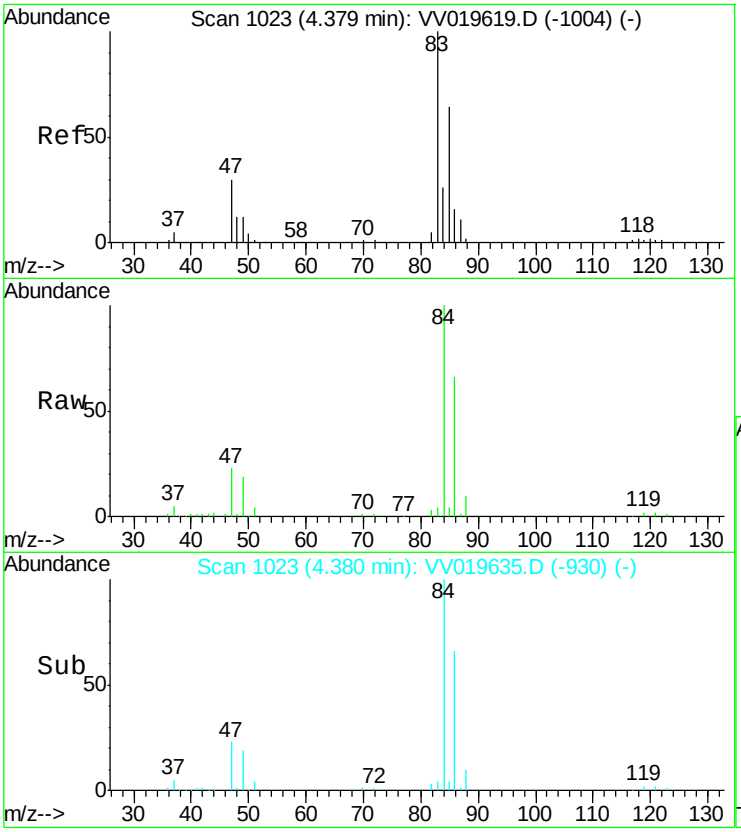


#12
1,1-Dichloroethene
Concen: 0.906 ug/L
RT: 2.11 min Scan# 318
Delta R.T. -0.01 min
Lab File: VV019635.D
Acq: 15 Dec 2020 04:16

Tgt Ion: 96 Resp: 3142

Ion	Ratio	Lower	Upper
96	100		
61	1321.6	120.7	224.1#
63	10510.1	64.3	119.5#



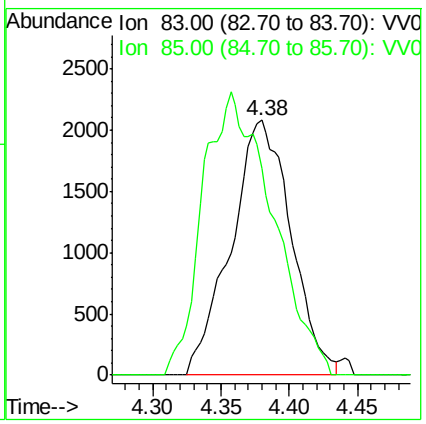


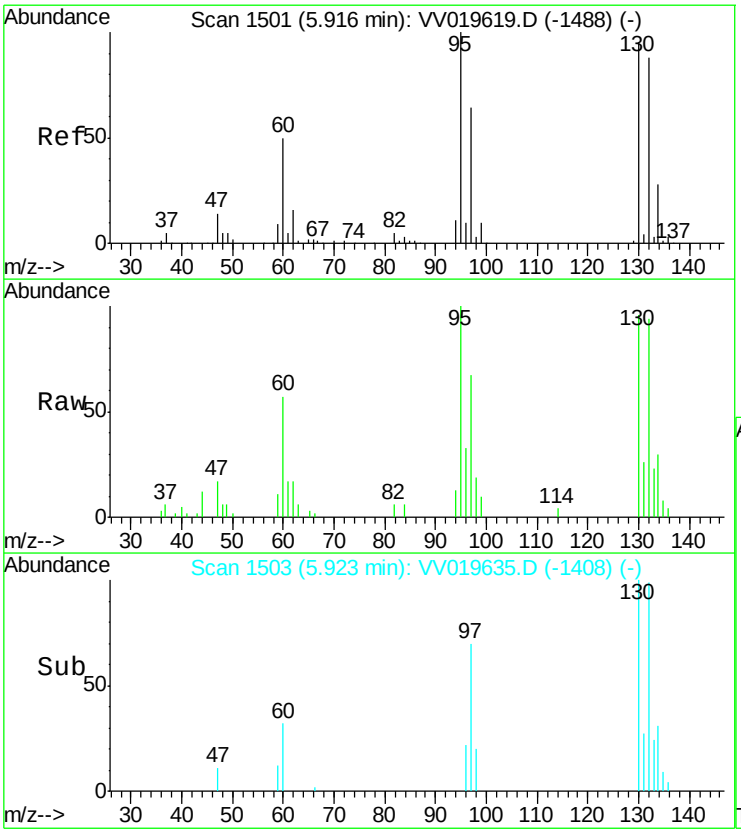
#25
Chloroform
Concen: 0.865 ug/L
RT: 4.38 min Scan# 1023
Delta R.T. 0.00 min
Lab File: VV019635.D
Acq: 15 Dec 2020 04:16

Instrument : MSVOA_V
ClientSampleId : C0AX5

Tgt Ion: 83 Resp: 6371

Ion	Ratio	Lower	Upper
83	100		
85	80.9	45.6	84.6

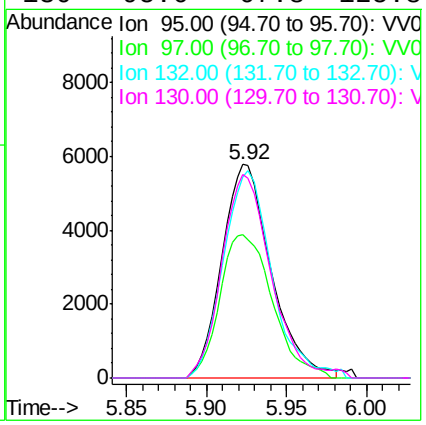


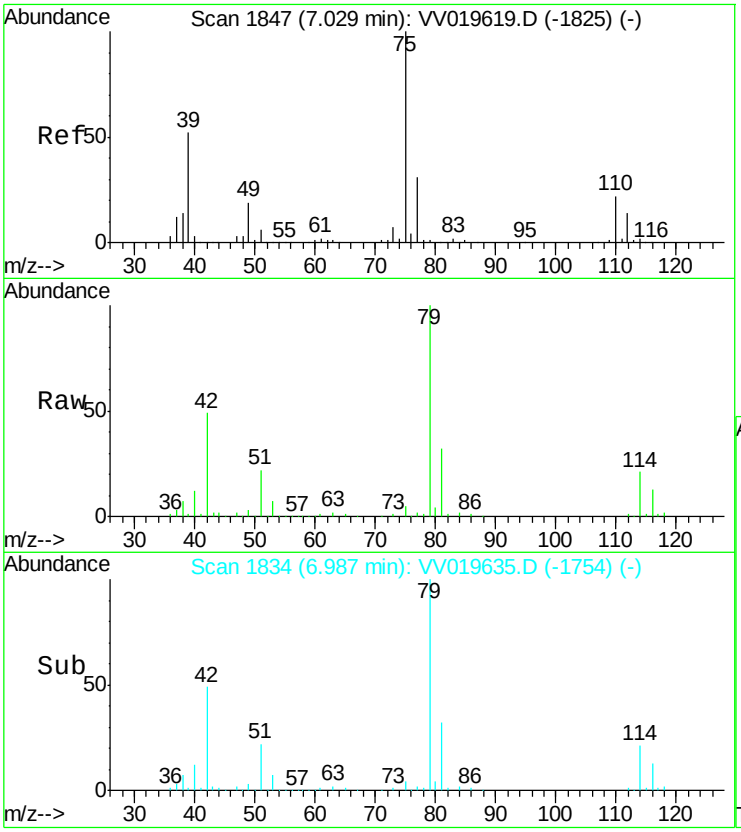


#34
Trichloroethene
Concen: 2.922 ug/L
RT: 5.92 min Scan# 1503
Delta R.T. 0.01 min
Lab File: VV019635.D
Acq: 15 Dec 2020 04:16

Tgt Ion: 95 Resp: 12198

Ion	Ratio	Lower	Upper
95	100		
97	66.9	44.4	82.4
132	94.2	64.3	119.3
130	95.6	67.8	125.8



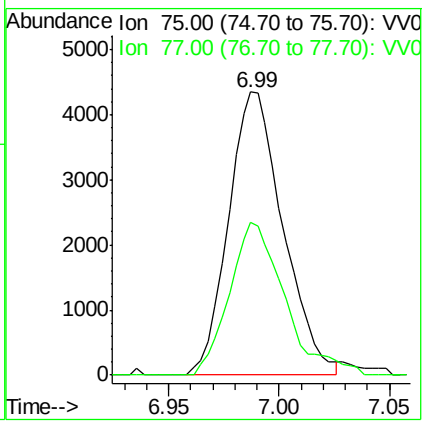


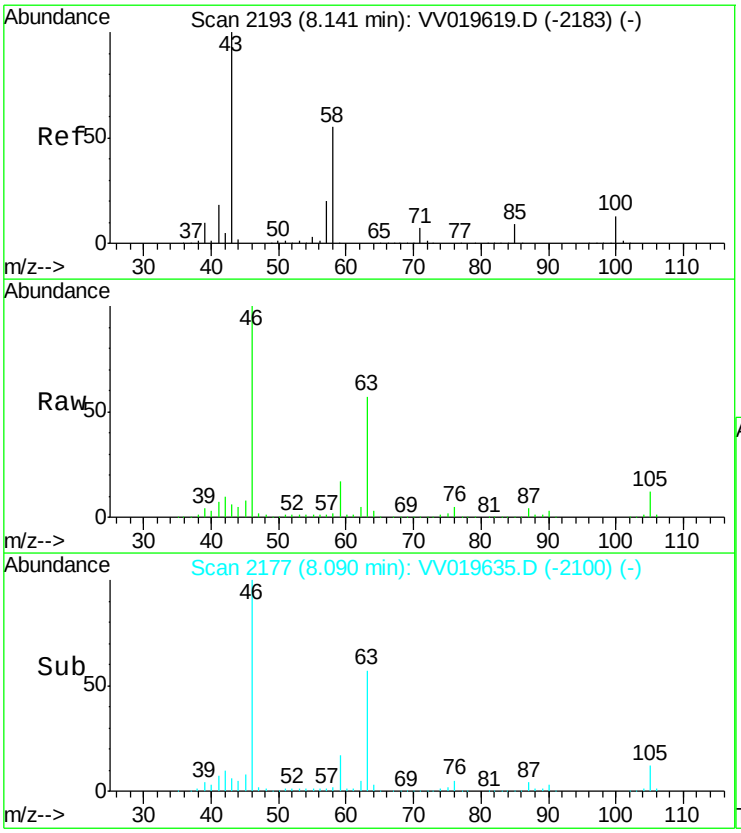
#39
cis-1,3-Dichloropropene
Concen: 1.089 ug/L
RT: 6.99 min Scan# 1834
Delta R.T. -0.04 min
Lab File: VV019635.D
Acq: 15 Dec 2020 04:16

Instrument :
MSVOA_V
ClientSampleId :
C0AX5

Tgt Ion: 75 Resp: 7463

Ion	Ratio	Lower	Upper
75	100		
77	54.0	22.4	41.6#

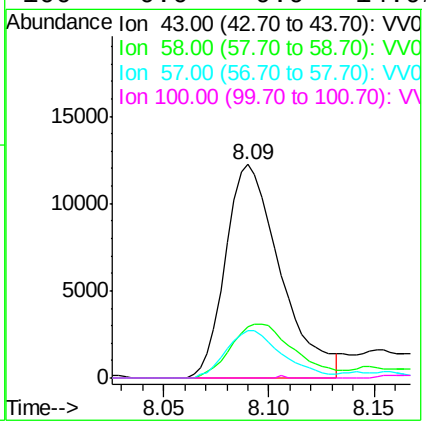


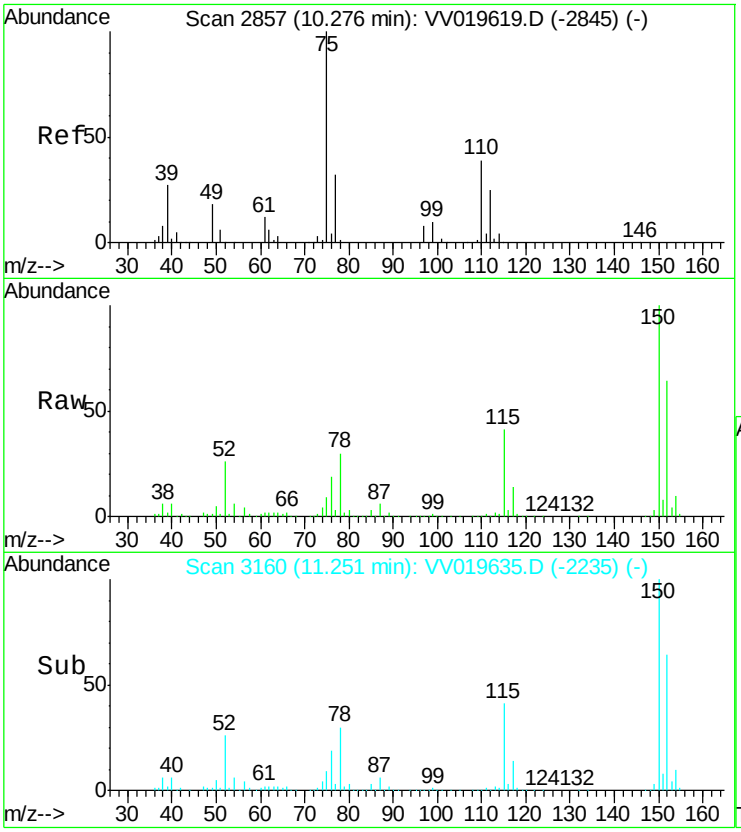


#48
2-Hexanone
Concen: 4.894 ug/L
RT: 8.09 min Scan# 2177
Delta R.T. -0.05 min
Lab File: VV019635.D
Acq: 15 Dec 2020 04:16

Tgt Ion: 43 Resp: 22111

Ion	Ratio	Lower	Upper
43	100		
58	29.4	44.4	66.6#
57	22.9	15.7	23.5
100	0.0	9.9	14.9#





#59
1,2,3-Trichloropropane
Concen: 6.517 ug/L
RT: 11.25 min Scan# 3160
Delta R.T. 0.97 min
Lab File: VV019635.D
Acq: 15 Dec 2020 04:16

Instrument :
MSVOA_V
ClientSampleId :
C0AX5

Tgt Ion: 75 Resp: 33456

Ion	Ratio	Lower	Upper
75	100		
77	39.2	25.8	38.8#