Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092818\
Data File : VV007982.D
Acq On : 29 Sep 2018 04:34
Operator : SY/MD
Sample : J5159-06
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAC92

Quant Time: Oct 01 04:58:24 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 01 04:55:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	84177	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	82401	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	39373	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	17269	3.83	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 76.60%			
7) Chloroethane-d5	1.59	69	17325	4.44	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.80%			
11) 1,1-Dichloroethene-d2	2.14	63	29200	2.87	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 57.40%#			
20) 2-Butanone-d5	3.97	46	65973	48.61	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 97.22%			
24) Chloroform-d	4.41	84	46935	4.57	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.40%			
26) 1,2-Dichloroethane-d4	5.09	65	25934	4.59	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.80%			
32) Benzene-d6	5.10	84	86583	4.40	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.00%			
36) 1,2-Dichloropropane-d6	6.12	67	28620	4.59	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.80%			
41) Toluene-d8	7.36	98	80106	4.00	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 80.00%			
43) trans-1,3-Dichloropropene-	7.67	79	8688	3.62	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 72.40%			
46) 2-Hexanone-d5	8.14	63	49191	46.41	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 92.82%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	21416	4.45	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 89.00%			
64) 1,2-Dichlorobenzene-d4	11.68	152	34944	4.59	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	8850	1.253	ug/L	96
8) Chloroethane	1.60	64	367	0.090	ug/L #	71
9) Trichlorofluoromethane	1.78	101	7957	0.725	ug/L	100
15) Methyl Acetate	2.48	43	314	0.124	ug/L #	51
16) Methylene chloride	2.54	84	917	0.148	ug/L	93
19) 1,1-Dichloroethane	3.23	63	24007	2.294	ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	4598	0.740	ug/L	90
25) Chloroform	4.44	83	1108	0.098	ug/L	90
29) 1,1,1-Trichloroethane	4.66	97	2399	0.242	ug/L	96
34) Trichloroethene	5.96	95	4493	0.665	ug/L	92
35) Methylcyclohexane	6.12	83	7420	0.732	ug/L #	18
39) cis-1,3-Dichloropropene	7.04	75	628	0.078	ug/L #	47
45) 1,1,2-Trichloroethane	8.02	97	574	0.132	ug/L #	1
47) Tetrachloroethene	8.02	164	95452	15.246	ug/L	98
48) 2-Hexanone	8.14	43	6409	2.436	ug/L #	69
49) Dibromochloromethane	8.02	129	78571	15.822	ug/L #	12

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092818\
Data File : VV007982.D
Acq On : 29 Sep 2018 04:34
Operator : SY/MD
Sample : J5159-06
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAC92

Quant Time: Oct 01 04:58:24 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 01 04:55:39 2018
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\VV092818\
Data File : VV007982.D
Acq On : 29 Sep 2018 04:34
Operator : SY/MD
Sample : J5159-06
Misc : 25.0 mL/MSVOA_V/WATER
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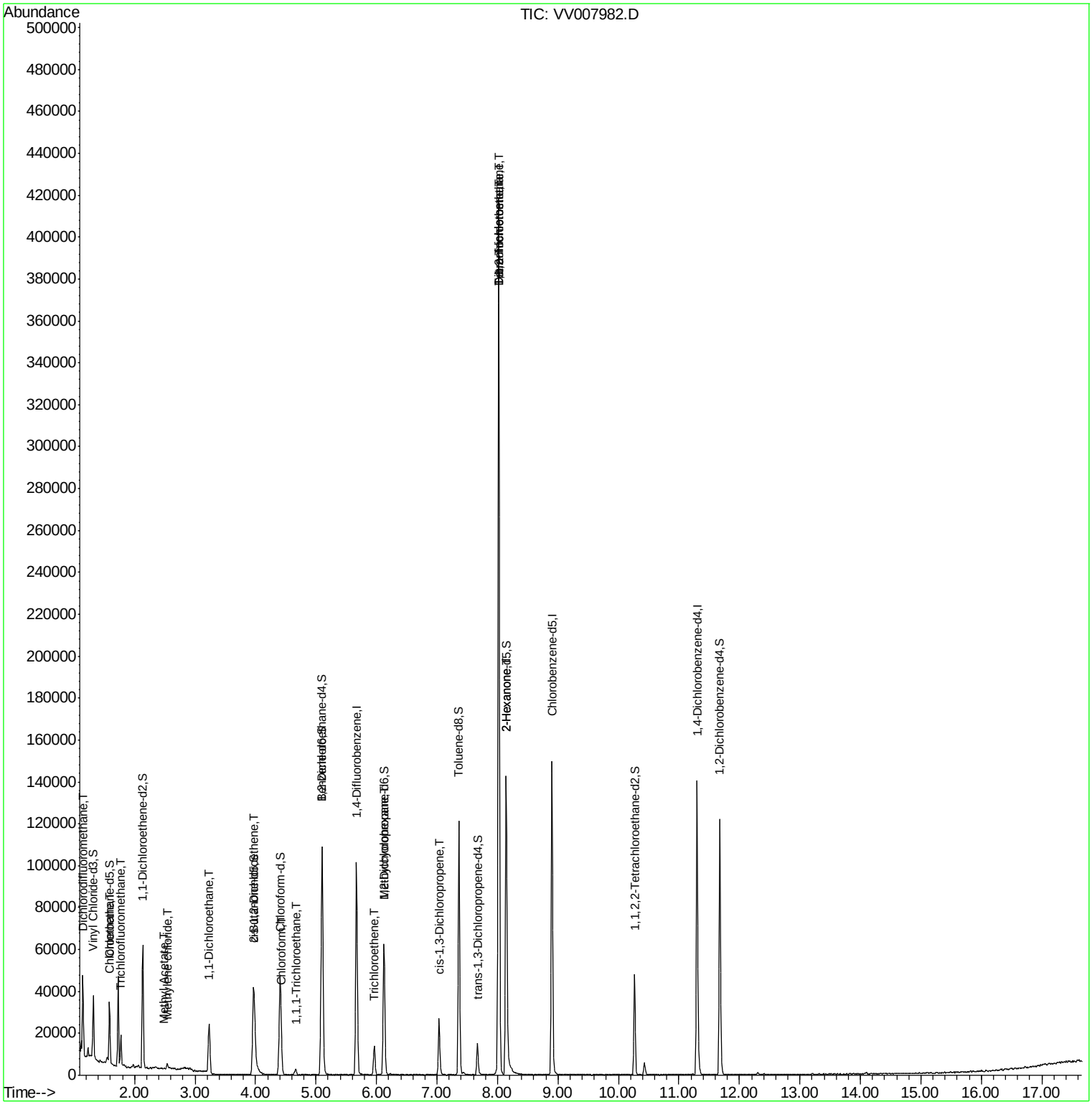
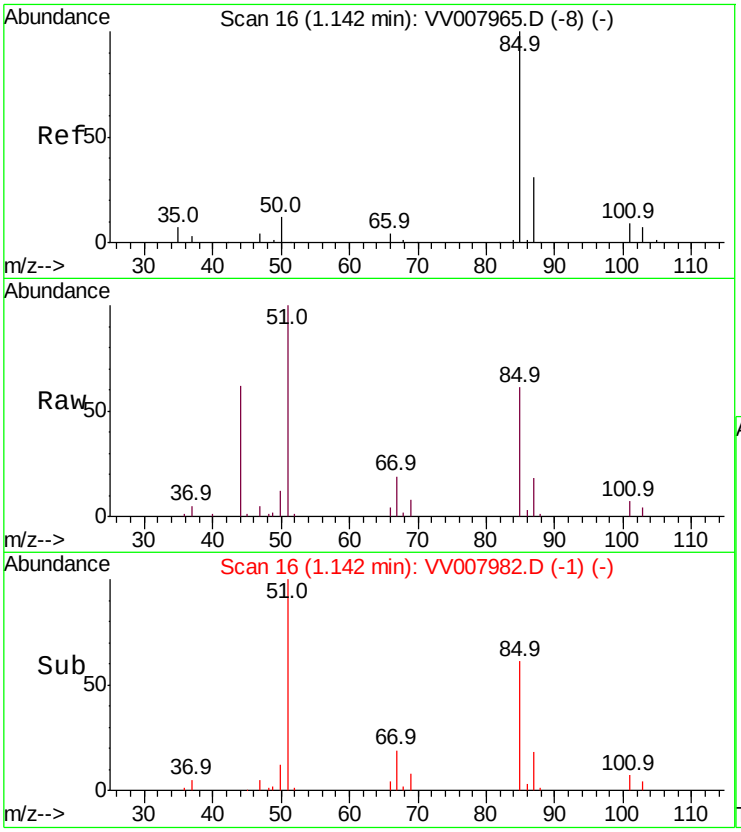
Instrument :
MSVOA_V
ClientSampleId :
GAC92

Quant Time: Oct 01 04:58:24 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 01 04:55:39 2018
Response via : Initial Calibration



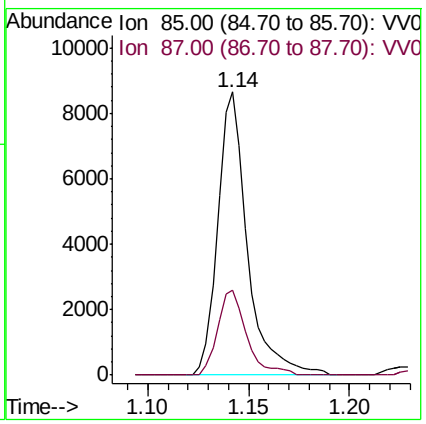


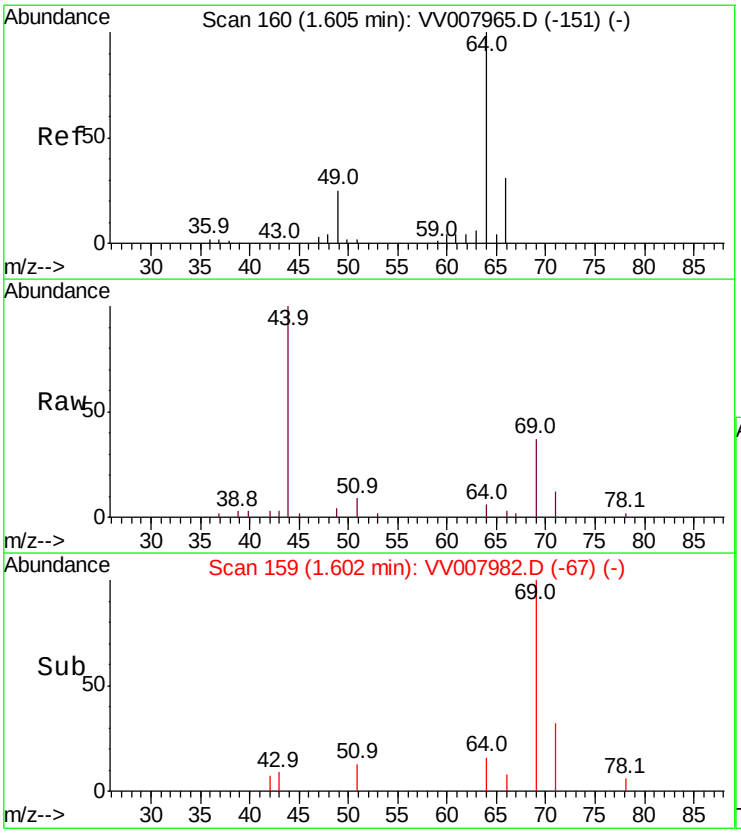
#2
Dichlorodifluoromethane
Concen: 1.253 ug/L
RT: 1.14 min Scan# 16
Delta R.T. 0.00 min
Lab File: VV007982.D
Acq: 29 Sep 2018 04:34

Instrument :
MSVOA_V
ClientSampleId :
GAC92

Tgt Ion: 85 Resp: 8850

Ion	Ratio	Lower	Upper
85	100		
87	29.2	25.2	37.8

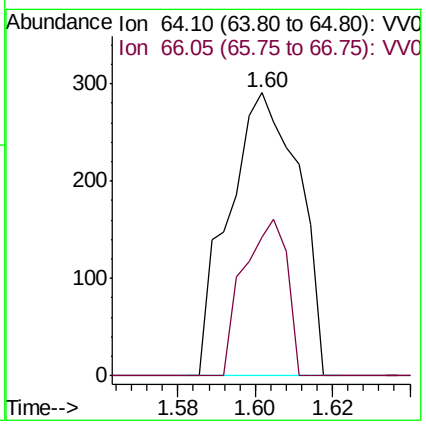


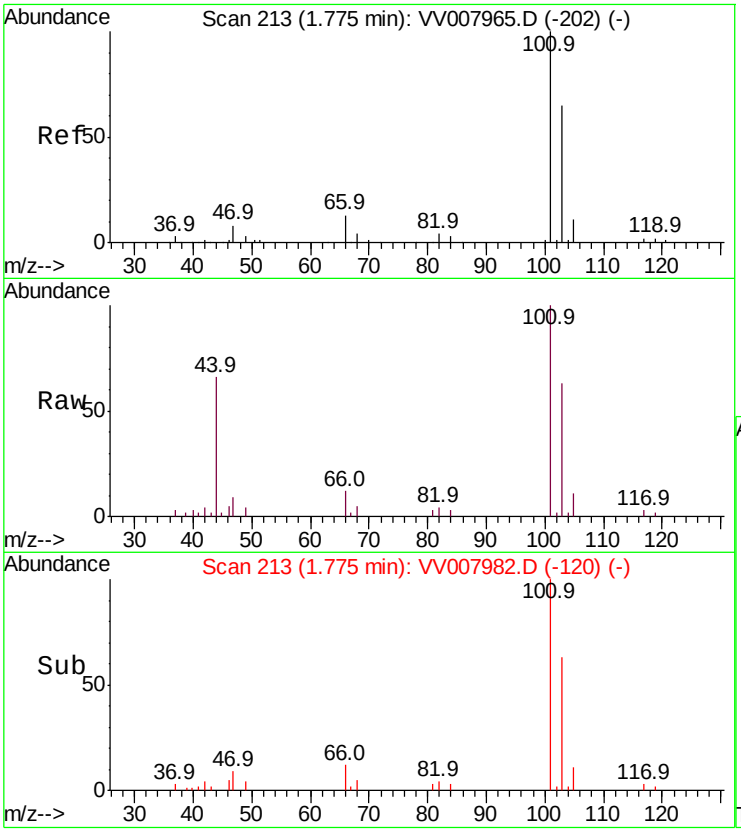


#8
Chloroethane
Concen: 0.090 ug/L
RT: 1.60 min Scan# 159
Delta R.T. -0.00 min
Lab File: VV007982.D
Acq: 29 Sep 2018 04:34

Tgt Ion: 64 Resp: 367

Ion	Ratio	Lower	Upper
64	100		
66	49.1	23.1	42.9#



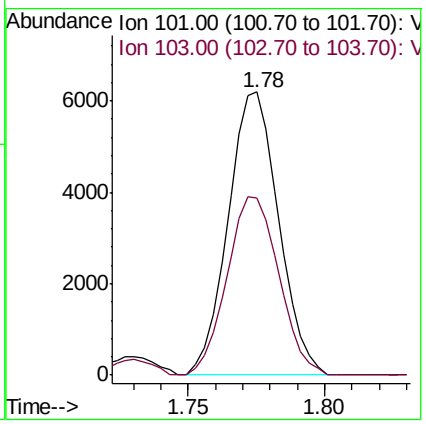


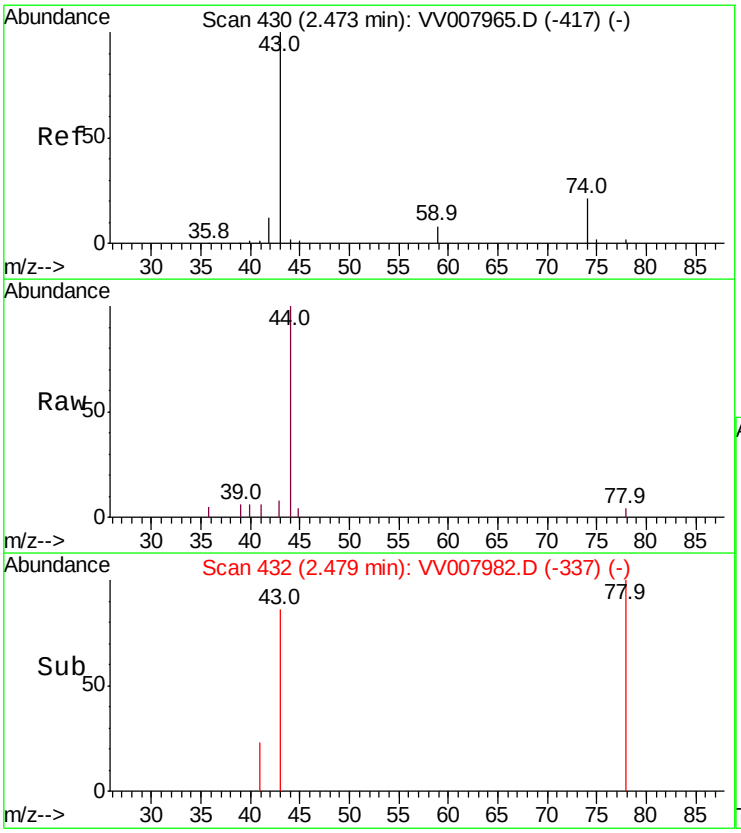
#9
Trichlorofluoromethane
Concen: 0.725 ug/L
RT: 1.78 min Scan# 213
Delta R.T. 0.00 min
Lab File: VV007982.D
Acq: 29 Sep 2018 04:34

Instrument : MSVOA_V
ClientSampleId : GAC92

Tgt Ion:101 Resp: 7957

Ion	Ratio	Lower	Upper
101	100		
103	64.8	51.5	77.3

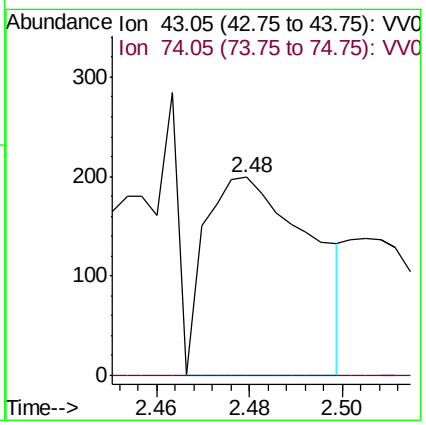


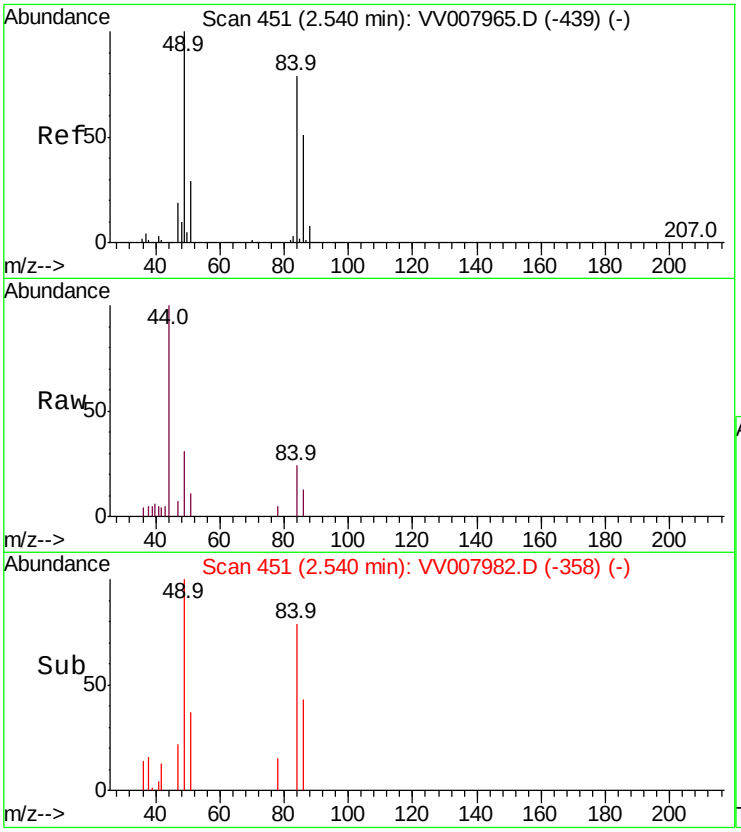


#15
Methyl Acetate
Concen: 0.124 ug/L
RT: 2.48 min Scan# 432
Delta R.T. 0.01 min
Lab File: VV007982.D
Acq: 29 Sep 2018 04:34

Tgt Ion: 43 Resp: 314

Ion	Ratio	Lower	Upper
43	100		
74	0.0	19.5	29.3#



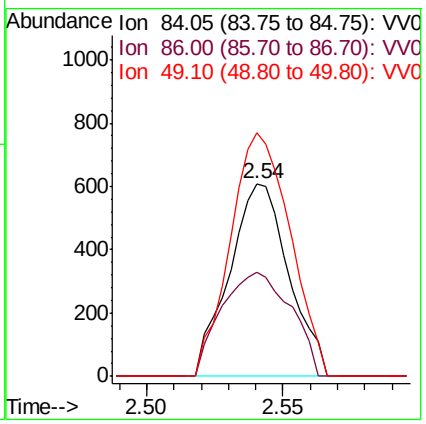


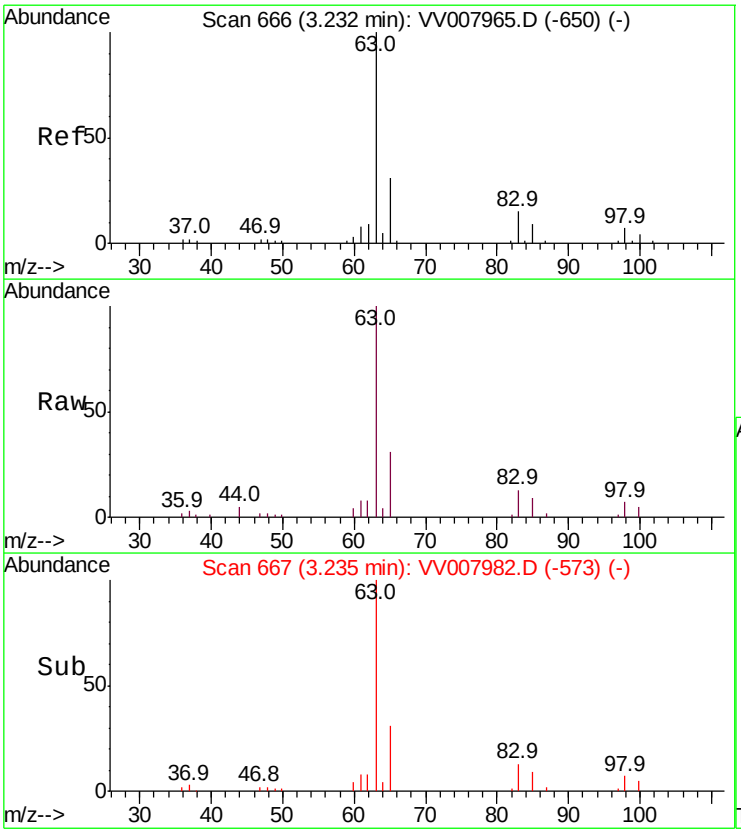
#16
Methylene chloride
Concen: 0.148 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.00 min
Lab File: VV007982.D
Acq: 29 Sep 2018 04:34

Instrument : MSVOA_V
ClientSampleId : GAC92

Tgt Ion: 84 Resp: 917

Ion	Ratio	Lower	Upper
84	100		
86	53.8	47.3	87.8
49	126.1	90.0	167.2

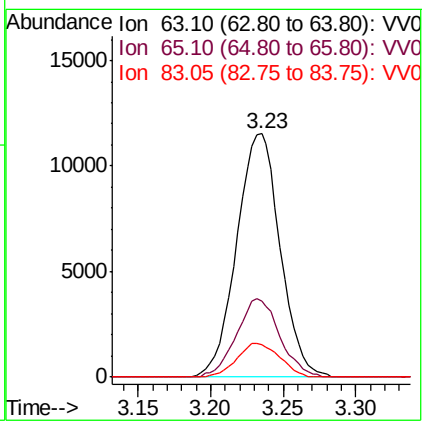


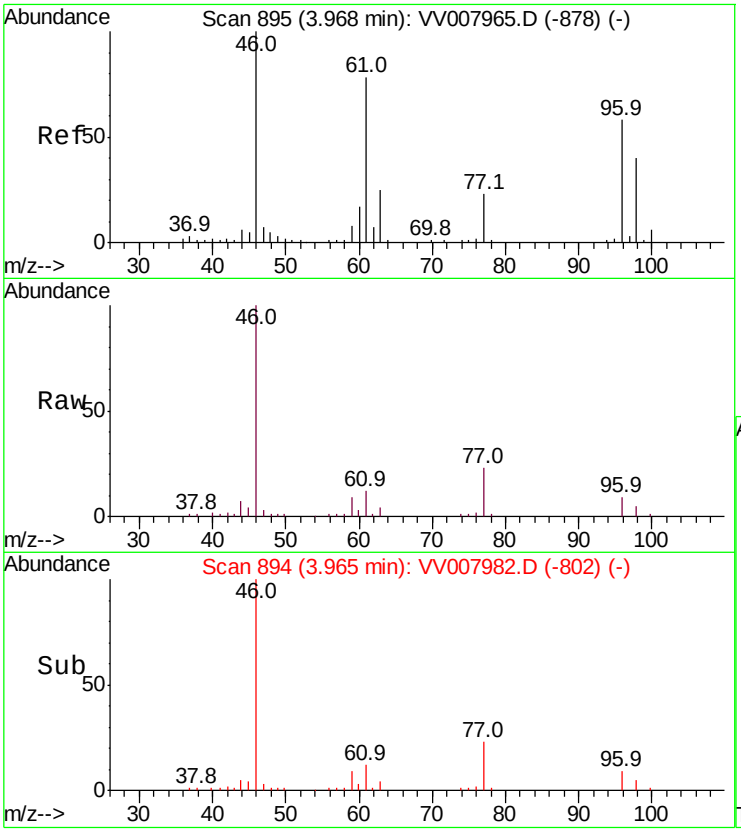


#19
1,1-Dichloroethane
Concen: 2.294 ug/L
RT: 3.23 min Scan# 667
Delta R.T. 0.00 min
Lab File: VV007982.D
Acq: 29 Sep 2018 04:34

Tgt Ion: 63 Resp: 24007

Ion	Ratio	Lower	Upper
63	100		
65	31.0	22.3	41.5
83	13.2	9.8	18.2



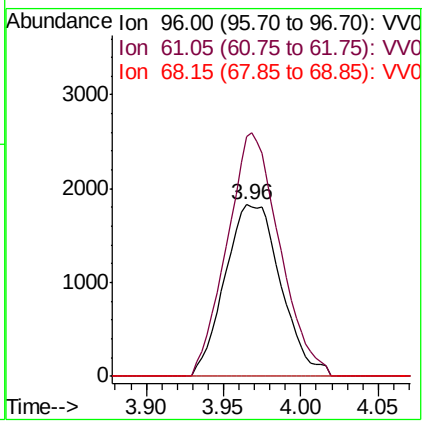


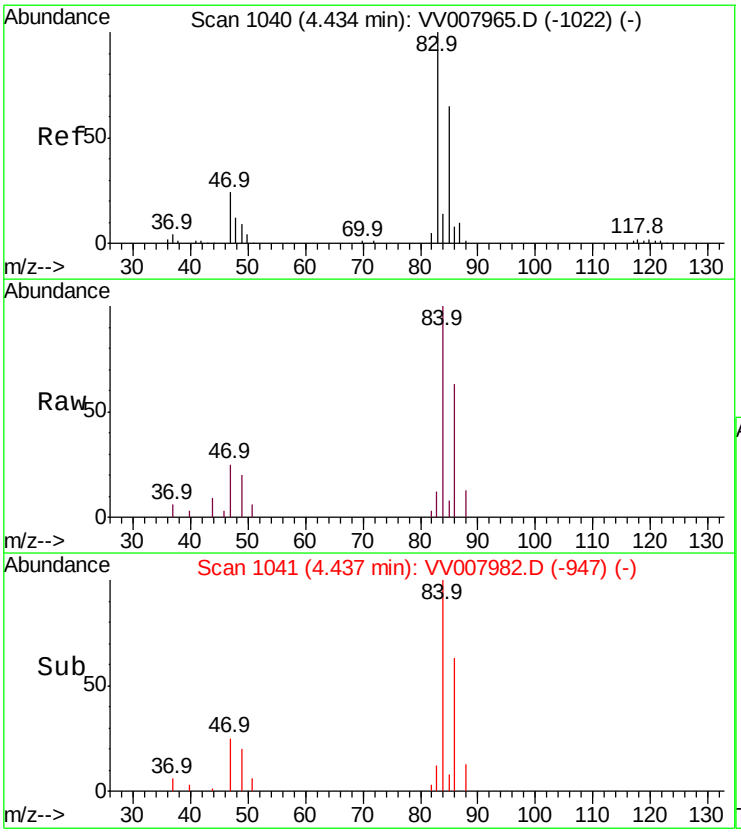
#22
cis-1,2-Dichloroethene
Concen: 0.740 ug/L
RT: 3.96 min Scan# 894
Delta R.T. -0.00 min
Lab File: VV007982.D
Acq: 29 Sep 2018 04:34

Instrument : MSVOA_V
ClientSampleId : GAC92

Tgt Ion: 96 Resp: 4598

Ion	Ratio	Lower	Upper
96	100		
61	139.8	89.5	166.1
68	0.0	0.0	0.0

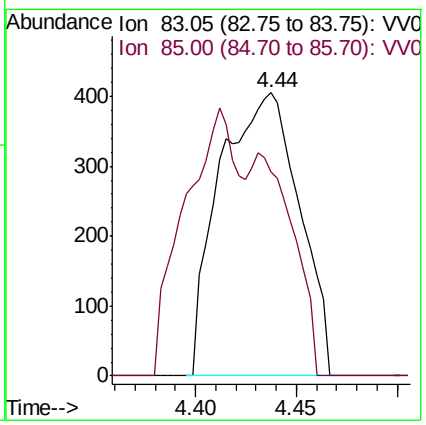


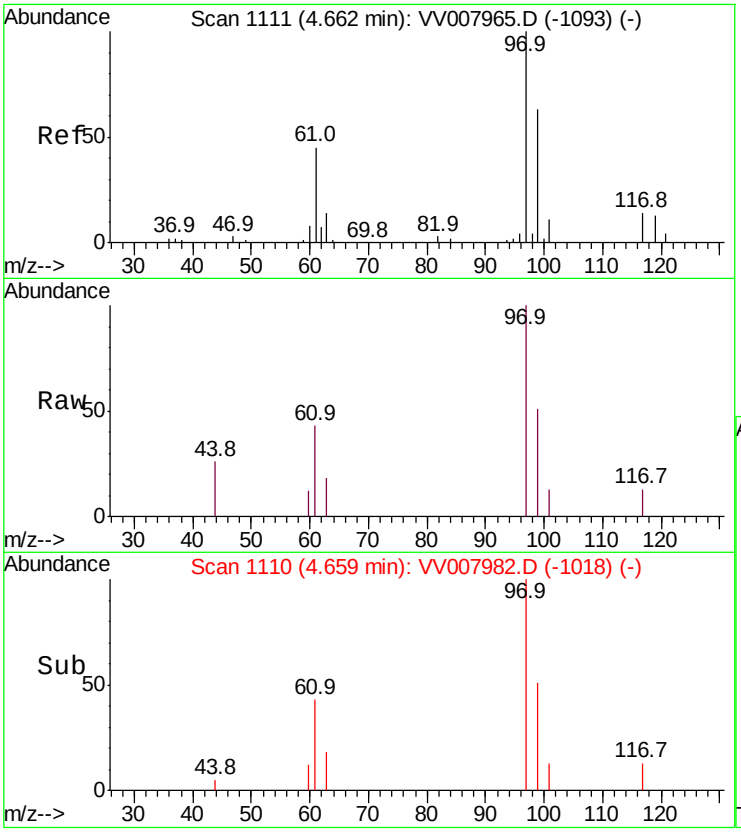


#25
Chloroform
Concen: 0.098 ug/L
RT: 4.44 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VV007982.D
Acq: 29 Sep 2018 04:34

Tgt Ion: 83 Resp: 1108

Ion	Ratio	Lower	Upper
83	100		
85	72.1	44.8	83.2



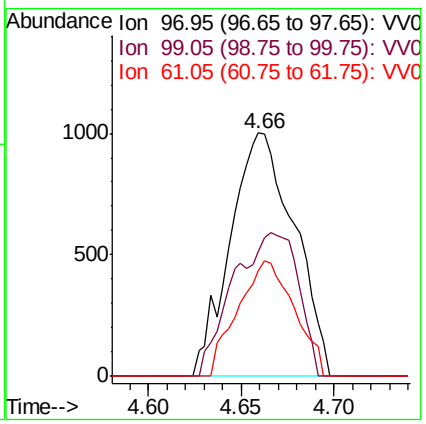


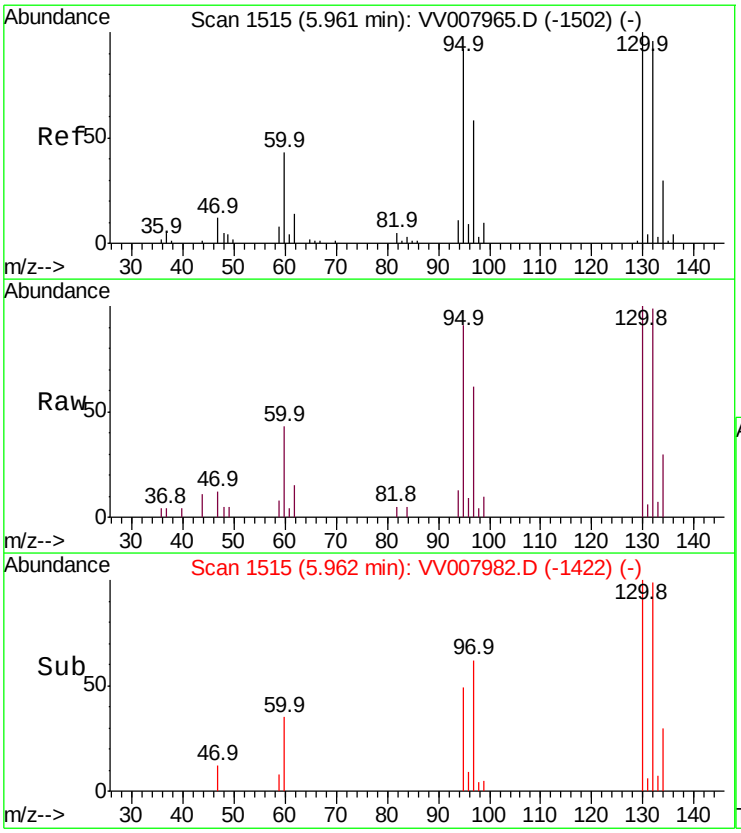
#29
1,1,1-Trichloroethane
Concen: 0.242 ug/L
RT: 4.66 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VV007982.D
Acq: 29 Sep 2018 04:34

Instrument : MSVOA_V
ClientSampleId : GAC92

Tgt Ion: 97 Resp: 2399

Ion	Ratio	Lower	Upper
97	100		
99	59.9	51.2	76.8
61	41.9	34.6	52.0

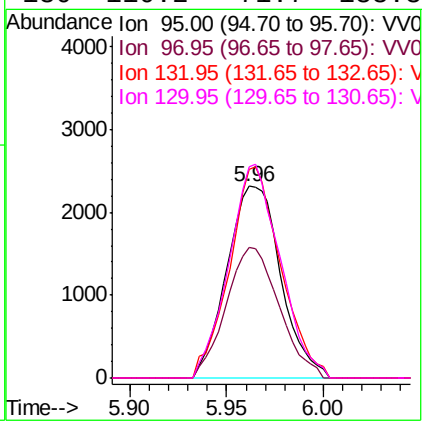


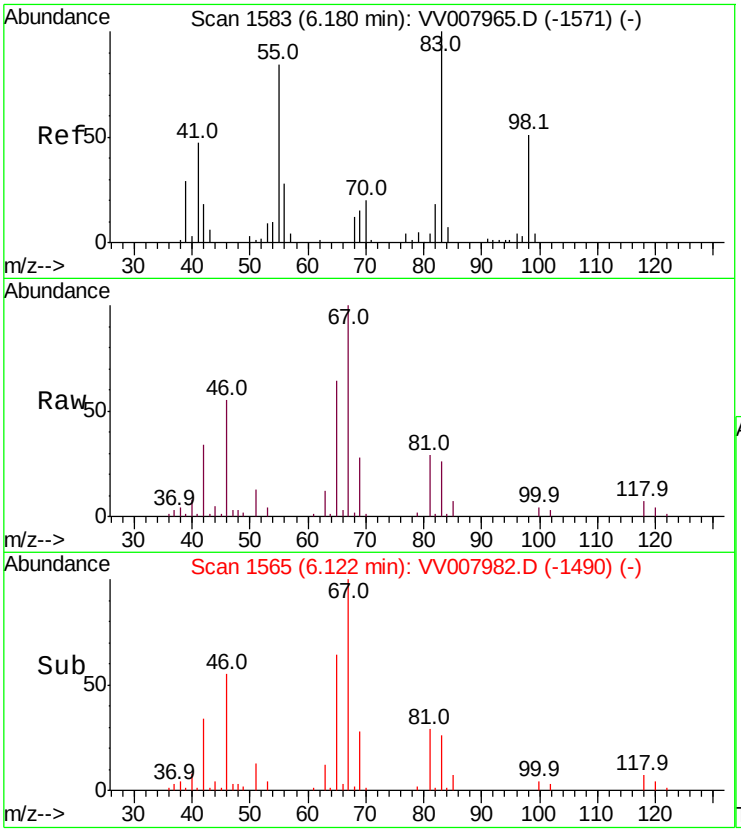


#34
Trichloroethene
Concen: 0.665 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV007982.D
Acq: 29 Sep 2018 04:34

Tgt Ion: 95 Resp: 4493

Ion	Ratio	Lower	Upper
95	100		
97	67.9	43.6	81.0
132	109.0	69.9	129.9
130	110.2	71.7	133.3



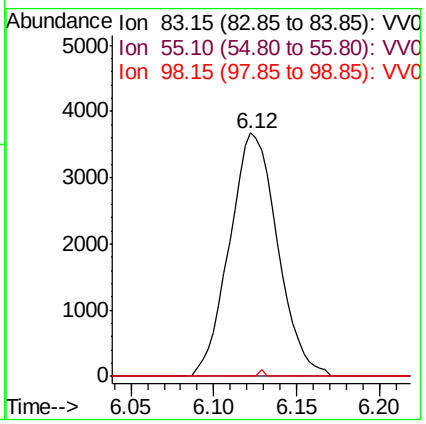


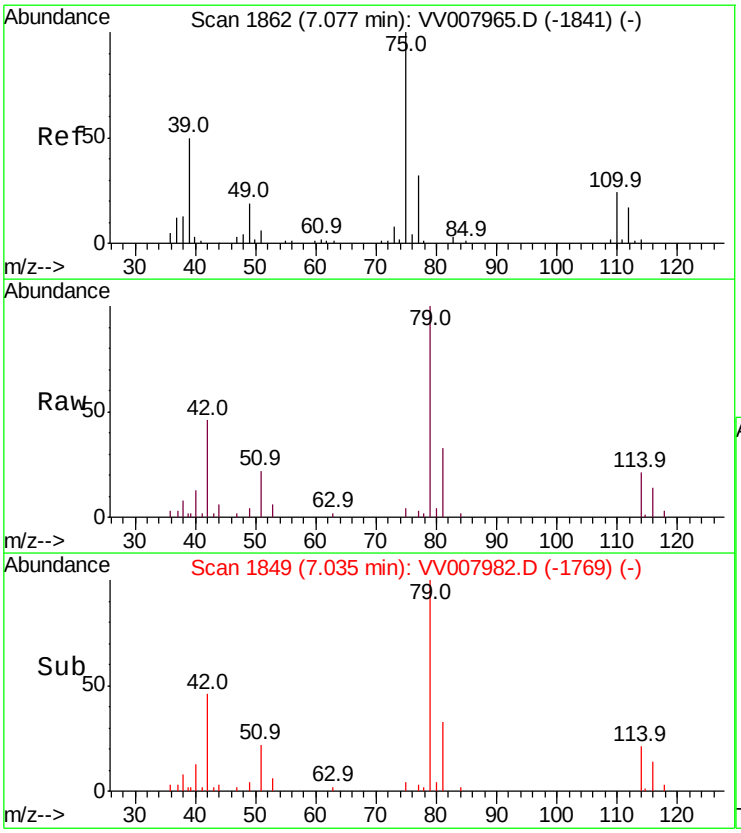
#35
Methylcyclohexane
Concen: 0.732 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.06 min
Lab File: VV007982.D
Acq: 29 Sep 2018 04:34

Instrument :
MSVOA_V
ClientSampleId :
GAC92

Tgt Ion: 83 Resp: 7420

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.2	93.2#
98	0.3	38.0	57.0#

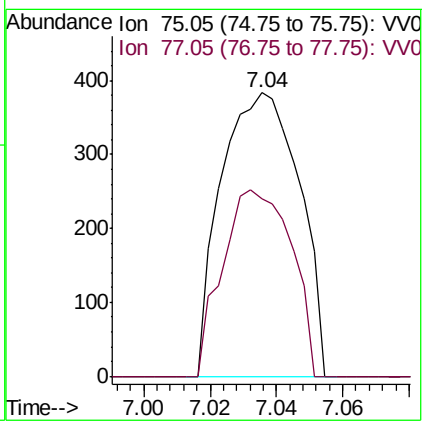


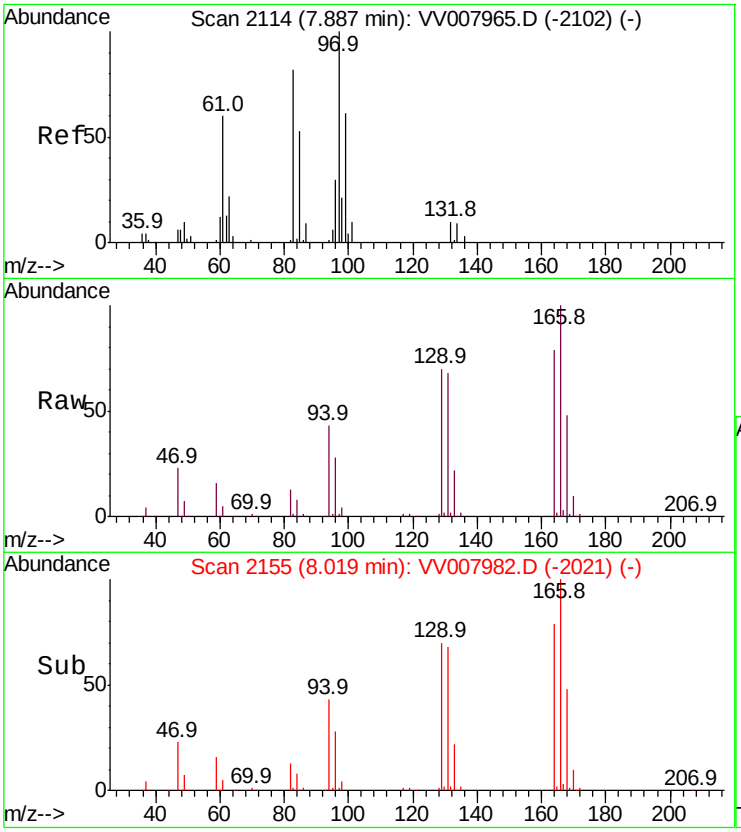


#39
cis-1,3-Dichloropropene
Concen: 0.078 ug/L
RT: 7.04 min Scan# 1849
Delta R.T. -0.04 min
Lab File: VV007982.D
Acq: 29 Sep 2018 04:34

Tgt Ion: 75 Resp: 628

Ion	Ratio	Lower	Upper
75	100		
77	62.7	22.9	42.5#



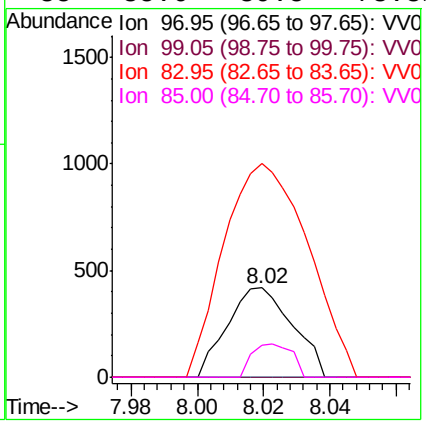


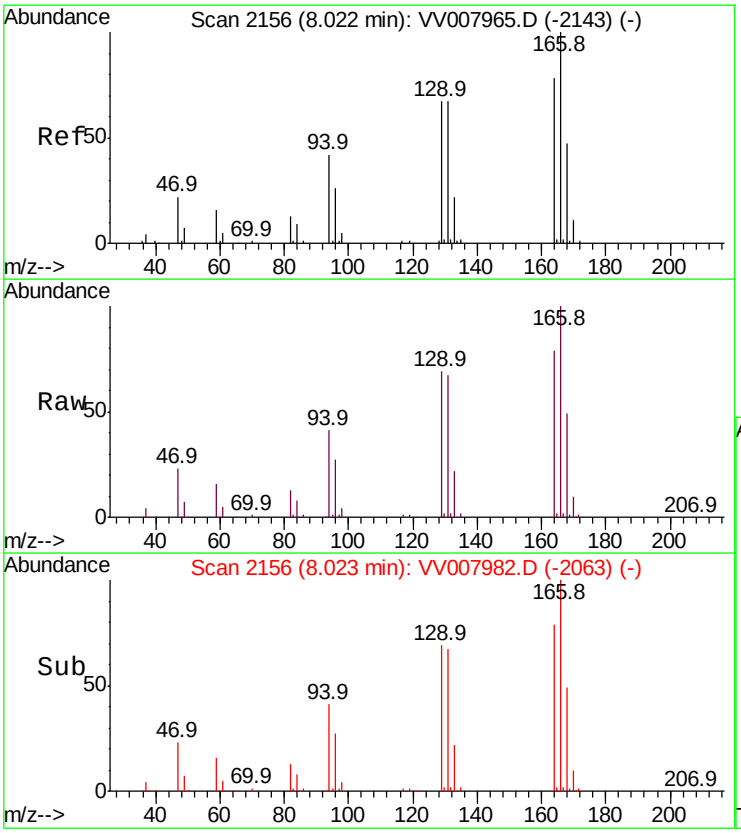
#45
1,1,2-Trichloroethane
Concen: 0.132 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. 0.13 min
Lab File: VV007982.D
Acq: 29 Sep 2018 04:34

Instrument : MSVOA_V
ClientSampleId : GAC92

Tgt Ion: 97 Resp: 574

Ion	Ratio	Lower	Upper
97	100		
99	0.0	43.5	80.9#
83	239.7	59.7	110.9#
85	35.6	39.5	73.3#

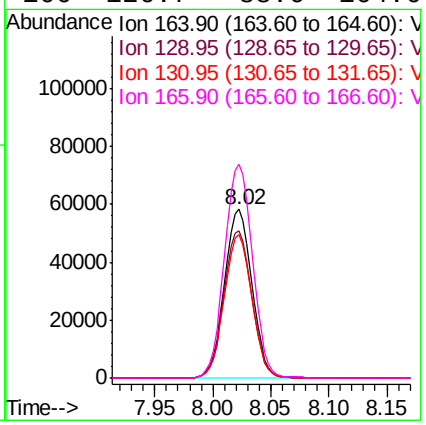


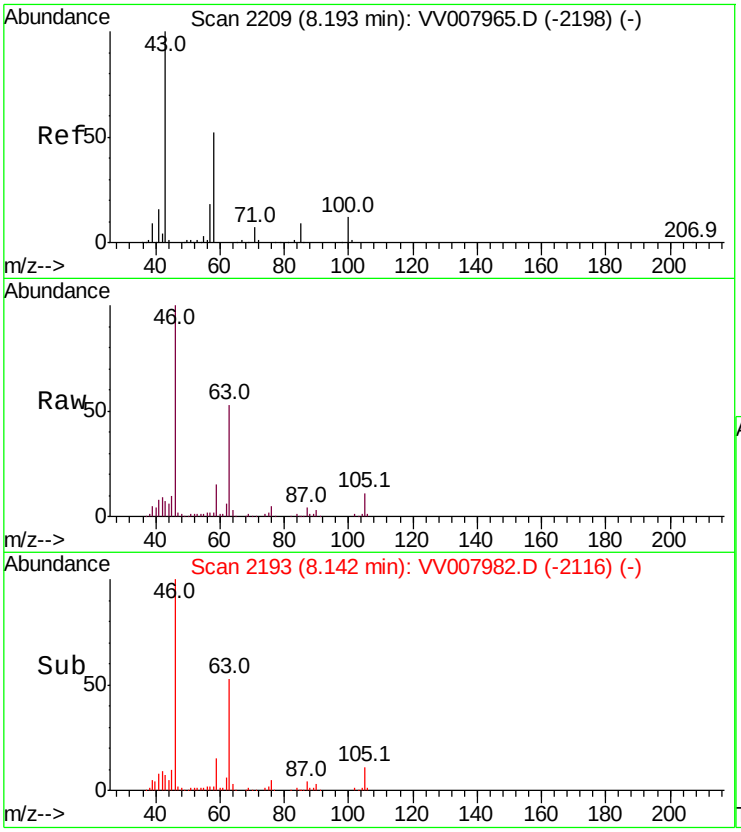


#47
Tetrachloroethene
Concen: 15.246 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. 0.00 min
Lab File: VV007982.D
Acq: 29 Sep 2018 04:34

Tgt Ion:164 Resp: 95452

Ion	Ratio	Lower	Upper
164	100		
129	87.1	59.2	110.0
131	85.1	57.1	106.1
166	126.7	88.6	164.6



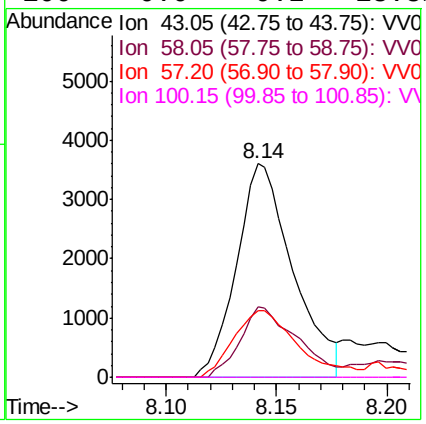


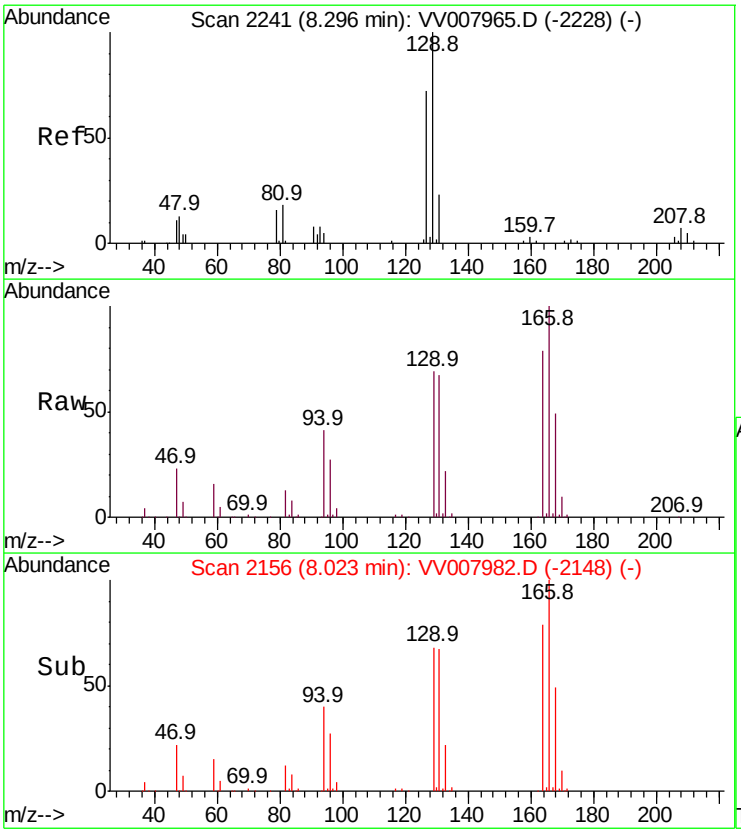
#48
2-Hexanone
Concen: 2.436 ug/L
RT: 8.14 min Scan# 2193
Delta R.T. -0.05 min
Lab File: VV007982.D
Acq: 29 Sep 2018 04:34

Instrument : MSVOA_V
ClientSampleId : GAC92

Tgt Ion: 43 Resp: 6409

Ion	Ratio	Lower	Upper
43	100		
58	33.0	41.9	62.9#
57	35.7	14.3	21.5#
100	0.0	9.2	13.8#





#49
Dibromochloromethane
Concen: 15.822 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. -0.27 min
Lab File: VV007982.D
Acq: 29 Sep 2018 04:34

Tgt Ion:129 Resp: 78571

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.1	98.5#