Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV122319\
Data File : VV014177.D
Acq On : 23 Dec 2019 23:07
Operator : SY/MD
Sample : K6404-17
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Dec 24 01:39:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR122319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 24 01:34:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	406329	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	385151	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	176162	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	132154	4.53	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 90.60%			
7) Chloroethane-d5	1.58	69	115122	4.72	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.40%			
11) 1,1-Dichloroethene-d2	2.13	63	177171	3.59	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 71.80%			
20) 2-Butanone-d5	3.92	46	325457	59.17	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 118.34%			
24) Chloroform-d	4.40	84	251779	4.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.80%			
26) 1,2-Dichloroethane-d4	5.08	65	129334	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.40%			
32) Benzene-d6	5.09	84	498887	4.72	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.40%			
36) 1,2-Dichloropropane-d6	6.11	67	155840	4.92	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.40%			
41) Toluene-d8	7.36	98	432248	4.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.80%			
43) trans-1,3-Dichloropropene-	7.66	79	50610	4.12	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 82.40%			
46) 2-Hexanone-d5	8.13	63	240276	55.43	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 110.86%			
57) 1,1,2,2-Tetrachloroethane-	10.25	84	110544	4.78	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.60%			
64) 1,2-Dichlorobenzene-d4	11.67	152	164127	5.20	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.00%			
Target Compounds						Qvalue
5) Vinyl chloride	1.33	62	16954	0.537	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1990	0.083	ug/L #	22
12) 1,1-Dichloroethene	2.14	96	3384	0.144	ug/L #	1
13) Acetone	2.18	43	18590	4.150	ug/L	100
14) Carbon disulfide	2.32	76	97375	1.251	ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	4609	0.166	ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	66834	2.342	ug/L #	96
35) Methylcyclohexane	6.11	83	37824	0.890	ug/L #	17
37) 1,2-Dichloropropane	6.11	63	17069	0.637	ug/L #	94
48) 2-Hexanone	8.18	43	5986	0.561	ug/L #	45

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

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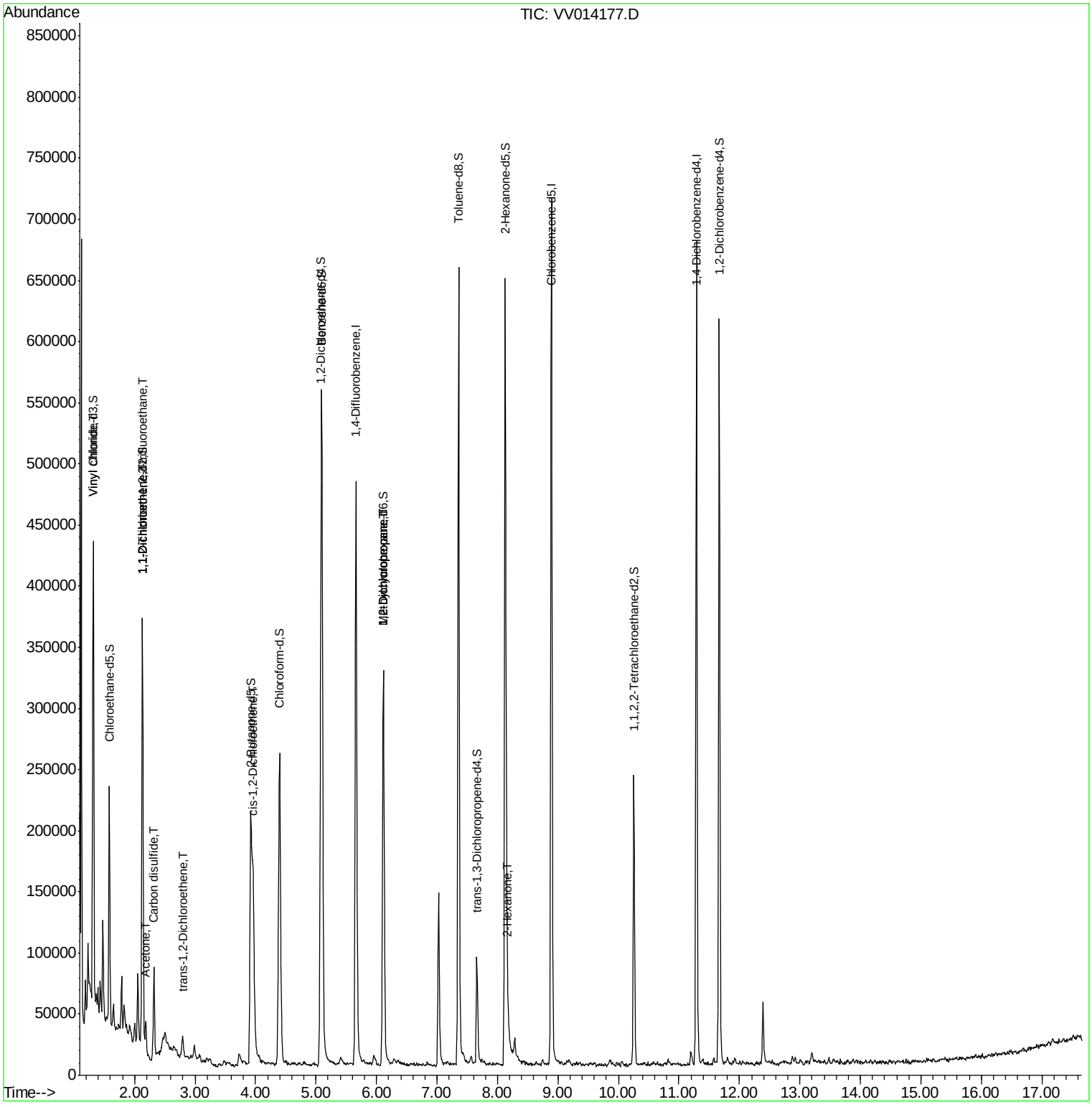
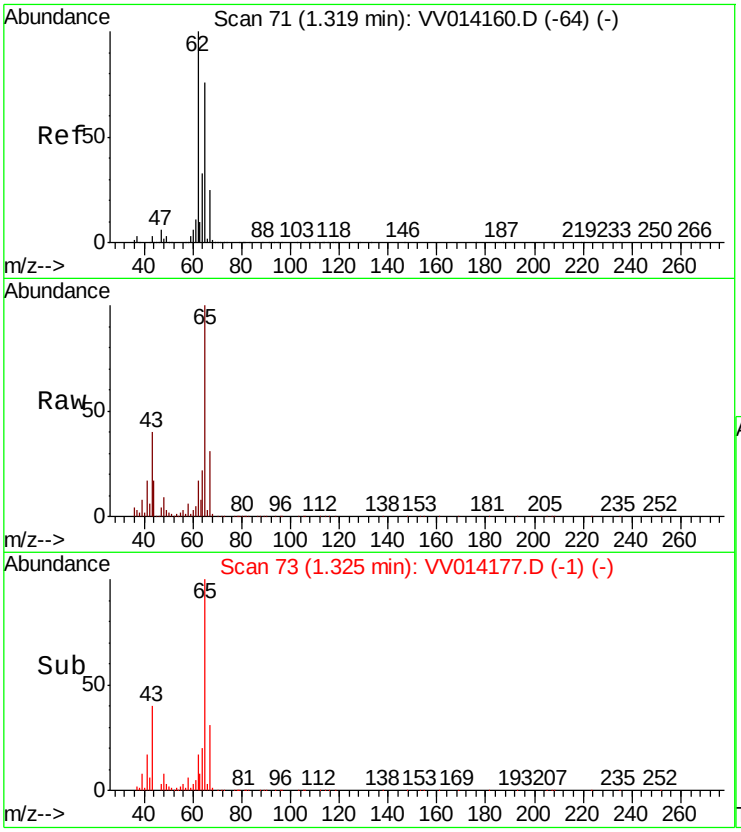
Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Dec 24 01:39:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR122319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 24 01:34:37 2019
Response via : Initial Calibration



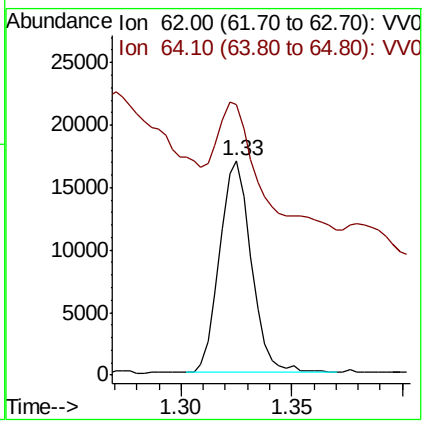


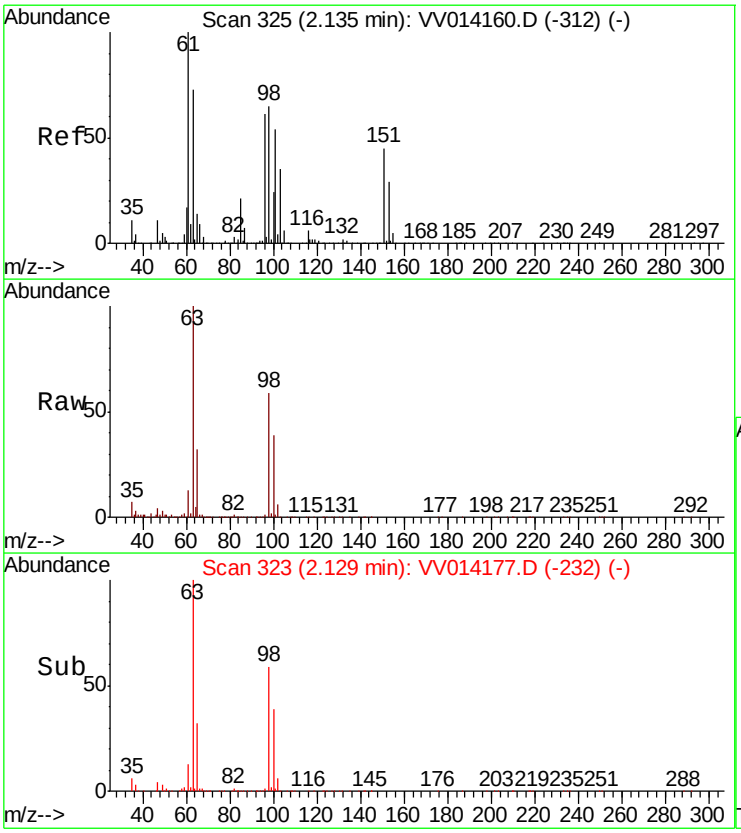
#5
Vinyl chloride
Concen: 0.537 ug/L
RT: 1.33 min Scan# 73
Delta R.T. 0.01 min
Lab File: VV014177.D
Acq: 23 Dec 2019 23:07

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 62 Resp: 16954

Ion	Ratio	Lower	Upper
62	100		
64	126.1	22.0	40.8#

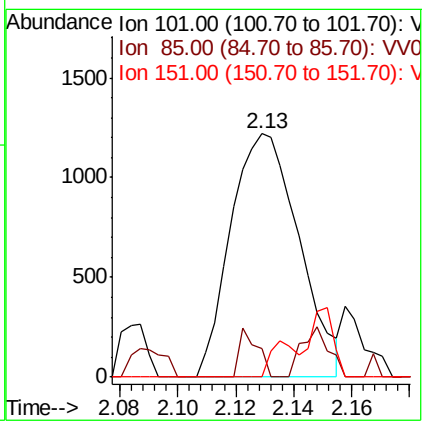


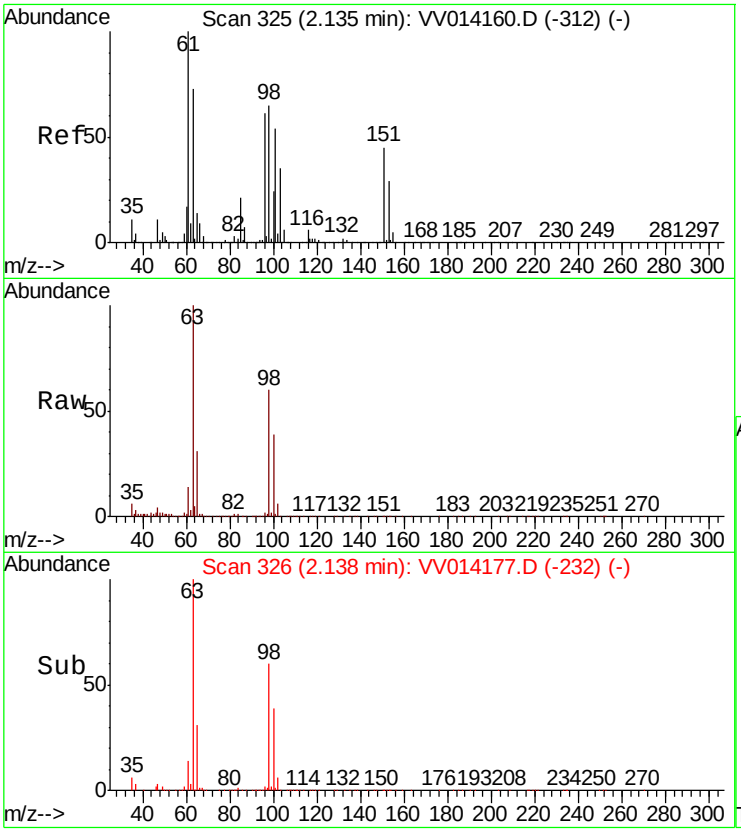


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.083 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.01 min
Lab File: VV014177.D
Acq: 23 Dec 2019 23:07

Tgt Ion:101 Resp: 1990

Ion	Ratio	Lower	Upper
101	100		
85	5.3	34.7	52.1#
151	5.6	69.1	103.7#



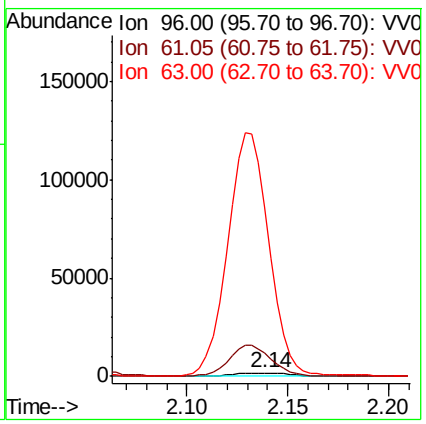


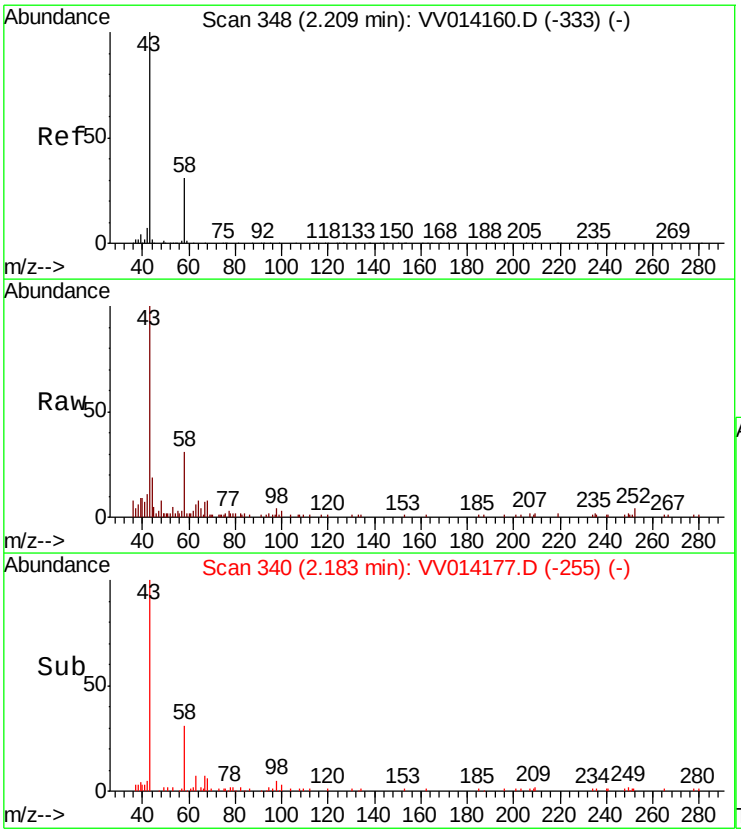
#12
1,1-Dichloroethene
Concen: 0.144 ug/L
RT: 2.14 min Scan# 326
Delta R.T. 0.00 min
Lab File: VV014177.D
Acq: 23 Dec 2019 23:07

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 3384

Ion	Ratio	Lower	Upper
96	100		
61	680.9	115.8	215.2#
63	4963.0	79.9	148.3#

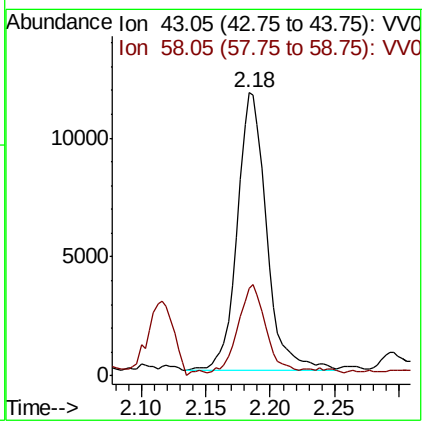


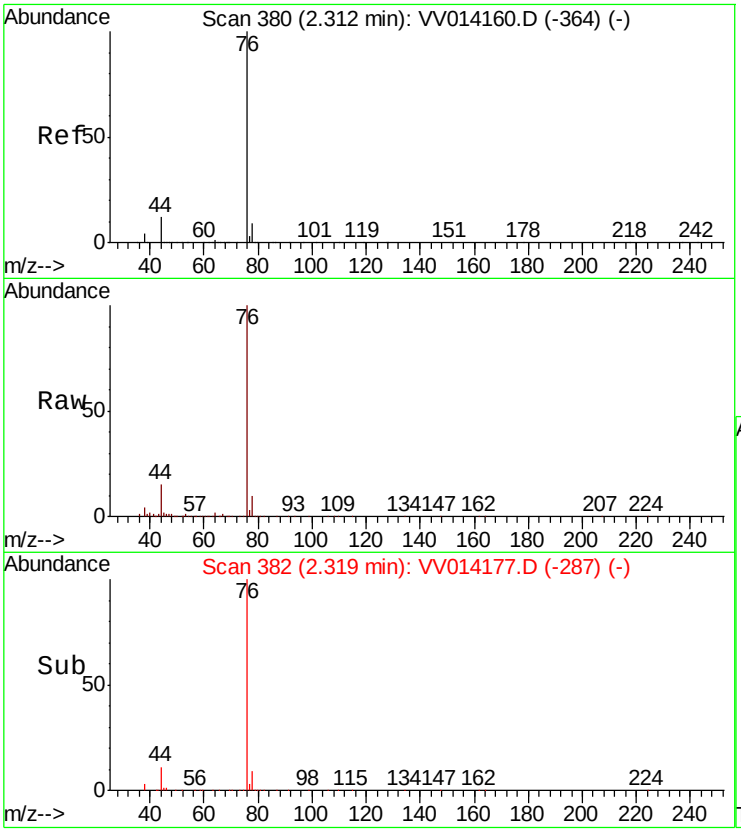


#13
Acetone
Concen: 4.150 ug/L
RT: 2.18 min Scan# 340
Delta R.T. -0.03 min
Lab File: VV014177.D
Acq: 23 Dec 2019 23:07

Tgt Ion: 43 Resp: 18590

Ion	Ratio	Lower	Upper
43	100		
58	29.3	0.0	58.8



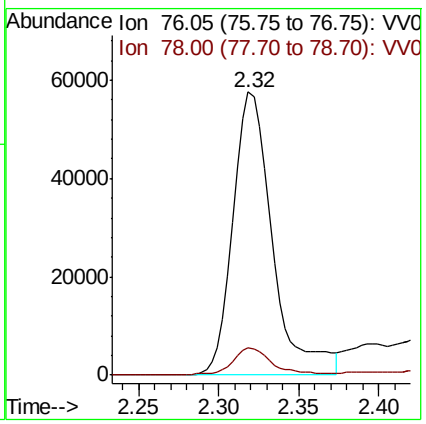


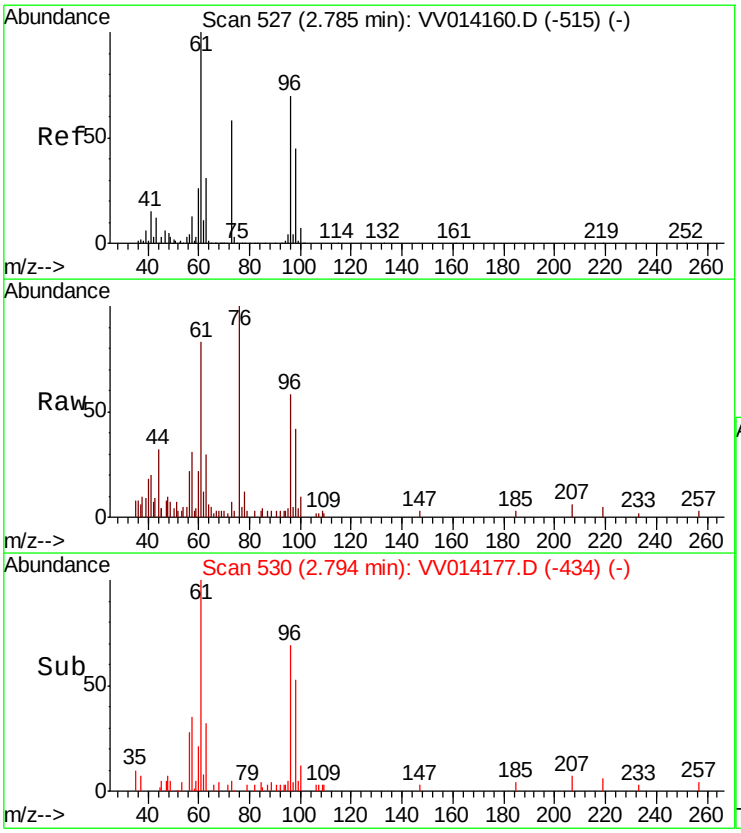
#14
Carbon disulfide
Concen: 1.251 ug/L
RT: 2.32 min Scan# 382
Delta R.T. 0.01 min
Lab File: VV014177.D
Acq: 23 Dec 2019 23:07

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 76 Resp: 97375

Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.0	10.6

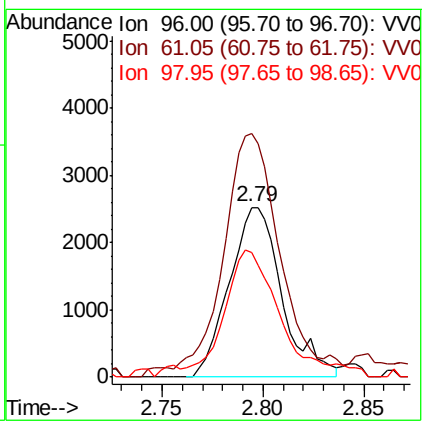


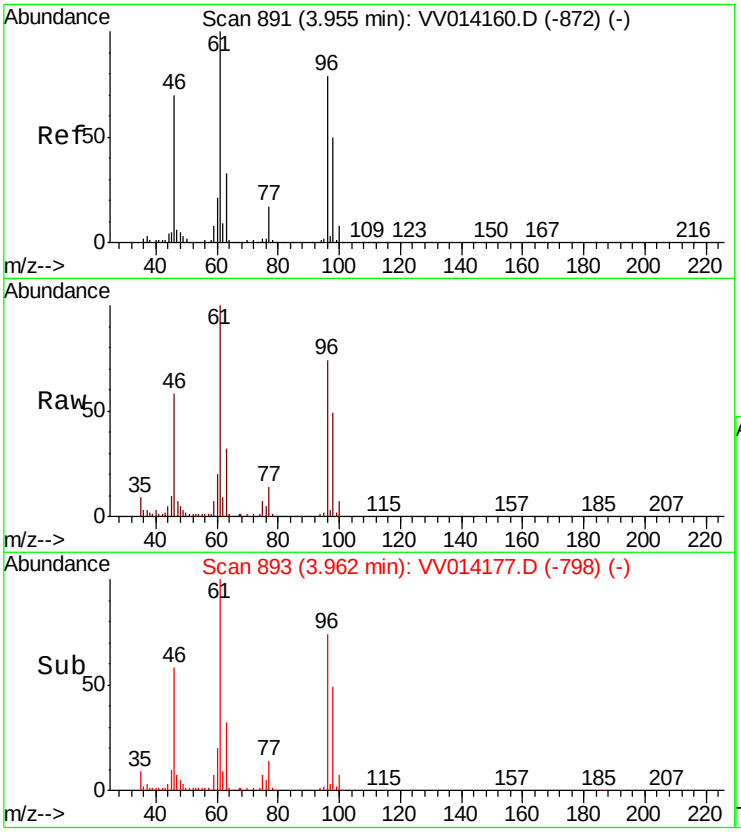


#18
trans-1,2-Dichloroethene
Concen: 0.166 ug/L
RT: 2.79 min Scan# 530
Delta R.T. 0.01 min
Lab File: VV014177.D
Acq: 23 Dec 2019 23:07

Tgt Ion: 96 Resp: 4609

Ion	Ratio	Lower	Upper
96	100		
61	143.3	100.7	187.1
98	73.6	46.9	87.1



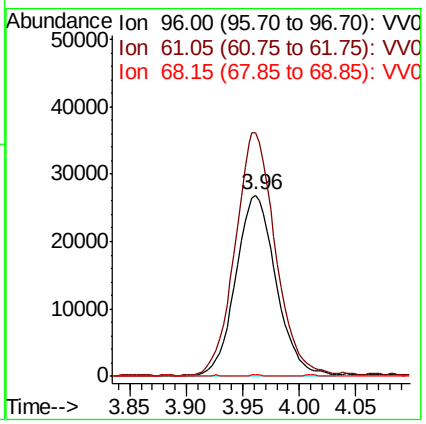


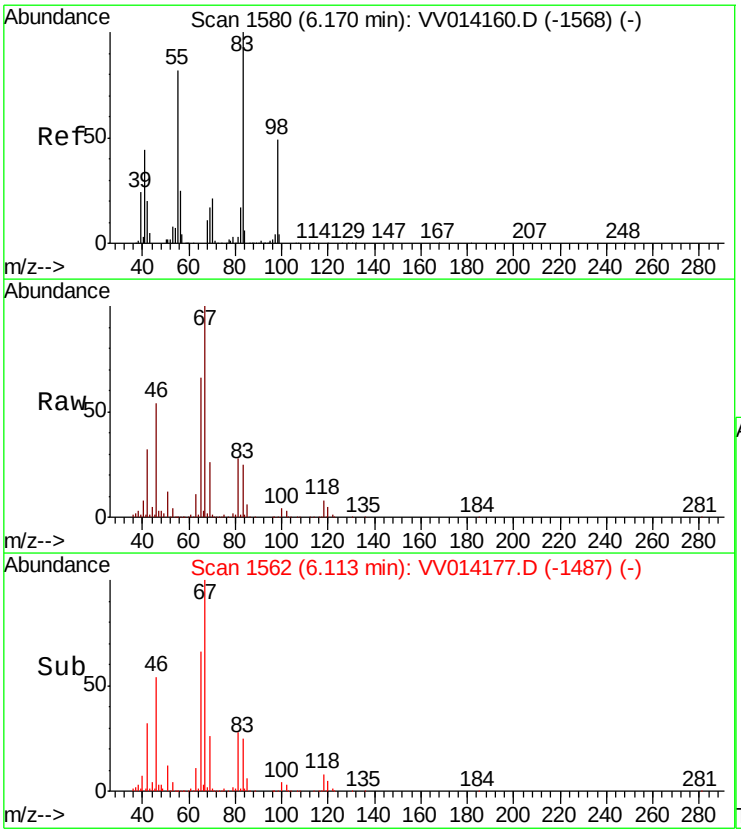
#22
cis-1,2-Dichloroethene
Concen: 2.342 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.01 min
Lab File: VV014177.D
Acq: 23 Dec 2019 23:07

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 66834

Ion	Ratio	Lower	Upper
96	100		
61	134.5	91.2	169.4
68	0.7	0.1	0.3#

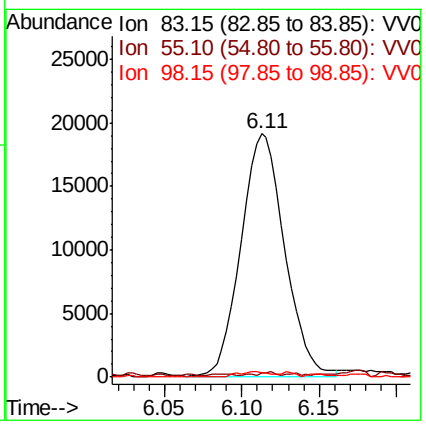


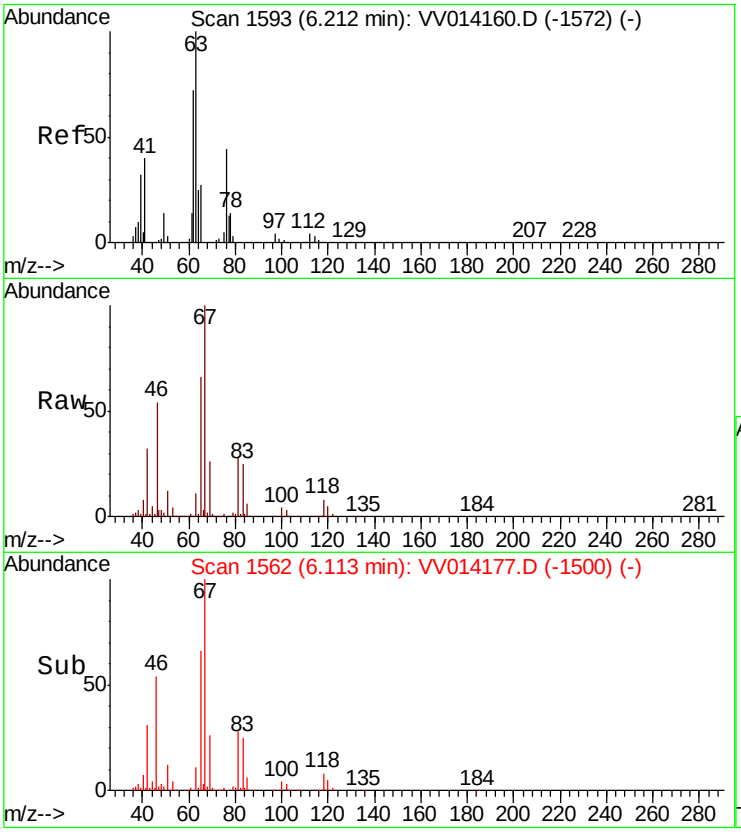


#35
Methylcyclohexane
Concen: 0.890 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV014177.D
Acq: 23 Dec 2019 23:07

Tgt Ion: 83 Resp: 37824

Ion	Ratio	Lower	Upper
83	100		
55	0.7	65.3	97.9#
98	1.6	39.2	58.8#



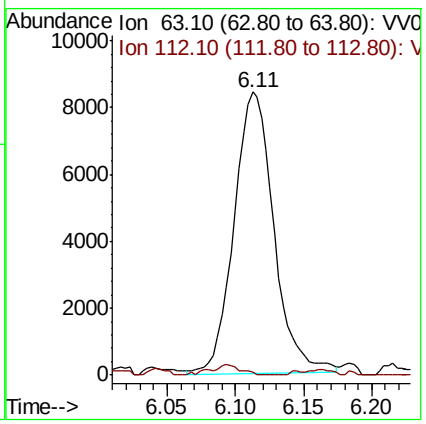


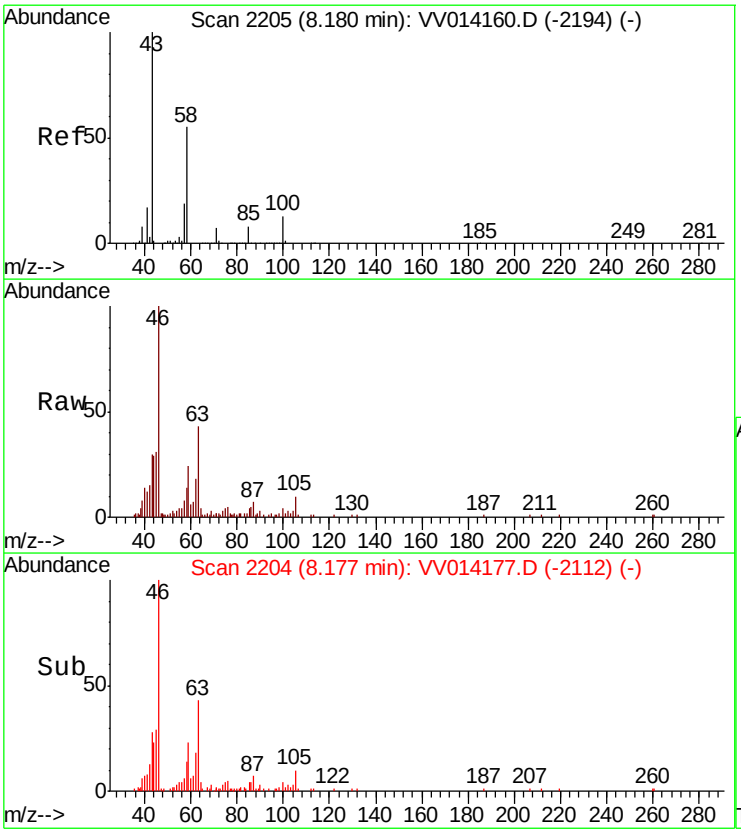
#37
1,2-Dichloropropane
Concen: 0.637 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.10 min
Lab File: VV014177.D
Acq: 23 Dec 2019 23:07

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 17069

Ion	Ratio	Lower	Upper
63	100		
112	2.9	4.0	6.0#





#48
2-Hexanone
Concen: 0.561 ug/L
RT: 8.18 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VV014177.D
Acq: 23 Dec 2019 23:07

Tgt Ion: 43 Resp: 5986

Ion	Ratio	Lower	Upper
43	100		
58	0.0	43.2	64.8#
57	12.9	14.8	22.2#
100	1.6	9.7	14.5#