Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042420\
Data File : VV015672.D
Acq On : 24 Apr 2020 14:35
Operator : SY/MD
Sample : L2416-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Apr 25 00:18:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Apr 25 00:15:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	122028	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	115950	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	57426	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	30486	4.78	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 95.60%			
7) Chloroethane-d5	1.57	69	28262	4.60	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.00%			
11) 1,1-Dichloroethene-d2	2.12	63	45817	3.28	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 65.60%			
20) 2-Butanone-d5	3.90	46	101188	49.42	ug/L	-0.04
Spiked Amount 50.000	Range 40 - 130		Recovery = 98.84%			
24) Chloroform-d	4.38	84	70229	4.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.60%			
26) 1,2-Dichloroethane-d4	5.06	65	41808	5.03	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.60%			
32) Benzene-d6	5.07	84	132848	4.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.00%			
36) 1,2-Dichloropropane-d6	6.09	67	43087	4.87	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.40%			
41) Toluene-d8	7.34	98	120997	4.60	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.00%			
43) trans-1,3-Dichloropropene-	7.64	79	14431	4.22	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.40%			
46) 2-Hexanone-d5	8.11	63	79004	47.38	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 94.76%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	31666	4.81	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.20%			
64) 1,2-Dichlorobenzene-d4	11.65	152	47647	4.88	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.60%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	349947	36.236	ug/L	100
8) Chloroethane	1.32	64	170514	26.883	ug/L #	44
12) 1,1-Dichloroethene	2.13	96	1104	0.155	ug/L #	1
17) Methyl tert-butyl Ether	2.79	73	1228	0.062	ug/L #	71
18) trans-1,2-Dichloroethene	2.78	96	1519	0.191	ug/L	94
22) cis-1,2-Dichloroethene	3.94	96	311939	35.477	ug/L	98
27) 1,2-Dichloroethane	5.07	62	1069	0.098	ug/L #	78
34) Trichloroethene	5.94	95	4608	0.504	ug/L	91
35) Methylcyclohexane	6.10	83	10766	0.767	ug/L #	16
37) 1,2-Dichloropropane	6.10	63	5610	0.666	ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1322	0.113	ug/L #	80
44) trans-1,3-Dichloropropene	7.65	75	741	0.075	ug/L	95
47) Tetrachloroethene	8.00	164	1545	0.235	ug/L	92
48) 2-Hexanone	8.16	43	2052	0.527	ug/L #	61
49) Dibromochloromethane	8.00	129	1667	0.281	ug/L #	12

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042420\
Data File : VV015672.D
Acq On : 24 Apr 2020 14:35
Operator : SY/MD
Sample : L2416-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Apr 25 00:18:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Apr 25 00:15:39 2020
Response via : Initial Calibration

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

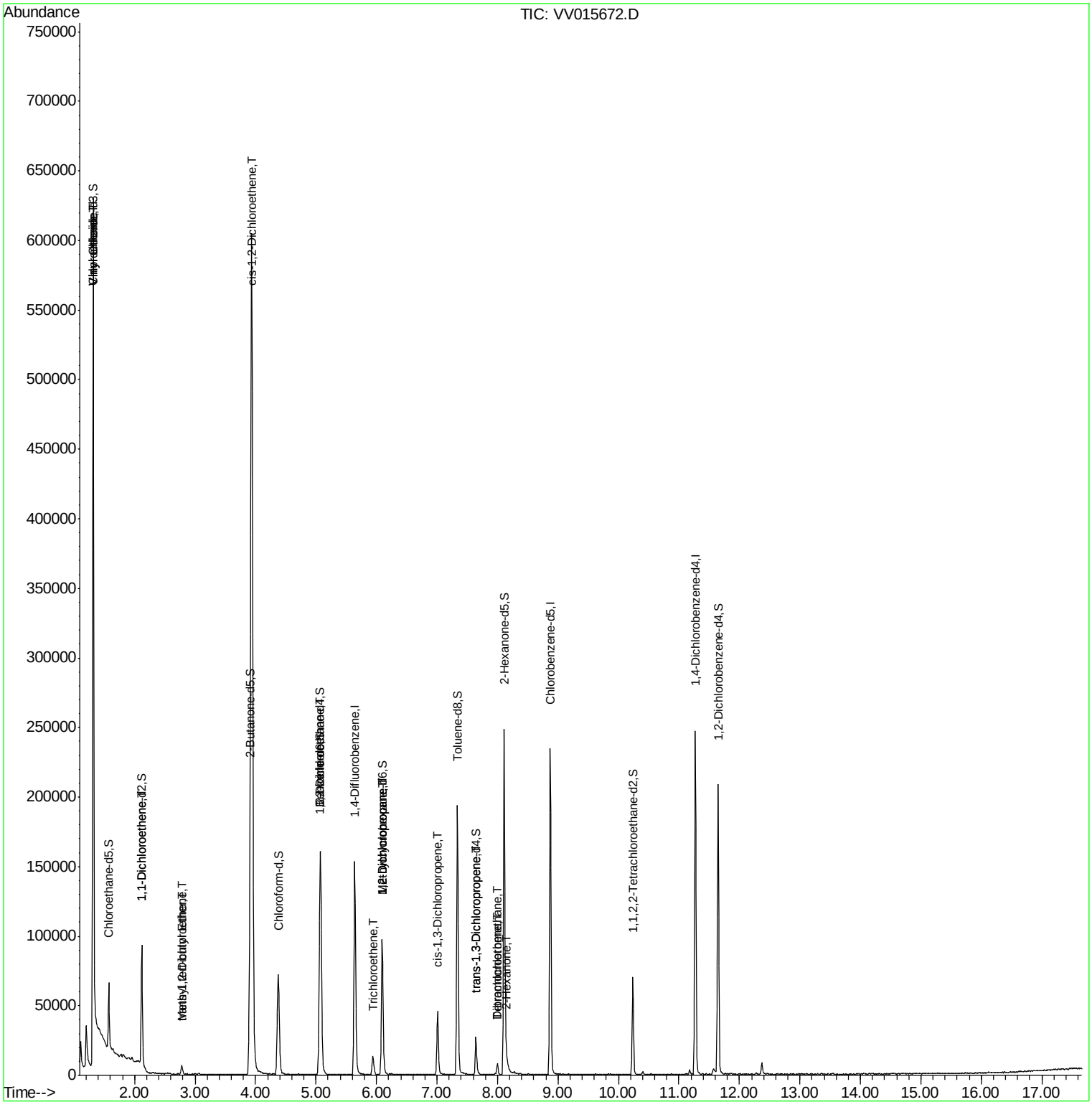
(#) = qualifier out of range (m) = manual integration (+) = signals summed

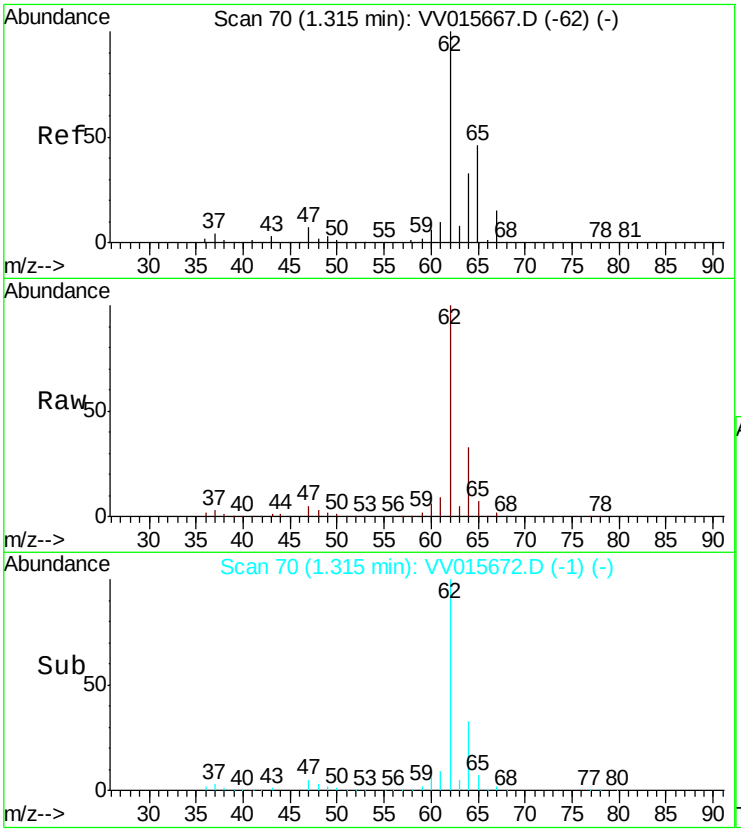
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV042420\
Data File : VV015672.D
Acq On : 24 Apr 2020 14:35
Operator : SY/MD
Sample : L2416-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Apr 25 00:18:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Apr 25 00:15:39 2020
Response via : Initial Calibration



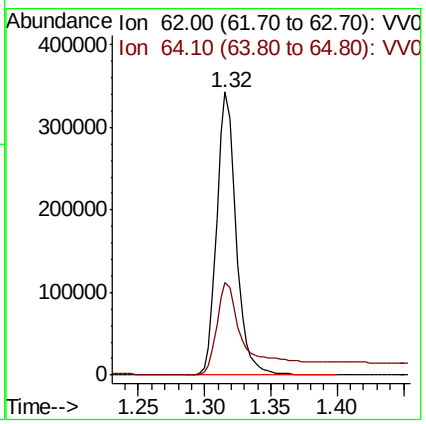


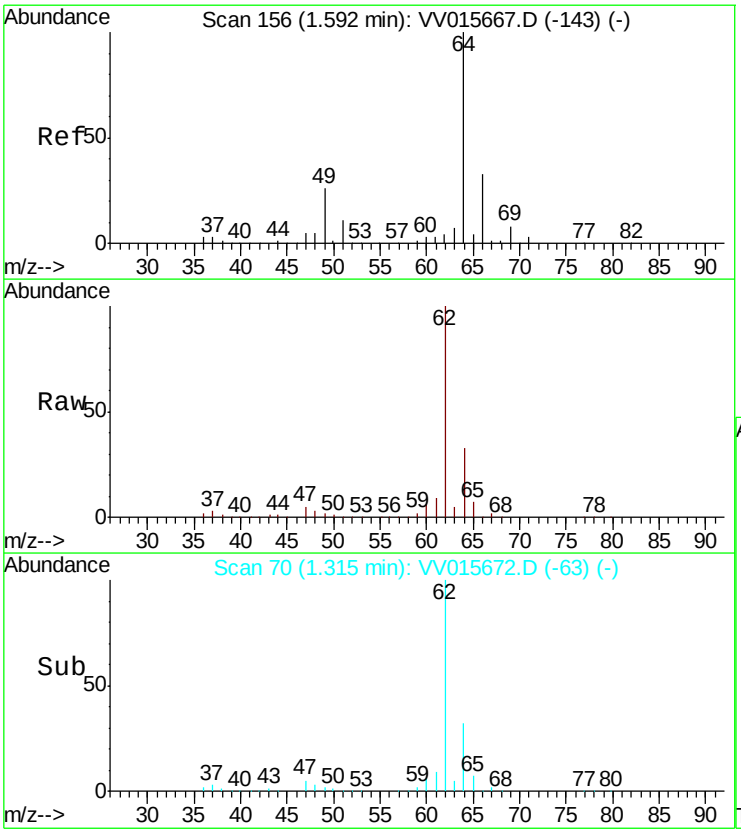
#5
Vinyl chloride
Concen: 36.236 ug/L
RT: 1.32 min Scan# 70
Delta R.T. 0.00 min
Lab File: VV015672.D
Acq: 24 Apr 2020 14:35

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 62 Resp: 349947

Ion	Ratio	Lower	Upper
62	100		
64	32.6	22.7	42.1

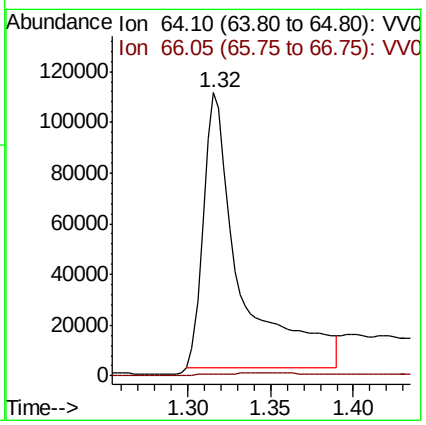


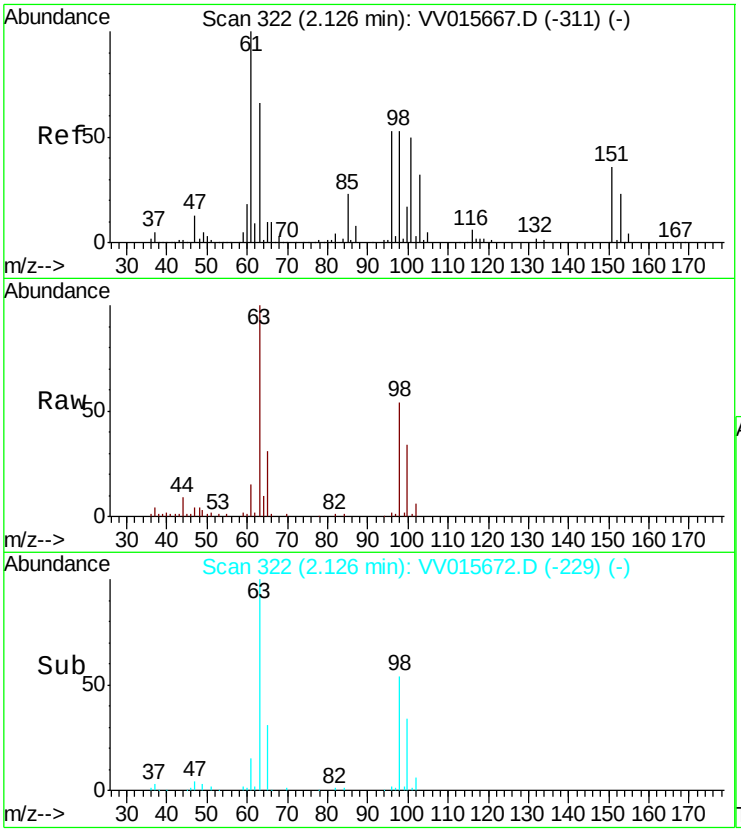


#8
Chloroethane
Concen: 26.883 ug/L
RT: 1.32 min Scan# 70
Delta R.T. -0.28 min
Lab File: VV015672.D
Acq: 24 Apr 2020 14:35

Tgt Ion: 64 Resp: 170514

Ion	Ratio	Lower	Upper
64	100		
66	0.6	22.3	41.5#



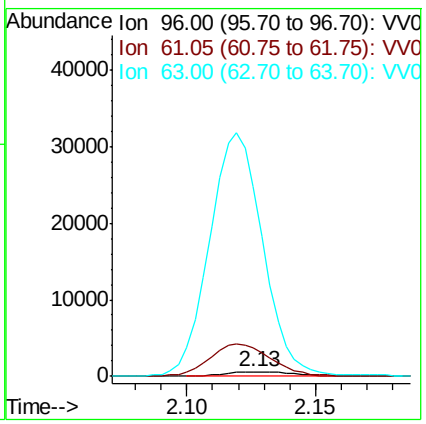


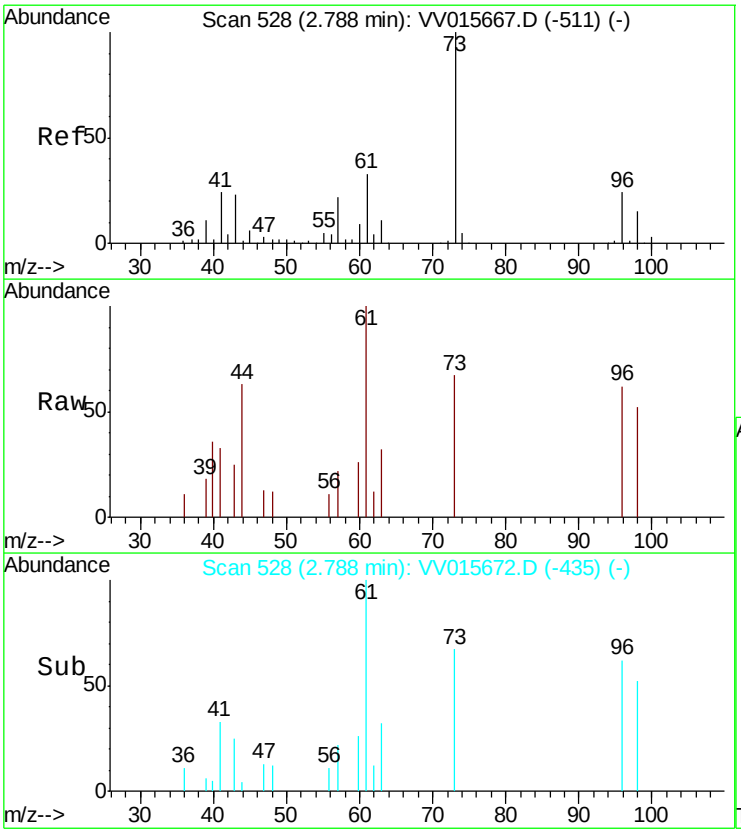
#12
1,1-Dichloroethene
Concen: 0.155 ug/L
RT: 2.13 min Scan# 322
Delta R.T. 0.00 min
Lab File: VV015672.D
Acq: 24 Apr 2020 14:35

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 1104

Ion	Ratio	Lower	Upper
96	100		
61	604.1	130.1	241.7#
63	4041.7	91.4	169.8#

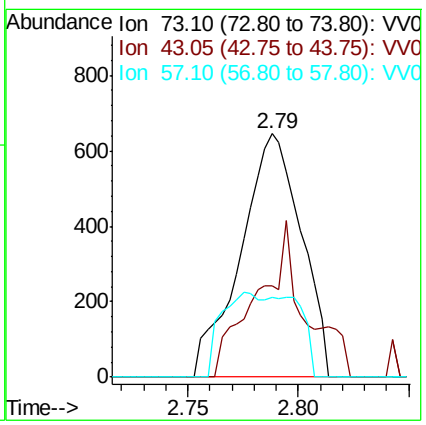


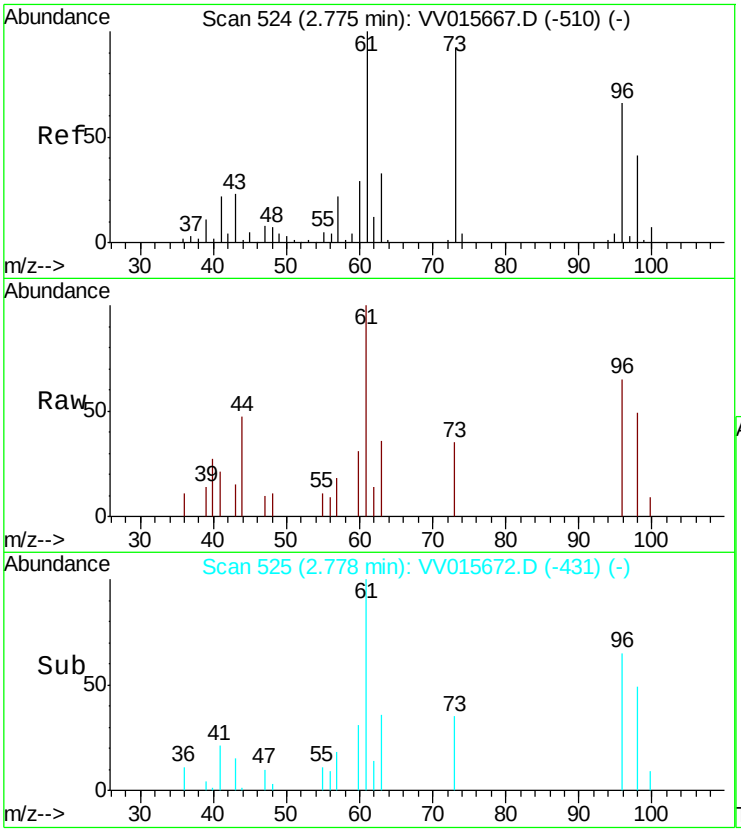


#17
Methyl tert-butyl Ether
Concen: 0.062 ug/L
RT: 2.79 min Scan# 528
Delta R.T. 0.00 min
Lab File: VV015672.D
Acq: 24 Apr 2020 14:35

Tgt Ion: 73 Resp: 1228

Ion	Ratio	Lower	Upper
73	100		
43	50.7	20.1	30.1#
57	24.8	17.8	26.8



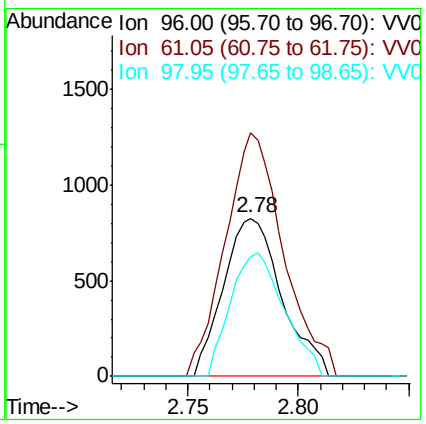


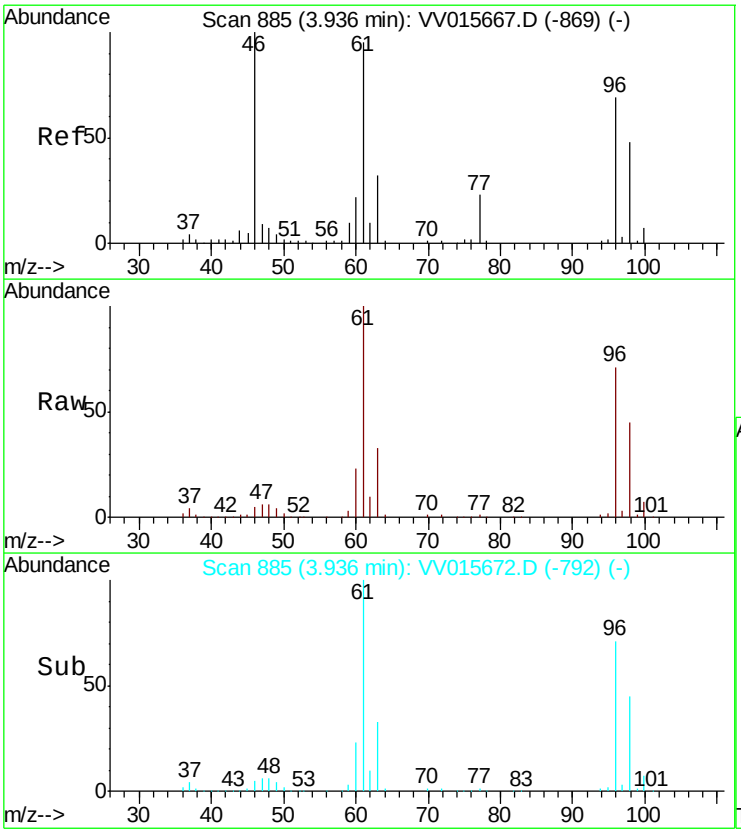
#18
trans-1,2-Dichloroethene
Concen: 0.191 ug/L
RT: 2.78 min Scan# 525
Delta R.T. 0.00 min
Lab File: VV015672.D
Acq: 24 Apr 2020 14:35

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 96 Resp: 1519

Ion	Ratio	Lower	Upper
96	100		
61	153.9	105.5	195.9
98	75.2	44.2	82.0

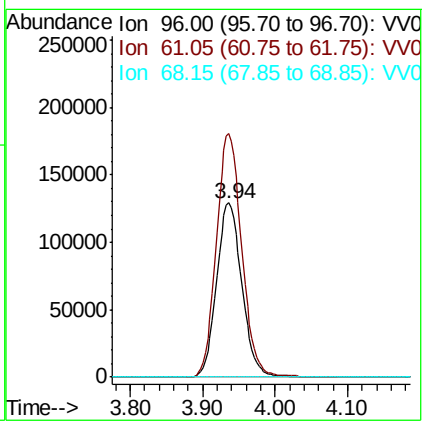


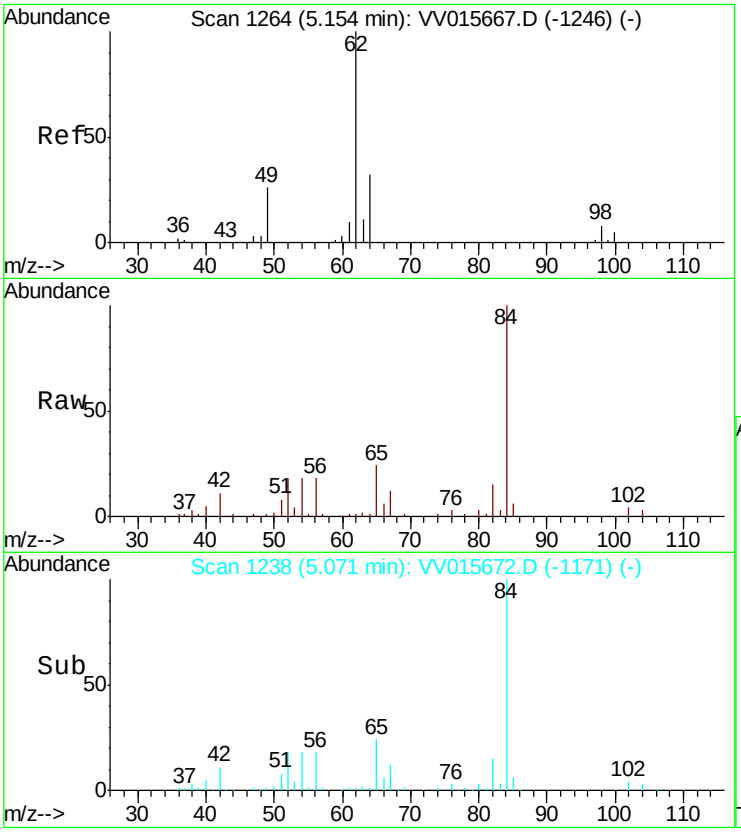


#22
cis-1,2-Dichloroethene
Concen: 35.477 ug/L
RT: 3.94 min Scan# 885
Delta R.T. 0.00 min
Lab File: VV015672.D
Acq: 24 Apr 2020 14:35

Tgt Ion: 96 Resp: 311939

Ion	Ratio	Lower	Upper
96	100		
61	139.9	96.4	179.0
68	0.0	0.0	0.0



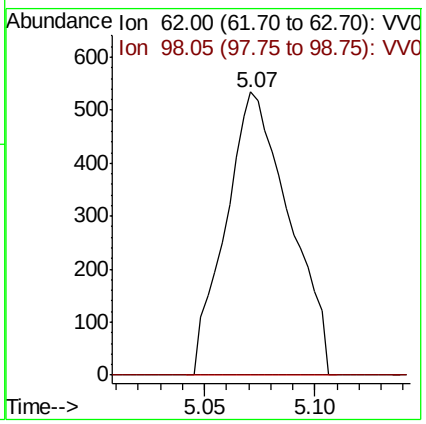


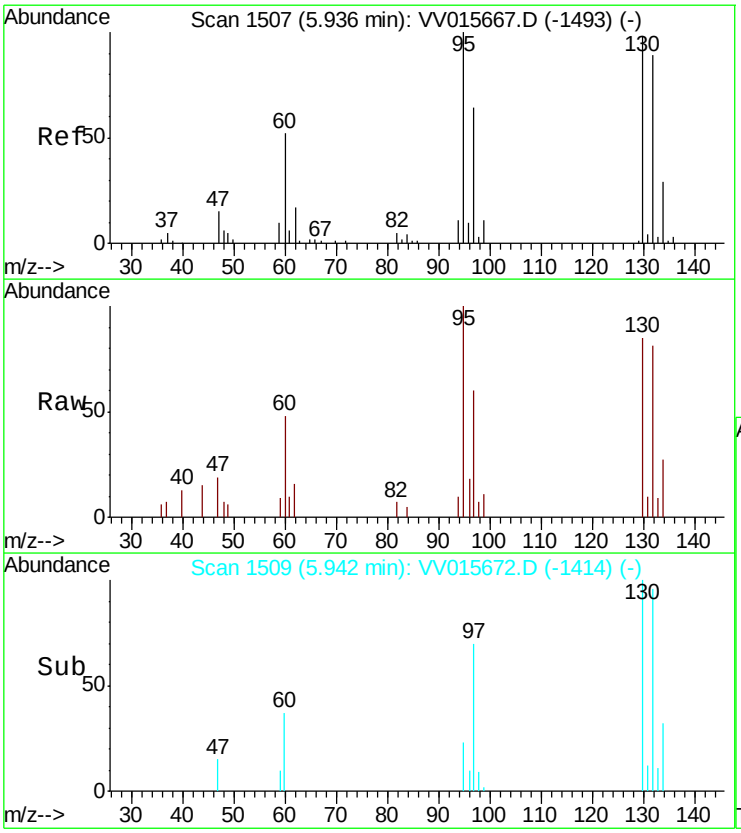
#27
1,2-Dichloroethane
Concen: 0.098 ug/L
RT: 5.07 min Scan# 1238
Delta R.T. -0.08 min
Lab File: VV015672.D
Acq: 24 Apr 2020 14:35

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 62 Resp: 1069

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.3	9.5#

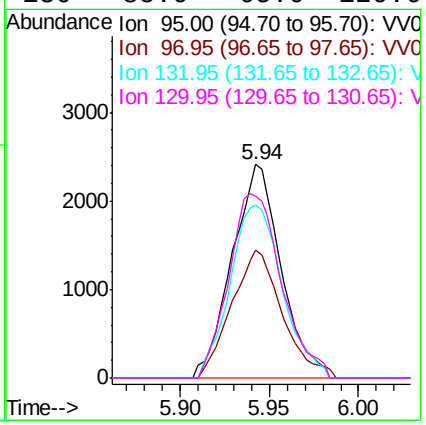


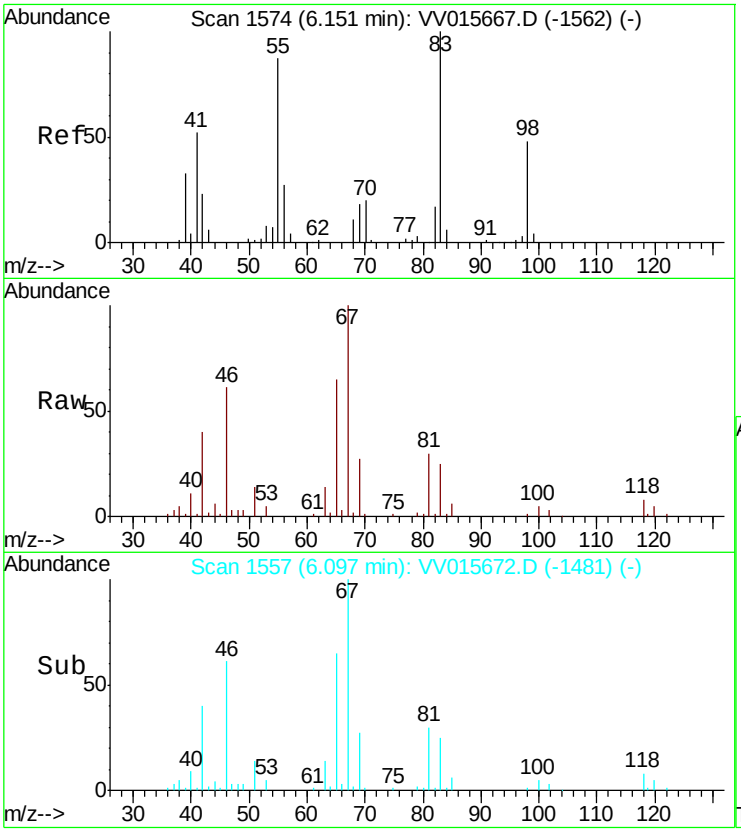


#34
Trichloroethene
Concen: 0.504 ug/L
RT: 5.94 min Scan# 1509
Delta R.T. 0.01 min
Lab File: VV015672.D
Acq: 24 Apr 2020 14:35

Tgt Ion: 95 Resp: 4608

Ion	Ratio	Lower	Upper
95	100		
97	59.8	44.7	82.9
132	81.2	65.2	121.0
130	85.0	65.0	120.6



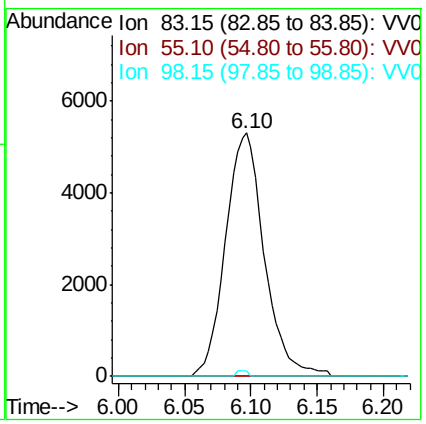


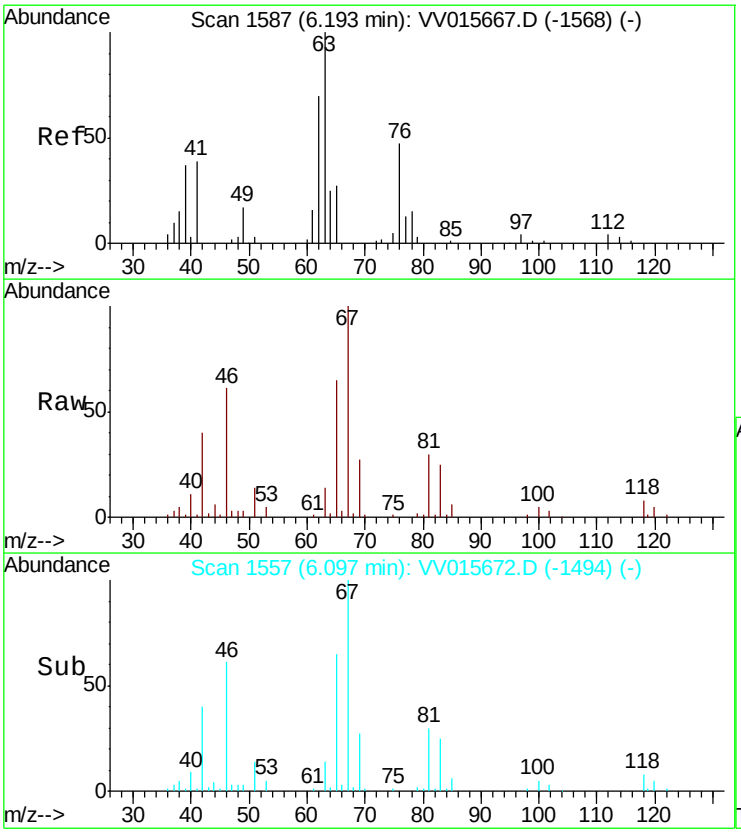
#35
Methylcyclohexane
Concen: 0.767 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV015672.D
Acq: 24 Apr 2020 14:35

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 10766

Ion	Ratio	Lower	Upper
83	100		
55	0.0	66.6	99.8#
98	0.7	39.5	59.3#

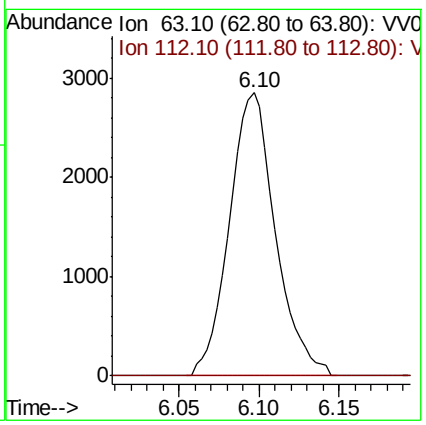


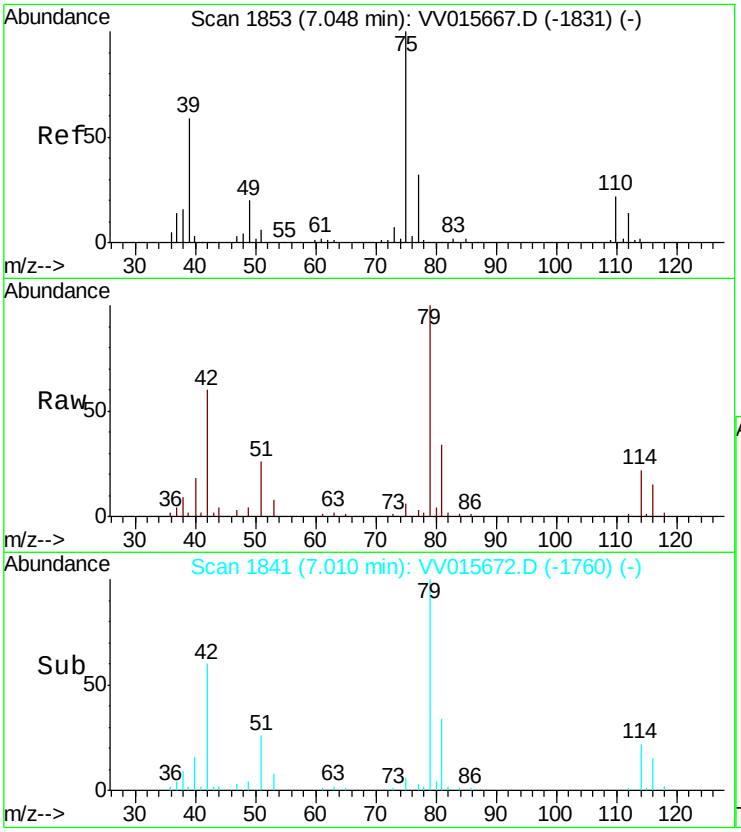


#37
1,2-Dichloropropane
Concen: 0.666 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV015672.D
Acq: 24 Apr 2020 14:35

Tgt Ion: 63 Resp: 5610

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#



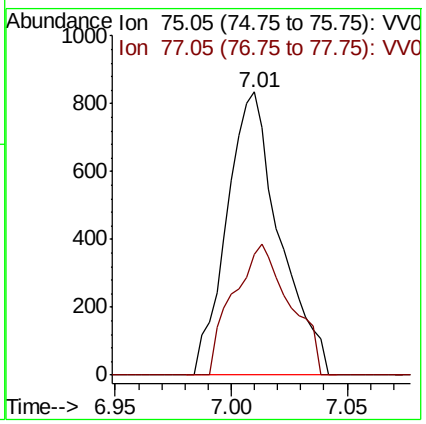


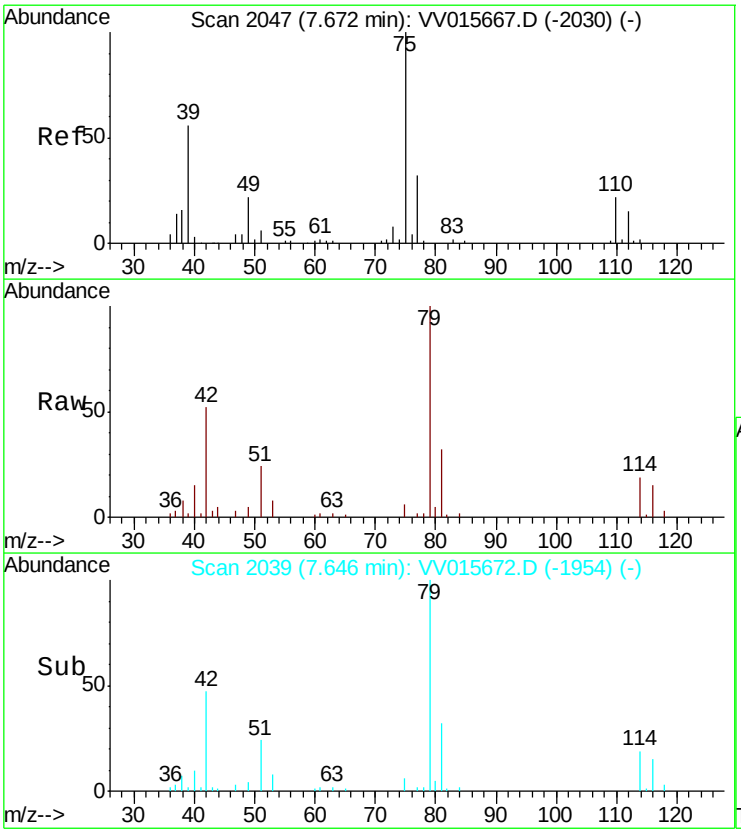
#39
cis-1,3-Dichloropropene
Concen: 0.113 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV015672.D
Acq: 24 Apr 2020 14:35

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 1322

Ion	Ratio	Lower	Upper
75	100		
77	42.8	22.3	41.5#

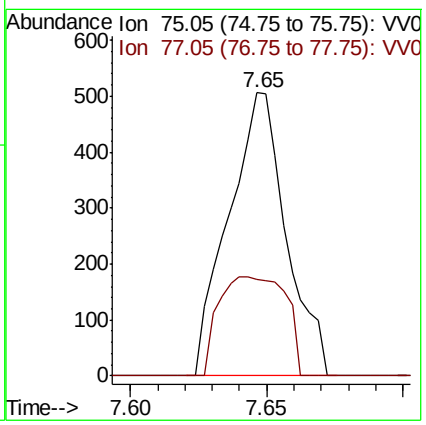


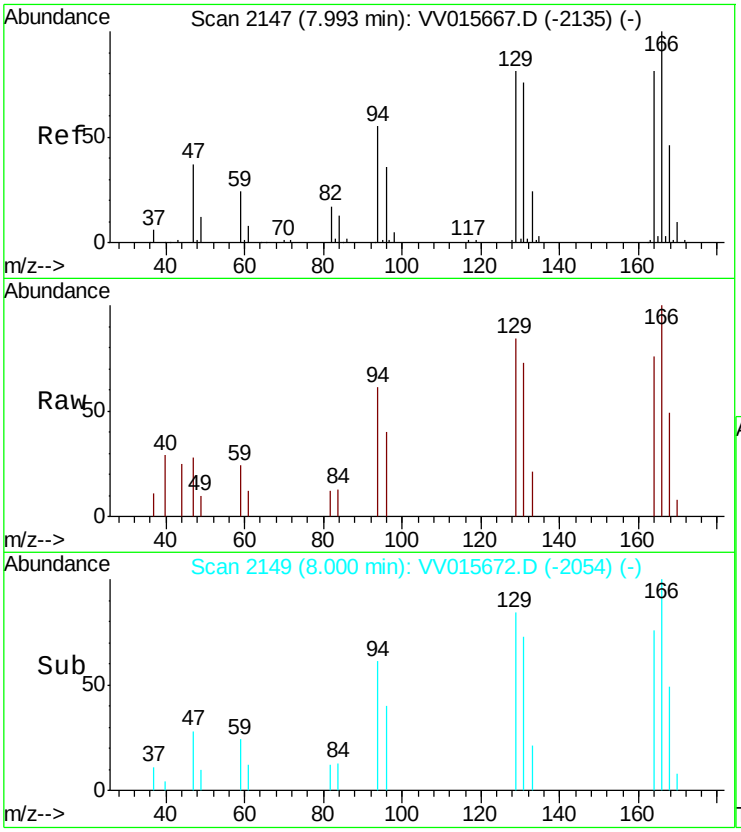


#44
trans-1,3-Dichloropropene
Concen: 0.075 ug/L
RT: 7.65 min Scan# 2039
Delta R.T. -0.03 min
Lab File: VV015672.D
Acq: 24 Apr 2020 14:35

Tgt Ion: 75 Resp: 741

Ion	Ratio	Lower	Upper
75	100		
77	34.0	21.8	40.6



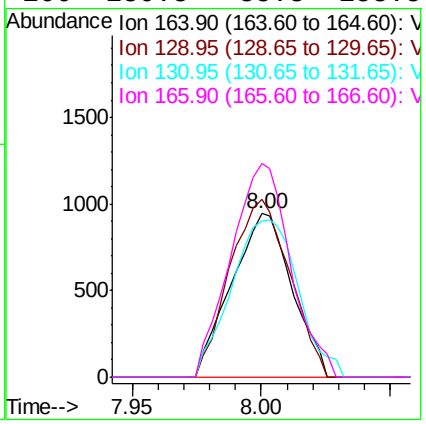


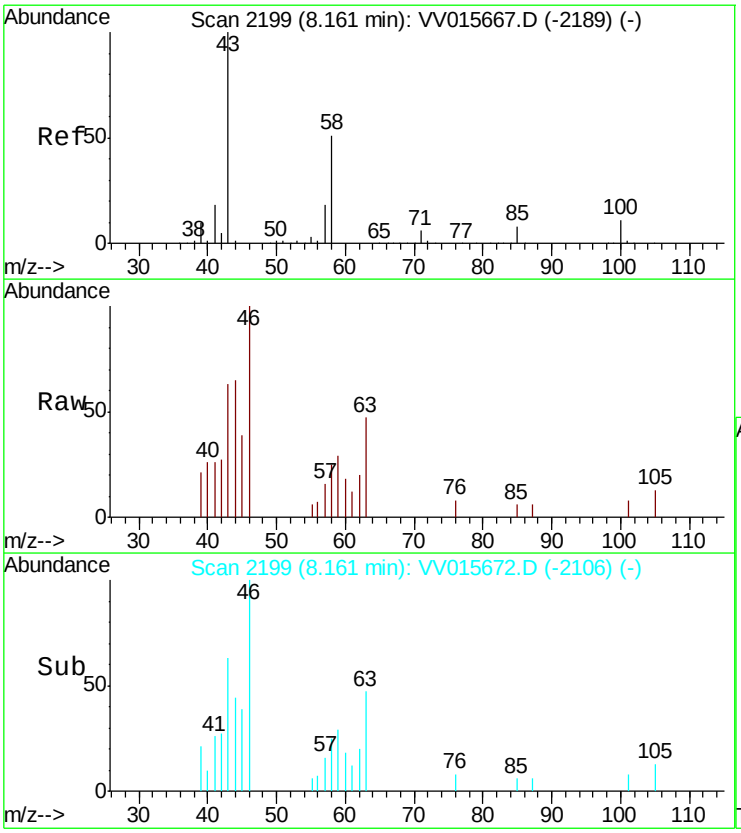
#47
Tetrachloroethene
Concen: 0.235 ug/L
RT: 8.00 min Scan# 2149
Delta R.T. 0.01 min
Lab File: VV015672.D
Acq: 24 Apr 2020 14:35

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:164 Resp: 1545

Ion	Ratio	Lower	Upper
164	100		
129	109.2	66.7	123.9
131	95.8	66.6	123.6
166	130.8	85.3	158.5

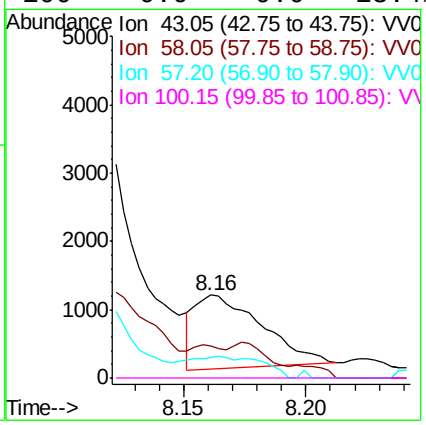


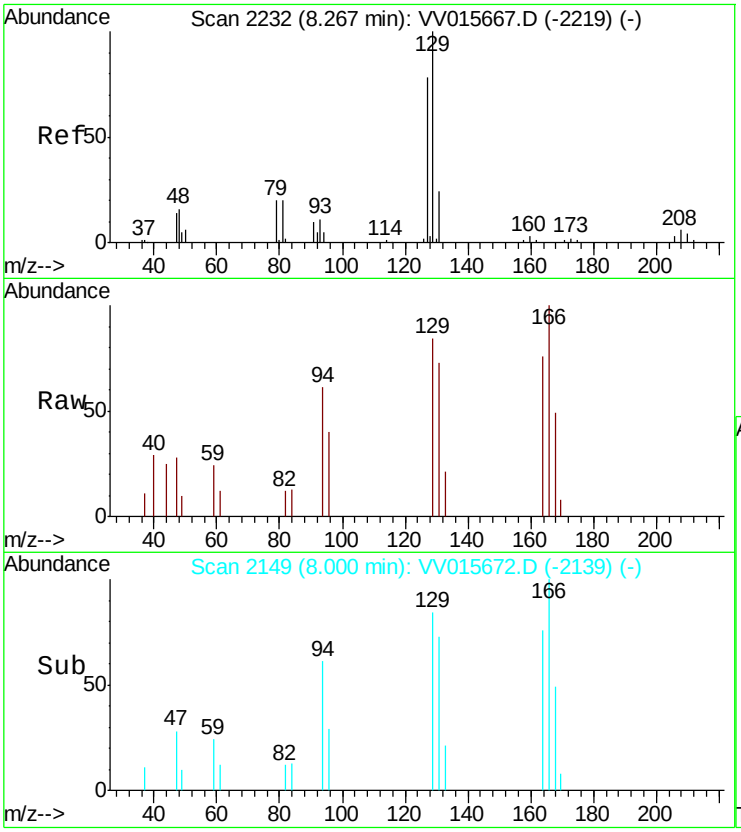


#48
2-Hexanone
Concen: 0.527 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.00 min
Lab File: VV015672.D
Acq: 24 Apr 2020 14:35

Tgt Ion: 43 Resp: 2052

Ion	Ratio	Lower	Upper
43	100		
58	21.3	41.1	61.7#
57	33.7	15.0	22.4#
100	0.0	9.0	13.4#





#49
Dibromochloromethane
Concen: 0.281 ug/L
RT: 8.00 min Scan# 2149
Delta R.T. -0.27 min
Lab File: VV015672.D
Acq: 24 Apr 2020 14:35

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:129 Resp: 1667

Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.6	97.8#