Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100118\
Data File : VV008019.D
Acq On : 02 Oct 2018 02:27
Operator : SY/MD
Sample : J5160-04
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Oct 02 04:20:04 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 02 04:17:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	89362	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	84563	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	41254	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	23362	4.88	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 97.60%			
7) Chloroethane-d5	1.59	69	20047	4.84	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.80%			
11) 1,1-Dichloroethene-d2	2.14	63	44854	4.15	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 83.00%			
20) 2-Butanone-d5	3.98	46	67596	46.91	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 93.82%			
24) Chloroform-d	4.41	84	51062	4.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.60%			
26) 1,2-Dichloroethane-d4	5.09	65	27833	4.64	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.80%			
32) Benzene-d6	5.10	84	101414	5.02	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.40%			
36) 1,2-Dichloropropane-d6	6.12	67	32194	5.03	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.60%			
41) Toluene-d8	7.36	98	92916	4.52	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.40%			
43) trans-1,3-Dichloropropene-	7.67	79	10317	4.19	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.80%			
46) 2-Hexanone-d5	8.14	63	47075	43.28	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 86.56%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	22613	4.58	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.60%			
64) 1,2-Dichlorobenzene-d4	11.68	152	38347	4.80	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	1665	0.222	ug/L	90
8) Chloroethane	1.32	64	360	0.084	ug/L #	1
9) Trichlorofluoromethane	1.77	101	1564	0.134	ug/L	94
12) 1,1-Dichloroethene	2.14	96	14935	2.528	ug/L #	82
15) Methyl Acetate	2.48	43	599	0.223	ug/L #	51
29) 1,1,1-Trichloroethane	4.66	97	13879	1.365	ug/L	98
31) Carbon tetrachloride	4.66	117	1861	0.208	ug/L	98
35) Methylcyclohexane	6.13	83	7525	0.724	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	3713	0.600	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	724	0.087	ug/L #	39
47) Tetrachloroethene	8.02	164	10941	1.703	ug/L	98
49) Dibromochloromethane	8.02	129	9388	1.842	ug/L #	12

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

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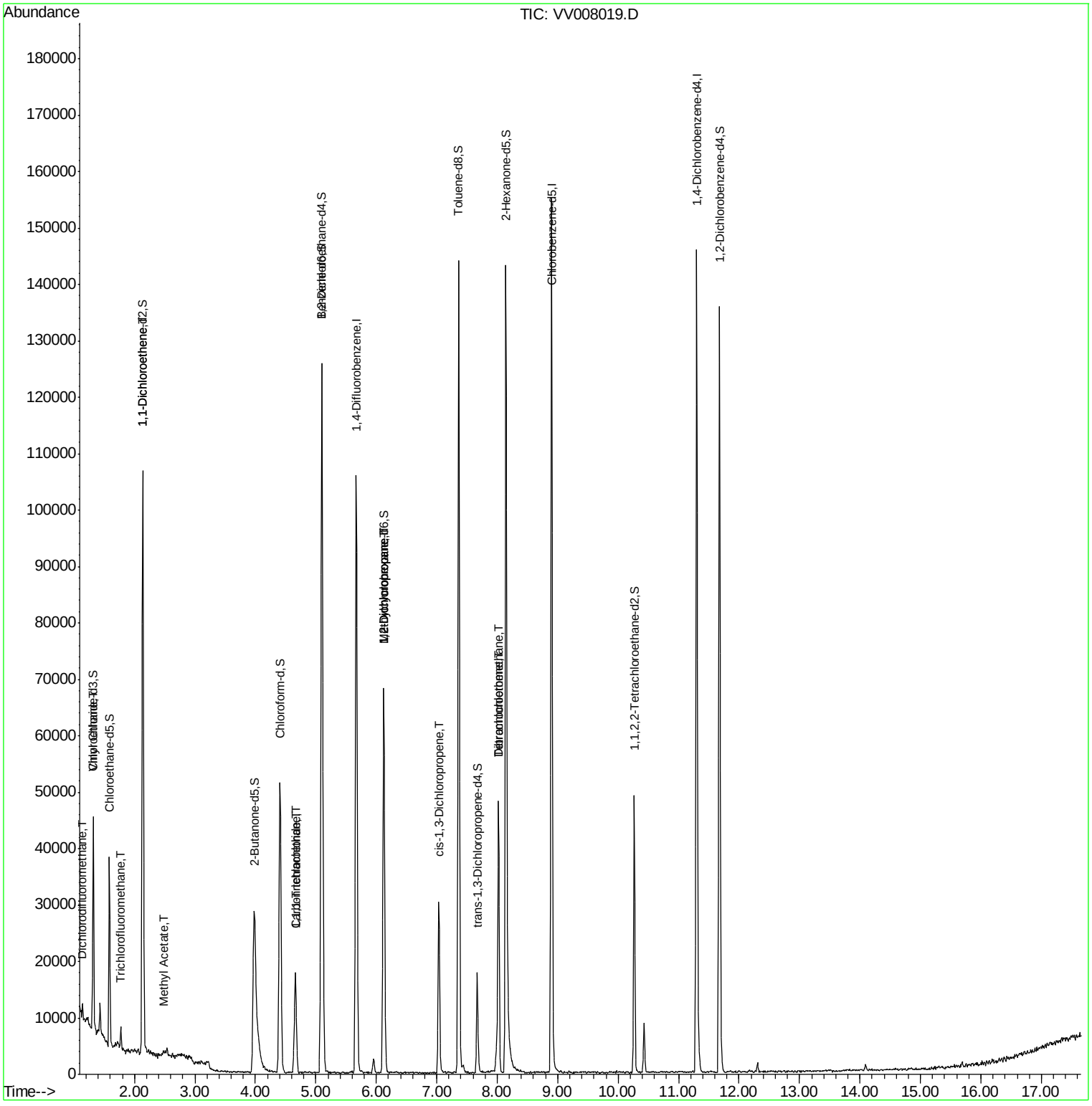
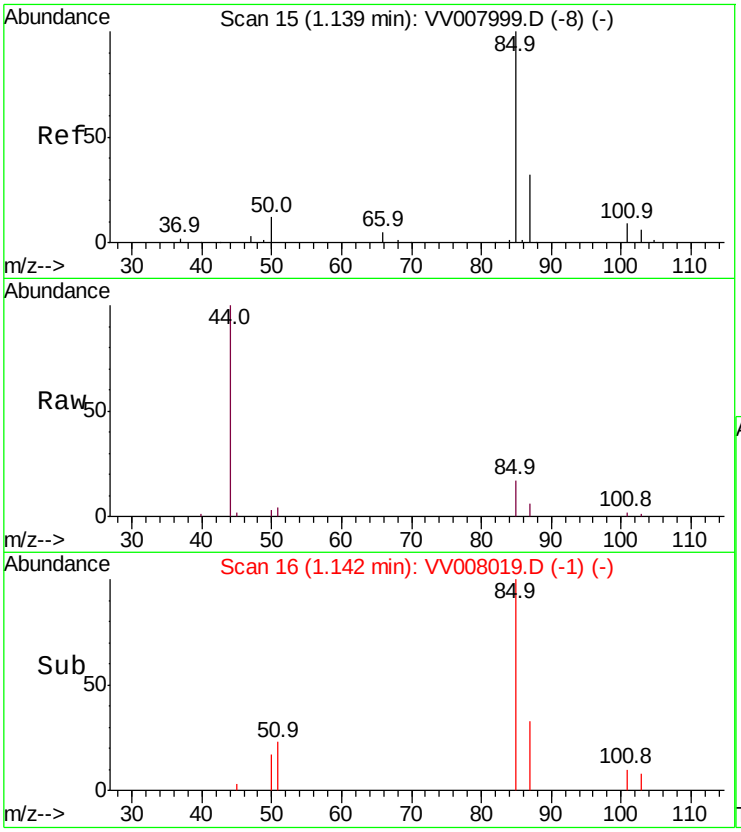
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 02 04:17:24 2018
Response via : Initial Calibration



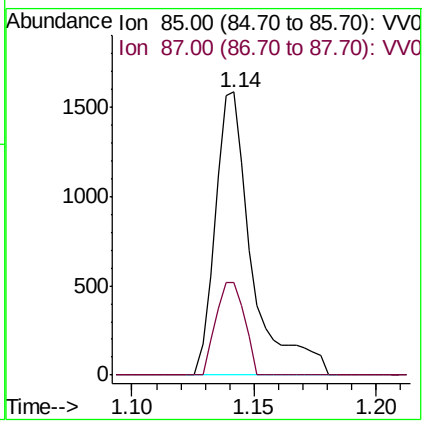


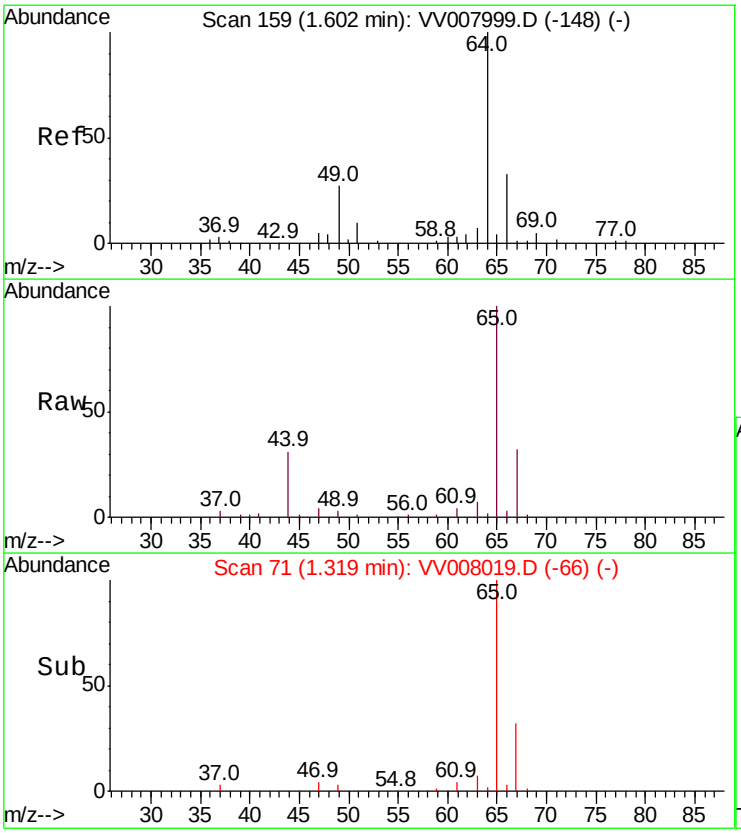
#2
Dichlorodifluoromethane
Concen: 0.222 ug/L
RT: 1.14 min Scan# 16
Delta R.T. 0.00 min
Lab File: VV008019.D
Acq: 02 Oct 2018 02:27

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 85 Resp: 1665

Ion	Ratio	Lower	Upper
85	100		
87	25.8	25.2	37.8

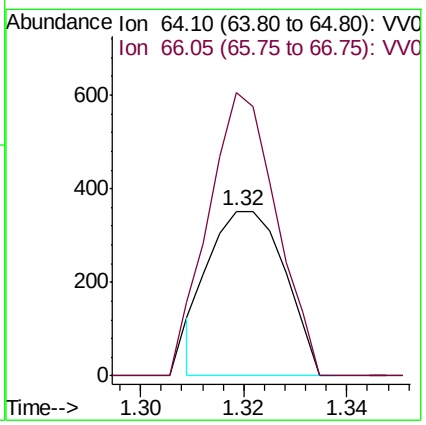


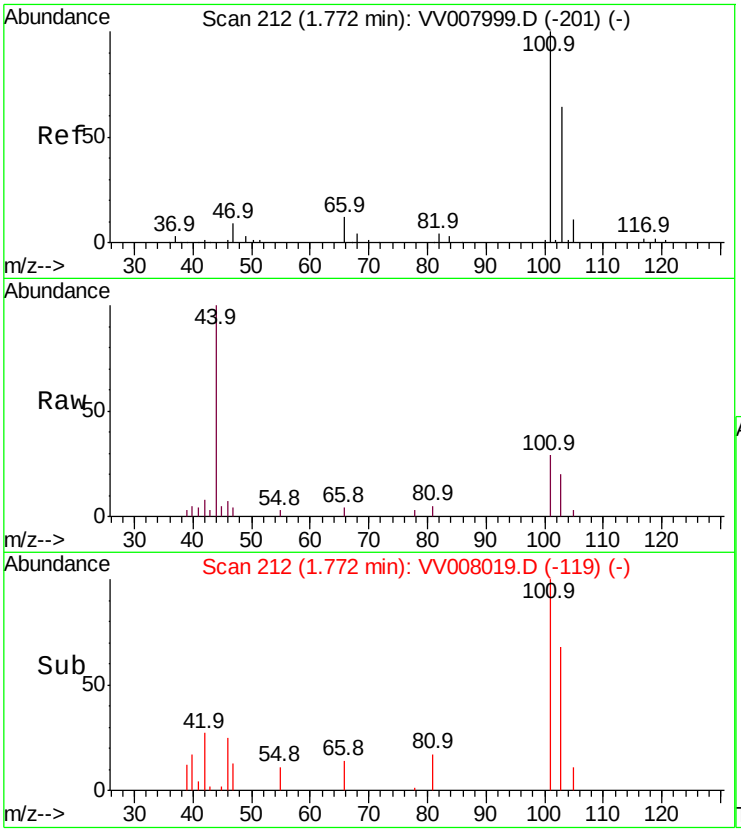


#8
Chloroethane
Concen: 0.084 ug/L
RT: 1.32 min Scan# 71
Delta R.T. -0.28 min
Lab File: VV008019.D
Acq: 02 Oct 2018 02:27

Tgt Ion: 64 Resp: 360

Ion	Ratio	Lower	Upper
64	100		
66	171.9	23.1	42.9#



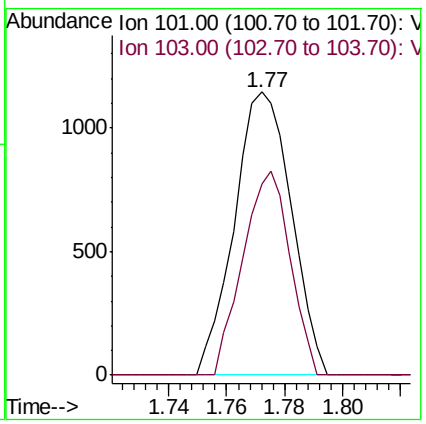


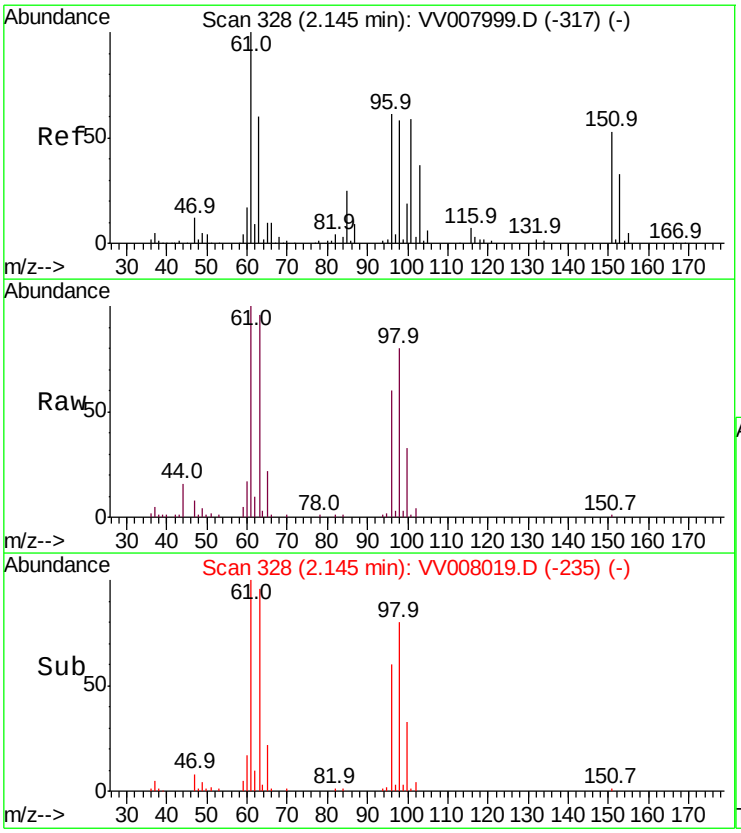
#9
Trichlorofluoromethane
Concen: 0.134 ug/L
RT: 1.77 min Scan# 212
Delta R.T. -0.00 min
Lab File: VV008019.D
Acq: 02 Oct 2018 02:27

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:101 Resp: 1564

Ion	Ratio	Lower	Upper
101	100		
103	59.6	51.5	77.3

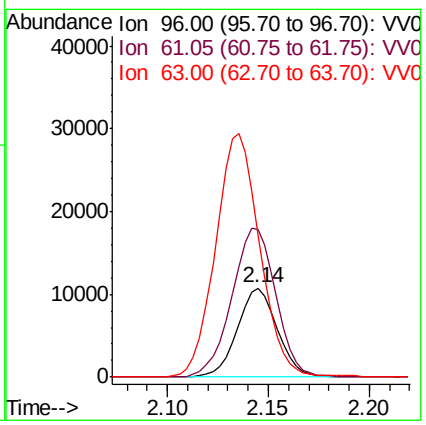


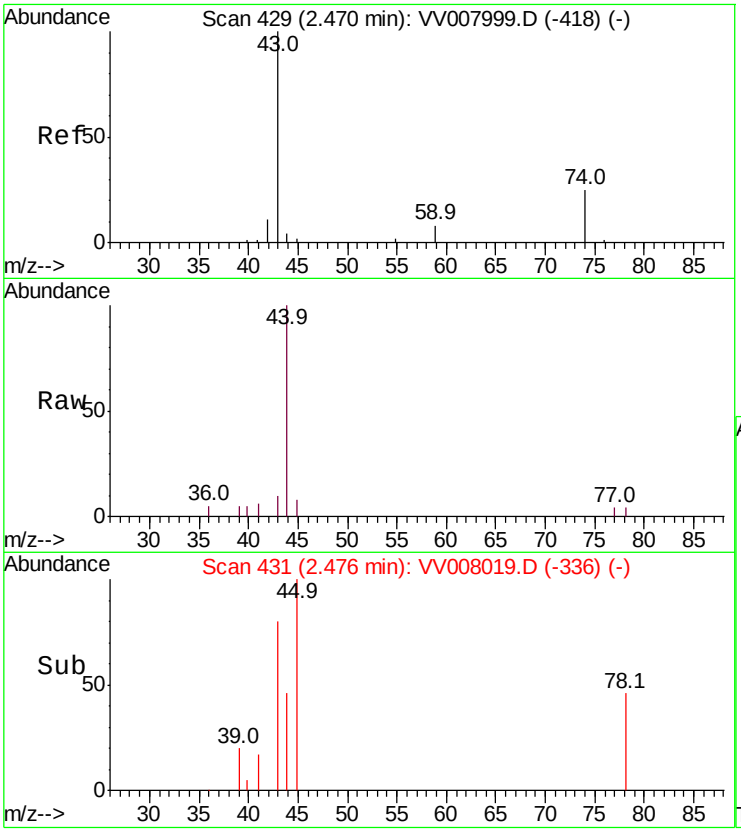


#12
1,1-Dichloroethene
Concen: 2.528 ug/L
RT: 2.14 min Scan# 328
Delta R.T. -0.00 min
Lab File: VV008019.D
Acq: 02 Oct 2018 02:27

Tgt Ion: 96 Resp: 14935

Ion	Ratio	Lower	Upper
96	100		
61	166.6	114.1	211.9
63	159.5	81.5	151.3#



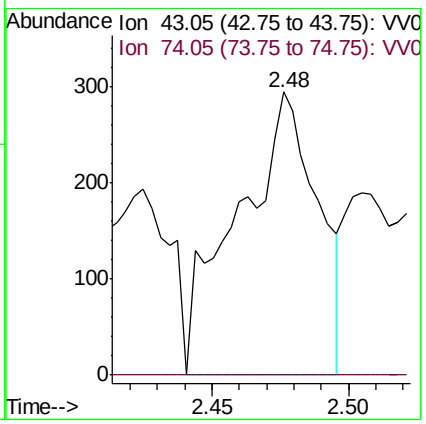


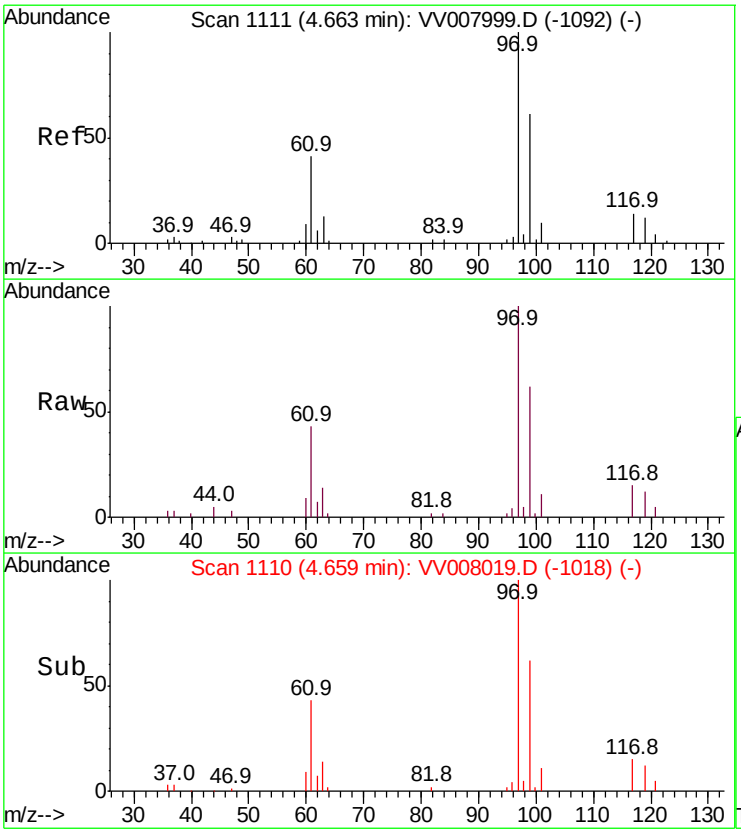
#15
Methyl Acetate
Concen: 0.223 ug/L
RT: 2.48 min Scan# 431
Delta R.T. 0.01 min
Lab File: VV008019.D
Acq: 02 Oct 2018 02:27

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 599

Ion	Ratio	Lower	Upper
43	100		
74	0.0	19.5	29.3#

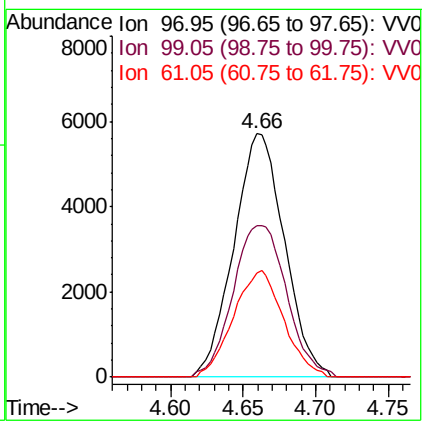


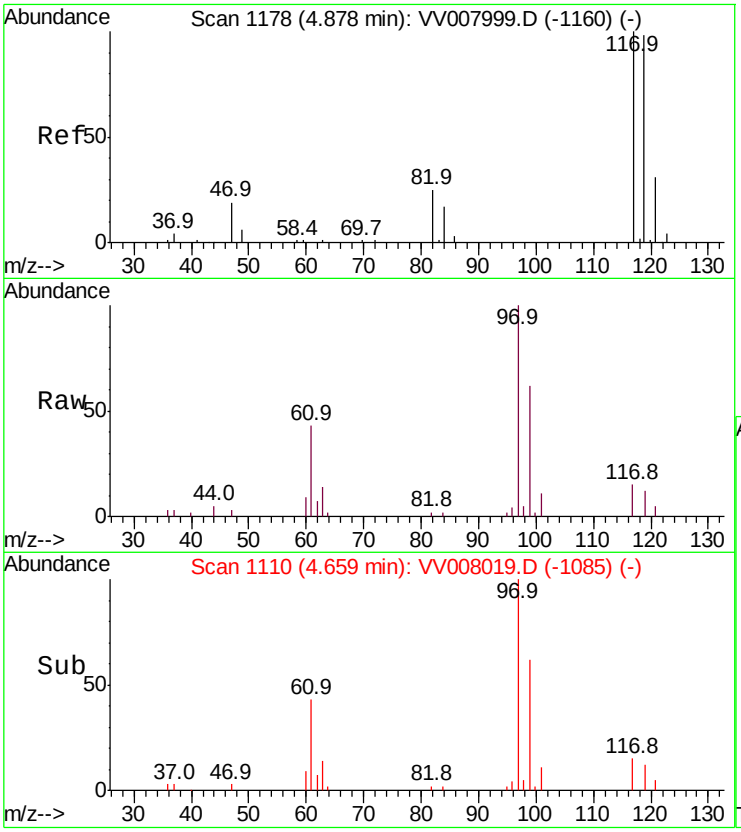


#29
1,1,1-Trichloroethane
Concen: 1.365 ug/L
RT: 4.66 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VV008019.D
Acq: 02 Oct 2018 02:27

Tgt Ion: 97 Resp: 13879

Ion	Ratio	Lower	Upper
97	100		
99	66.1	51.2	76.8
61	43.2	34.6	52.0



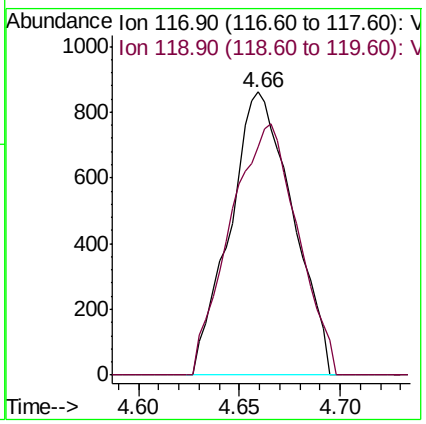


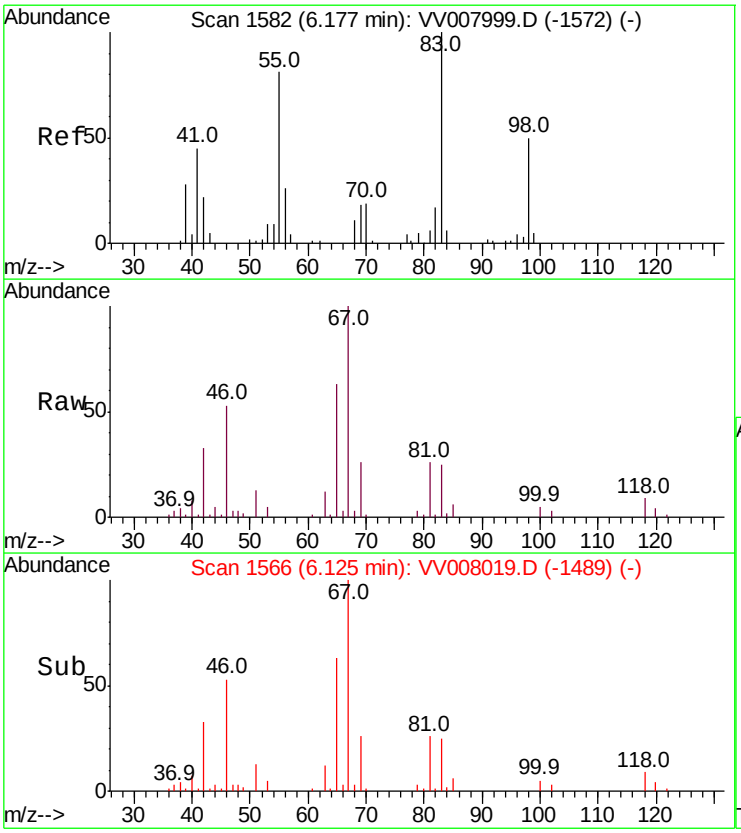
#31
Carbon tetrachloride
Concen: 0.208 ug/L
RT: 4.66 min Scan# 1110
Delta R.T. -0.22 min
Lab File: VV008019.D
Acq: 02 Oct 2018 02:27

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:117 Resp: 1861

Ion	Ratio	Lower	Upper
117	100		
119	95.7	77.8	116.8

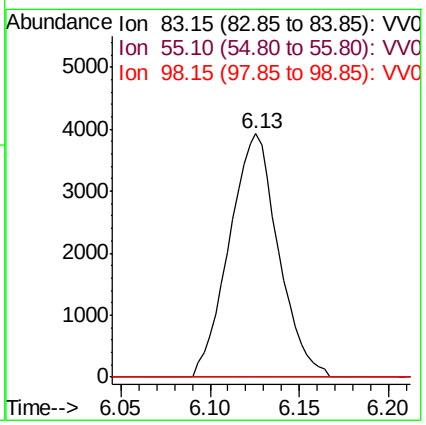


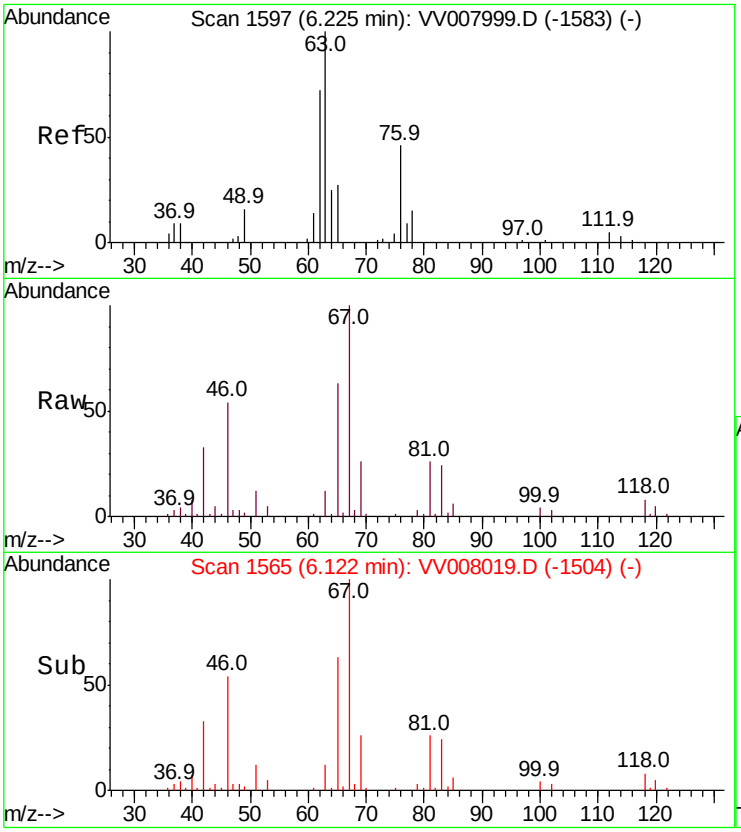


#35
Methylcyclohexane
Concen: 0.724 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.05 min
Lab File: VV008019.D
Acq: 02 Oct 2018 02:27

Tgt Ion: 83 Resp: 7525

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.2	93.2#
98	0.0	38.0	57.0#



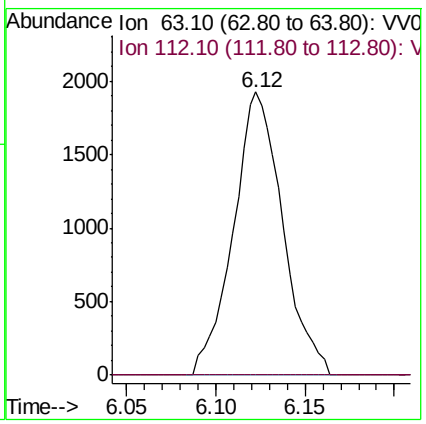


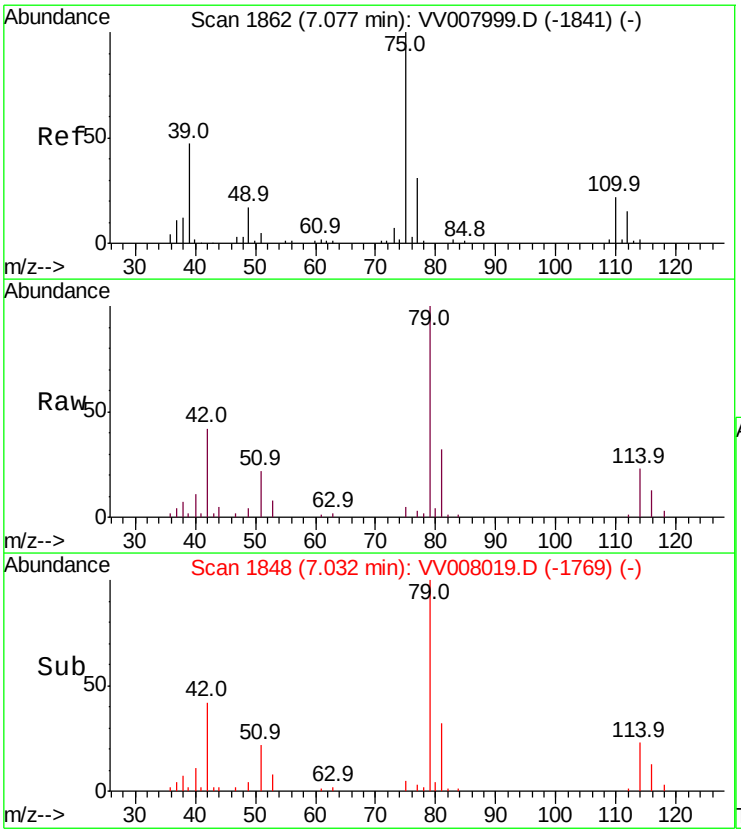
#37
1,2-Dichloropropane
Concen: 0.600 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV008019.D
Acq: 02 Oct 2018 02:27

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 3713

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.0#

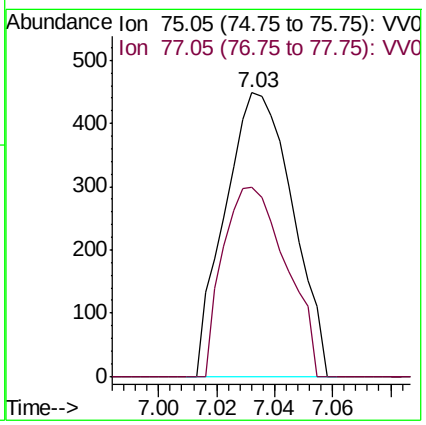


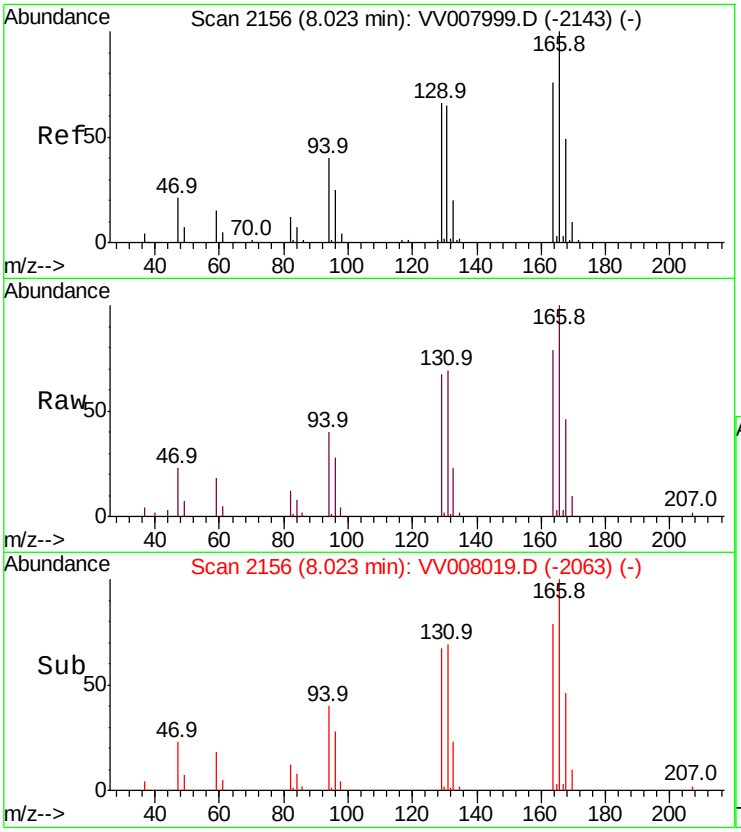


#39
cis-1,3-Dichloropropene
Concen: 0.087 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.05 min
Lab File: VV008019.D
Acq: 02 Oct 2018 02:27

Tgt Ion: 75 Resp: 724

Ion	Ratio	Lower	Upper
75	100		
77	67.0	22.9	42.5#



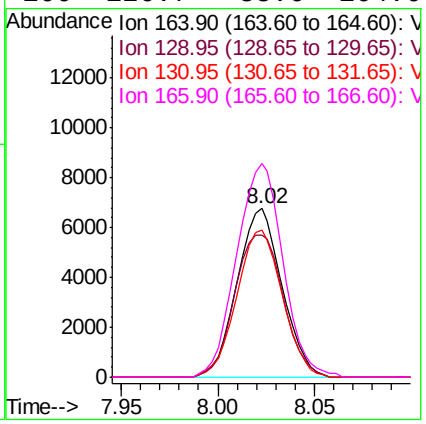


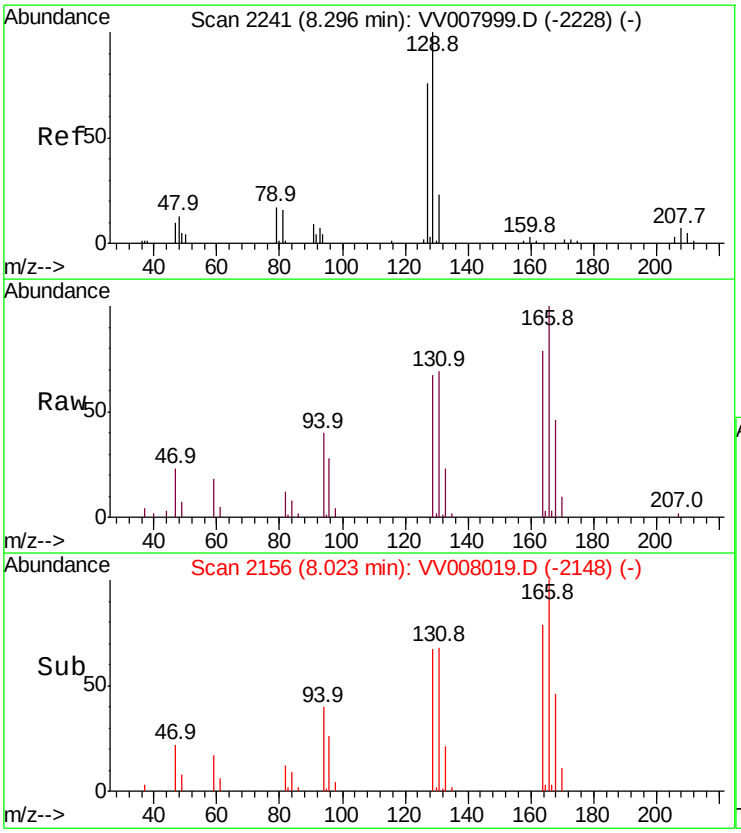
#47
Tetrachloroethene
Concen: 1.703 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. -0.00 min
Lab File: VV008019.D
Acq: 02 Oct 2018 02:27

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:164 Resp: 10941

Ion	Ratio	Lower	Upper
164	100		
129	84.6	59.2	110.0
131	87.3	57.1	106.1
166	126.7	88.6	164.6





#49
Dibromochloromethane
Concen: 1.842 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. -0.27 min
Lab File: VV008019.D
Acq: 02 Oct 2018 02:27

Tgt Ion:129 Resp: 9388

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.1	98.5#