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

Quantitation Report (Not Reviewed)

Data File : VV013743.D
Acq On : 22 Nov 2019 18:59
Operator : SY/MD
Sample : K5941-13
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : B0AC5

Quant Time: Nov 23 01:39:44 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	327420	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	323643	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	149350	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	108893	5.37	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 107.40%			
7) Chloroethane-d5	1.58	69	99428	5.78	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 115.60%			
11) 1,1-Dichloroethene-d2	2.13	63	155658	4.56	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 91.20%			
20) 2-Butanone-d5	3.92	46	245592	58.30	ug/L	-0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 116.60%			
24) Chloroform-d	4.40	84	225902	5.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 110.60%			
26) 1,2-Dichloroethane-d4	5.08	65	109537	5.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 112.60%			
32) Benzene-d6	5.10	84	433209	5.19	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.80%			
36) 1,2-Dichloropropane-d6	6.11	67	133471	5.36	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 107.20%			
41) Toluene-d8	7.36	98	381685	4.87	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.40%			
43) trans-1,3-Dichloropropene-	7.66	79	45371	4.68	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.60%			
46) 2-Hexanone-d5	8.13	63	181261	50.74	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.48%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	95233	5.52	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 110.40%			
64) 1,2-Dichlorobenzene-d4	11.67	152	156029	5.92	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 118.40%			
Target Compounds						Qvalue
3) Chloromethane	1.25	50	2244	0.117	ug/L	88
5) Vinyl chloride	1.32	62	2690	0.138	ug/L #	1
8) Chloroethane	1.32	64	2649	0.225	ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2074	0.115	ug/L #	21
12) 1,1-Dichloroethene	2.14	96	15313	0.973	ug/L #	1
14) Carbon disulfide	2.32	76	76529	2.106	ug/L	97
16) Methylene chloride	2.54	84	6377	0.296	ug/L	95
17) Methyl tert-butyl Ether	2.80	73	2749	0.064	ug/L #	58
19) 1,1-Dichloroethane	3.23	63	56599	1.595	ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	49497	2.374	ug/L	95
25) Chloroform	4.42	83	45446	1.208	ug/L	98
34) Trichloroethene	5.96	95	560076	25.574	ug/L	98
35) Methylcyclohexane	6.11	83	33866	1.159	ug/L #	19
38) Bromodichloromethane	6.56	83	4078	0.151	ug/L	89
39) cis-1,3-Dichloropropene	7.03	75	3198	0.110	ug/L #	62
44) trans-1,3-Dichloropropene	7.66	75	2561	0.113	ug/L #	71
48) 2-Hexanone	8.18	43	13173	1.550	ug/L #	82

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

Quantitation Report (Not Reviewed)

Data File : VV013743.D
Acq On : 22 Nov 2019 18:59
Operator : SY/MD
Sample : K5941-13
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : B0AC5

Quant Time: Nov 23 01:39:44 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 : VV013743.D
Acq On : 22 Nov 2019 18:59
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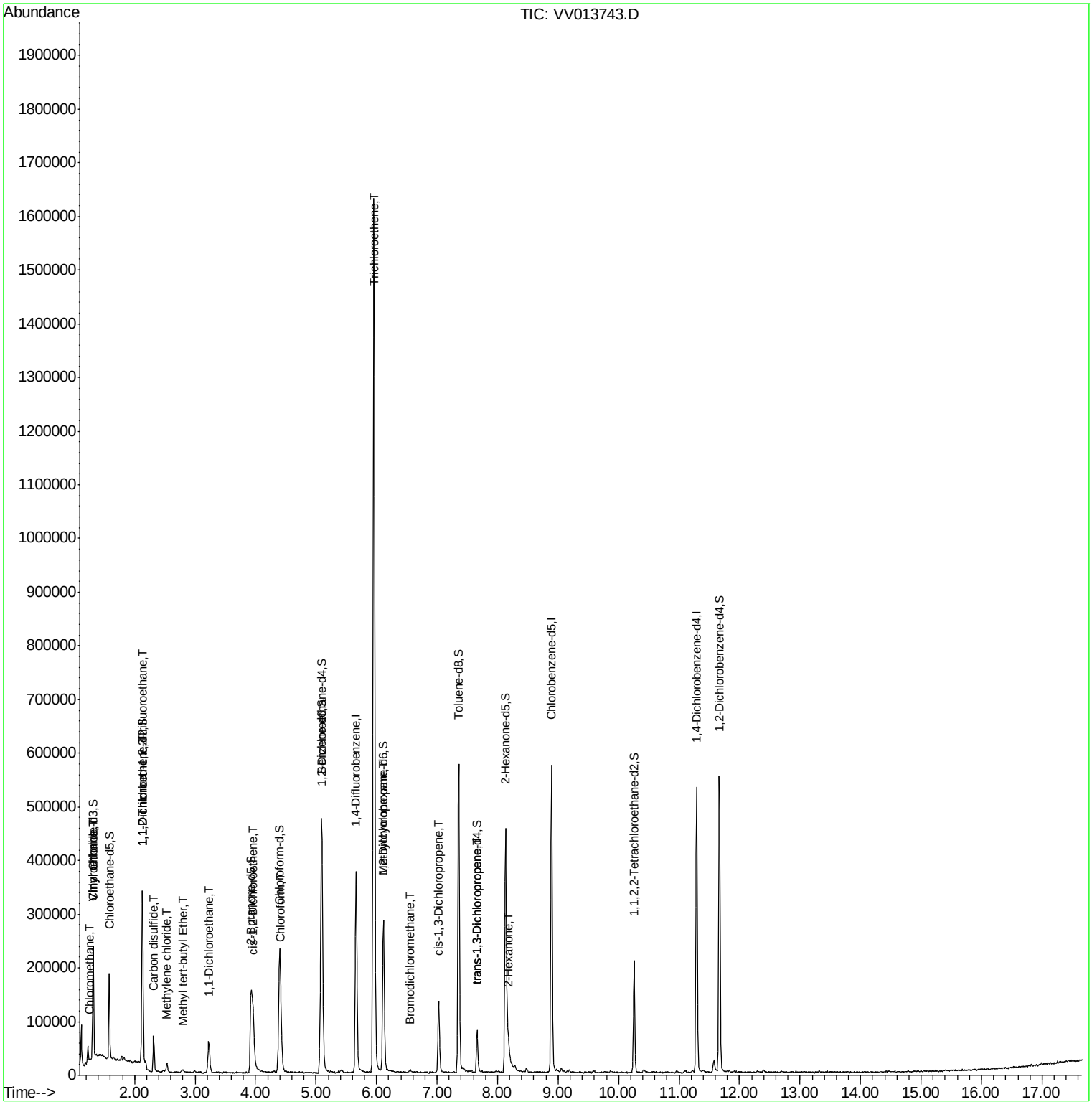
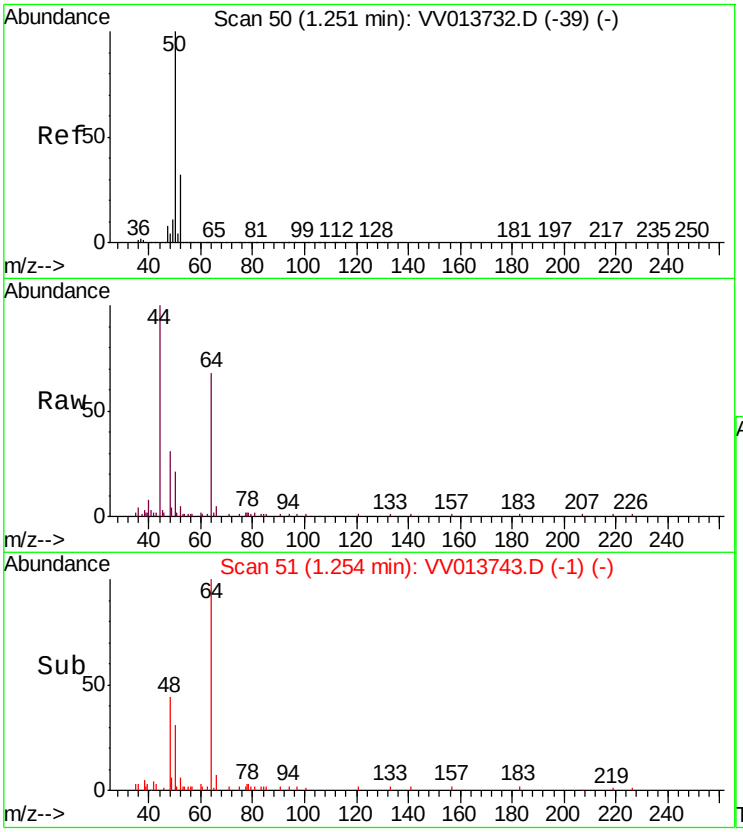
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 23 01:35:18 2019
Response via : Initial Calibration



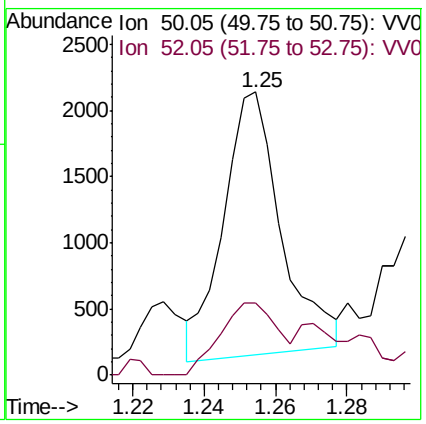


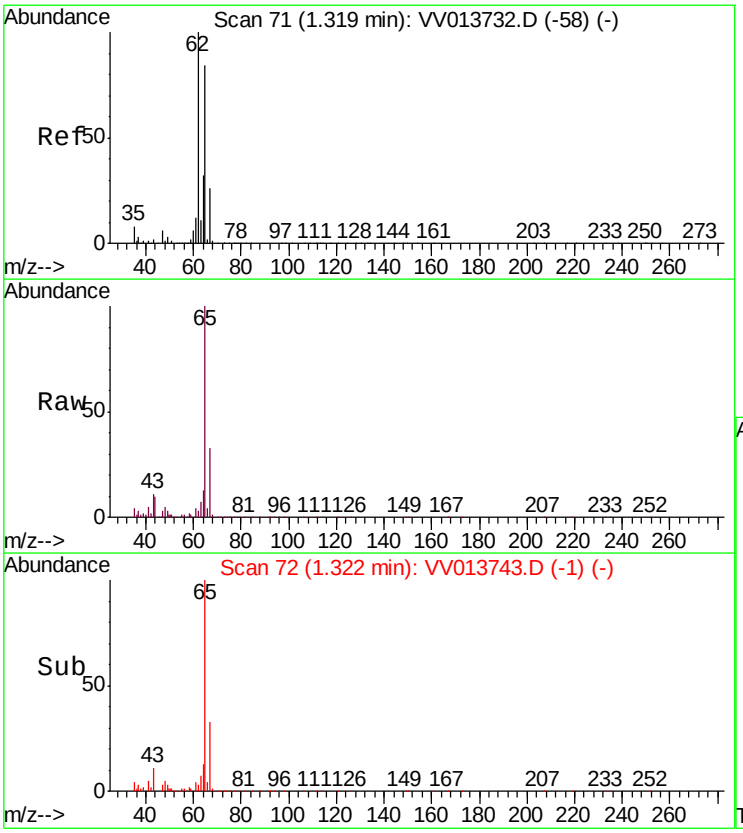
#3
Chloromethane
Concen: 0.117 ug/L
RT: 1.25 min Scan# 51
Delta R.T. 0.00 min
Lab File: VV013743.D
Acq: 22 Nov 2019 18:59

Instrument :
MSVOA_V
ClientSampleId :
B0AC5

Tgt Ion: 50 Resp: 2244

Ion	Ratio	Lower	Upper
50	100		
52	25.4	22.5	41.7

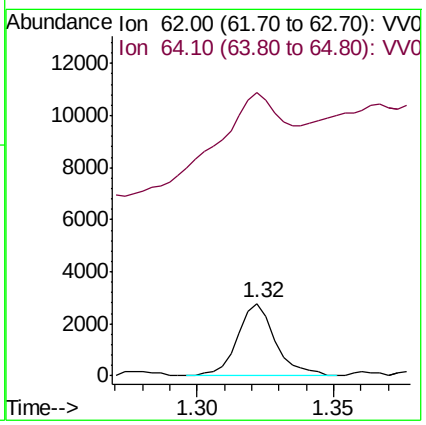


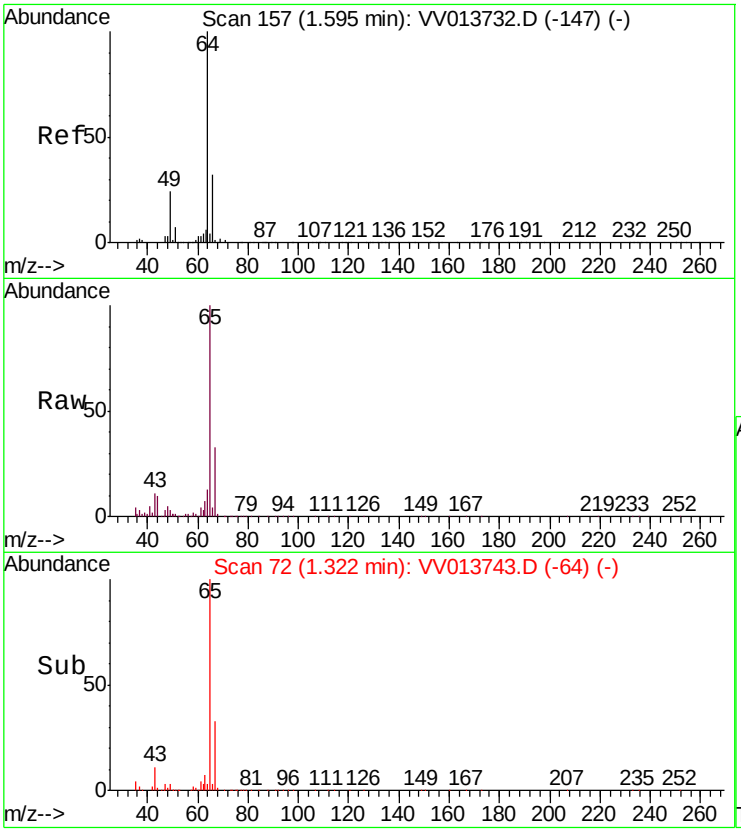


#5
Vinyl chloride
Concen: 0.138 ug/L
RT: 1.32 min Scan# 72
Delta R.T. 0.00 min
Lab File: VV013743.D
Acq: 22 Nov 2019 18:59

Tgt Ion: 62 Resp: 2690

Ion	Ratio	Lower	Upper
62	100		
64	391.9	23.3	43.3#



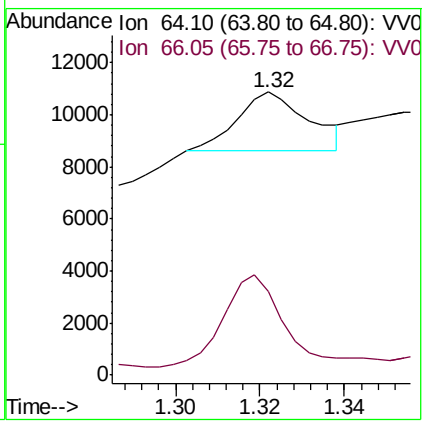


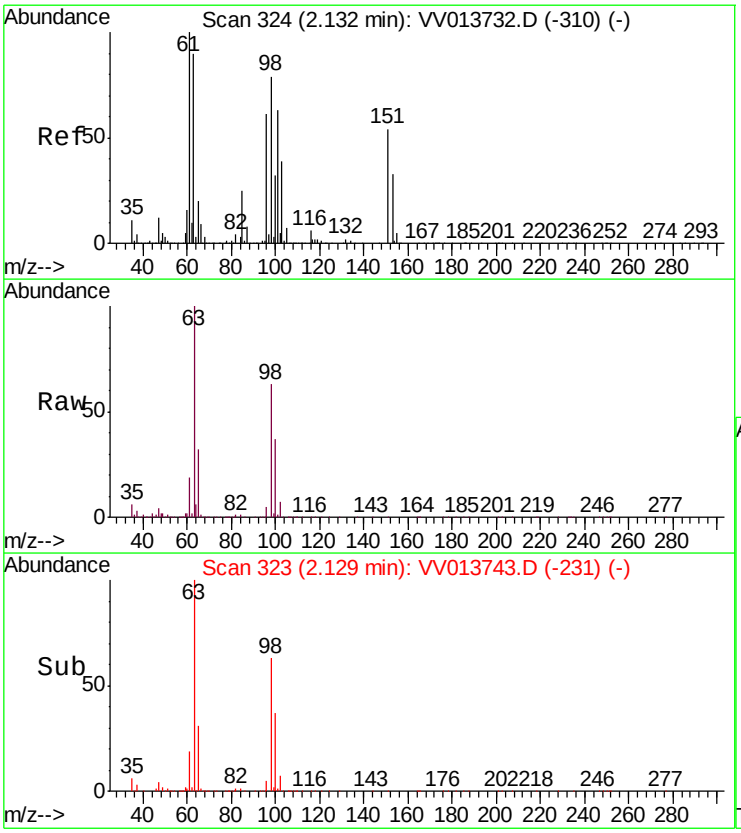
#8
Chloroethane
Concen: 0.225 ug/L
RT: 1.32 min Scan# 72
Delta R.T. -0.27 min
Lab File: VV013743.D
Acq: 22 Nov 2019 18:59

Instrument :
MSVOA_V
ClientSampleId :
B0AC5

Tgt Ion: 64 Resp: 2649

Ion	Ratio	Lower	Upper
64	100		
66	29.6	22.6	42.0

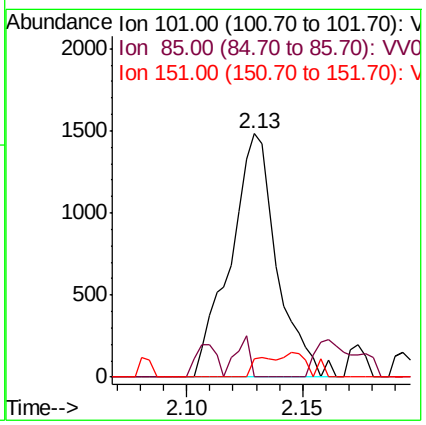


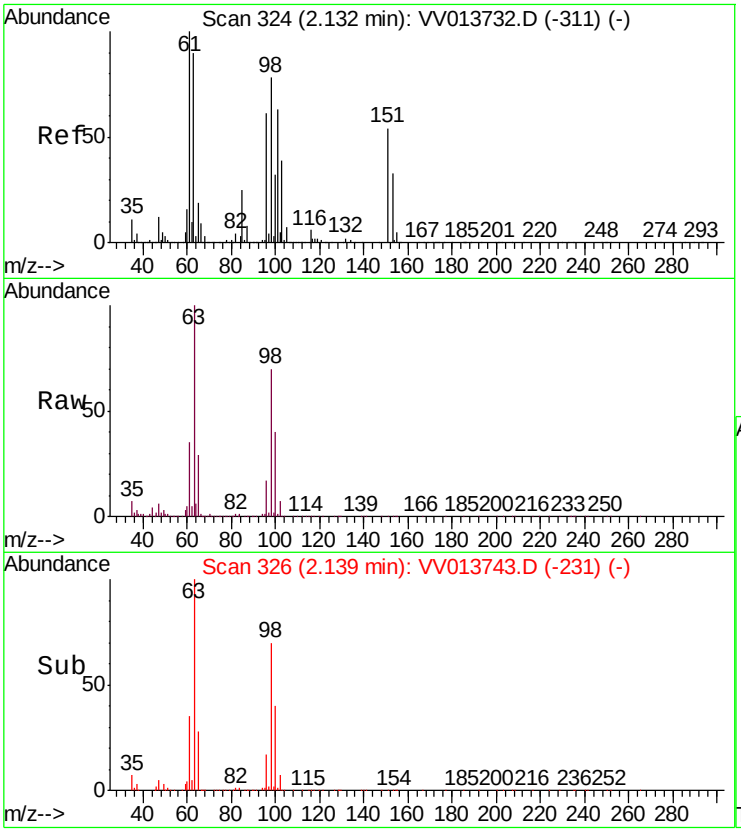


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.115 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.00 min
Lab File: VV013743.D
Acq: 22 Nov 2019 18:59

Tgt Ion:101 Resp: 2074

Ion	Ratio	Lower	Upper
101	100		
85	5.0	33.4	50.0#
151	4.1	69.4	104.0#



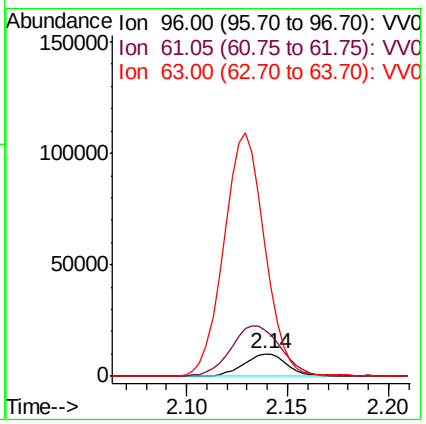


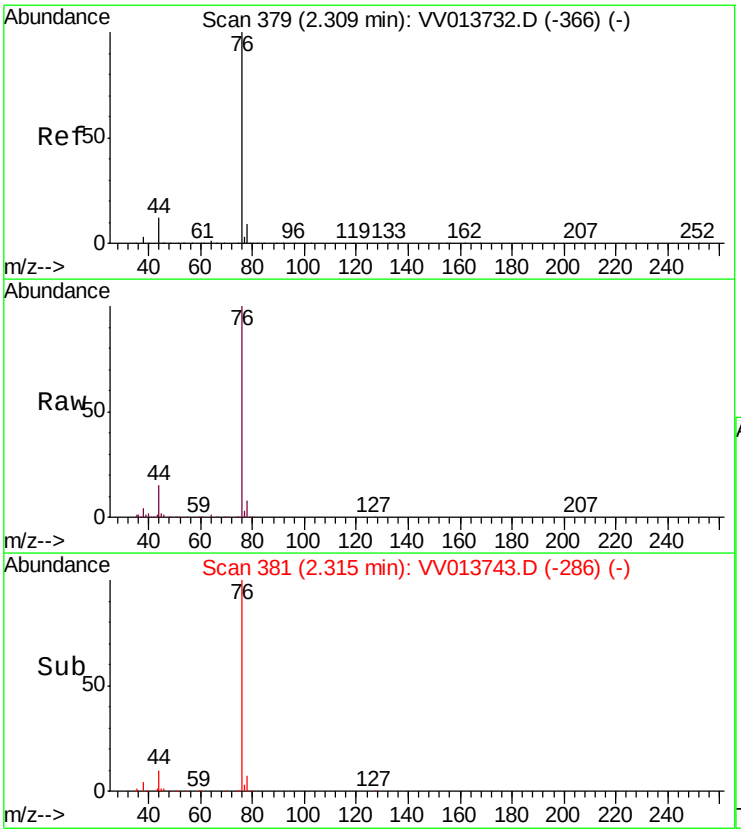
#12
1,1-Dichloroethene
Concen: 0.973 ug/L
RT: 2.14 min Scan# 326
Delta R.T. 0.01 min
Lab File: VV013743.D
Acq: 22 Nov 2019 18:59

Instrument : MSVOA_V
ClientSampleId : B0AC5

Tgt Ion: 96 Resp: 15313

Ion	Ratio	Lower	Upper
96	100		
61	209.3	116.3	215.9
63	593.5	96.7	179.7#

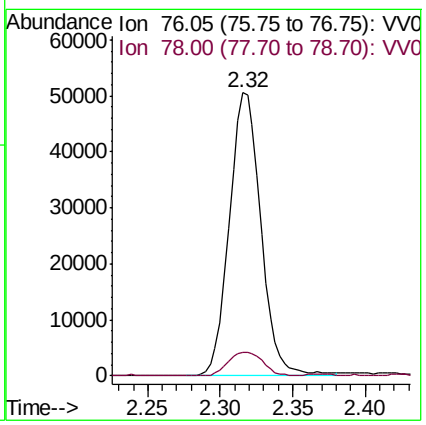


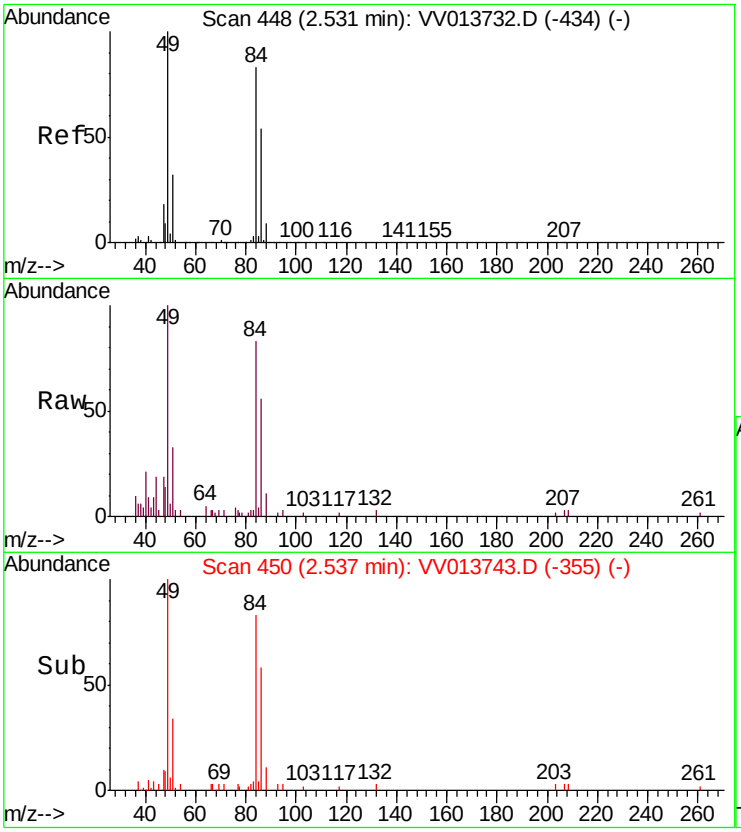


#14
Carbon disulfide
Concen: 2.106 ug/L
RT: 2.32 min Scan# 381
Delta R.T. 0.01 min
Lab File: VV013743.D
Acq: 22 Nov 2019 18:59

Tgt Ion: 76 Resp: 76529

Ion	Ratio	Lower	Upper
76	100		
78	8.1	7.5	11.3



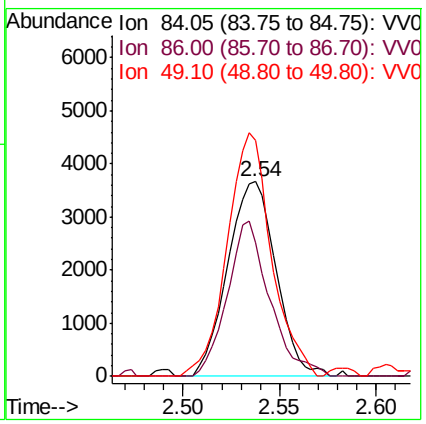


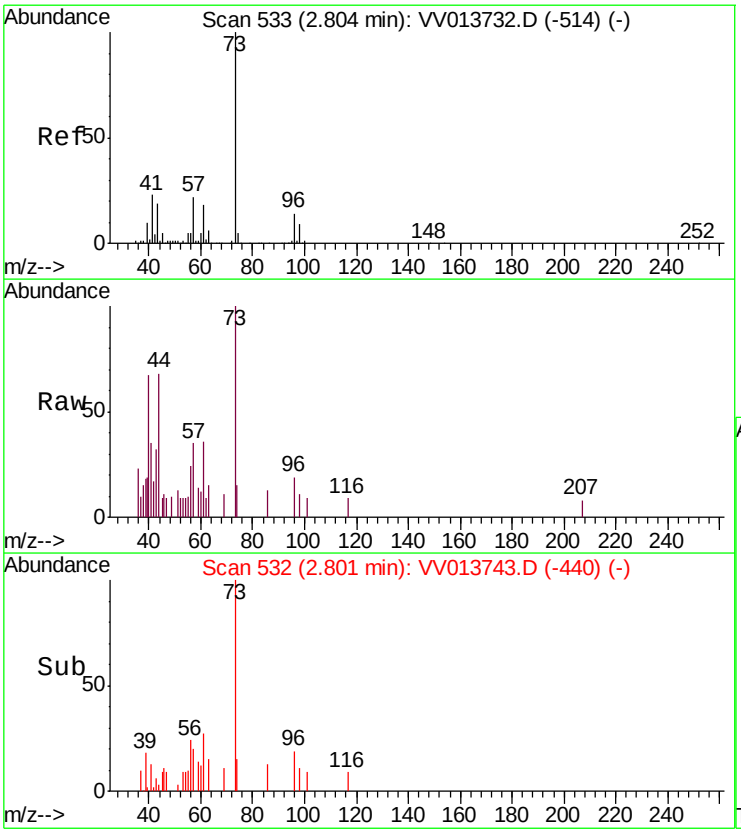
#16
Methylene chloride
Concen: 0.296 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.01 min
Lab File: VV013743.D
Acq: 22 Nov 2019 18:59

Instrument : MSVOA_V
ClientSampleId : B0AC5

Tgt Ion: 84 Resp: 6377

Ion	Ratio	Lower	Upper
84	100		
86	68.3	44.0	81.6
49	120.9	81.5	151.5

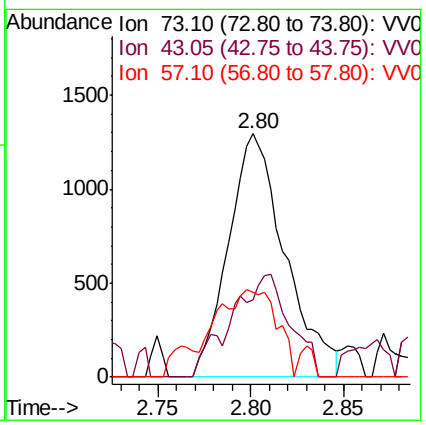


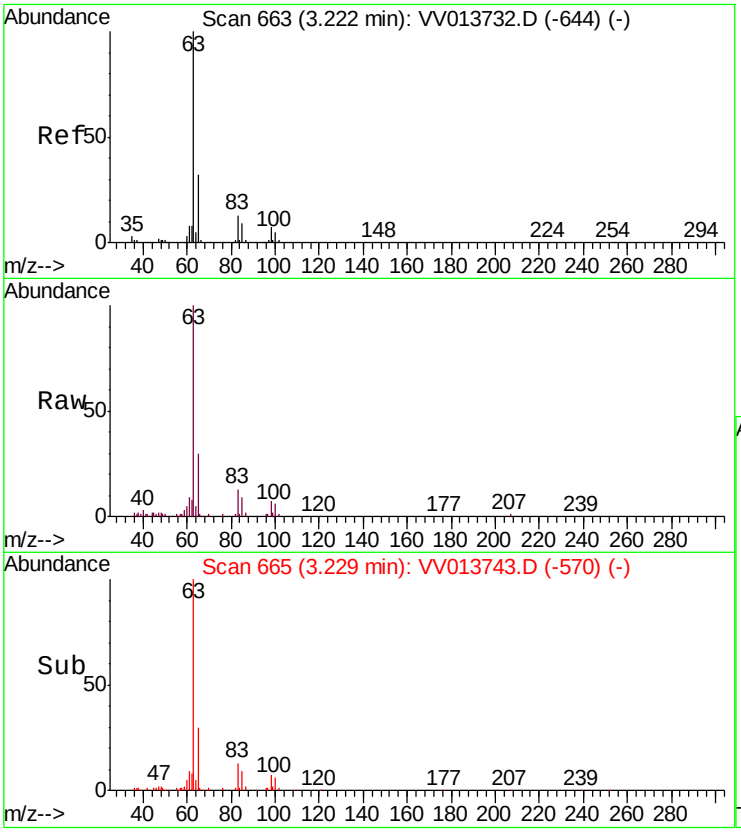


#17
Methyl tert-butyl Ether
Concen: 0.064 ug/L
RT: 2.80 min Scan# 532
Delta R.T. -0.00 min
Lab File: VV013743.D
Acq: 22 Nov 2019 18:59

Tgt Ion: 73 Resp: 2749

Ion	Ratio	Lower	Upper
73	100		
43	43.9	15.5	23.3#
57	37.2	17.5	26.3#



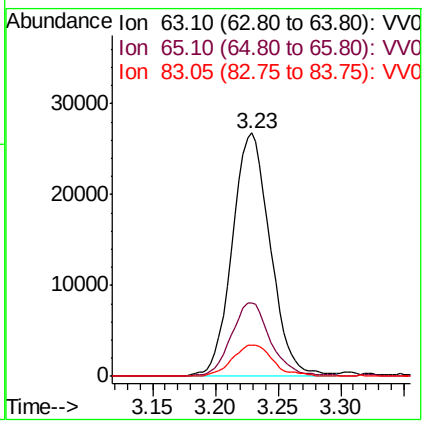


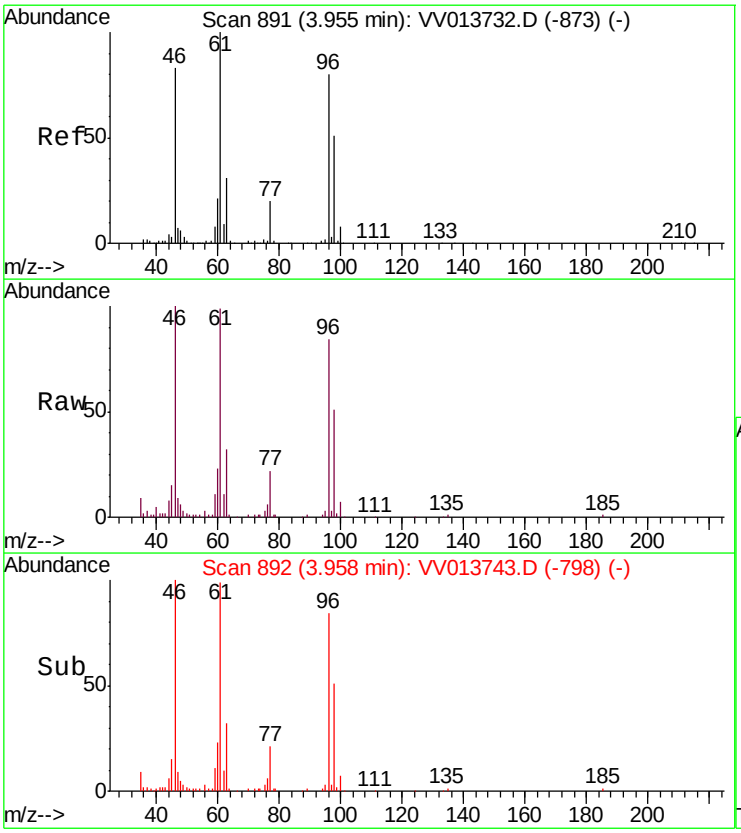
#19
1,1-Dichloroethane
Concen: 1.595 ug/L
RT: 3.23 min Scan# 665
Delta R.T. 0.01 min
Lab File: VV013743.D
Acq: 22 Nov 2019 18:59

Instrument :
MSVOA_V
ClientSampleId :
B0AC5

Tgt Ion: 63 Resp: 56599

Ion	Ratio	Lower	Upper
63	100		
65	30.3	22.7	42.1
83	12.8	9.2	17.2

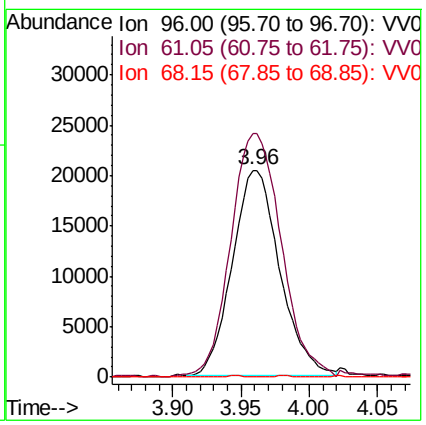


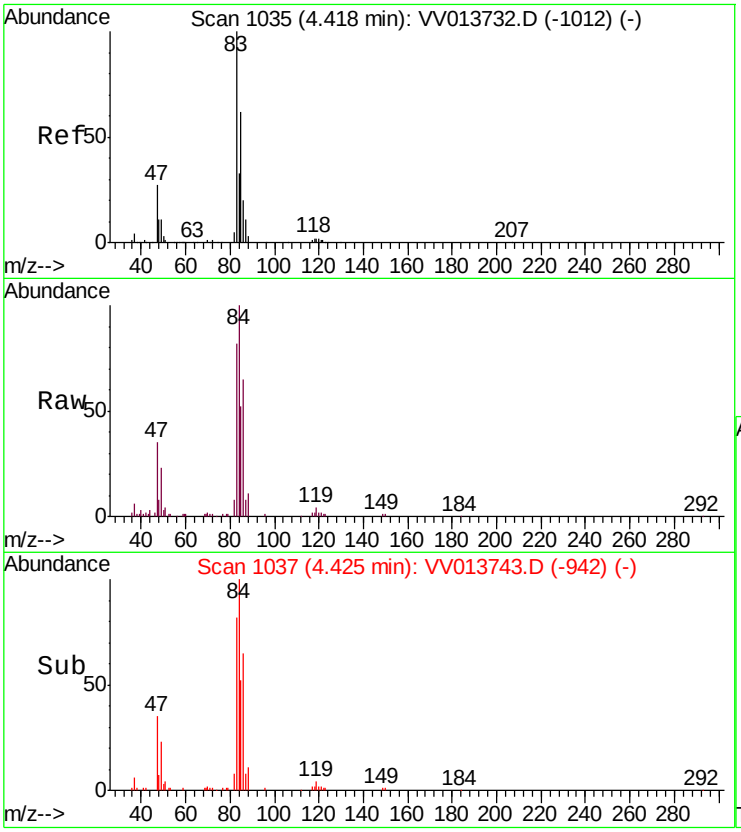


#22
cis-1,2-Dichloroethene
Concen: 2.374 ug/L
RT: 3.96 min Scan# 892
Delta R.T. 0.00 min
Lab File: VV013743.D
Acq: 22 Nov 2019 18:59

Tgt Ion: 96 Resp: 49497

Ion	Ratio	Lower	Upper
96	100		
61	117.9	86.1	159.9
68	0.0	0.0	0.0



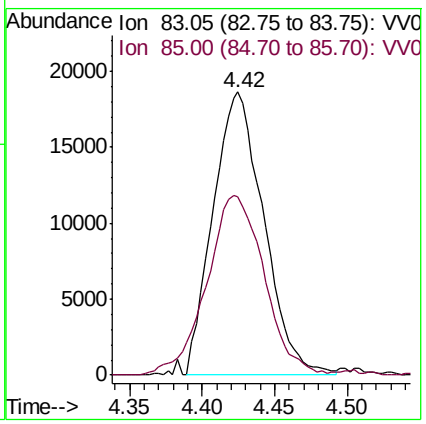


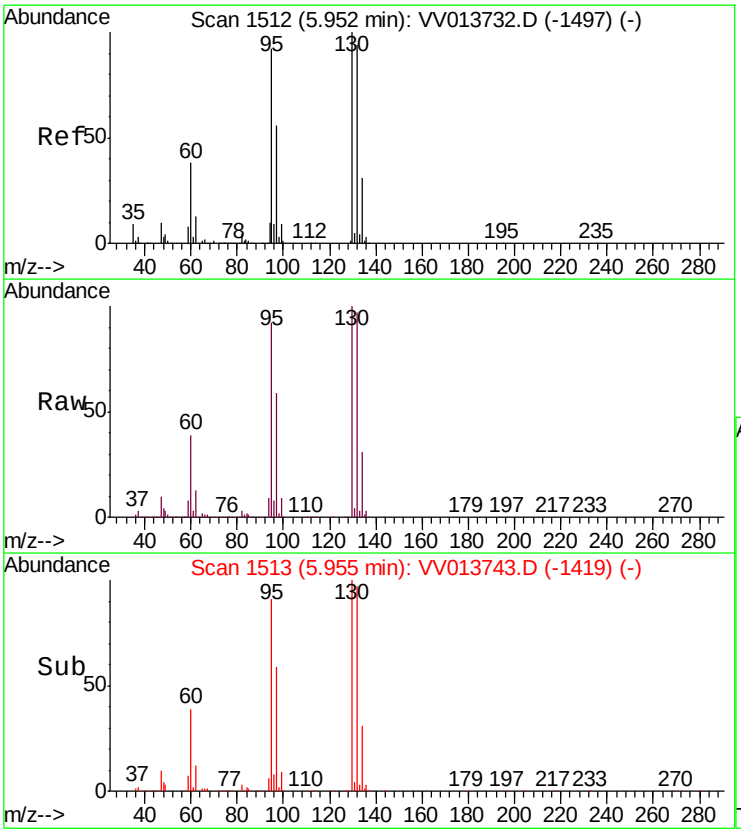
#25
Chloroform
Concen: 1.208 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VV013743.D
Acq: 22 Nov 2019 18:59

Instrument :
MSVOA_V
ClientSampleId :
B0AC5

Tgt Ion: 83 Resp: 45446

Ion	Ratio	Lower	Upper
83	100		
85	62.8	45.1	83.7

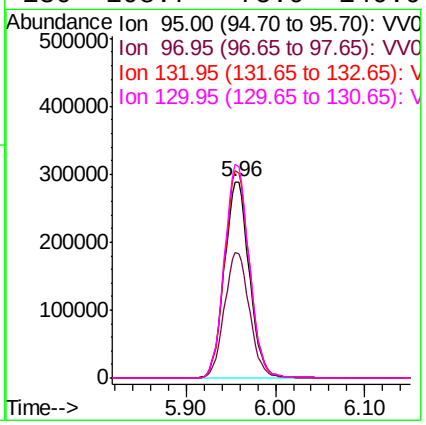


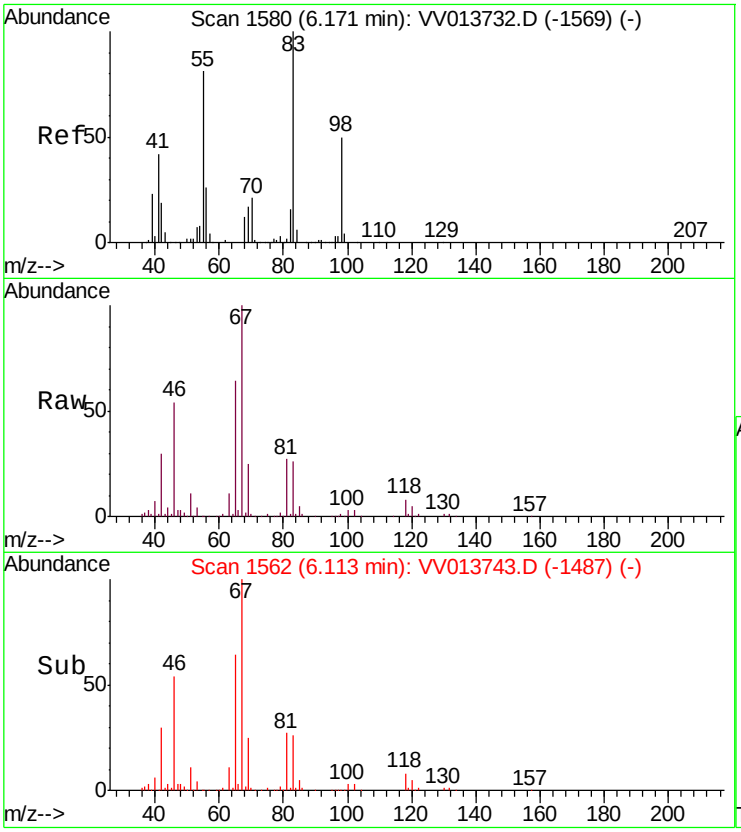


#34
Trichloroethene
Concen: 25.574 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VV013743.D
Acq: 22 Nov 2019 18:59

Tgt Ion: 95 Resp: 560076

Ion	Ratio	Lower	Upper
95	100		
97	63.7	45.6	84.8
132	105.8	70.5	130.9
130	108.7	75.9	140.9



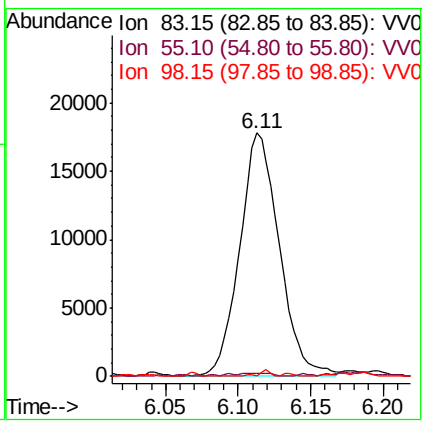


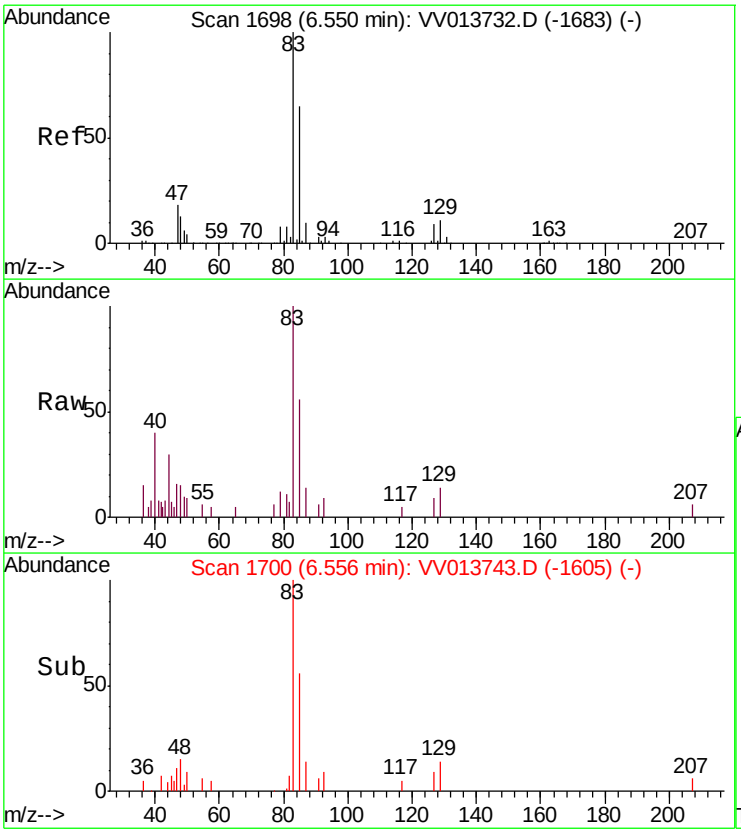
#35
Methylcyclohexane
Concen: 1.159 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV013743.D
Acq: 22 Nov 2019 18:59

Instrument :
MSVOA_V
ClientSampleId :
B0AC5

Tgt Ion: 83 Resp: 33866

Ion	Ratio	Lower	Upper
83	100		
55	0.8	60.3	90.5#
98	0.0	38.1	57.1#

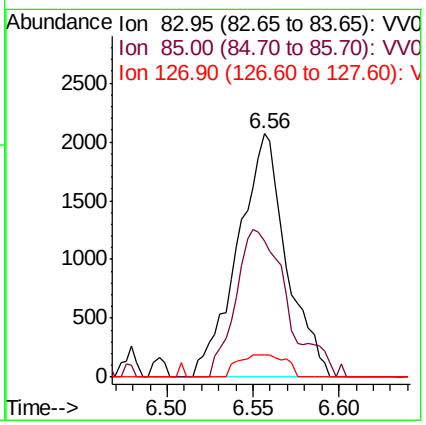


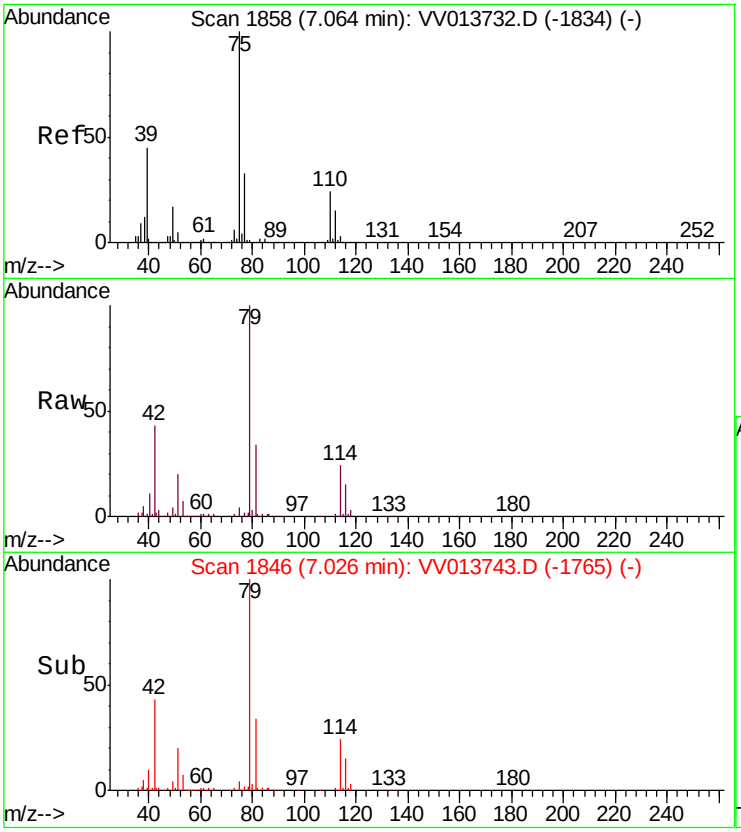


#38
Bromodichloromethane
Concen: 0.151 ug/L
RT: 6.56 min Scan# 1700
Delta R.T. 0.01 min
Lab File: VV013743.D
Acq: 22 Nov 2019 18:59

Tgt Ion: 83 Resp: 4078

Ion	Ratio	Lower	Upper
83	100		
85	56.1	46.1	85.5
127	9.0	7.5	11.3



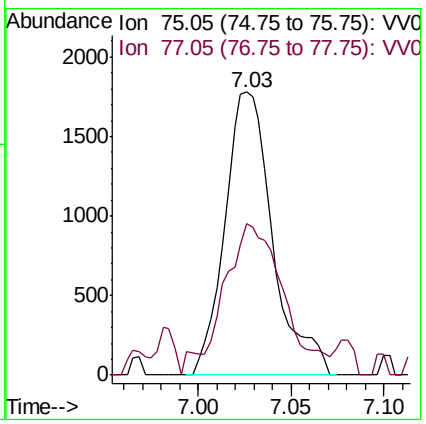


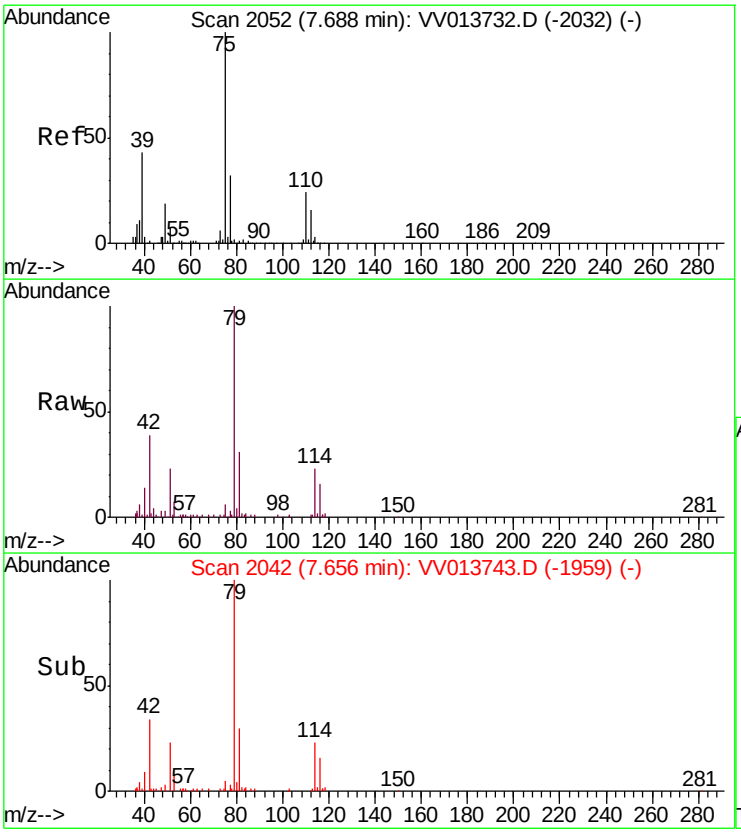
#39
cis-1,3-Dichloropropene
Concen: 0.110 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.04 min
Lab File: VV013743.D
Acq: 22 Nov 2019 18:59

Instrument :
MSVOA_V
ClientSampleId :
B0AC5

Tgt Ion: 75 Resp: 3198

Ion	Ratio	Lower	Upper
75	100		
77	53.3	22.5	41.9#

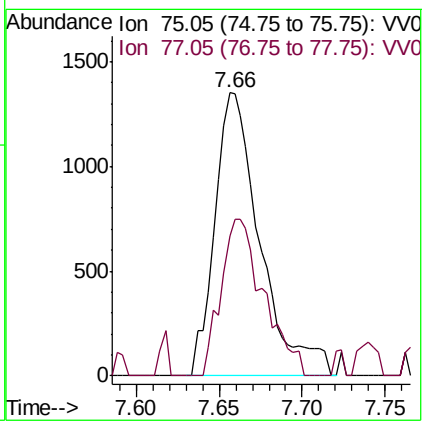


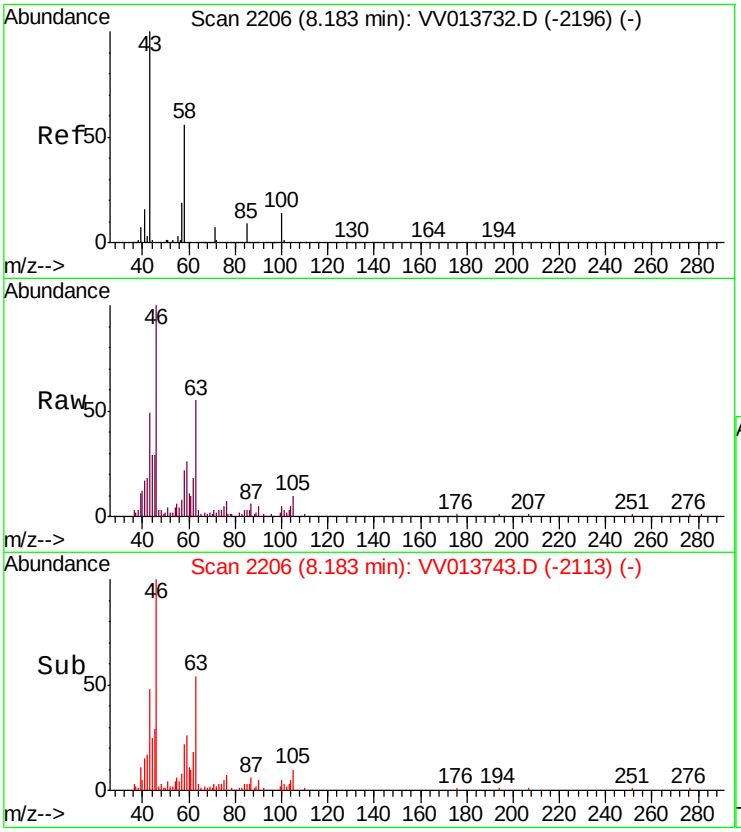


#44
trans-1,3-Dichloropropene
Concen: 0.113 ug/L
RT: 7.66 min Scan# 2042
Delta R.T. -0.03 min
Lab File: VV013743.D
Acq: 22 Nov 2019 18:59

Tgt Ion: 75 Resp: 2561

Ion	Ratio	Lower	Upper
75	100		
77	49.4	23.0	42.8#





#48
2-Hexanone
Concen: 1.550 ug/L
RT: 8.18 min Scan# 2206
Delta R.T. 0.00 min
Lab File: VV013743.D
Acq: 22 Nov 2019 18:59

Instrument :
MSVOA_V
ClientSampleId :
B0AC5

Tgt Ion: 43 Resp: 13173

Ion	Ratio	Lower	Upper
43	100		
58	36.7	43.2	64.8#
57	14.5	15.4	23.2#
100	11.6	10.4	15.6