Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112519\

Quantitation Report (Not Reviewed)

Data File : VV013772.D
Acq On : 25 Nov 2019 18:08
Operator : SY/MD
Sample : K6004-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : B0AE0

Quant Time: Nov 26 04:42:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 26 04:36:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	350177	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	346473	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	148223	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	95481	4.40	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.00%			
7) Chloroethane-d5	1.58	69	88427	4.80	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.00%			
11) 1,1-Dichloroethene-d2	2.13	63	203753	5.58	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 111.60%			
20) 2-Butanone-d5	3.92	46	237117	52.63	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 105.26%			
24) Chloroform-d	4.40	84	204954	4.69	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.80%			
26) 1,2-Dichloroethane-d4	5.08	65	102771	4.94	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.80%			
32) Benzene-d6	5.10	84	398952	4.46	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.20%			
36) 1,2-Dichloropropane-d6	6.11	67	124577	4.68	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.60%			
41) Toluene-d8	7.36	98	326709	3.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 78.00%			
43) trans-1,3-Dichloropropene-	7.66	79	41168	3.97	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 79.40%			
46) 2-Hexanone-d5	8.13	63	174748	45.69	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.38%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	93486	5.06	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.20%			
64) 1,2-Dichlorobenzene-d4	11.67	152	137716	5.26	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 105.20%			
Target Compounds						Qvalue
3) Chloromethane	1.25	50	3368	0.164	ug/L #	78
5) Vinyl chloride	1.32	62	44288	2.117	ug/L #	1
8) Chloroethane	1.77	64	2953	0.234	ug/L #	51
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1721	0.089	ug/L #	20
12) 1,1-Dichloroethene	2.14	96	148598	8.826	ug/L	84
13) Acetone	2.30	43	5407	1.716	ug/L	77
14) Carbon disulfide	2.32	76	17274	0.444	ug/L	100
18) trans-1,2-Dichloroethene	2.79	96	2722	0.143	ug/L #	79
19) 1,1-Dichloroethane	3.23	63	75984	2.002	ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	587092	26.333	ug/L	99
27) 1,2-Dichloroethane	5.10	62	2118	0.092	ug/L	95
34) Trichloroethene	5.96	95	1824165	77.806	ug/L	98
35) Methylcyclohexane	6.12	83	31147	0.996	ug/L #	19
37) 1,2-Dichloropropane	6.22	63	4385	0.201	ug/L #	91
39) cis-1,3-Dichloropropene	7.03	75	2829	0.091	ug/L #	72
44) trans-1,3-Dichloropropene	7.66	75	1852	0.076	ug/L	90
47) Tetrachloroethene	8.02	164	2176	0.107	ug/L	91

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112519\

Quantitation Report (Not Reviewed)

Data File : VV013772.D
Acq On : 25 Nov 2019 18:08
Operator : SY/MD
Sample : K6004-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : B0AE0

Quant Time: Nov 26 04:42:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 26 04:36:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 2-Hexanone	8.13	43	26710	2.936	ug/L #	69

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112519\

Quantitation Report (Not Reviewed)

Data File : VV013772.D
Acq On : 25 Nov 2019 18:08
Operator : SY/MD
Sample : K6004-02
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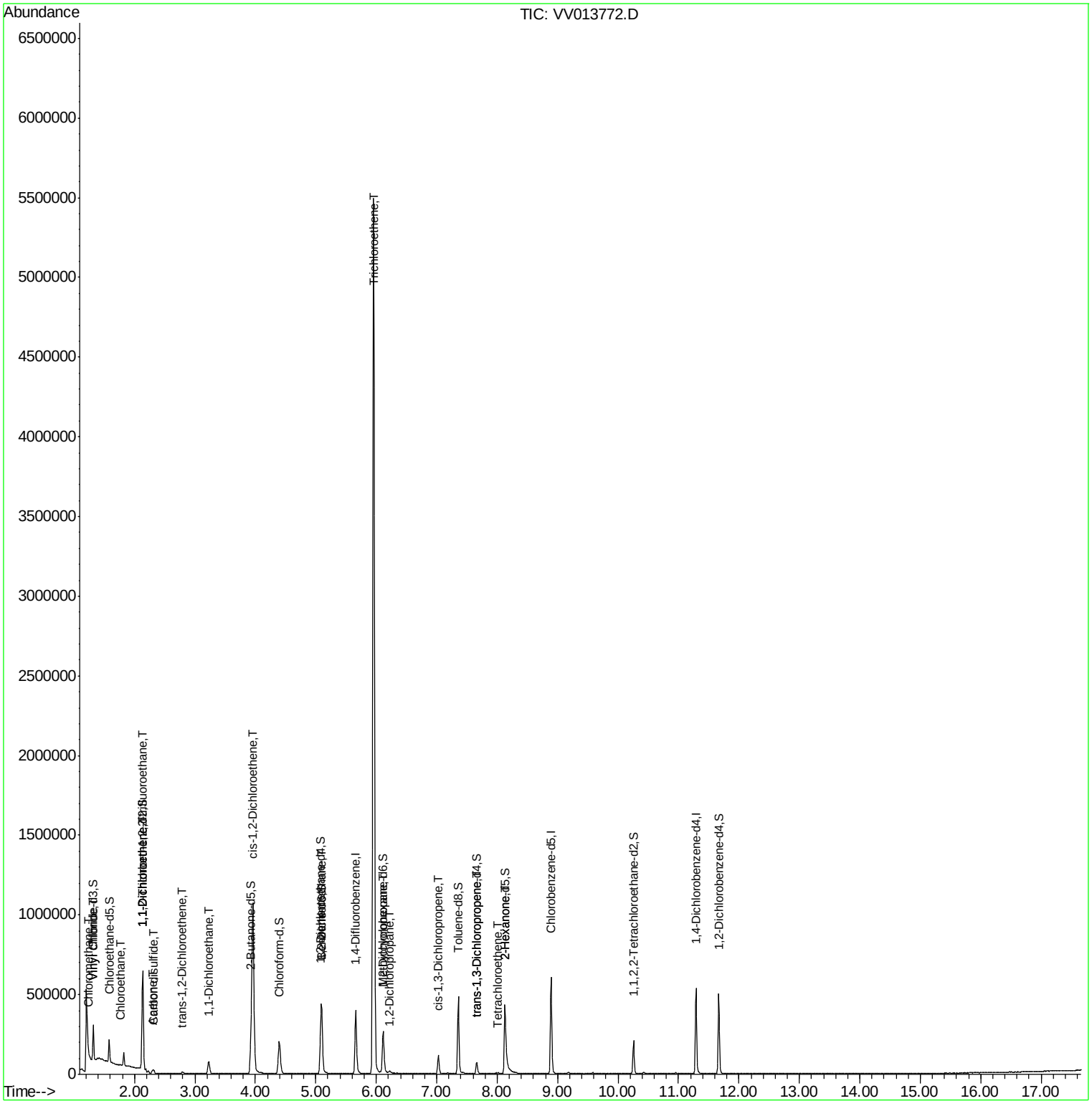
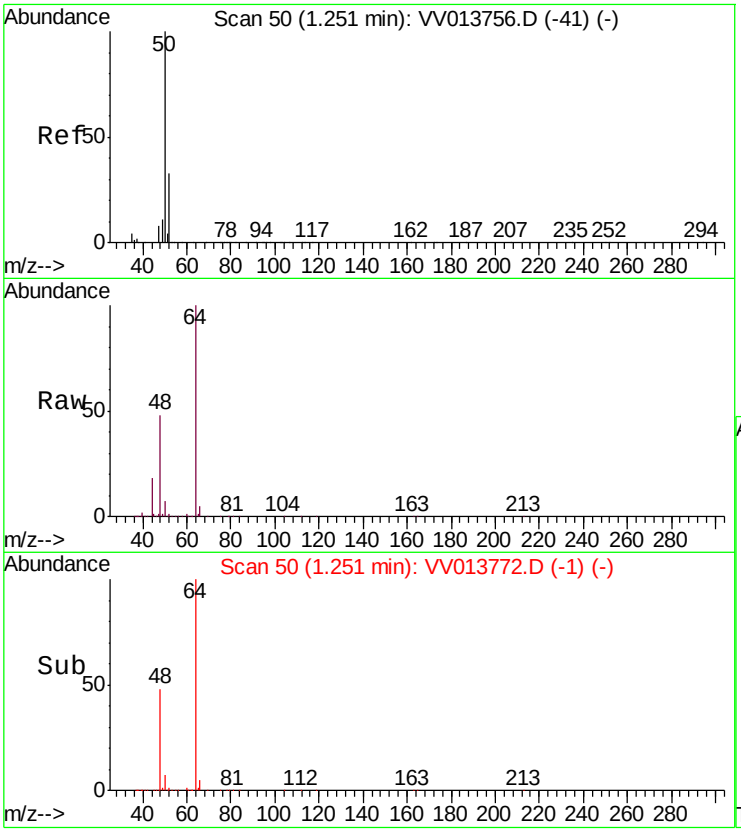
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 26 04:36:55 2019
Response via : Initial Calibration



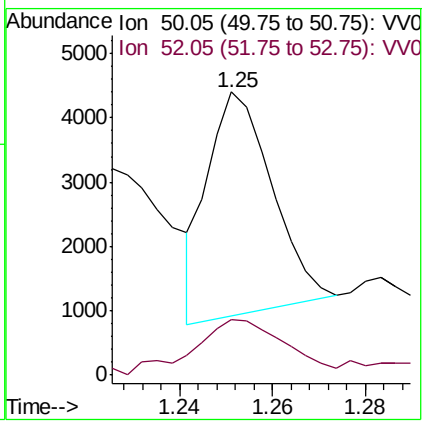


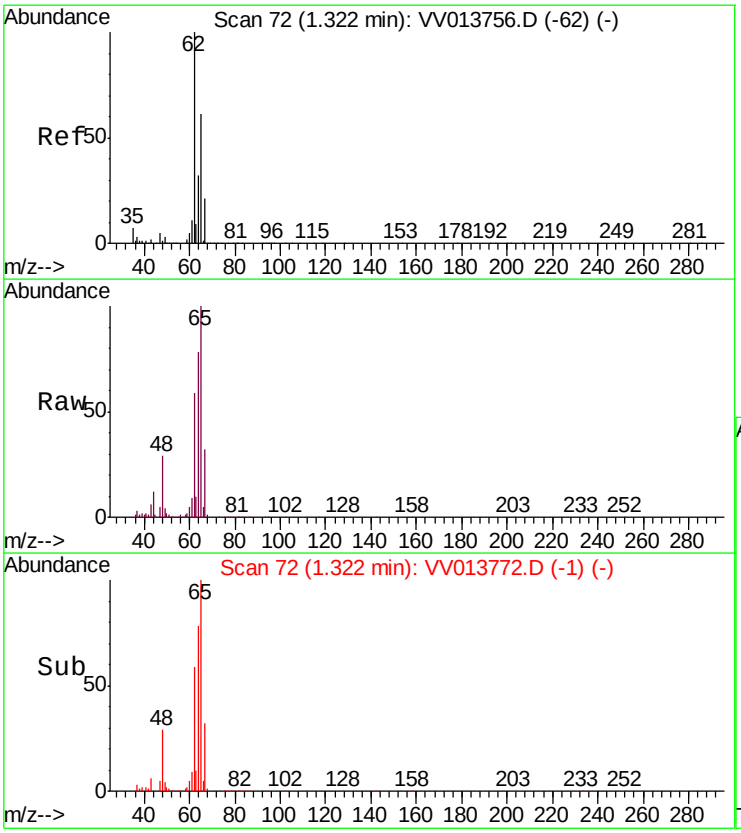
#3
Chloromethane
Concen: 0.164 ug/L
RT: 1.25 min Scan# 50
Delta R.T. 0.00 min
Lab File: VV013772.D
Acq: 25 Nov 2019 18:08

Instrument :
MSVOA_V
ClientSampleId :
B0AE0

Tgt Ion: 50 Resp: 3368

Ion	Ratio	Lower	Upper
50	100		
52	19.6	22.5	41.7#

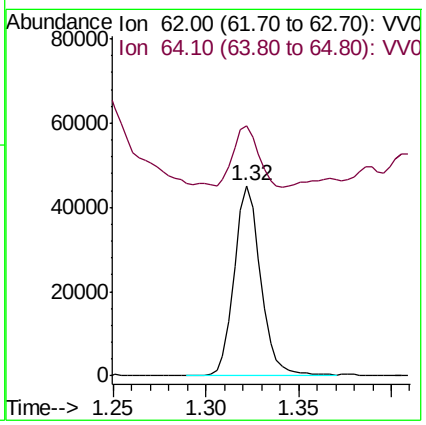


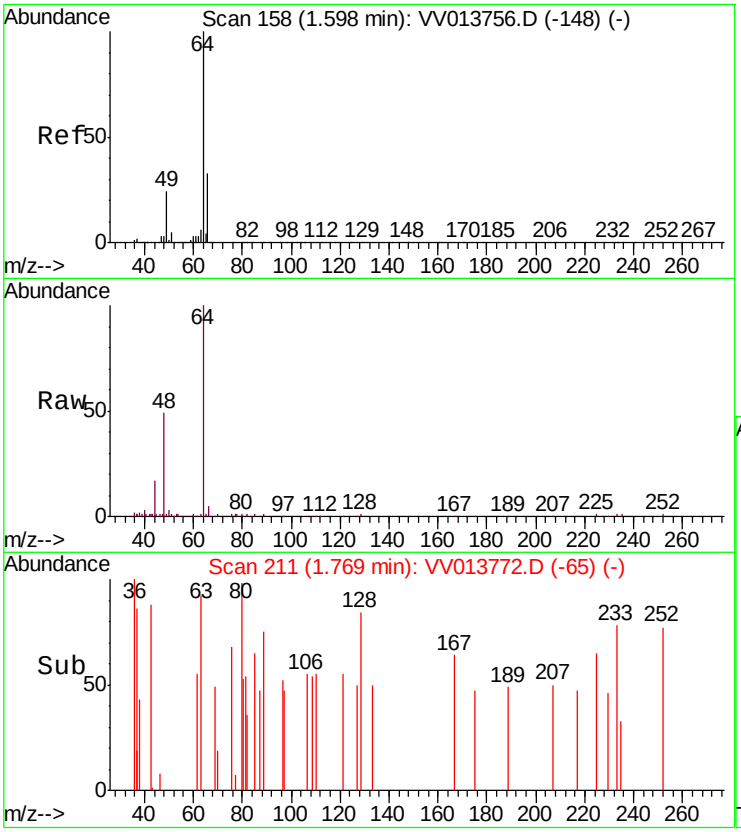


#5
Vinyl chloride
Concen: 2.117 ug/L
RT: 1.32 min Scan# 72
Delta R.T. 0.00 min
Lab File: VV013772.D
Acq: 25 Nov 2019 18:08

Tgt Ion: 62 Resp: 44288

Ion	Ratio	Lower	Upper
62	100		
64	131.6	23.3	43.3#



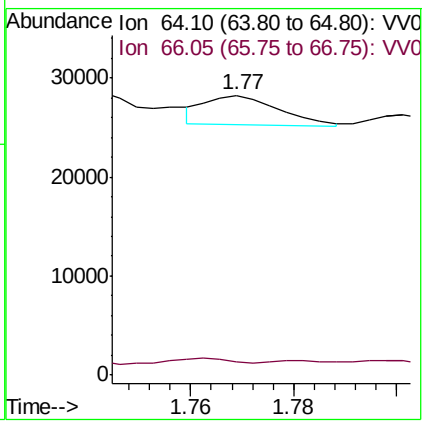


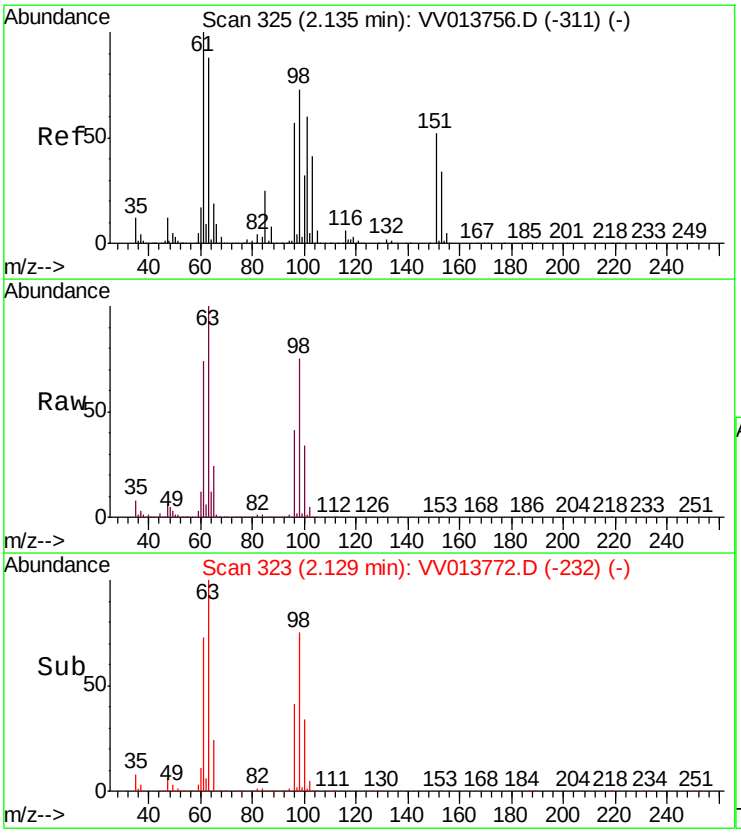
#8
Chloroethane
Concen: 0.234 ug/L
RT: 1.77 min Scan# 211
Delta R.T. 0.17 min
Lab File: VV013772.D
Acq: 25 Nov 2019 18:08

Instrument :
MSVOA_V
ClientSampleId :
B0AE0

Tgt Ion: 64 Resp: 2953

Ion	Ratio	Lower	Upper
64	100		
66	4.8	22.6	42.0#

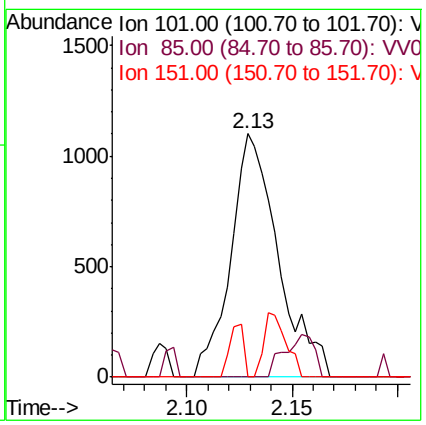


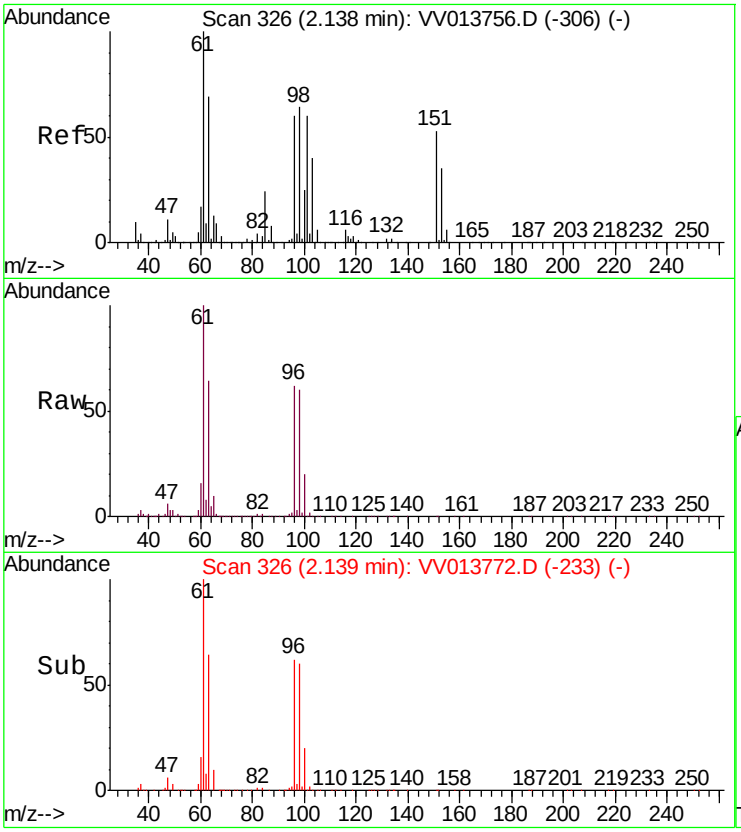


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.089 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.01 min
Lab File: VV013772.D
Acq: 25 Nov 2019 18:08

Tgt Ion:101 Resp: 1721

Ion	Ratio	Lower	Upper
101	100		
85	0.0	33.4	50.0#
151	6.4	69.4	104.0#



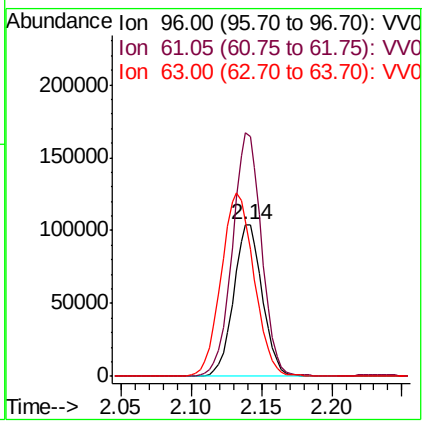


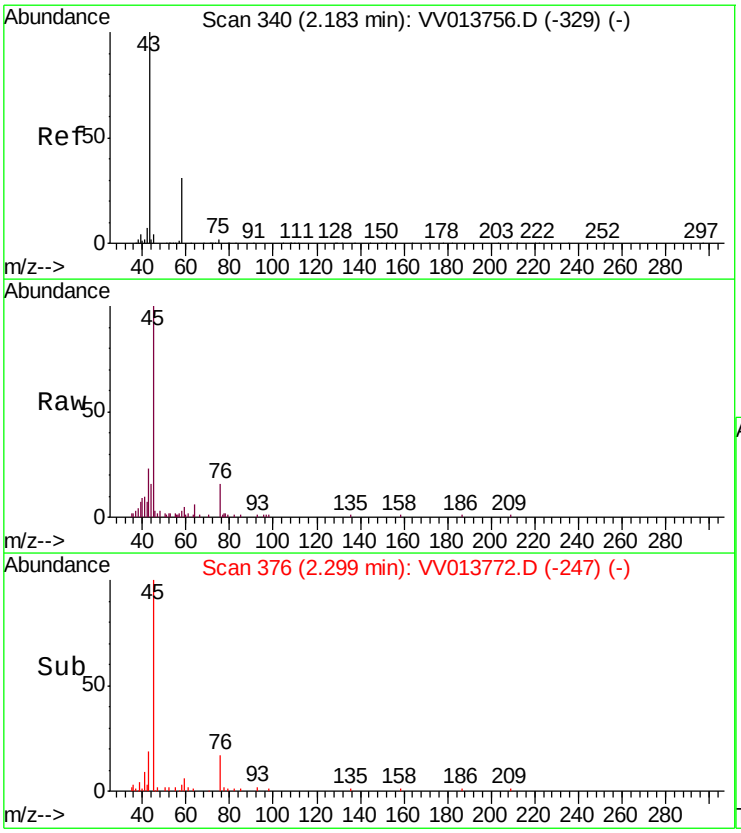
#12
1,1-Dichloroethene
Concen: 8.826 ug/L
RT: 2.14 min Scan# 326
Delta R.T. 0.00 min
Lab File: VV013772.D
Acq: 25 Nov 2019 18:08

Instrument :
MSVOA_V
ClientSampleId :
B0AE0

Tgt Ion: 96 Resp: 148598

Ion	Ratio	Lower	Upper
96	100		
61	160.3	116.3	215.9
63	102.3	96.7	179.7

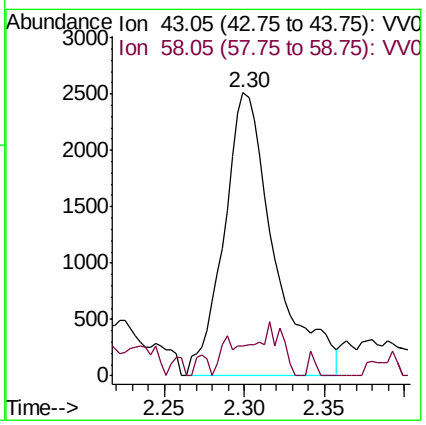


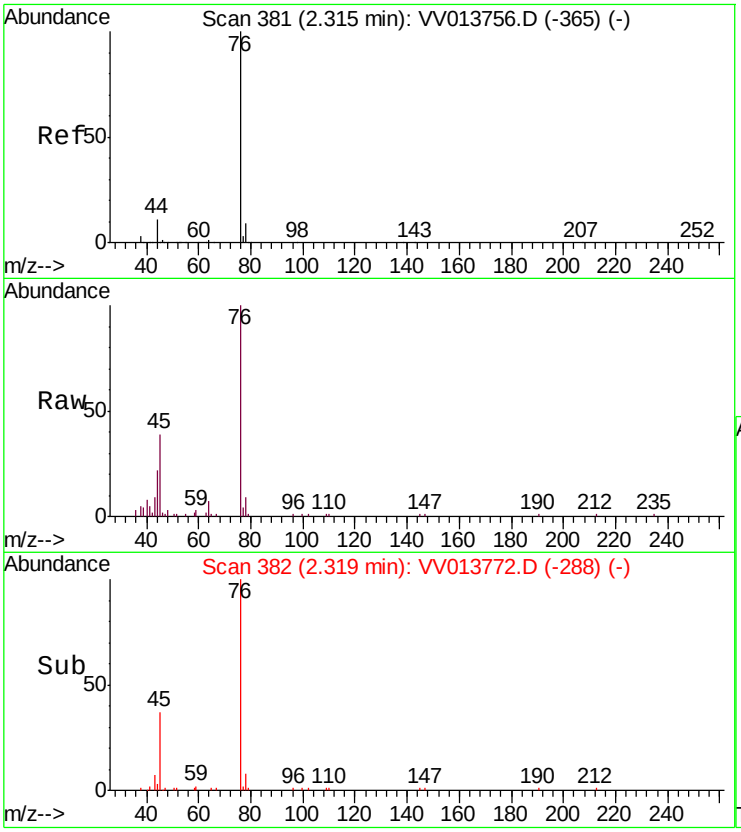


#13
Acetone
Concen: 1.716 ug/L
RT: 2.30 min Scan# 376
Delta R.T. 0.12 min
Lab File: VV013772.D
Acq: 25 Nov 2019 18:08

Tgt Ion: 43 Resp: 5407

Ion	Ratio	Lower	Upper
43	100		
58	4.4	0.0	27.2



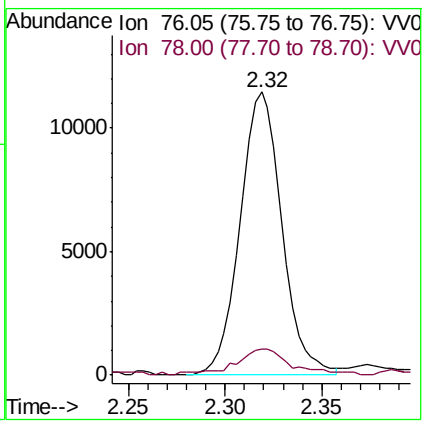


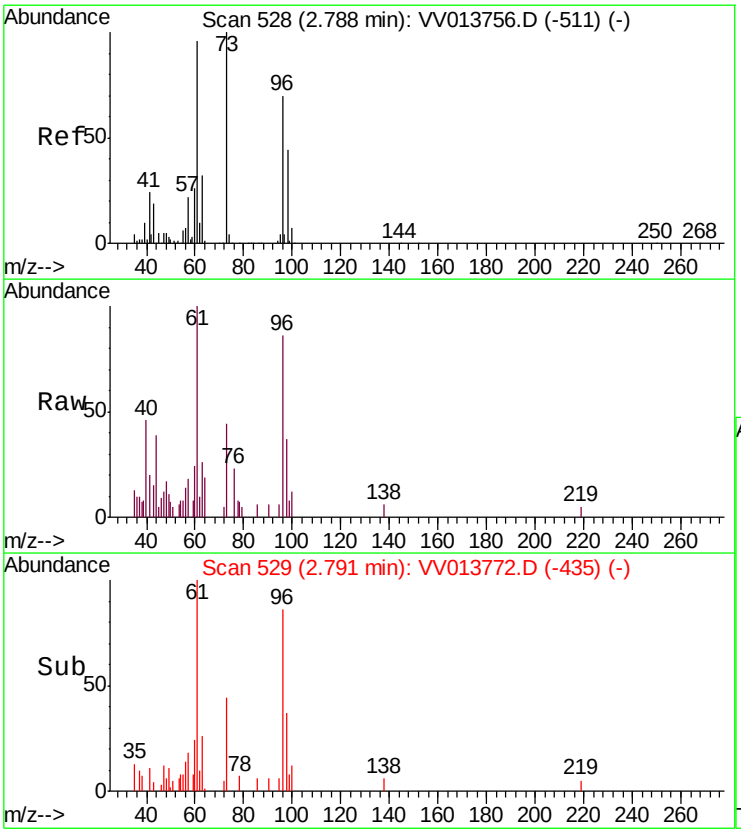
#14
Carbon disulfide
Concen: 0.444 ug/L
RT: 2.32 min Scan# 382
Delta R.T. 0.00 min
Lab File: VV013772.D
Acq: 25 Nov 2019 18:08

Instrument :
MSVOA_V
ClientSampleId :
B0AE0

Tgt Ion: 76 Resp: 17274

Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.5	11.3

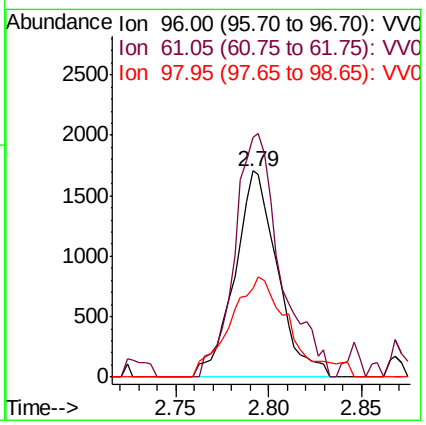


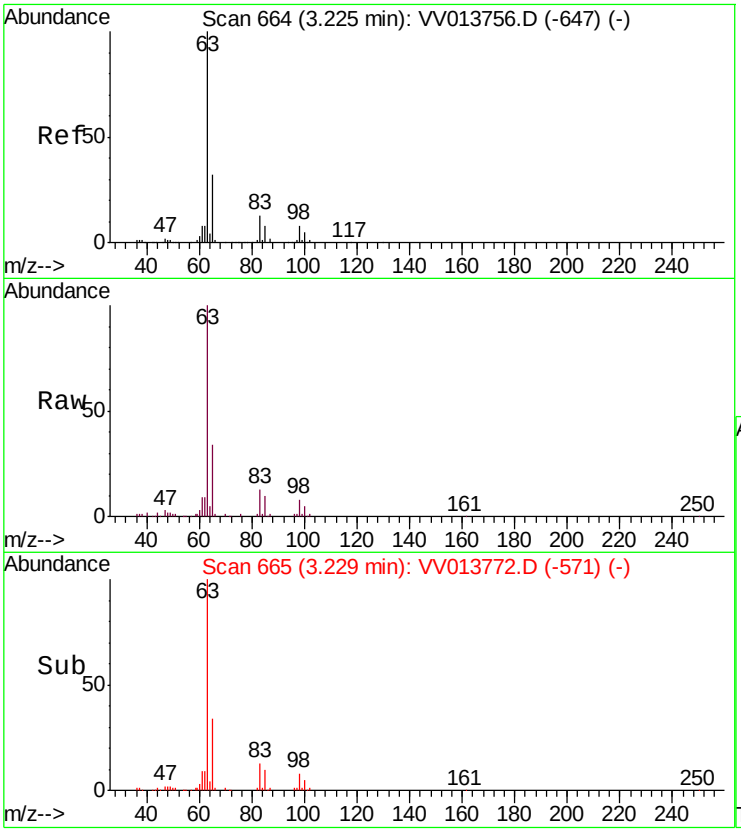


#18
trans-1,2-Dichloroethene
Concen: 0.143 ug/L
RT: 2.79 min Scan# 529
Delta R.T. 0.00 min
Lab File: VV013772.D
Acq: 25 Nov 2019 18:08

Tgt Ion: 96 Resp: 2722

Ion	Ratio	Lower	Upper
96	100		
61	116.0	95.1	176.7
98	42.7	46.5	86.3#



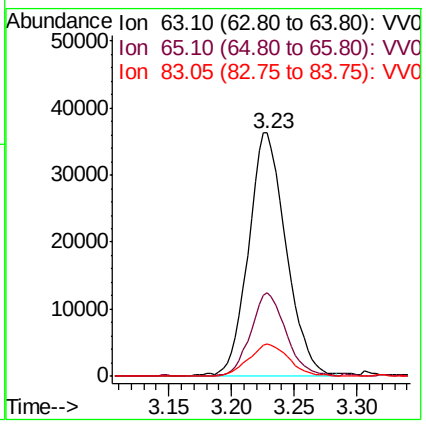


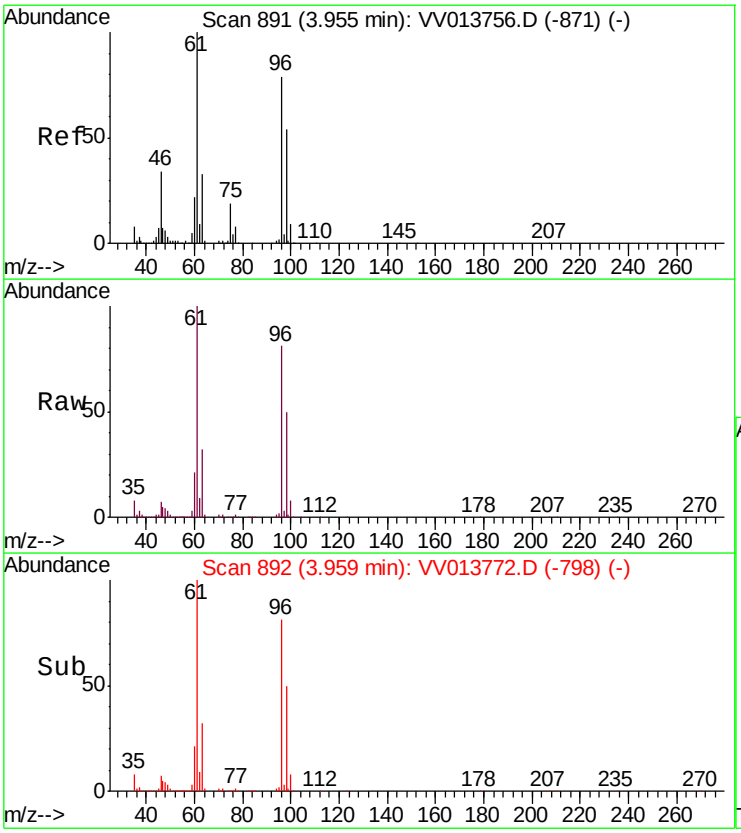
#19
1,1-Dichloroethane
Concen: 2.002 ug/L
RT: 3.23 min Scan# 665
Delta R.T. 0.00 min
Lab File: VV013772.D
Acq: 25 Nov 2019 18:08

Instrument :
MSVOA_V
ClientSampleId :
B0AE0

Tgt Ion: 63 Resp: 75984

Ion	Ratio	Lower	Upper
63	100		
65	34.3	22.7	42.1
83	13.2	9.2	17.2

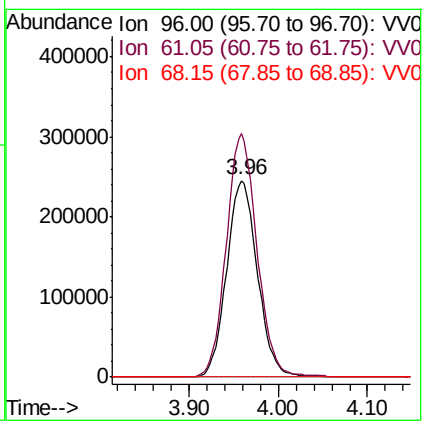


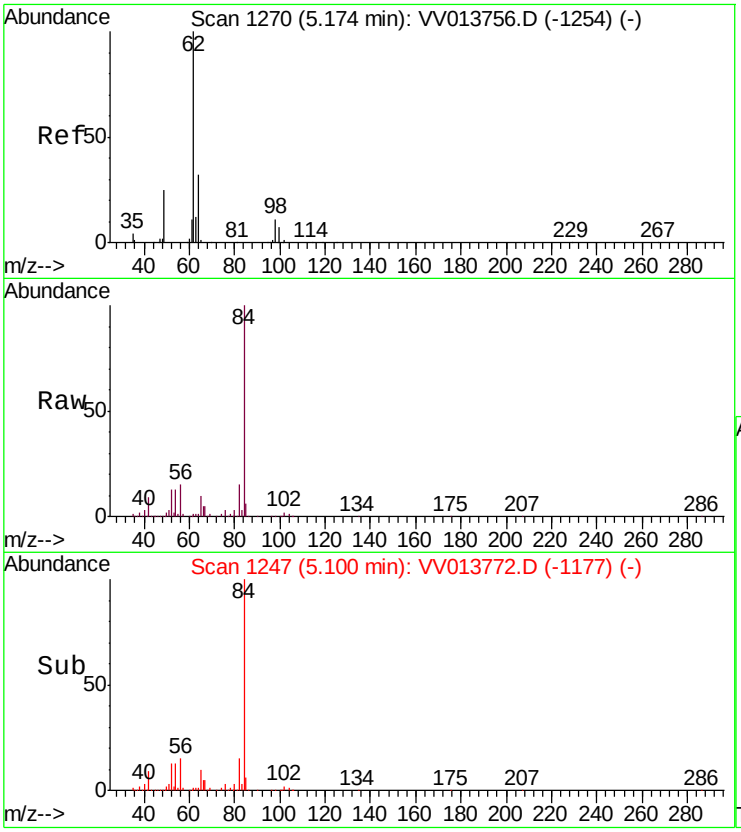


#22
cis-1,2-Dichloroethene
Concen: 26.333 ug/L
RT: 3.96 min Scan# 892
Delta R.T. 0.00 min
Lab File: VV013772.D
Acq: 25 Nov 2019 18:08

Tgt Ion: 96 Resp: 587092

Ion	Ratio	Lower	Upper
96	100		
61	124.0	86.1	159.9
68	0.0	0.0	0.0



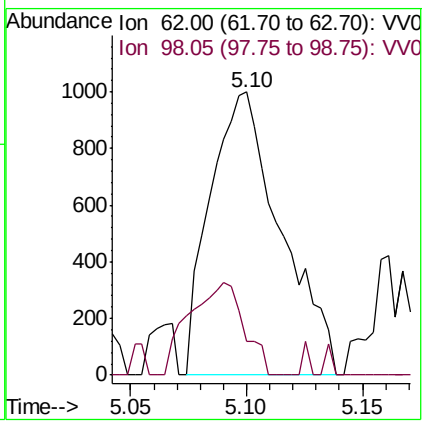


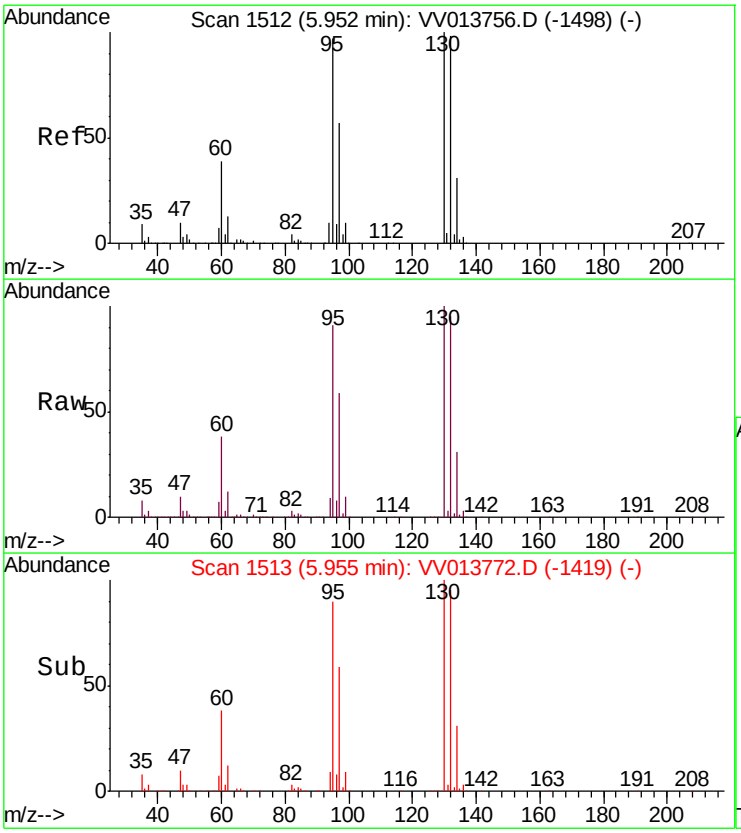
#27
1,2-Dichloroethane
Concen: 0.092 ug/L
RT: 5.10 min Scan# 1247
Delta R.T. -0.07 min
Lab File: VV013772.D
Acq: 25 Nov 2019 18:08

Instrument : MSVOA_V
ClientSampleId : B0AE0

Tgt Ion: 62 Resp: 2118

Ion	Ratio	Lower	Upper
62	100		
98	12.1	8.2	12.2

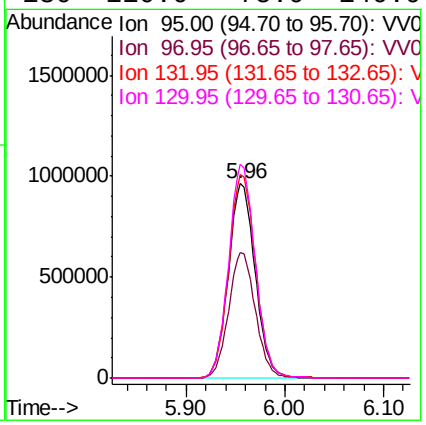


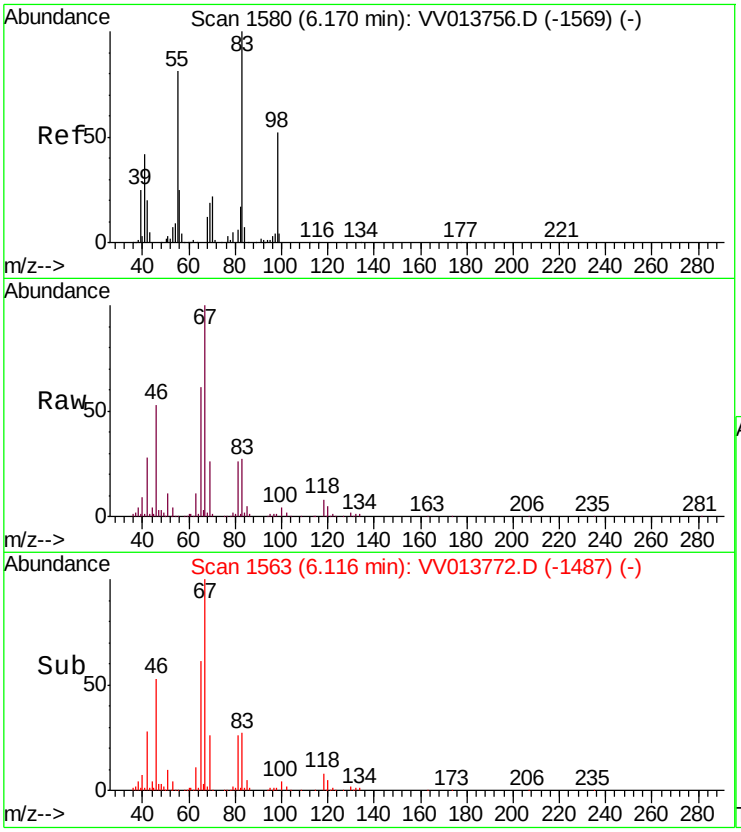


#34
Trichloroethene
Concen: 77.806 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VV013772.D
Acq: 25 Nov 2019 18:08

Tgt Ion: 95 Resp: 1824165

Ion	Ratio	Lower	Upper
95	100		
97	64.9	45.6	84.8
132	104.8	70.5	130.9
130	110.0	75.9	140.9



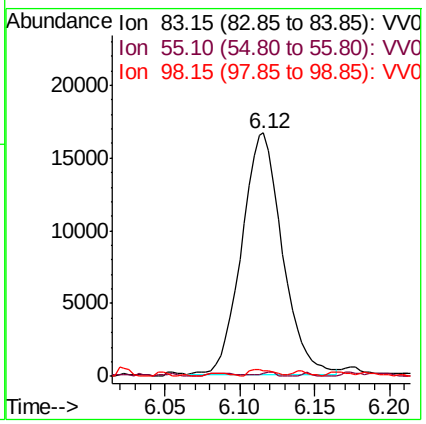


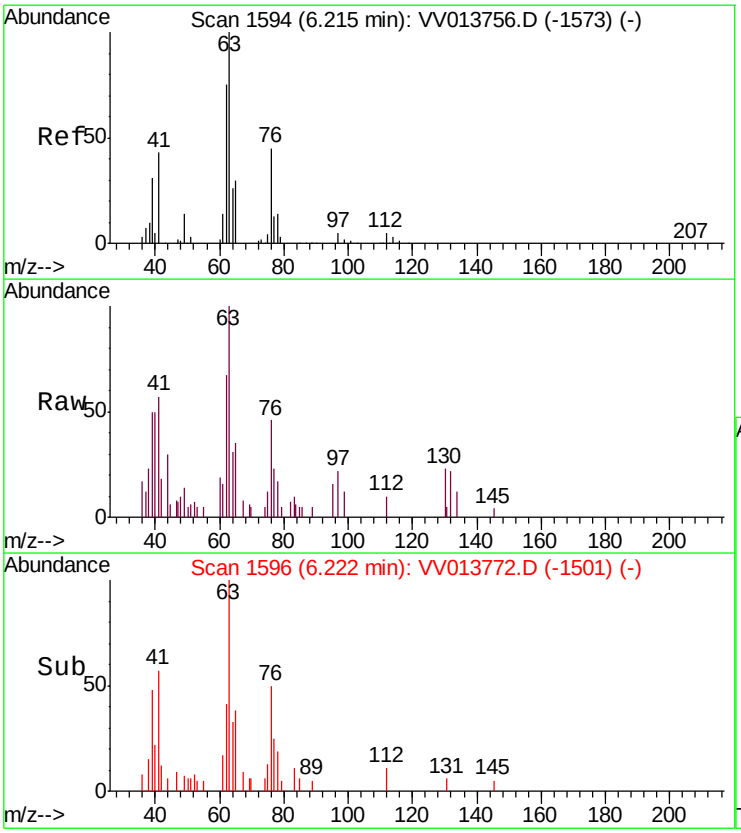
#35
Methylcyclohexane
Concen: 0.996 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV013772.D
Acq: 25 Nov 2019 18:08

Instrument :
MSVOA_V
ClientSampleId :
B0AE0

Tgt Ion: 83 Resp: 31147

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

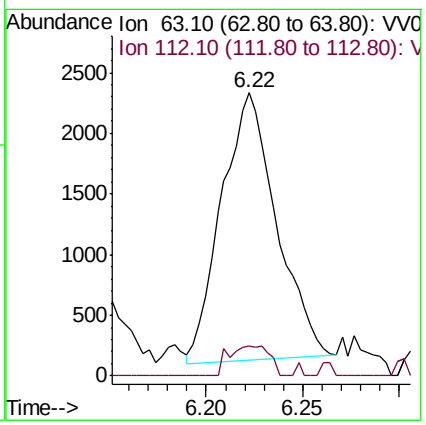


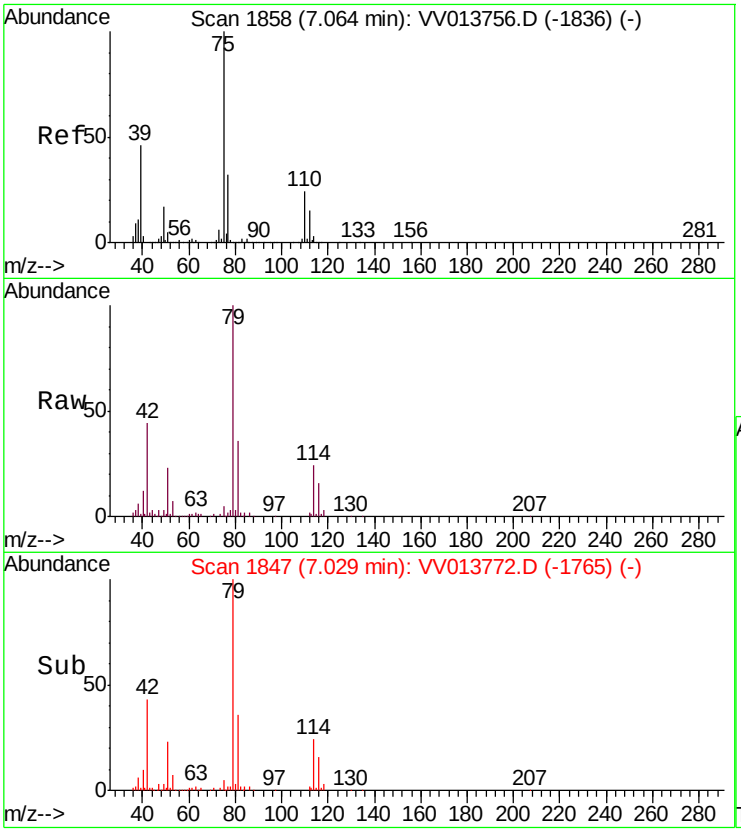


#37
1,2-Dichloropropane
Concen: 0.201 ug/L
RT: 6.22 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VV013772.D
Acq: 25 Nov 2019 18:08

Tgt Ion: 63 Resp: 4385

Ion	Ratio	Lower	Upper
63	100		
112	8.4	4.4	6.6#



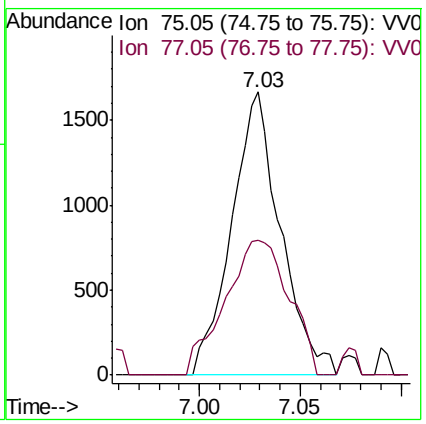


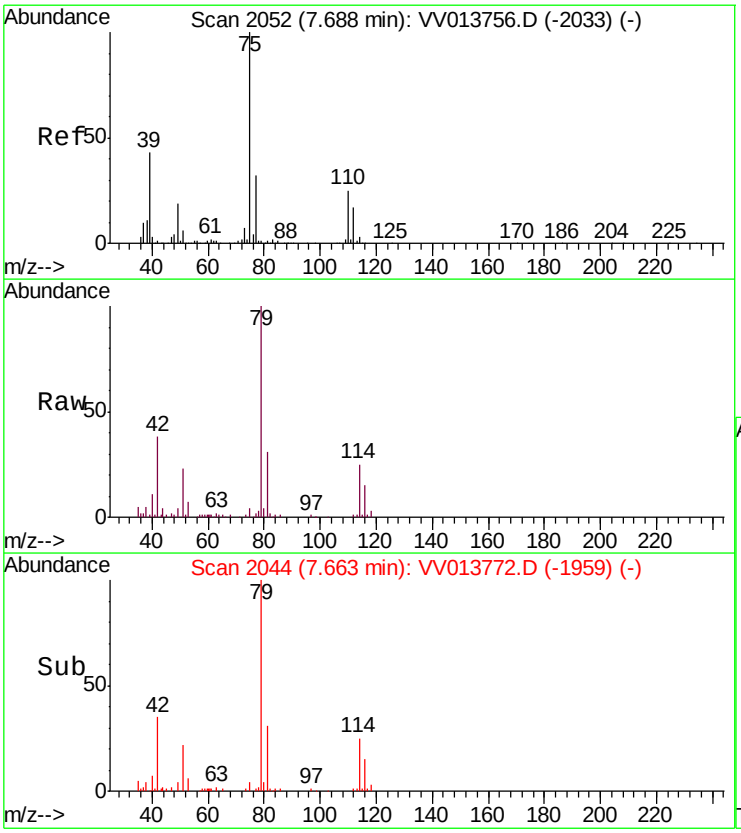
#39
cis-1,3-Dichloropropene
Concen: 0.091 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV013772.D
Acq: 25 Nov 2019 18:08

Instrument :
MSVOA_V
ClientSampleId :
B0AE0

Tgt Ion: 75 Resp: 2829

Ion	Ratio	Lower	Upper
75	100		
77	47.7	22.5	41.9#

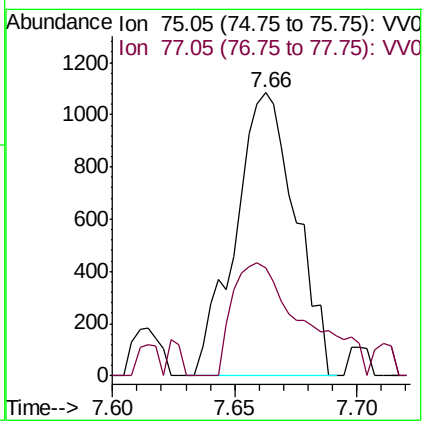


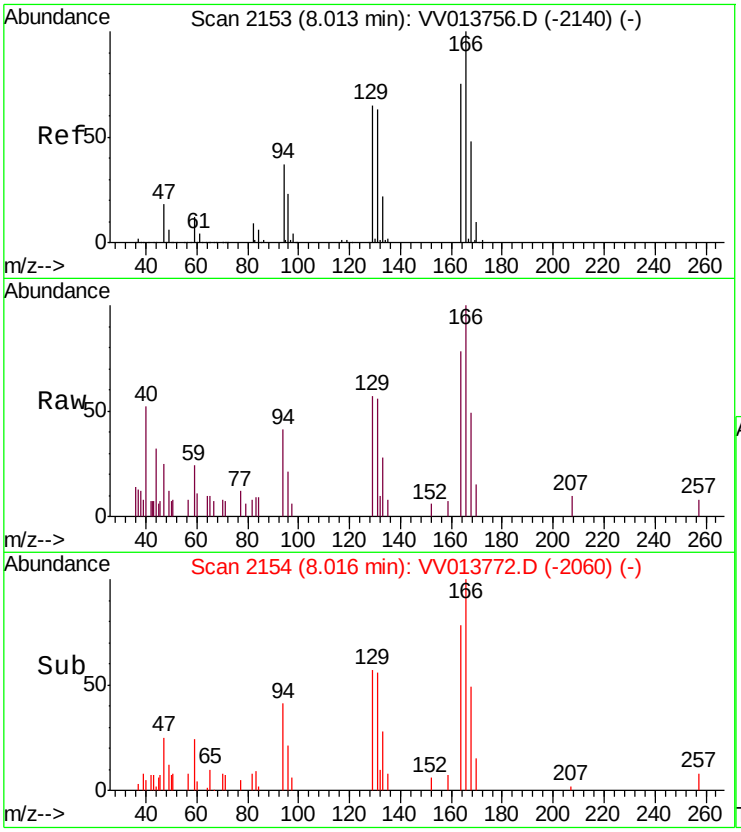


#44
trans-1,3-Dichloropropene
Concen: 0.076 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV013772.D
Acq: 25 Nov 2019 18:08

Tgt Ion: 75 Resp: 1852

Ion	Ratio	Lower	Upper
75	100		
77	38.3	23.0	42.8



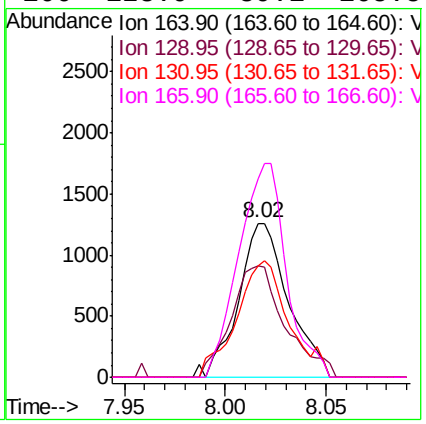


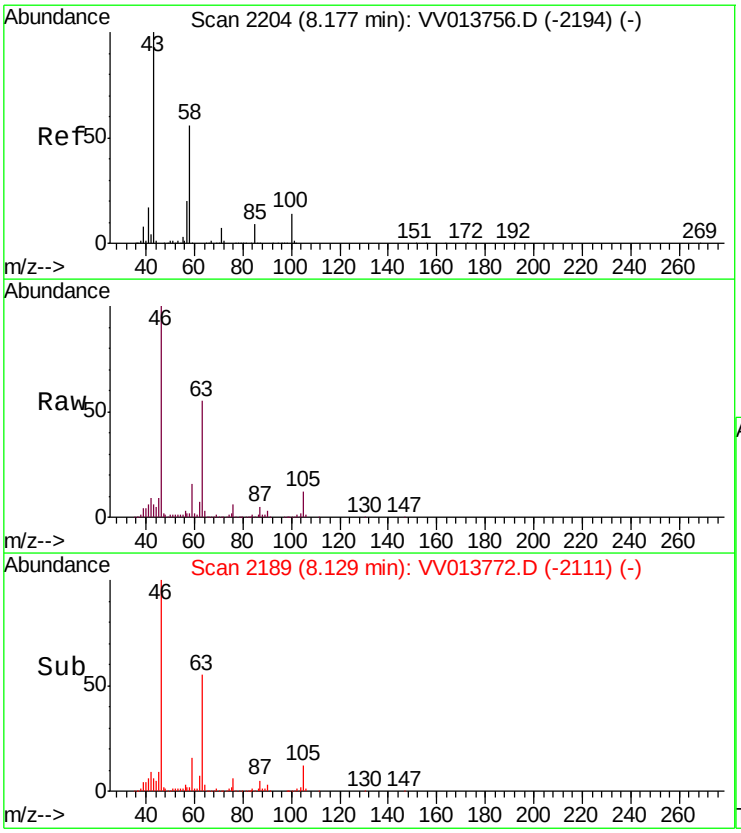
#47
Tetrachloroethene
Concen: 0.107 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV013772.D
Acq: 25 Nov 2019 18:08

Instrument : MSVOA_V
ClientSampleId : B0AE0

Tgt Ion:164 Resp: 2176

Ion	Ratio	Lower	Upper
164	100		
129	72.8	60.3	112.1
131	72.4	59.9	111.3
166	128.9	89.1	165.5





#48
2-Hexanone
Concen: 2.936 ug/L
RT: 8.13 min Scan# 2189
Delta R.T. -0.05 min
Lab File: VV013772.D
Acq: 25 Nov 2019 18:08

Tgt Ion: 43 Resp: 26710

Ion	Ratio	Lower	Upper
43	100		
58	27.3	43.2	64.8#
57	26.9	15.4	23.2#
100	3.3	10.4	15.6#