Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112219\

Quantitation Report (Not Reviewed)

Data File : VV013737.D
Acq On : 22 Nov 2019 16:36
Operator : SY/MD
Sample : K5941-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : B0AB9

Quant Time: Nov 23 01:38:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 23 01:35:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	338820	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	329427	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	150890	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	113365	5.41	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 108.20%			
7) Chloroethane-d5	1.58	69	103519	5.81	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 116.20%			
11) 1,1-Dichloroethene-d2	2.13	63	171996	4.87	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 97.40%			
20) 2-Butanone-d5	3.92	46	245193	56.24	ug/L	-0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 112.48%			
24) Chloroform-d	4.40	84	226913	5.37	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 107.40%			
26) 1,2-Dichloroethane-d4	5.08	65	114701	5.70	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 114.00%			
32) Benzene-d6	5.10	84	445276	5.24	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.80%			
36) 1,2-Dichloropropane-d6	6.11	67	137932	5.45	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 109.00%			
41) Toluene-d8	7.36	98	389383	4.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.60%			
43) trans-1,3-Dichloropropene-	7.66	79	47271	4.80	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.00%			
46) 2-Hexanone-d5	8.13	63	175434	48.24	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.48%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	95607	5.44	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 108.80%			
64) 1,2-Dichlorobenzene-d4	11.67	152	156419	5.87	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 117.40%			
Target Compounds						Qvalue
3) Chloromethane	1.25	50	7341	0.370	ug/L	99
5) Vinyl chloride	1.32	62	2162	0.107	ug/L #	1
8) Chloroethane	1.32	64	5728	0.470	ug/L	86
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2094	0.112	ug/L #	30
12) 1,1-Dichloroethene	2.14	96	42411	2.603	ug/L #	75
14) Carbon disulfide	2.32	76	14731	0.392	ug/L	98
16) Methylene chloride	2.53	84	4693	0.210	ug/L	96
17) Methyl tert-butyl Ether	2.80	73	9539	0.214	ug/L #	91
19) 1,1-Dichloroethane	3.23	63	107958	2.940	ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	44247	2.051	ug/L	98
25) Chloroform	4.43	83	9223	0.237	ug/L	98
34) Trichloroethene	5.96	95	259619	11.647	ug/L	98
35) Methylcyclohexane	6.12	83	34277	1.152	ug/L #	19
38) Bromodichloromethane	6.55	83	1375	0.050	ug/L #	92
44) trans-1,3-Dichloropropene	7.67	75	2058	0.089	ug/L #	69
48) 2-Hexanone	8.18	43	11036	1.276	ug/L #	75

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112219\

Quantitation Report (Not Reviewed)

Data File : VV013737.D
Acq On : 22 Nov 2019 16:36
Operator : SY/MD
Sample : K5941-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : B0AB9

Quant Time: Nov 23 01:38:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 23 01:35:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112219\

Quantitation Report (Not Reviewed)

Data File : VV013737.D
Acq On : 22 Nov 2019 16:36
Operator : SY/MD
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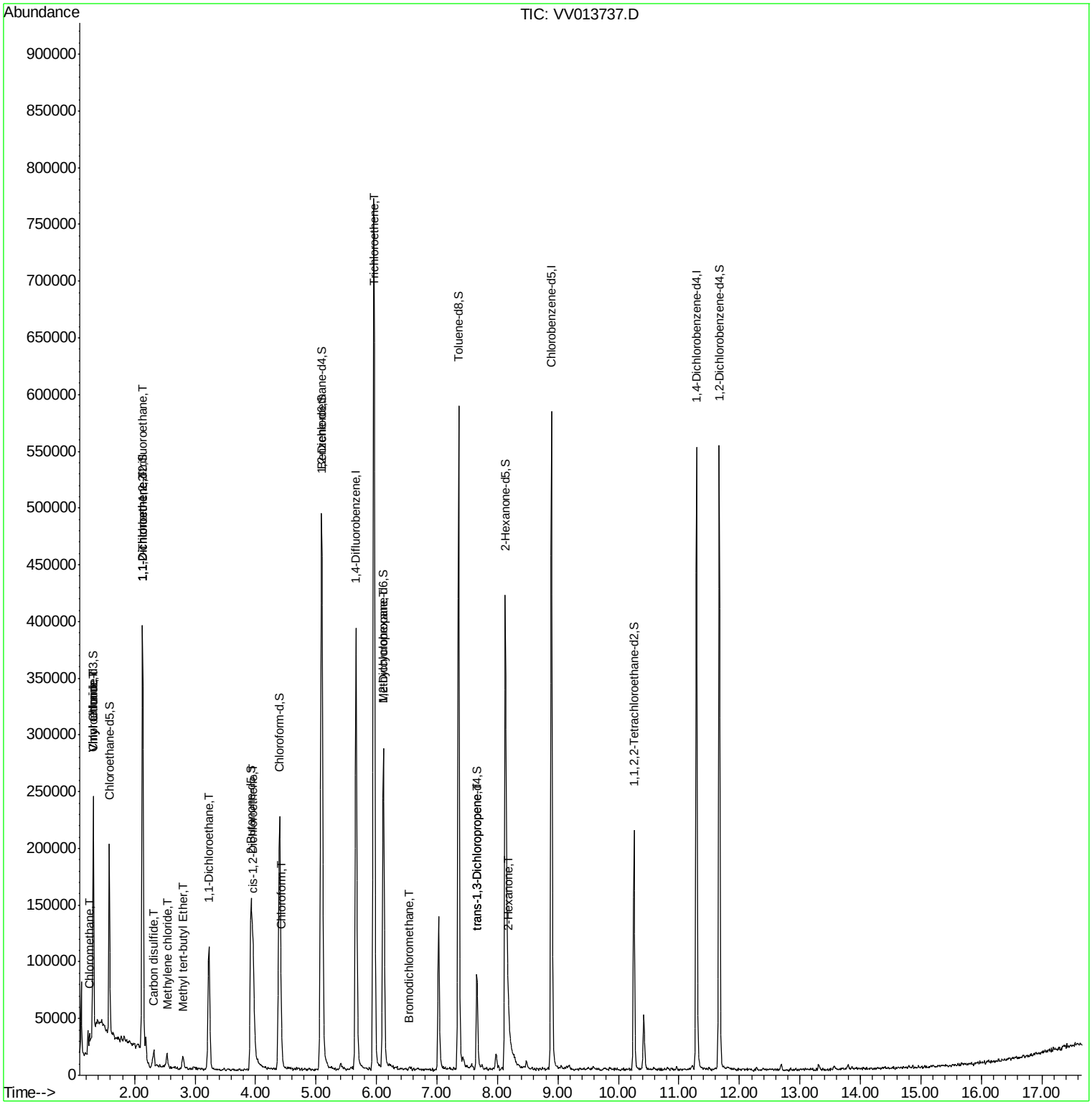
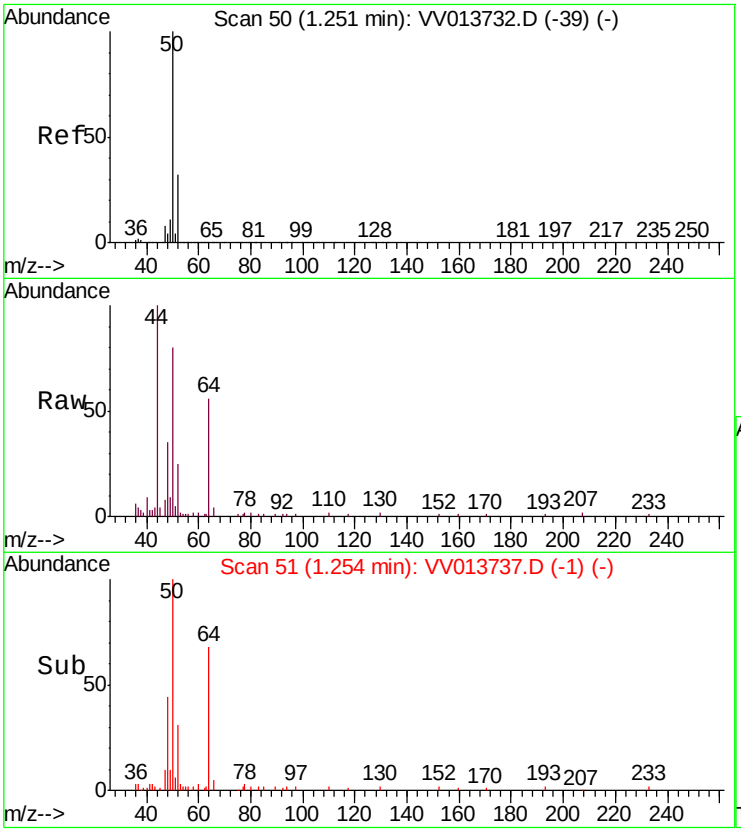
Quant Time: Nov 23 01:38:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 23 01:35:18 2019
Response via : Initial Calibration



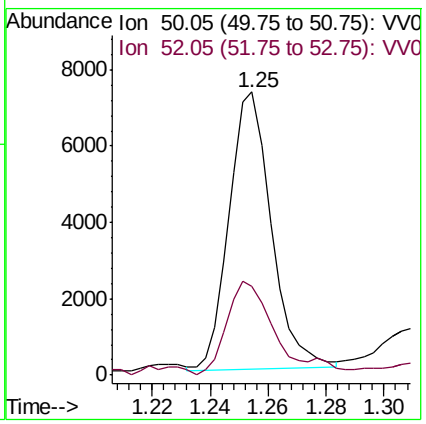


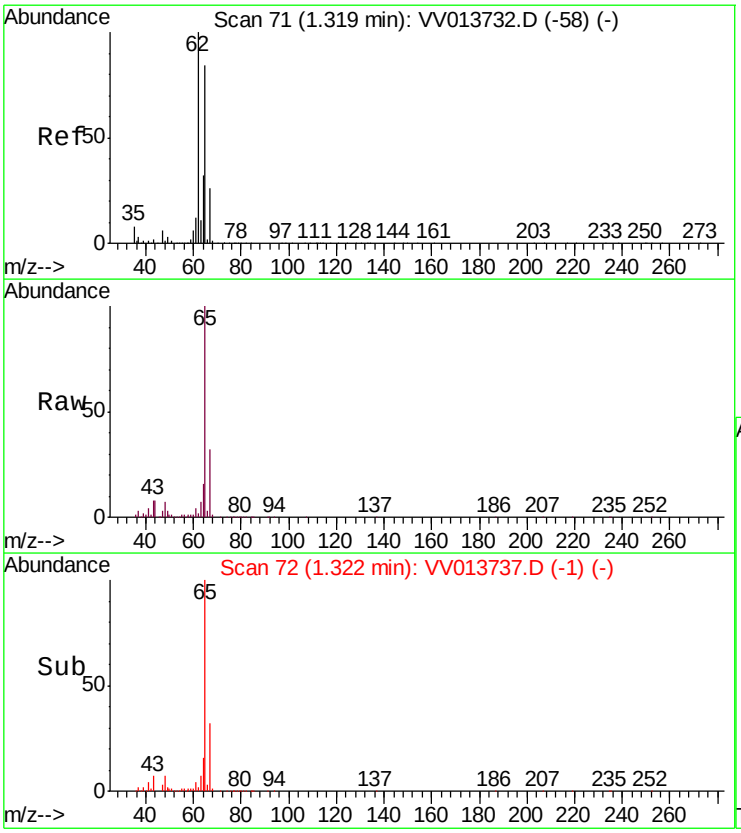
#3
Chloromethane
Concen: 0.370 ug/L
RT: 1.25 min Scan# 51
Delta R.T. 0.00 min
Lab File: VV013737.D
Acq: 22 Nov 2019 16:36

Instrument :
MSVOA_V
ClientSampleId :
B0AB9

Tgt Ion: 50 Resp: 7341

Ion	Ratio	Lower	Upper
50	100		
52	31.5	22.5	41.7

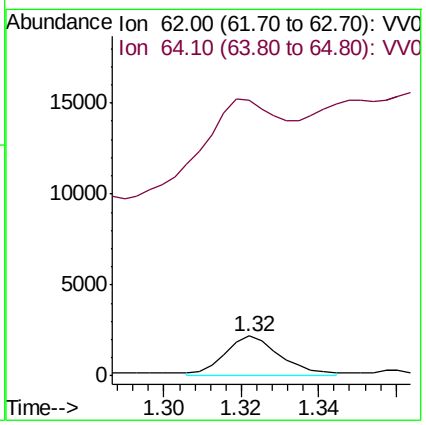


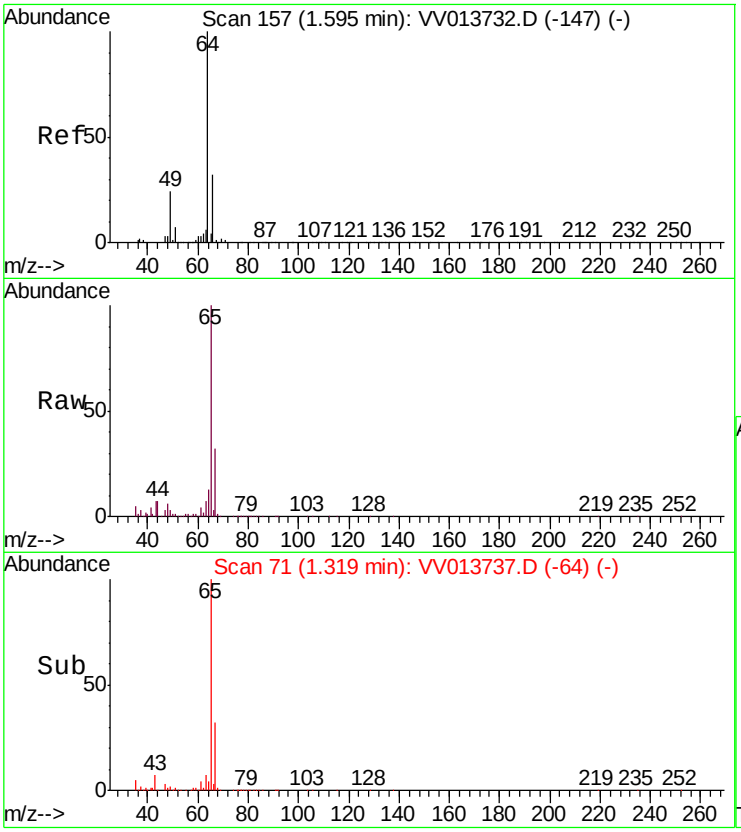


#5
Vinyl chloride
Concen: 0.107 ug/L
RT: 1.32 min Scan# 72
Delta R.T. 0.00 min
Lab File: VV013737.D
Acq: 22 Nov 2019 16:36

Tgt Ion: 62 Resp: 2162

Ion	Ratio	Lower	Upper
62	100		
64	694.3	23.3	43.3#



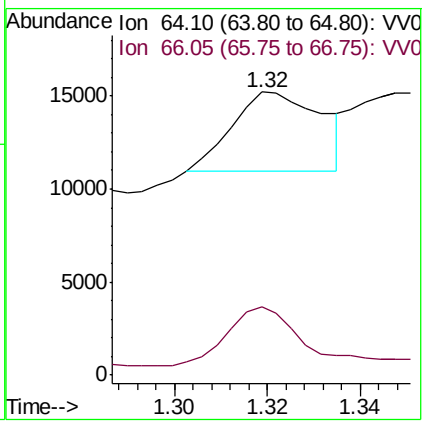


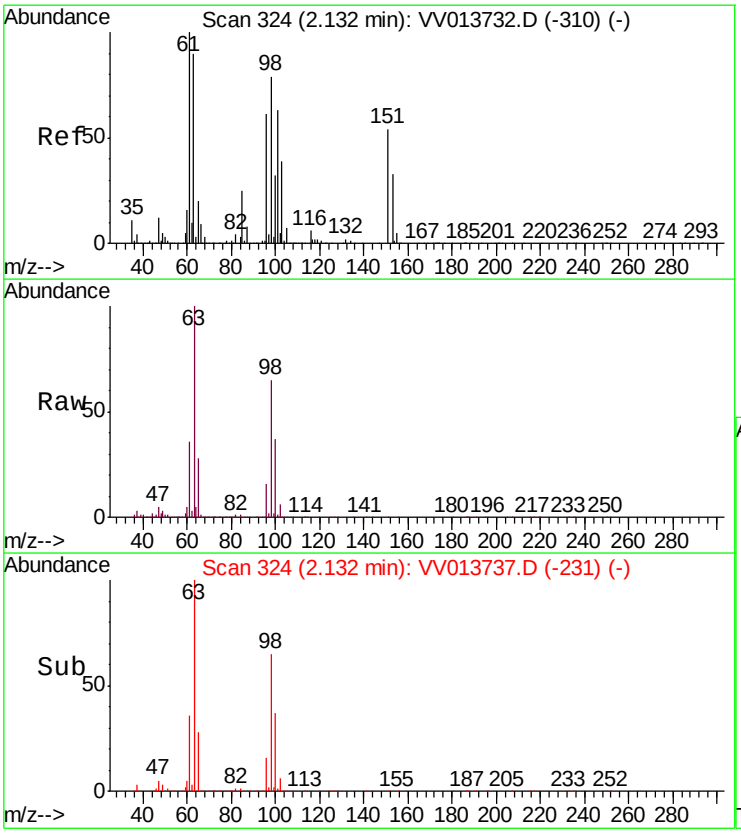
#8
Chloroethane
Concen: 0.470 ug/L
RT: 1.32 min Scan# 71
Delta R.T. -0.28 min
Lab File: VV013737.D
Acq: 22 Nov 2019 16:36

Instrument :
MSVOA_V
ClientSampleId :
B0AB9

Tgt Ion: 64 Resp: 5728

Ion	Ratio	Lower	Upper
64	100		
66	24.2	22.6	42.0

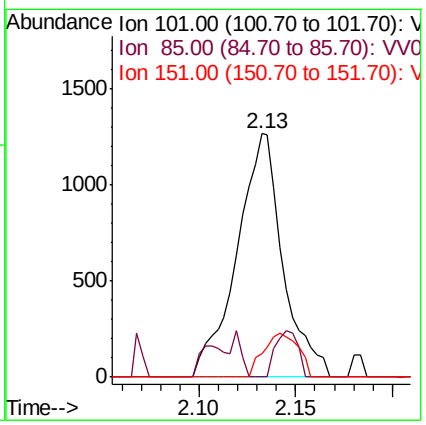


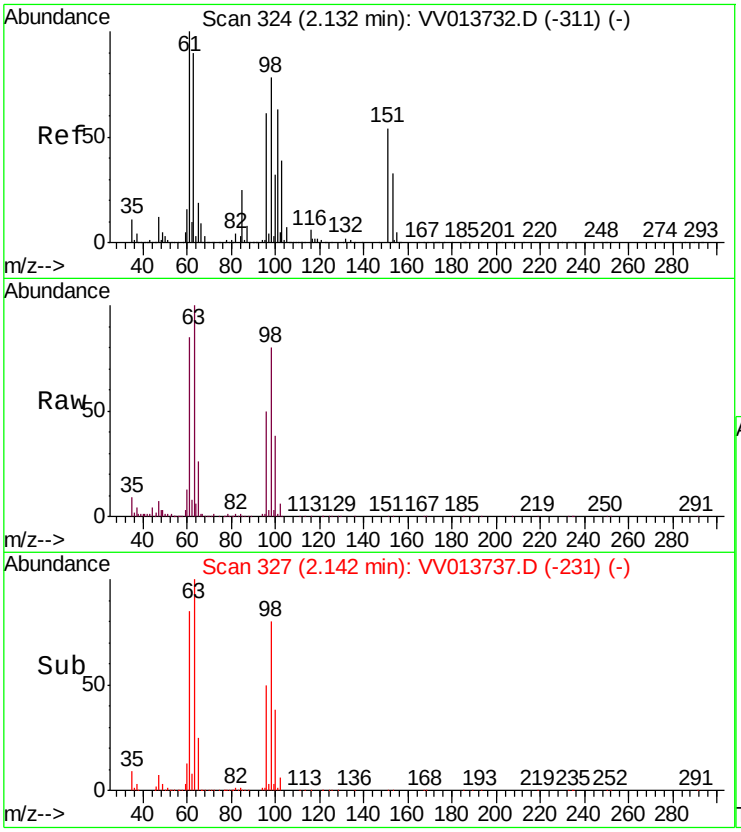


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.112 ug/L
RT: 2.13 min Scan# 324
Delta R.T. 0.00 min
Lab File: VV013737.D
Acq: 22 Nov 2019 16:36

Tgt Ion:101 Resp: 2094

Ion	Ratio	Lower	Upper
101	100		
85	9.0	33.4	50.0#
151	13.5	69.4	104.0#



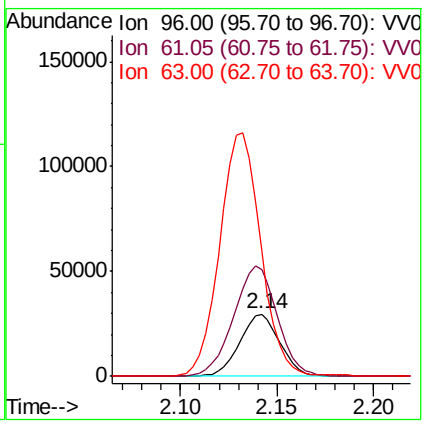


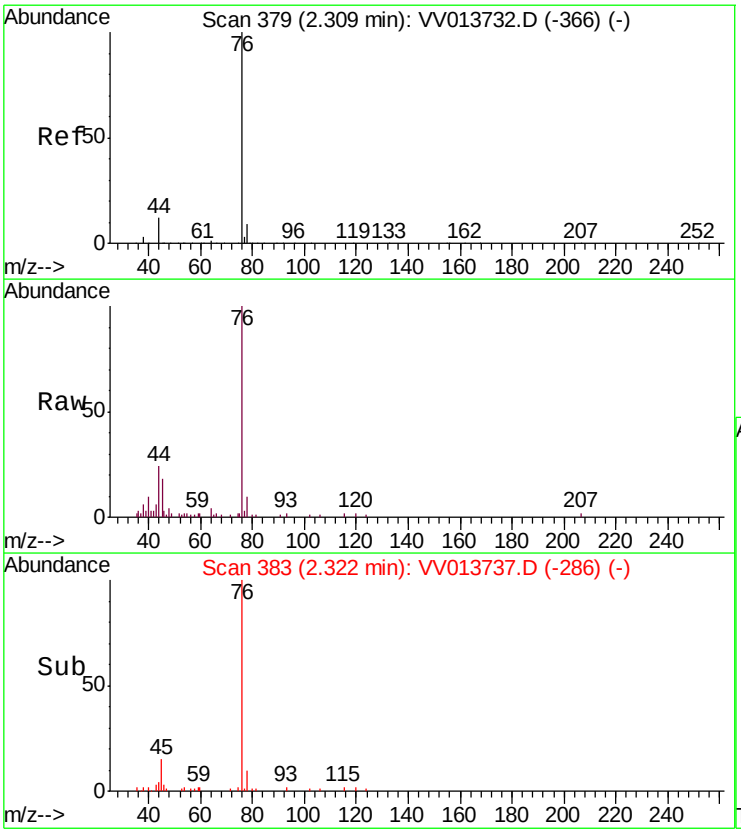
#12
1,1-Dichloroethene
Concen: 2.603 ug/L
RT: 2.14 min Scan# 327
Delta R.T. 0.01 min
Lab File: VV013737.D
Acq: 22 Nov 2019 16:36

Instrument : MSVOA_V
ClientSampleId : B0AB9

Tgt Ion: 96 Resp: 42411

Ion	Ratio	Lower	Upper
96	100		
61	170.9	116.3	215.9
63	199.9	96.7	179.7#

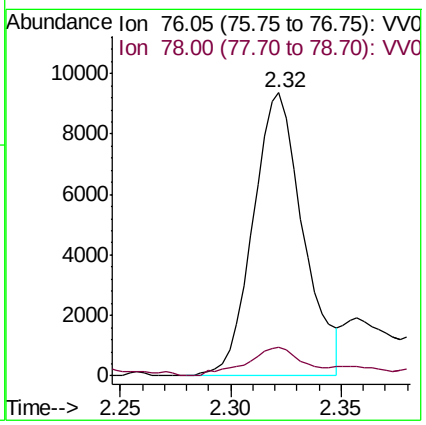


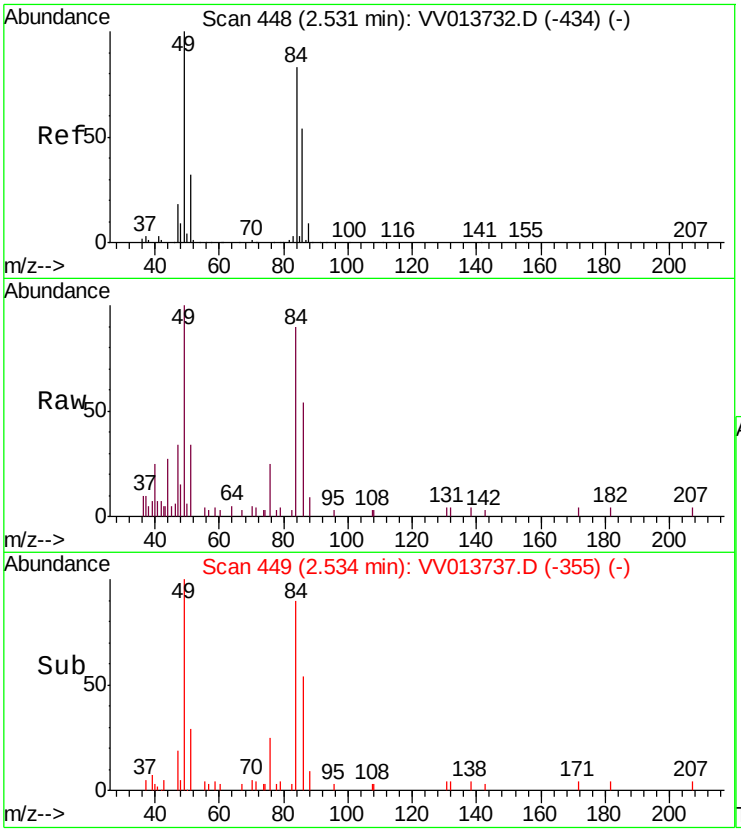


#14
Carbon disulfide
Concen: 0.392 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.01 min
Lab File: VV013737.D
Acq: 22 Nov 2019 16:36

Tgt Ion: 76 Resp: 14731

Ion	Ratio	Lower	Upper
76	100		
78	10.2	7.5	11.3



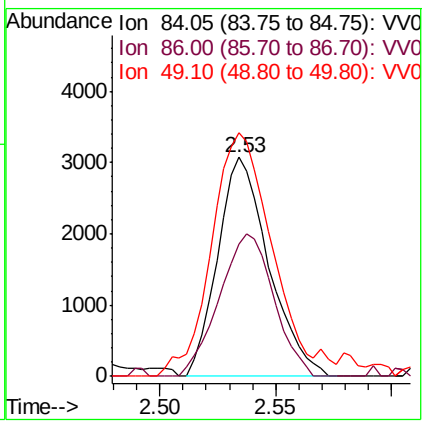


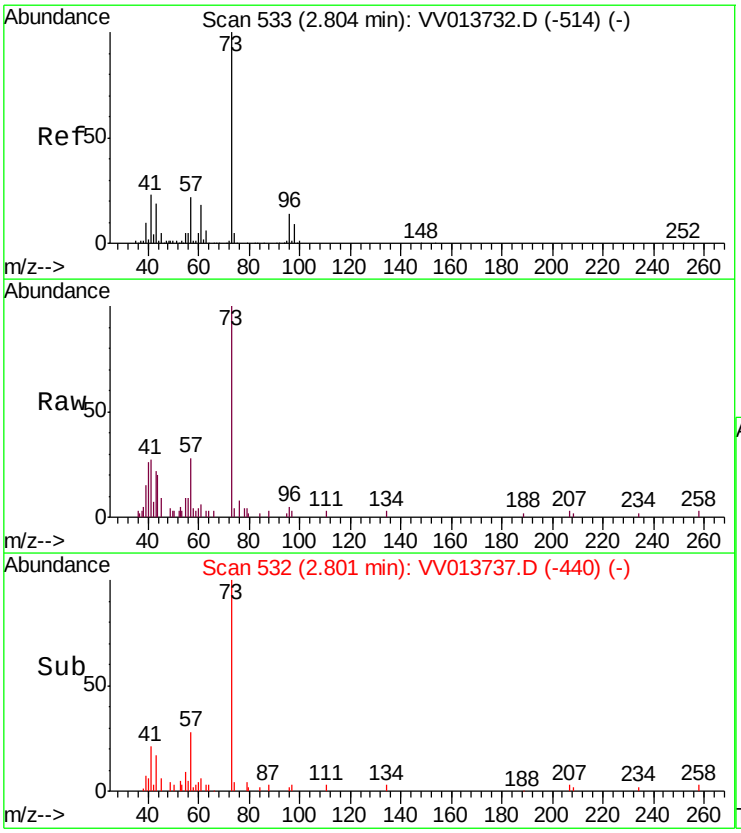
#16
Methylene chloride
Concen: 0.210 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV013737.D
Acq: 22 Nov 2019 16:36

Instrument :
MSVOA_V
ClientSampleId :
B0AB9

Tgt Ion: 84 Resp: 4693

Ion	Ratio	Lower	Upper
84	100		
86	60.4	44.0	81.6
49	111.2	81.5	151.5

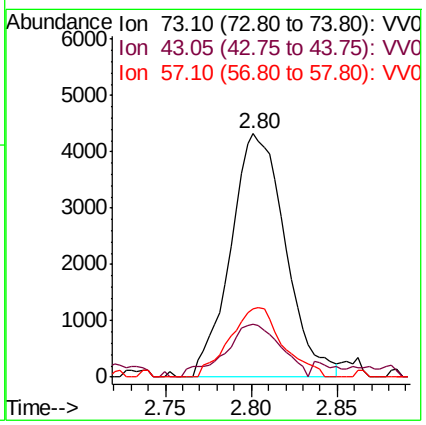


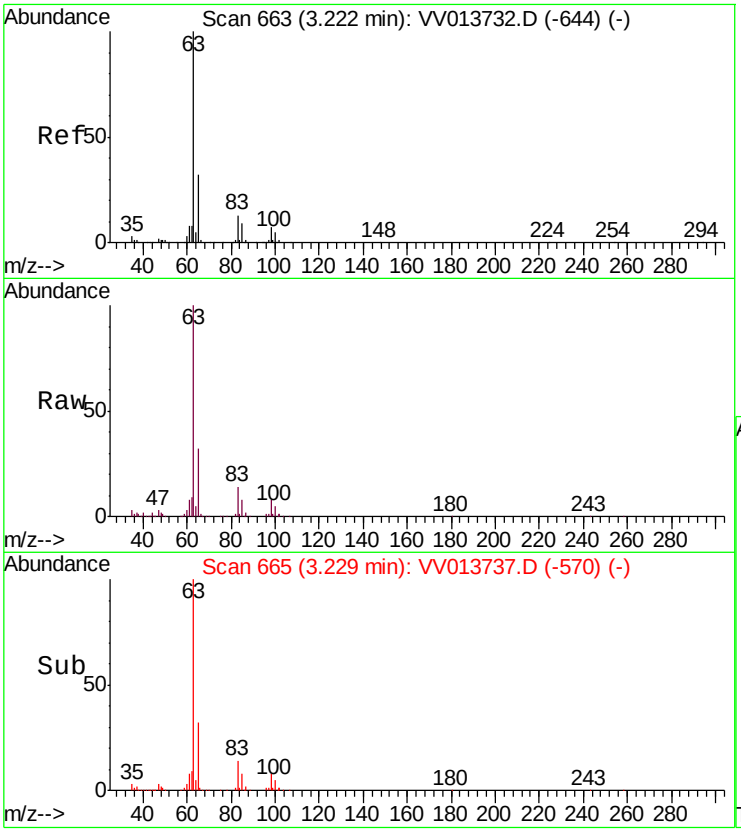


#17
Methyl tert-butyl Ether
Concen: 0.214 ug/L
RT: 2.80 min Scan# 532
Delta R.T. -0.00 min
Lab File: VV013737.D
Acq: 22 Nov 2019 16:36

Tgt Ion: 73 Resp: 9539

Ion	Ratio	Lower	Upper
73	100		
43	22.1	15.5	23.3
57	27.5	17.5	26.3#



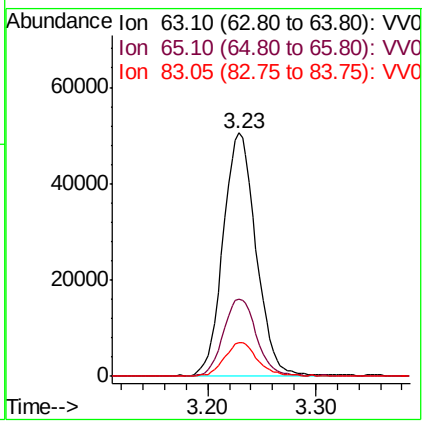


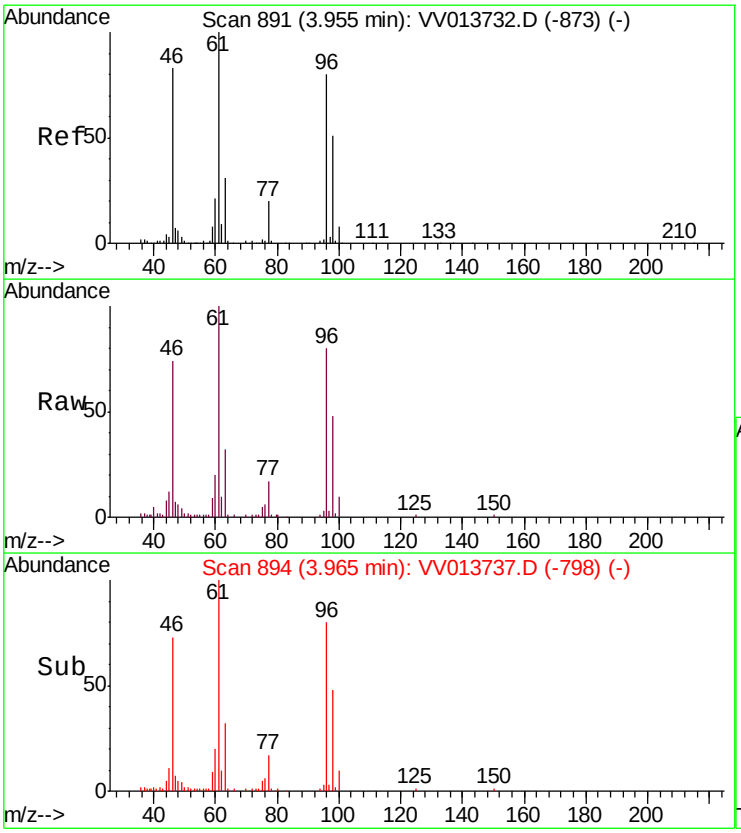
#19
1,1-Dichloroethane
Concen: 2.940 ug/L
RT: 3.23 min Scan# 665
Delta R.T. 0.01 min
Lab File: VV013737.D
Acq: 22 Nov 2019 16:36

Instrument :
MSVOA_V
ClientSampleId :
B0AB9

Tgt Ion: 63 Resp: 107958

Ion	Ratio	Lower	Upper
63	100		
65	31.6	22.7	42.1
83	14.1	9.2	17.2

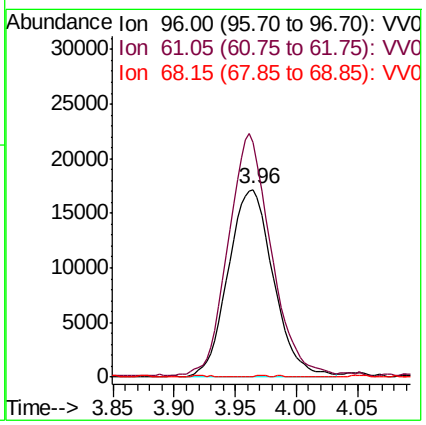


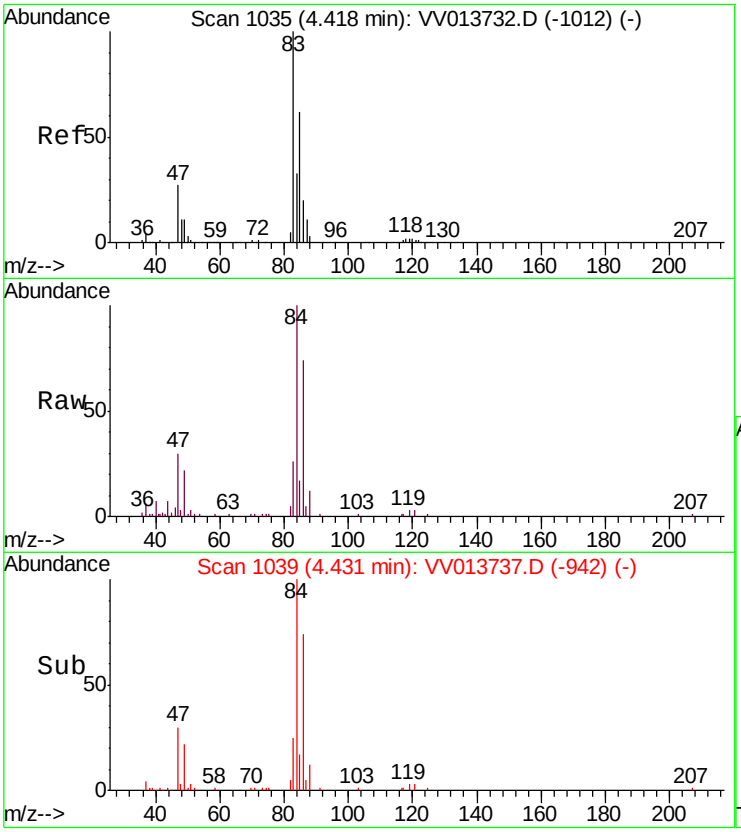


#22
cis-1,2-Dichloroethene
Concen: 2.051 ug/L
RT: 3.96 min Scan# 894
Delta R.T. 0.01 min
Lab File: VV013737.D
Acq: 22 Nov 2019 16:36

Tgt Ion: 96 Resp: 44247

Ion	Ratio	Lower	Upper
96	100		
61	125.3	86.1	159.9
68	0.0	0.0	0.0



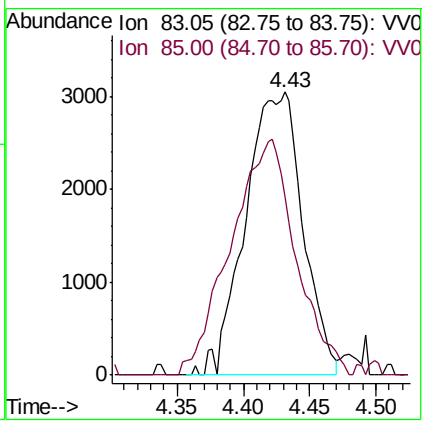


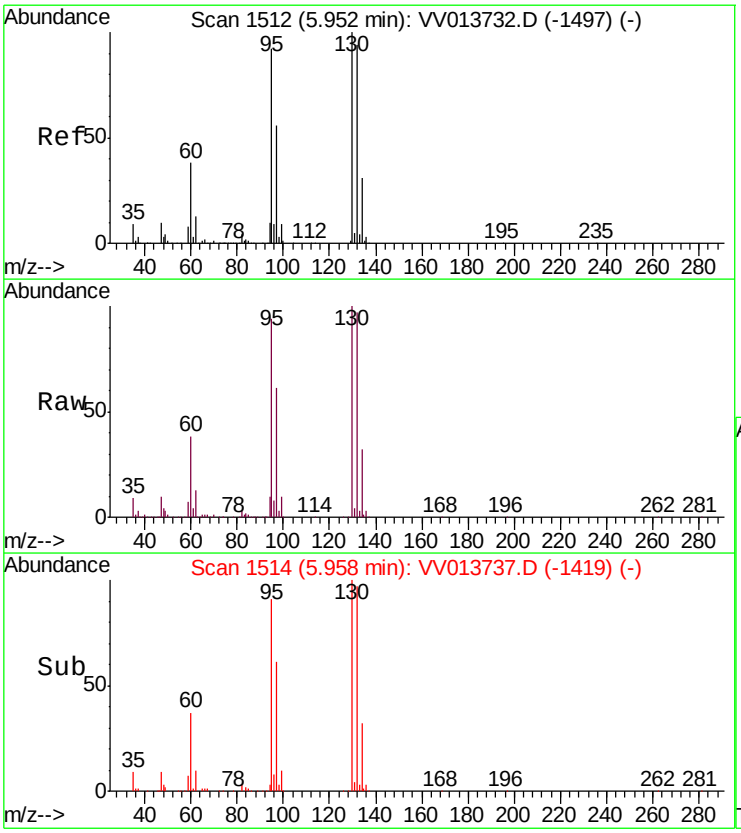
#25
Chloroform
Concen: 0.237 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.01 min
Lab File: VV013737.D
Acq: 22 Nov 2019 16:36

Instrument : MSVOA_V
ClientSampleId : B0AB9

Tgt Ion: 83 Resp: 9223

Ion	Ratio	Lower	Upper
83	100		
85	63.1	45.1	83.7

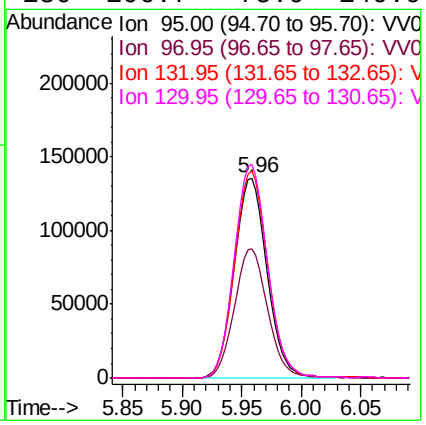


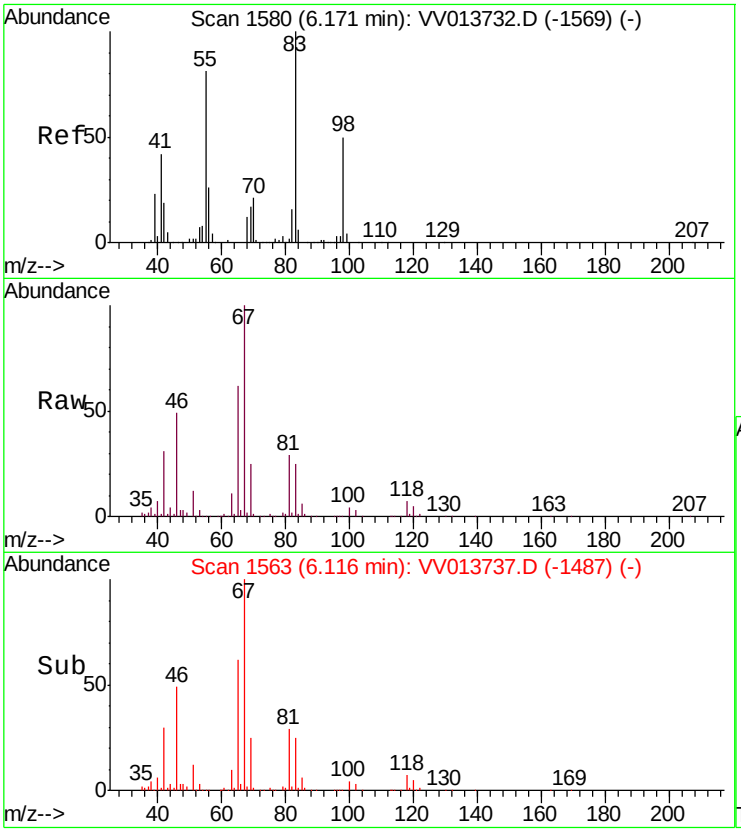


#34
Trichloroethene
Concen: 11.647 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.01 min
Lab File: VV013737.D
Acq: 22 Nov 2019 16:36

Tgt Ion: 95 Resp: 259619

Ion	Ratio	Lower	Upper
95	100		
97	64.7	45.6	84.8
132	103.9	70.5	130.9
130	106.7	75.9	140.9



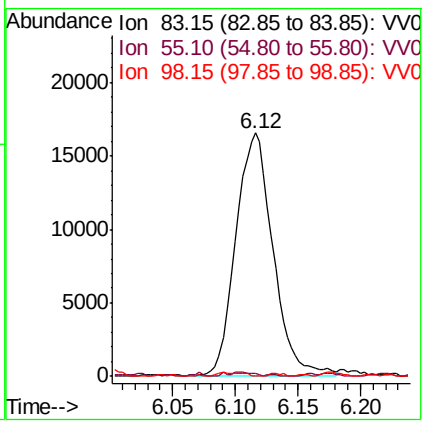


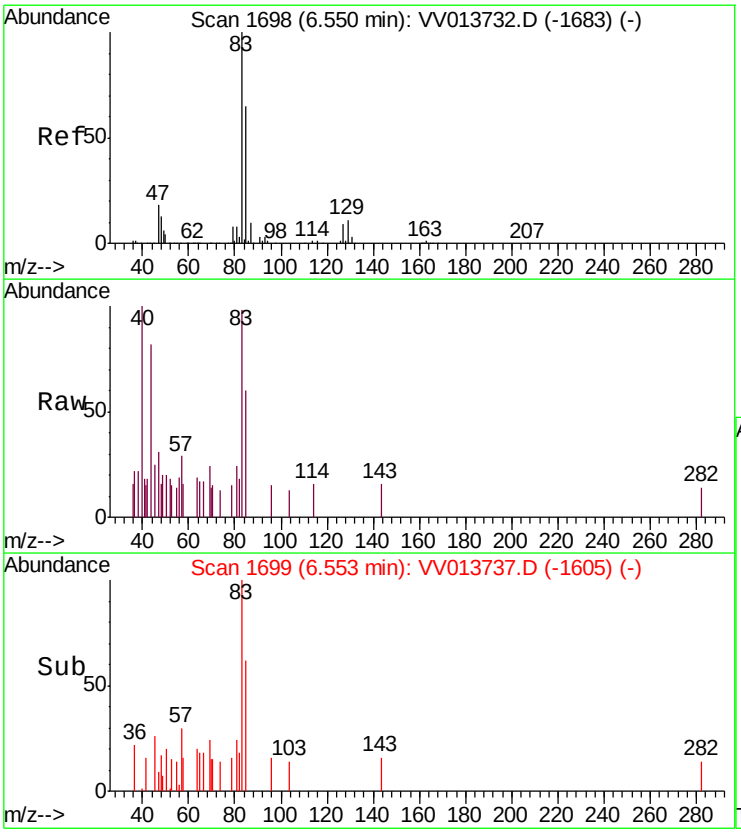
#35
Methylcyclohexane
Concen: 1.152 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV013737.D
Acq: 22 Nov 2019 16:36

Instrument :
MSVOA_V
ClientSampleId :
B0AB9

Tgt Ion: 83 Resp: 34277

Ion	Ratio	Lower	Upper
83	100		
55	1.2	60.3	90.5#
98	0.0	38.1	57.1#

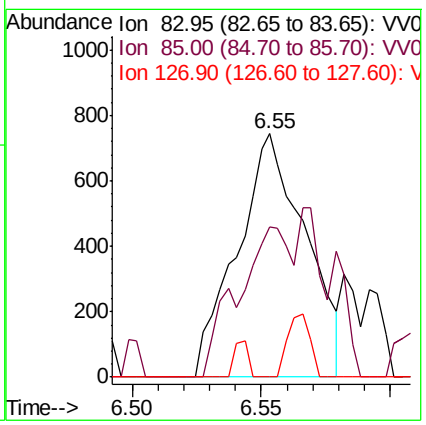


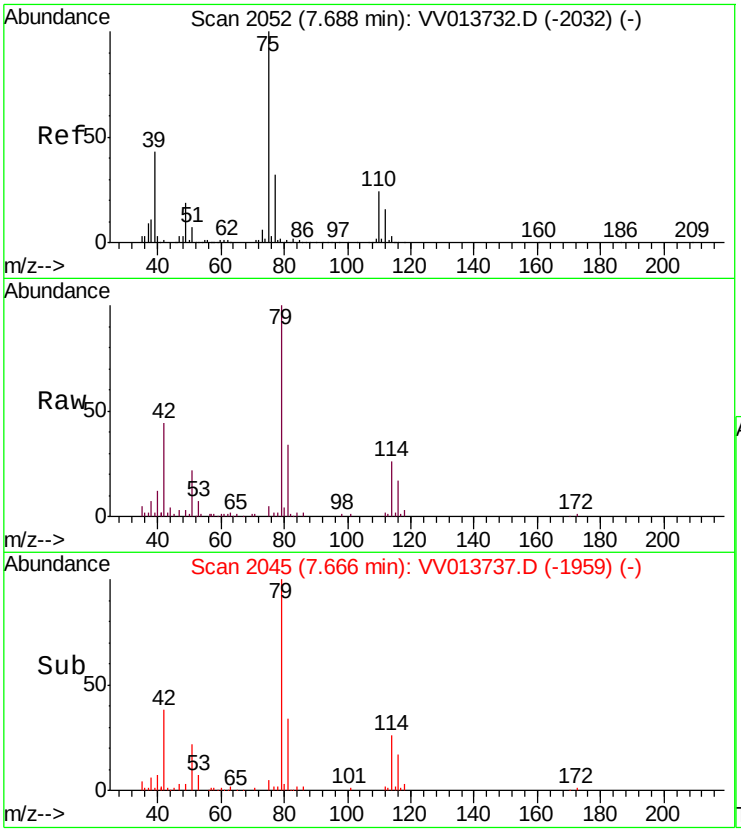


#38
Bromodichloromethane
Concen: 0.050 ug/L
RT: 6.55 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VV013737.D
Acq: 22 Nov 2019 16:36

Tgt Ion: 83 Resp: 1375

Ion	Ratio	Lower	Upper
83	100		
85	61.8	46.1	85.5
127	0.0	7.5	11.3#



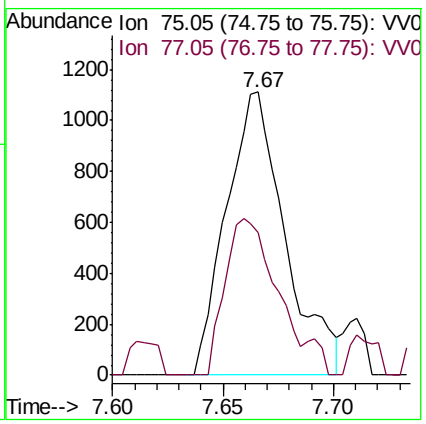


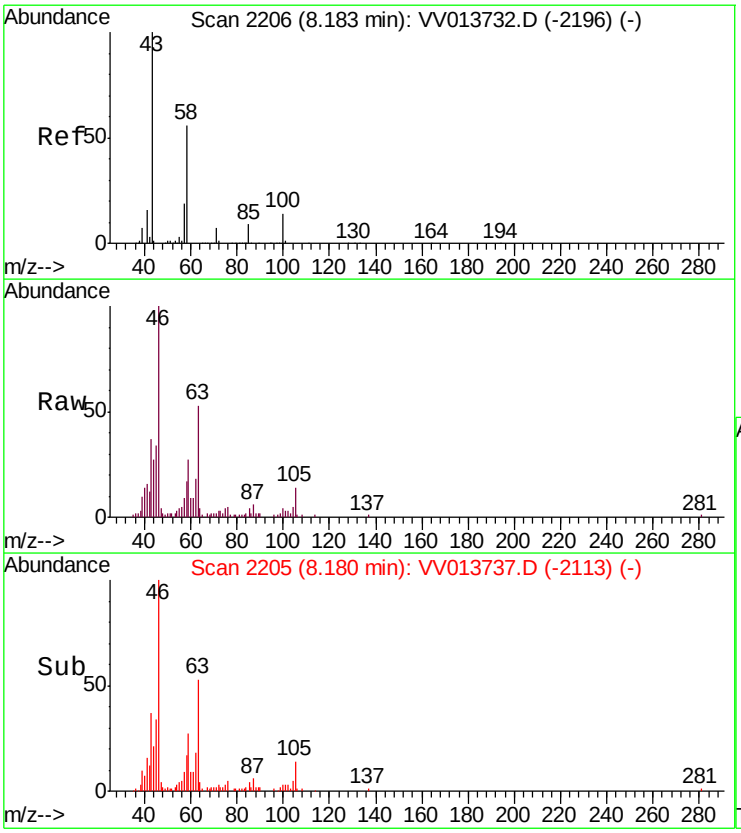
#44
trans-1,3-Dichloropropene
Concen: 0.089 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.02 min
Lab File: VV013737.D
Acq: 22 Nov 2019 16:36

Instrument :
MSVOA_V
ClientSampleId :
B0AB9

Tgt Ion: 75 Resp: 2058

Ion	Ratio	Lower	Upper
75	100		
77	50.3	23.0	42.8#





#48
2-Hexanone
Concen: 1.276 ug/L
RT: 8.18 min Scan# 2205
Delta R.T. -0.00 min
Lab File: VV013737.D
Acq: 22 Nov 2019 16:36

Tgt Ion: 43 Resp: 11036

Ion	Ratio	Lower	Upper
43	100		
58	38.4	43.2	64.8#
57	0.0	15.4	23.2#
100	7.6	10.4	15.6#