Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV103018\

Quantitation Report (Not Reviewed)

Data File : VV008480.D
Acq On : 30 Oct 2018 20:06
Operator : SY/MD
Sample : J5716-19MS
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETBQ9MS

Quant Time: Oct 31 07:19:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 31 07:14:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	191565	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	173000	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	73415	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	40719	38.39	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 76.78%			
7) Chloroethane-d5	1.56	69	24600	32.12	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 64.24%#			
11) 1,1-Dichloroethene-d2	2.13	63	80597	42.07	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 84.14%			
21) 2-Butanone-d5	3.94	46	102819	89.20	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 89.20%			
24) Chloroform-d	4.41	84	109898	42.01	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.02%			
26) 1,2-Dichloroethane-d4	5.09	65	77548	44.34	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.68%			
32) Benzene-d6	5.10	84	218459	44.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.62%			
36) 1,2-Dichloropropane-d6	6.12	67	76151	44.50	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 89.00%			
41) Toluene-d8	7.36	98	194324	43.41	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 86.82%			
43) trans-1,3-Dichloropropene-	7.67	79	35907	43.19	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.38%			
47) 2-Hexanone-d5	8.14	63	80685	90.30	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 90.30%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	109764	47.36	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.72%			
64) 1,2-Dichlorobenzene-d4	11.68	152	68805	45.82	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.64%			

Target Compounds						Qvalue
5) Vinyl chloride	1.33	62	2012	1.482	ug/L #	33
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	580	0.635	ug/L #	20
12) 1,1-Dichloroethene	2.14	96	42827	49.827	ug/L	95
13) Acetone	2.19	43	4341	4.852	ug/L	92
17) trans-1,2-Dichloroethene	2.79	96	2681	2.046	ug/L	90
20) cis-1,2-Dichloroethene	3.96	96	61979	41.522	ug/L	94
27) 1,2-Dichloroethane	5.15	62	2844	1.291	ug/L #	77
33) Benzene	5.15	78	285631	50.509	ug/L	100
34) Trichloroethene	5.96	95	84289	58.219	ug/L	98
37) 1,2-Dichloropropane	6.12	63	8085	5.177	ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	2170	0.884	ug/L #	80
42) Toluene	7.43	91	295554	50.315	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	1519	0.661	ug/L #	74
46) Tetrachloroethene	8.03	164	1467	1.554	ug/L	83
49) Dibromochloromethane	8.02	129	1356	0.914	ug/L #	10
51) Chlorobenzene	8.93	112	179429	49.609	ug/L	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV103018\

Quantitation Report (Not Reviewed)

Data File : VV008480.D
Acq On : 30 Oct 2018 20:06
Operator : SY/MD
Sample : J5716-19MS
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETBQ9MS

Quant Time: Oct 31 07:19:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 31 07:14:32 2018
Response via : Initial Calibration

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

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

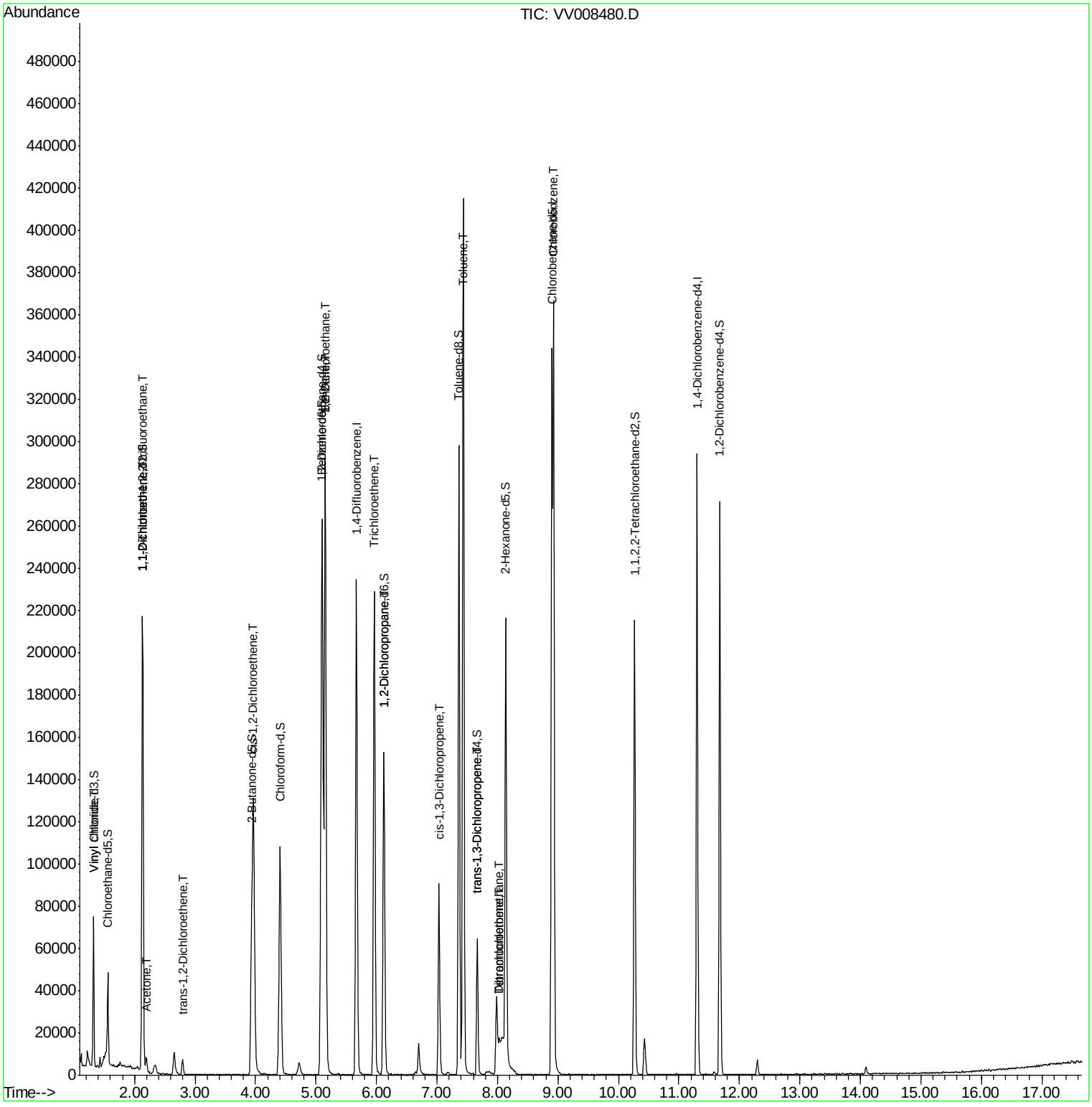
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV103018\

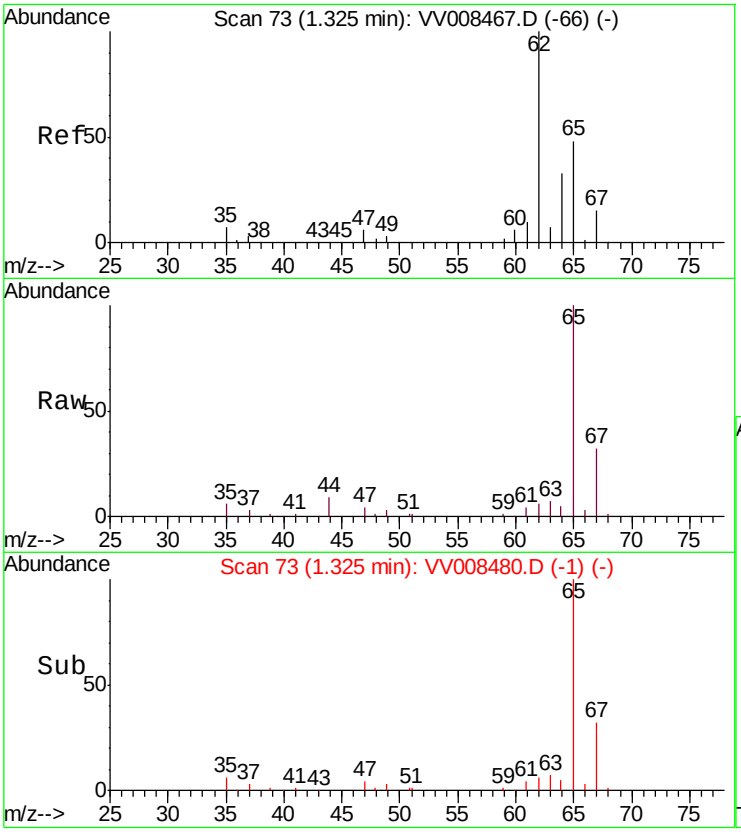
Quantitation Report (Not Reviewed)

Data File : VV008480.D
Acq On : 30 Oct 2018 20:06
Operator : SY/MD
Sample : J5716-19MS
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETBQ9MS

Quant Time: Oct 31 07:19:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 31 07:14:32 2018
Response via : Initial Calibration



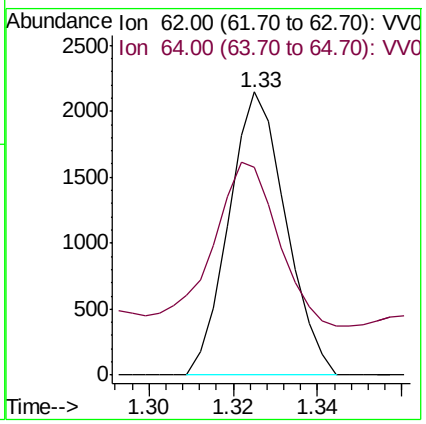


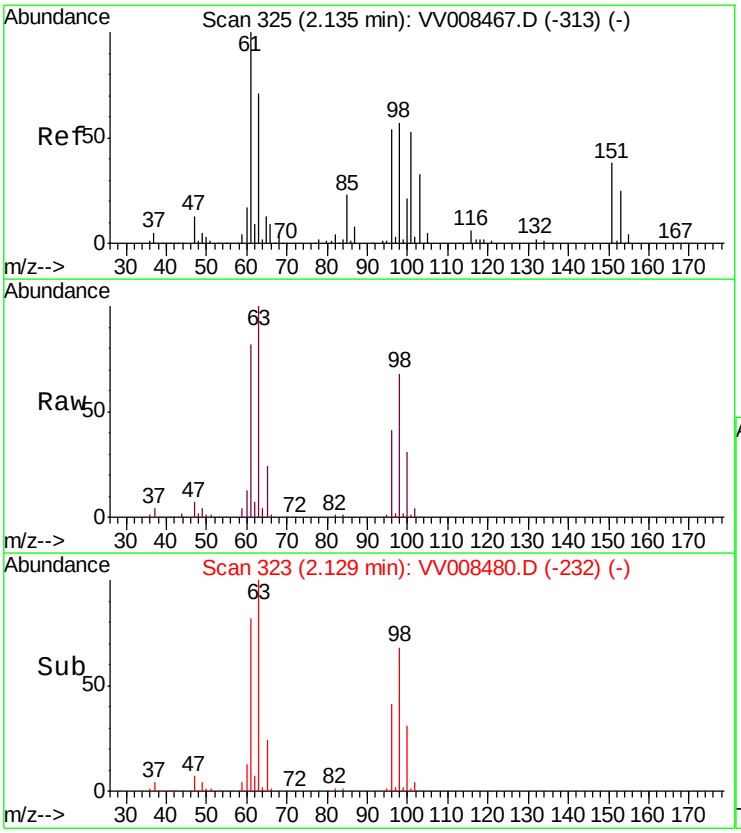
#5
Vinyl chloride
Concen: 1.482 ug/L
RT: 1.33 min Scan# 73
Delta R.T. -0.00 min
Lab File: VV008480.D
Acq: 30 Oct 2018 20:06

Instrument :
MSVOA_V
ClientSampleId :
ETBQ9MS

Tgt Ion: 62 Resp: 2012

Ion	Ratio	Lower	Upper
62	100		
64	73.6	24.4	45.4#

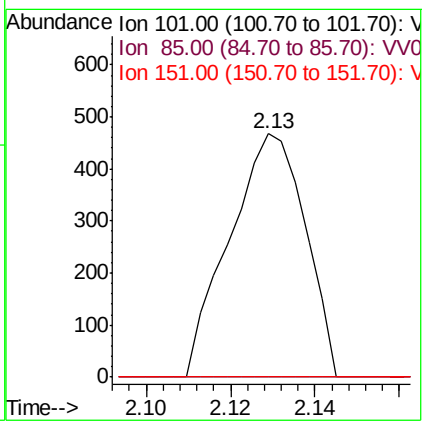


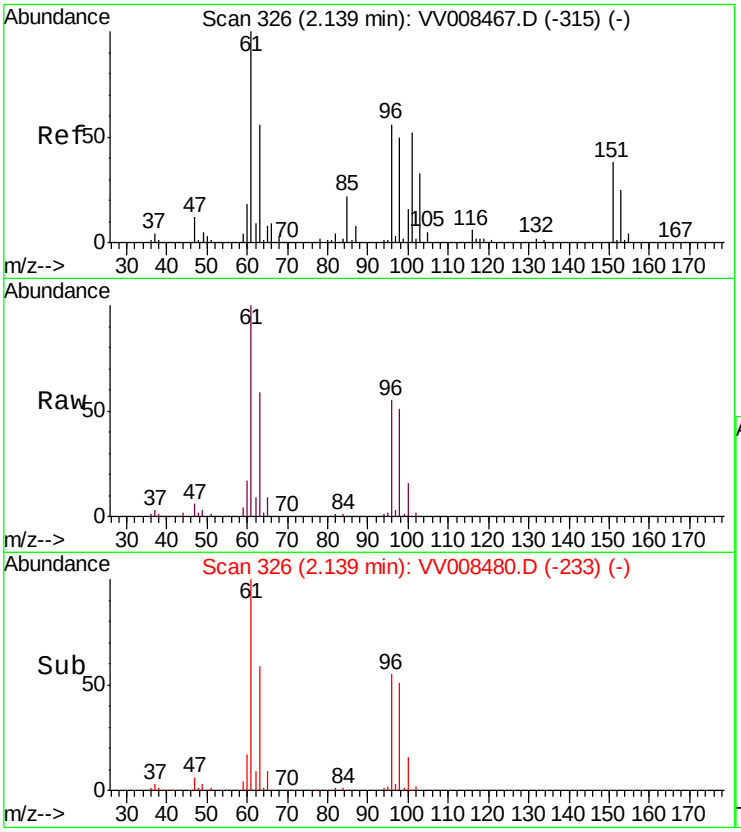


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.635 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.01 min
Lab File: VV008480.D
Acq: 30 Oct 2018 20:06

Tgt Ion:101 Resp: 580

Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.6	53.4#
151	0.0	58.1	87.1#



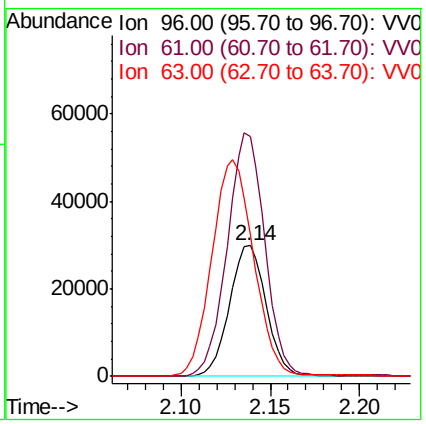


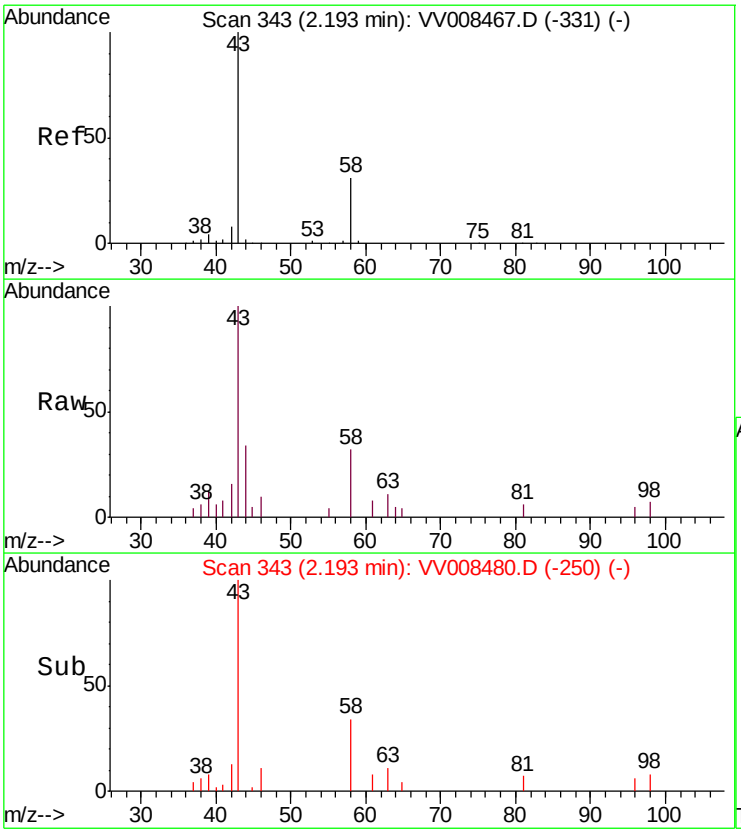
#12
1,1-Dichloroethene
Concen: 49.827 ug/L
RT: 2.14 min Scan# 326
Delta R.T. -0.00 min
Lab File: VV008480.D
Acq: 30 Oct 2018 20:06

Instrument :
MSVOA_V
ClientSampleId :
ETBQ9MS

Tgt Ion: 96 Resp: 42827

Ion	Ratio	Lower	Upper
96	100		
61	183.2	130.3	242.1
63	108.6	84.4	156.8

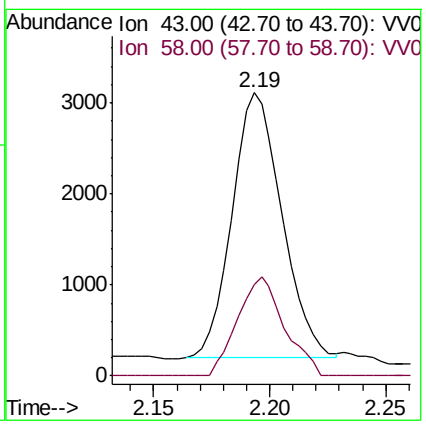


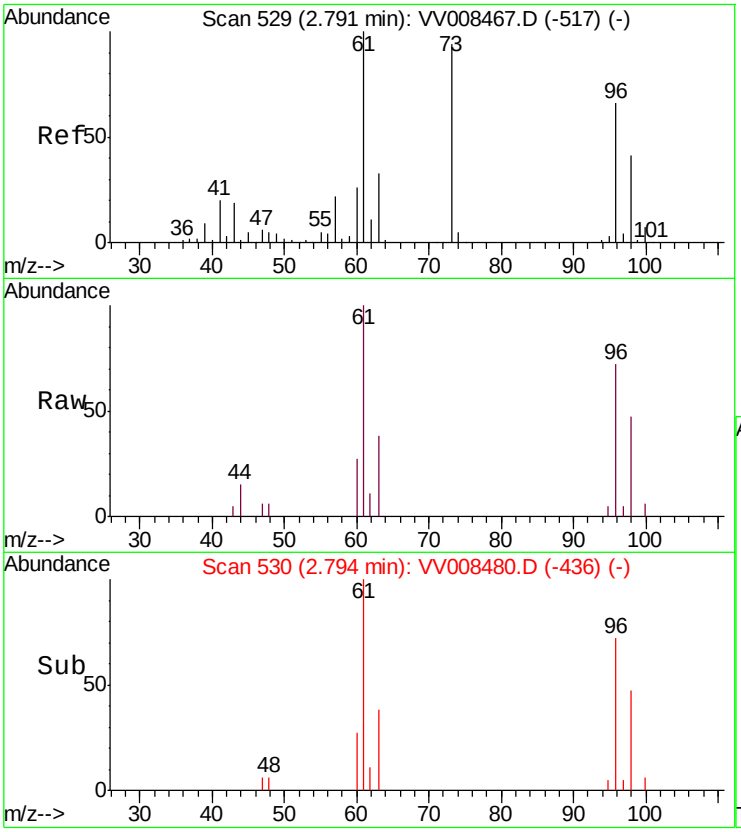


#13
Acetone
Concen: 4.852 ug/L
RT: 2.19 min Scan# 343
Delta R.T. -0.00 min
Lab File: VV008480.D
Acq: 30 Oct 2018 20:06

Tgt Ion: 43 Resp: 4341

Ion	Ratio	Lower	Upper
43	100		
58	35.2	0.0	61.4



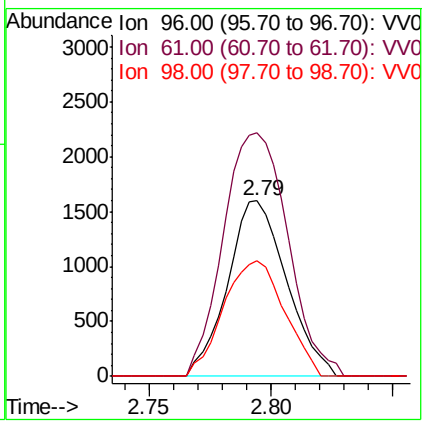


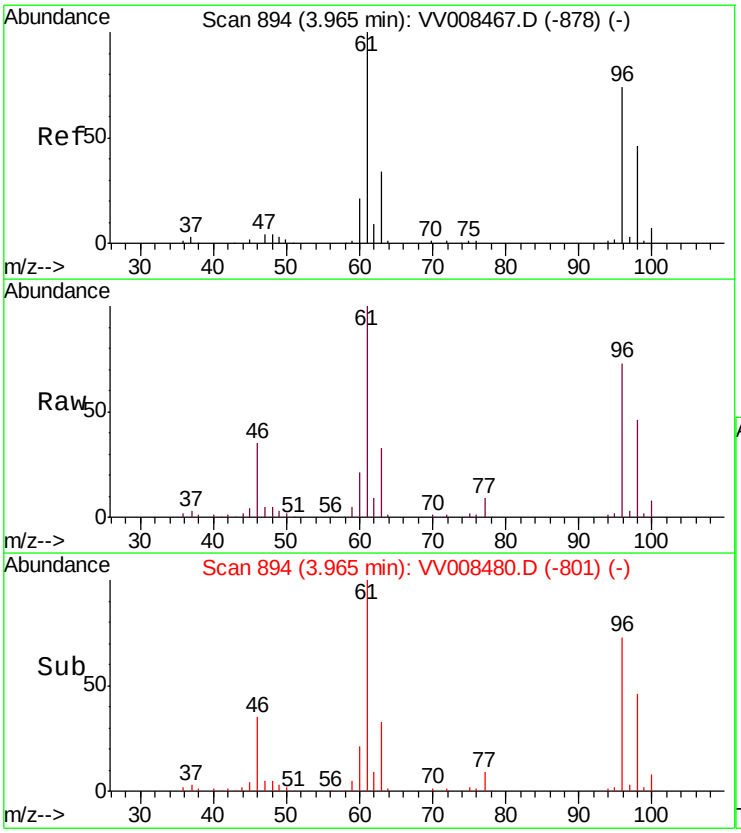
#17
trans-1,2-Dichloroethene
Concen: 2.046 ug/L
RT: 2.79 min Scan# 530
Delta R.T. 0.00 min
Lab File: VV008480.D
Acq: 30 Oct 2018 20:06

Instrument :
MSVOA_V
ClientSampleId :
ETBQ9MS

Tgt Ion: 96 Resp: 2681

Ion	Ratio	Lower	Upper
96	100		
61	139.0	108.6	201.6
98	65.9	44.3	82.3

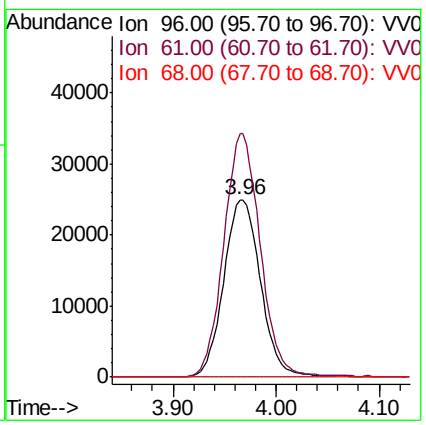


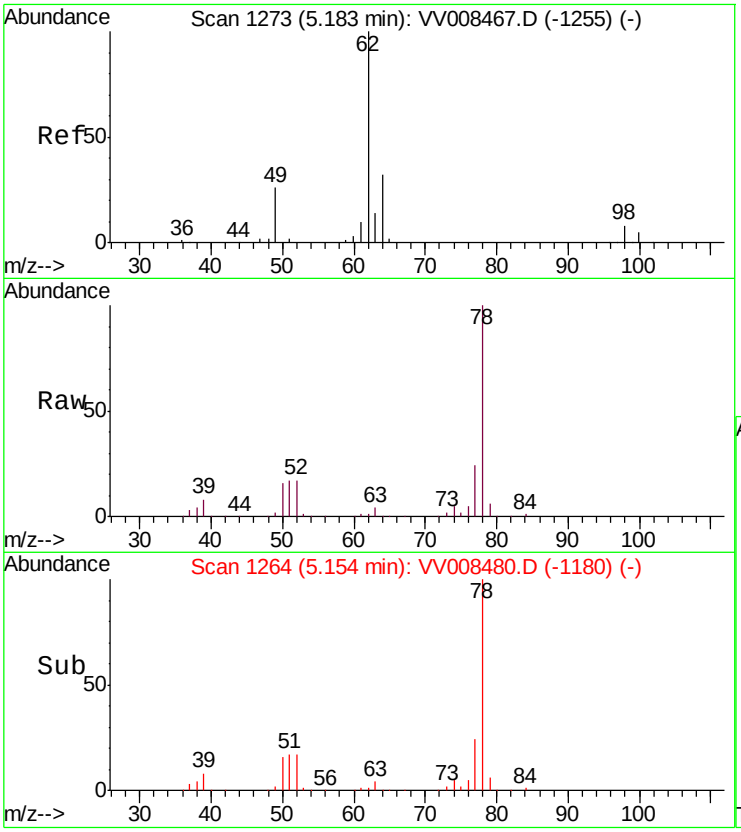


#20
cis-1,2-Dichloroethene
Concen: 41.522 ug/L
RT: 3.96 min Scan# 894
Delta R.T. -0.00 min
Lab File: VV008480.D
Acq: 30 Oct 2018 20:06

Tgt Ion: 96 Resp: 61979

Ion	Ratio	Lower	Upper
96	100		
61	137.2	100.9	187.5
68	0.0	0.0	0.0



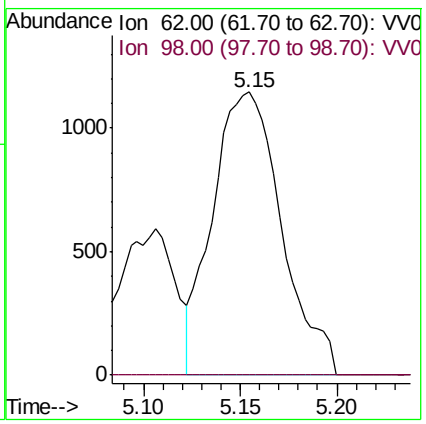


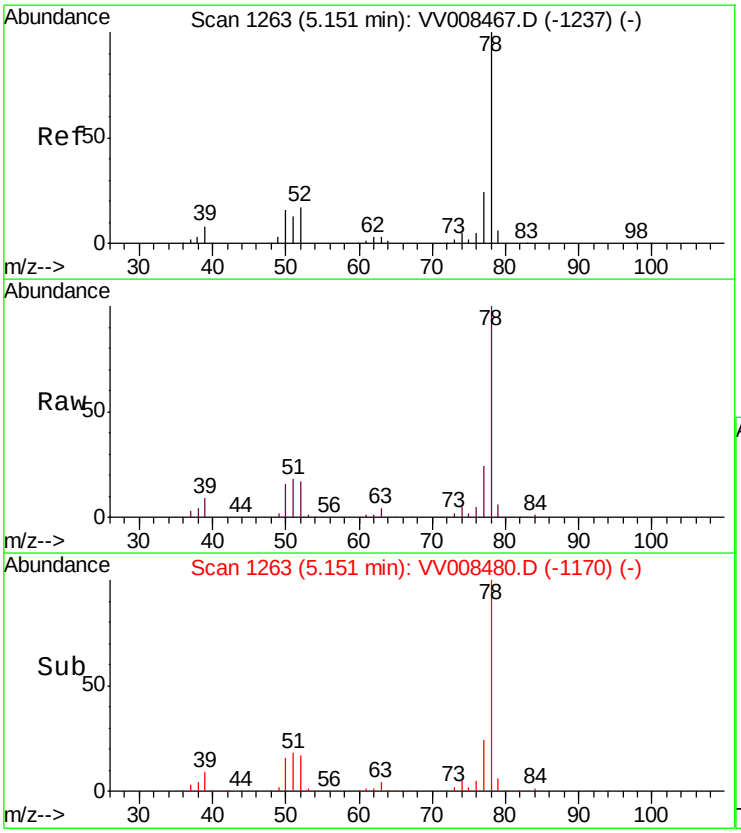
#27
1,2-Dichloroethane
Concen: 1.291 ug/L
RT: 5.15 min Scan# 1264
Delta R.T. -0.03 min
Lab File: VV008480.D
Acq: 30 Oct 2018 20:06

Instrument :
MSVOA_V
ClientSampleId :
ETBQ9MS

Tgt Ion: 62 Resp: 2844

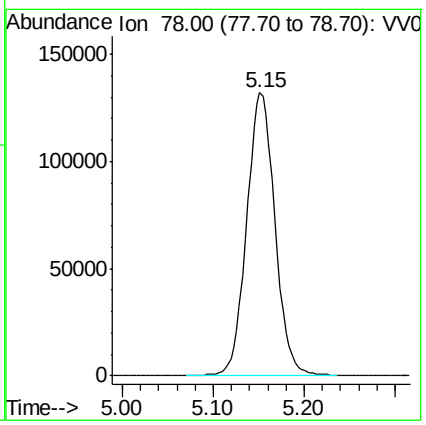
Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.6	9.8#

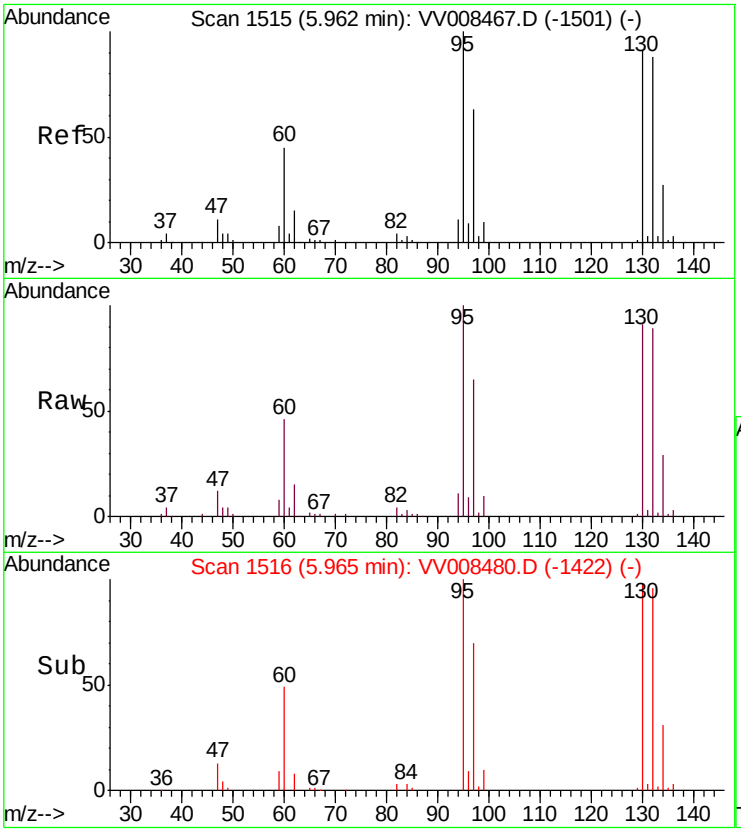




#33
Benzene
Concen: 50.509 ug/L
RT: 5.15 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VV008480.D
Acq: 30 Oct 2018 20:06

Tgt Ion: 78 Resp: 285631



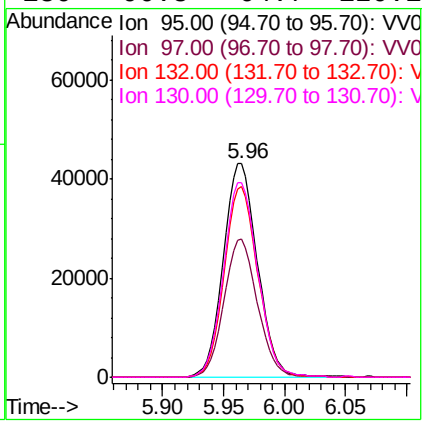


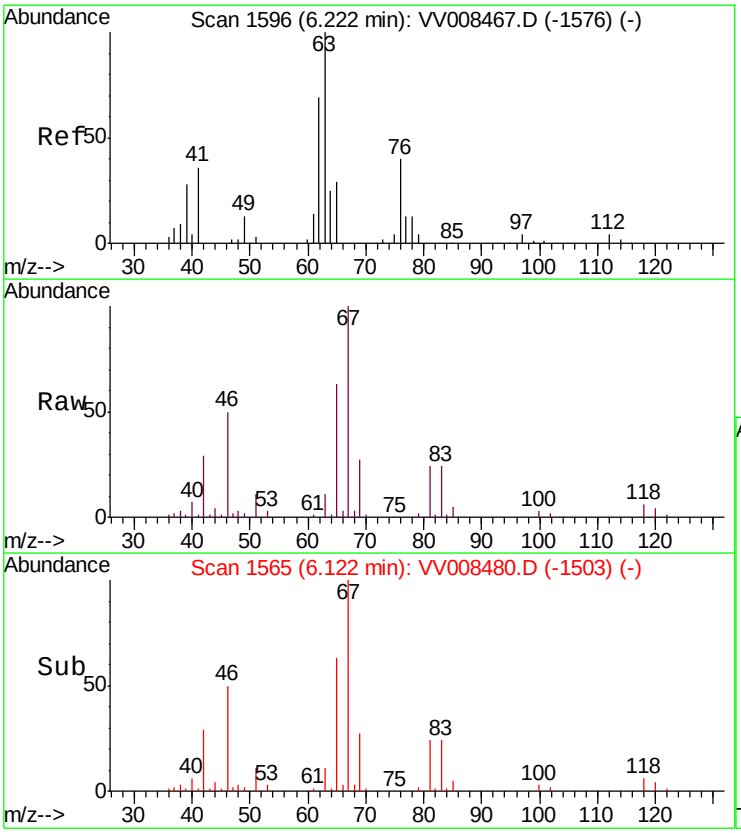
#34
Trichloroethene
Concen: 58.219 ug/L
RT: 5.96 min Scan# 1516
Delta R.T. 0.00 min
Lab File: VV008480.D
Acq: 30 Oct 2018 20:06

Instrument :
MSVOA_V
ClientSampleId :
ETBQ9MS

Tgt Ion: 95 Resp: 84289

Ion	Ratio	Lower	Upper
95	100		
97	64.8	45.2	84.0
132	89.0	63.8	118.6
130	90.8	64.7	120.1

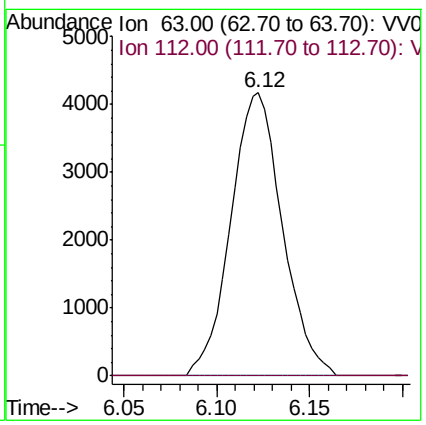


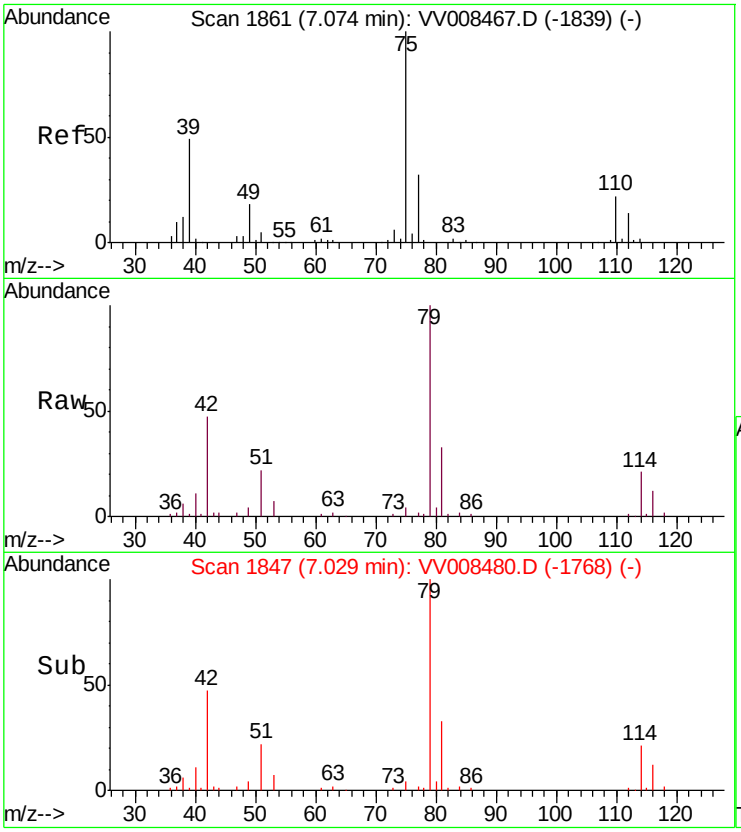


#37
1,2-Dichloropropane
Concen: 5.177 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV008480.D
Acq: 30 Oct 2018 20:06

Tgt Ion: 63 Resp: 8085

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.9	4.3#



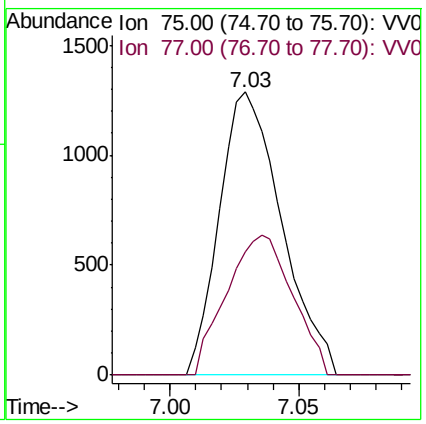


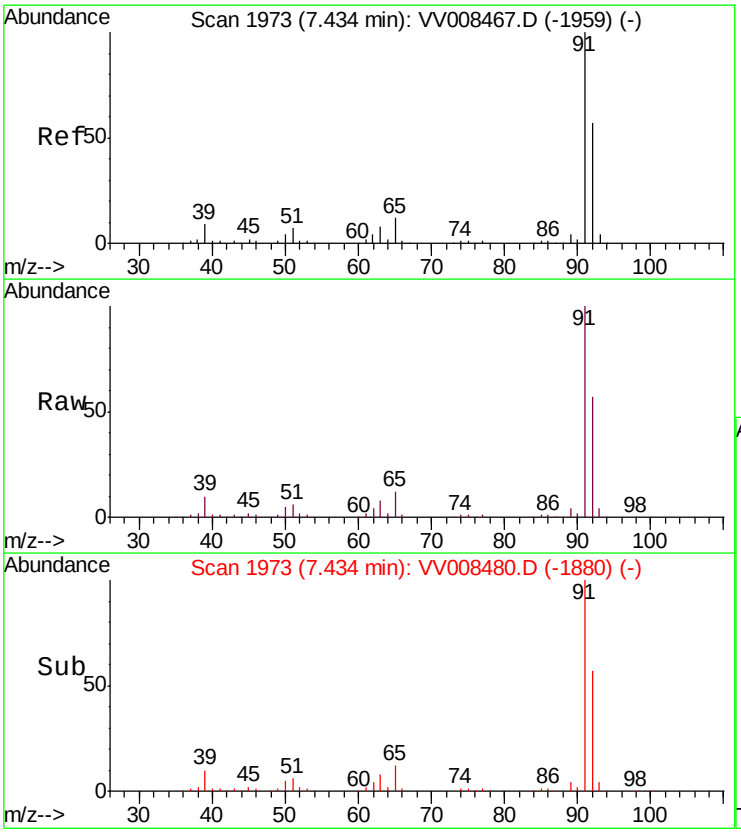
#39
cis-1,3-Dichloropropene
Concen: 0.884 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.05 min
Lab File: VV008480.D
Acq: 30 Oct 2018 20:06

Instrument :
MSVOA_V
ClientSampleId :
ETBQ9MS

Tgt Ion: 75 Resp: 2170

Ion	Ratio	Lower	Upper
75	100		
77	43.4	22.6	42.0#

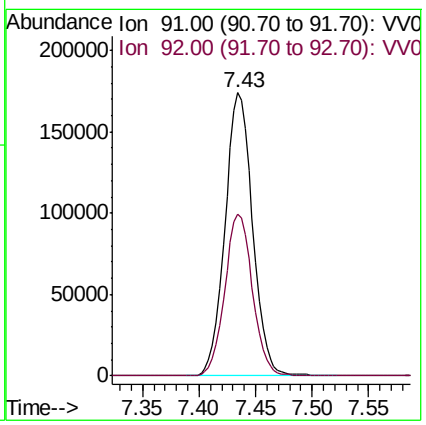


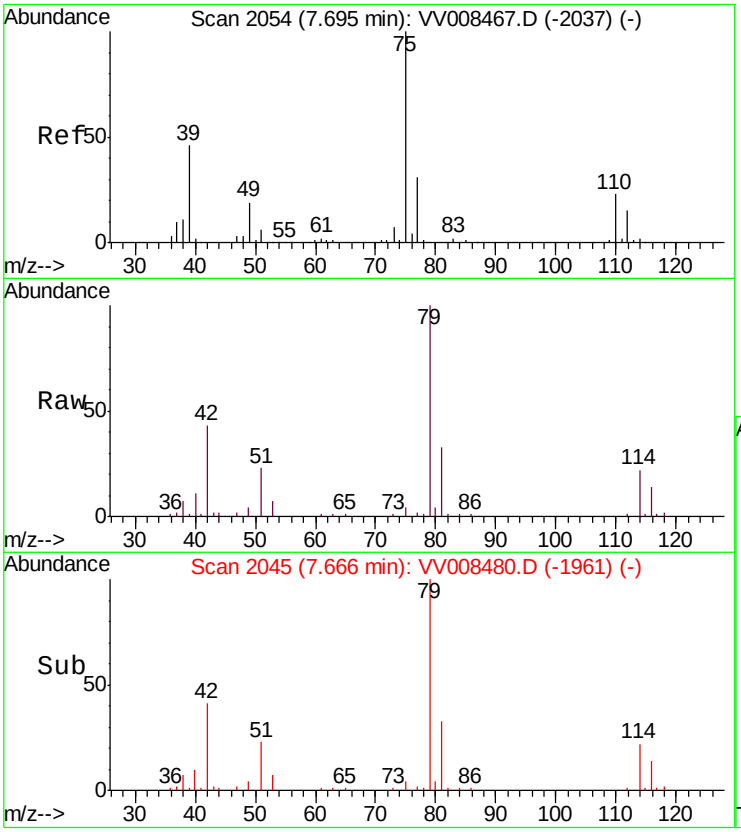


#42
Toluene
Concen: 50.315 ug/L
RT: 7.43 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VV008480.D
Acq: 30 Oct 2018 20:06

Tgt Ion: 91 Resp: 295554

Ion	Ratio	Lower	Upper
91	100		
92	57.4	39.5	73.4



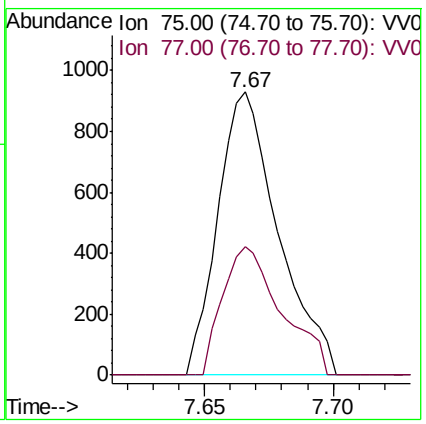


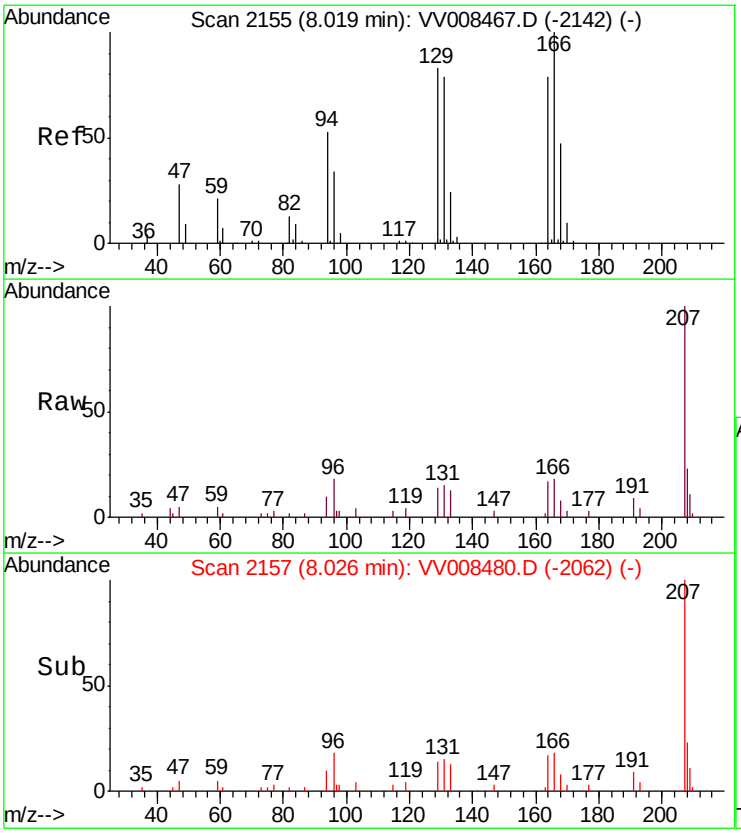
#44
trans-1,3-Dichloropropene
Concen: 0.661 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV008480.D
Acq: 30 Oct 2018 20:06

Instrument :
MSVOA_V
ClientSampleId :
ETBQ9MS

Tgt Ion: 75 Resp: 1519

Ion	Ratio	Lower	Upper
75	100		
77	45.4	21.8	40.4#

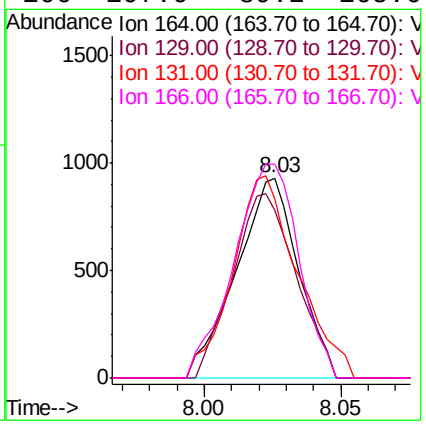


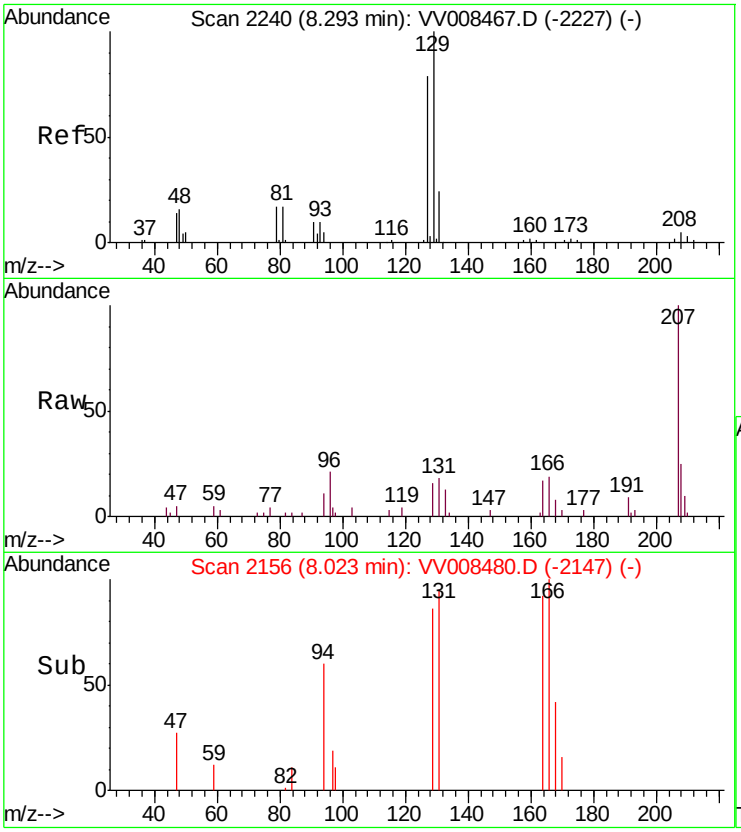


#46
Tetrachloroethene
Concen: 1.554 ug/L
RT: 8.03 min Scan# 2157
Delta R.T. 0.01 min
Lab File: VV008480.D
Acq: 30 Oct 2018 20:06

Tgt Ion:164 Resp: 1467

Ion	Ratio	Lower	Upper
164	100		
129	83.9	75.0	139.2
131	89.7	71.3	132.3
166	107.0	89.2	165.6



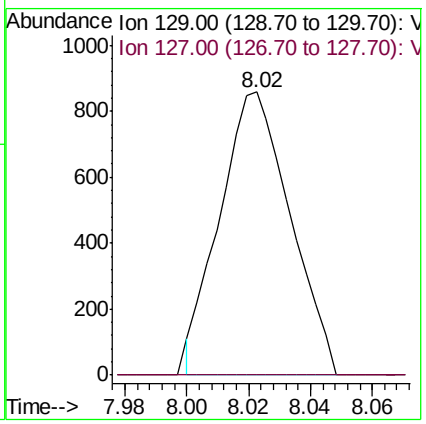


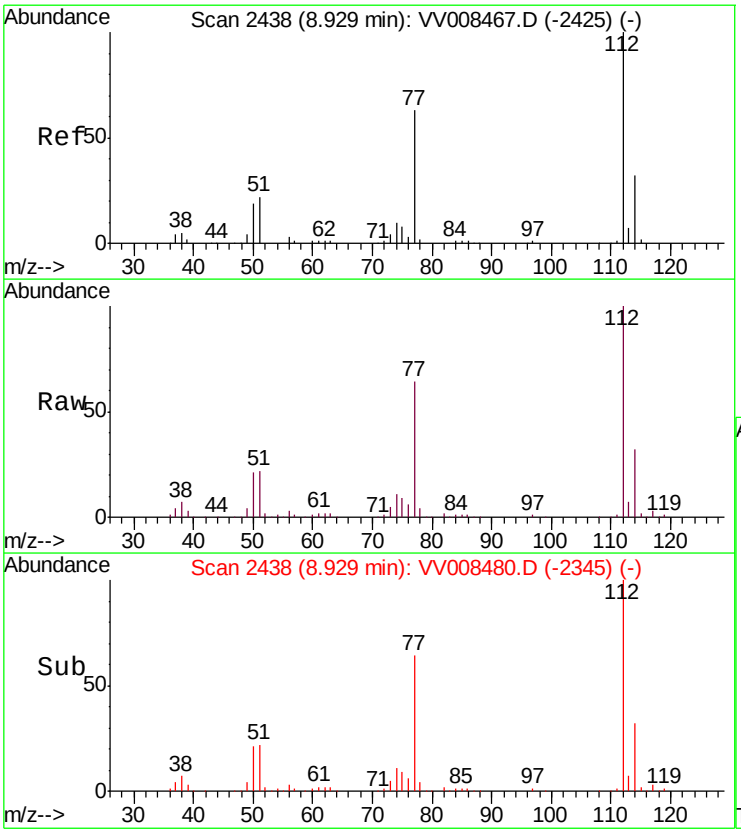
#49
Dibromochloromethane
Concen: 0.914 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. -0.27 min
Lab File: VV008480.D
Acq: 30 Oct 2018 20:06

Instrument : MSVOA_V
ClientSampleId : ETBQ9MS

Tgt Ion:129 Resp: 1356

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.9	101.9#





#51
Chlorobenzene
Concen: 49.609 ug/L
RT: 8.93 min Scan# 2438
Delta R.T. -0.00 min
Lab File: VV008480.D
Acq: 30 Oct 2018 20:06

Tgt Ion:112 Resp: 179429

Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.5	41.7
77	64.4	52.0	78.0