Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092818\
Data File : VV007976.D
Acq On : 29 Sep 2018 01:51
Operator : SY/MD
Sample : J5091-07
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : E62T1

Quant Time: Oct 01 04:57:37 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	88611	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	84012	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	42312	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	17809	3.75	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 75.00%			
7) Chloroethane-d5	1.59	69	18057	4.40	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.00%			
11) 1,1-Dichloroethene-d2	2.14	63	31187	2.91	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 58.20%#			
20) 2-Butanone-d5	3.97	46	69599	48.71	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 97.42%			
24) Chloroform-d	4.41	84	72594	6.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 134.20%#			
26) 1,2-Dichloroethane-d4	5.09	65	27109	4.56	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.20%			
32) Benzene-d6	5.10	84	92920	4.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.60%			
36) 1,2-Dichloropropane-d6	6.12	67	30769	4.84	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.80%			
41) Toluene-d8	7.36	98	84436	4.13	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.60%			
43) trans-1,3-Dichloropropene-	7.67	79	9470	3.87	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 77.40%			
46) 2-Hexanone-d5	8.14	63	49784	46.07	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 92.14%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	23579	4.81	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.20%			
64) 1,2-Dichlorobenzene-d4	11.68	152	38247	4.67	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.40%			
Target Compounds						Qvalue
18) trans-1,2-Dichloroethene	2.80	96	593	0.092	ug/L	86
22) cis-1,2-Dichloroethene	3.96	96	1232	0.188	ug/L	98
25) Chloroform	4.43	83	555503	46.623	ug/L	99
29) 1,1,1-Trichloroethane	4.67	97	1216	0.120	ug/L #	77
31) Carbon tetrachloride	4.88	117	447821	50.284	ug/L	100
34) Trichloroethene	5.96	95	1917	0.278	ug/L	96
35) Methylcyclohexane	6.12	83	7560	0.732	ug/L #	18
37) 1,2-Dichloropropane	6.13	63	3471	0.565	ug/L #	87
39) cis-1,3-Dichloropropene	7.04	75	724	0.088	ug/L #	46
47) Tetrachloroethene	8.02	164	2096	0.328	ug/L	95
49) Dibromochloromethane	8.02	129	1933	0.382	ug/L #	12
51) Chlorobenzene	8.93	112	63495	3.509	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	36464	2.610	ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	62811	4.325	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	76979	5.846	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.69	75	115	0.171	ug/L #	1
67) 1,3,5-Trichlorobenzene	12.70	180	1361	0.114	ug/L #	91

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092818\
Data File : VV007976.D
Acq On : 29 Sep 2018 01:51
Operator : SY/MD
Sample : J5091-07
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : E62T1

Quant Time: Oct 01 04:57:37 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)
68) 1,2,4-trichlorobenzene	13.32	180	10141	1.003	ug/L	97
70) 1,2,3-Trichlorobenzene	13.80	180	3076	0.336	ug/L	98

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092818\
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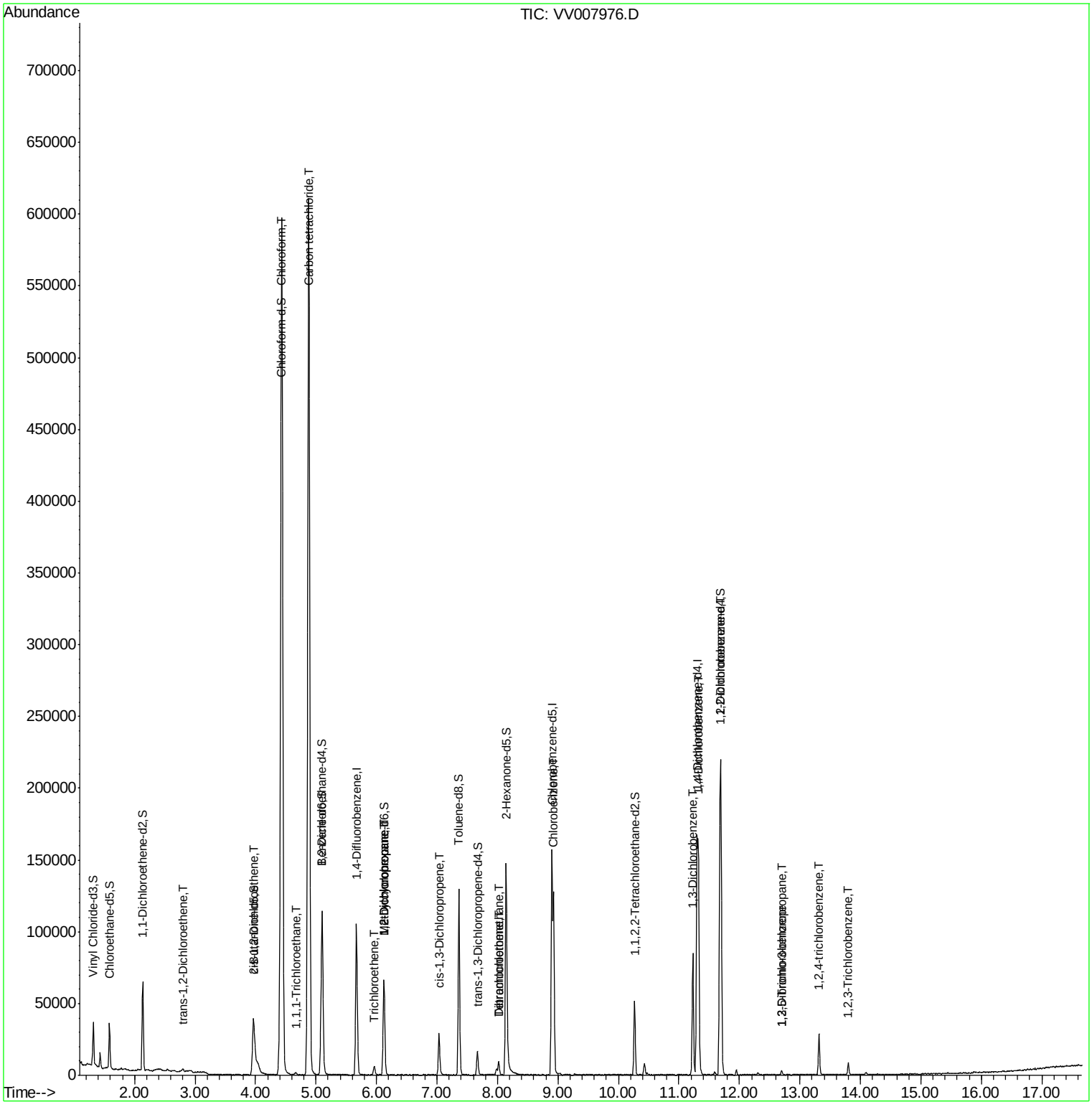
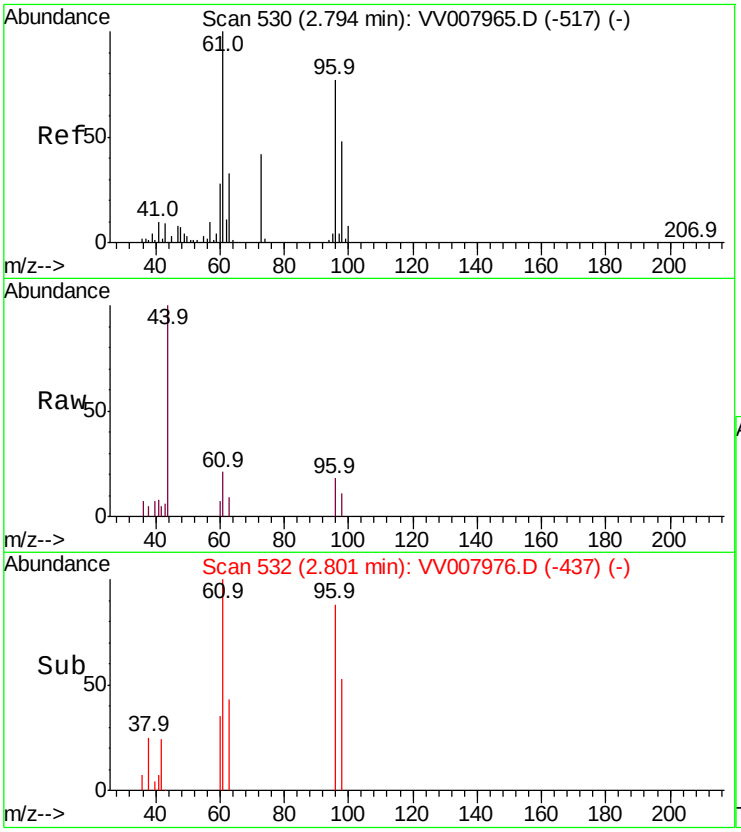
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 01 04:55:39 2018
Response via : Initial Calibration



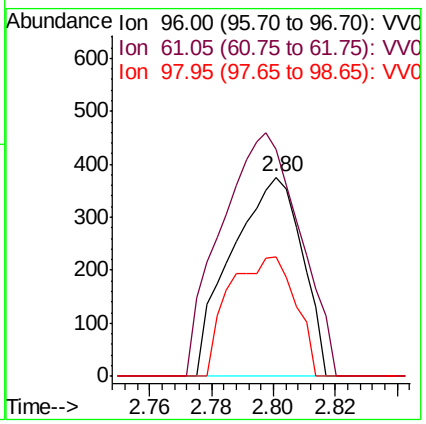


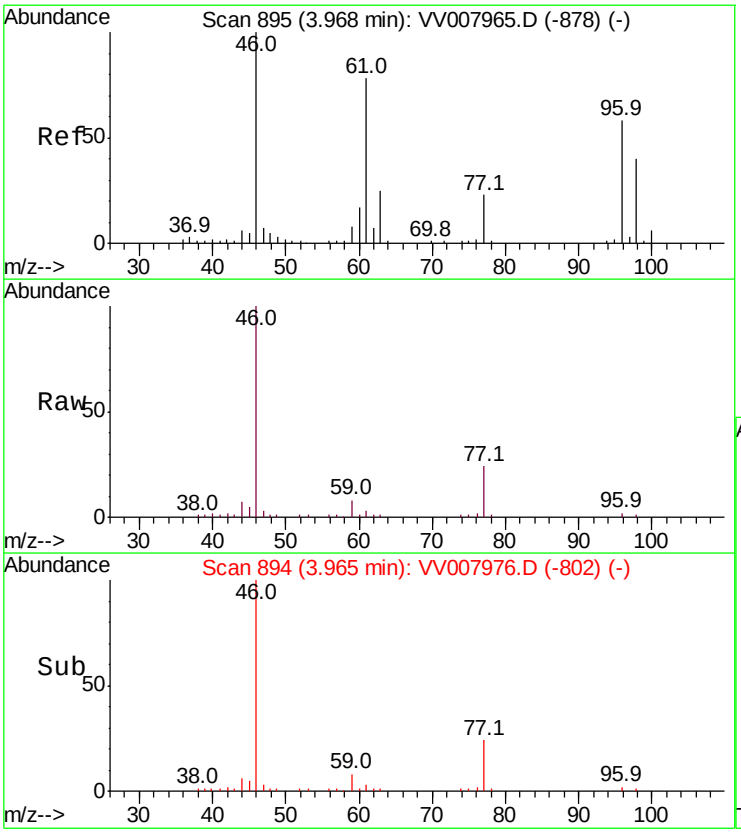
#18
trans-1,2-Dichloroethene
Concen: 0.092 ug/L
RT: 2.80 min Scan# 532
Delta R.T. 0.01 min
Lab File: VV007976.D
Acq: 29 Sep 2018 01:51

Instrument :
MSVOA_V
ClientSampleId :
E62T1

Tgt Ion: 96 Resp: 593

Ion	Ratio	Lower	Upper
96	100		
61	113.6	94.2	175.0
98	60.1	44.9	83.5

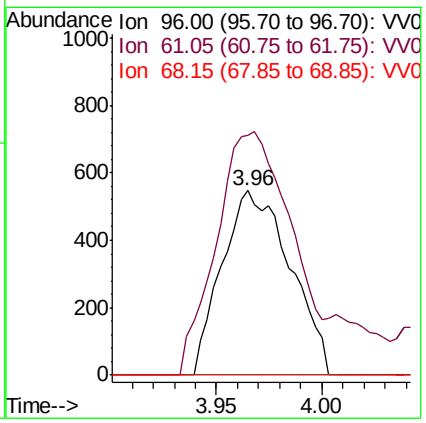


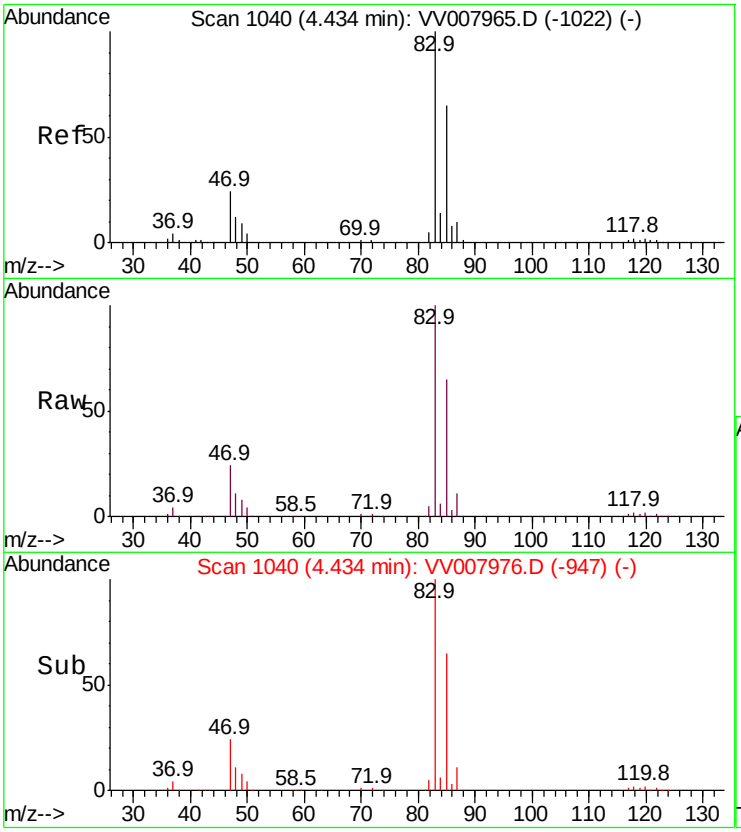


#22
cis-1,2-Dichloroethene
Concen: 0.188 ug/L
RT: 3.96 min Scan# 894
Delta R.T. -0.00 min
Lab File: VV007976.D
Acq: 29 Sep 2018 01:51

Tgt Ion: 96 Resp: 1232

Ion	Ratio	Lower	Upper
96	100		
61	130.3	89.5	166.1
68	0.0	0.0	0.0



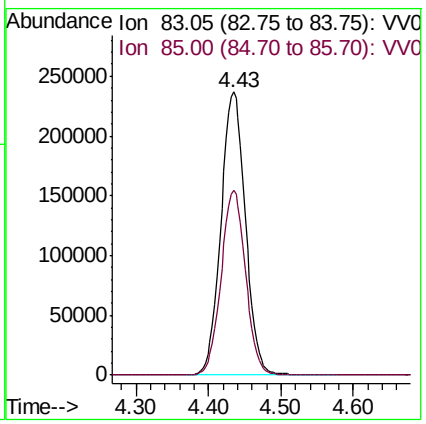


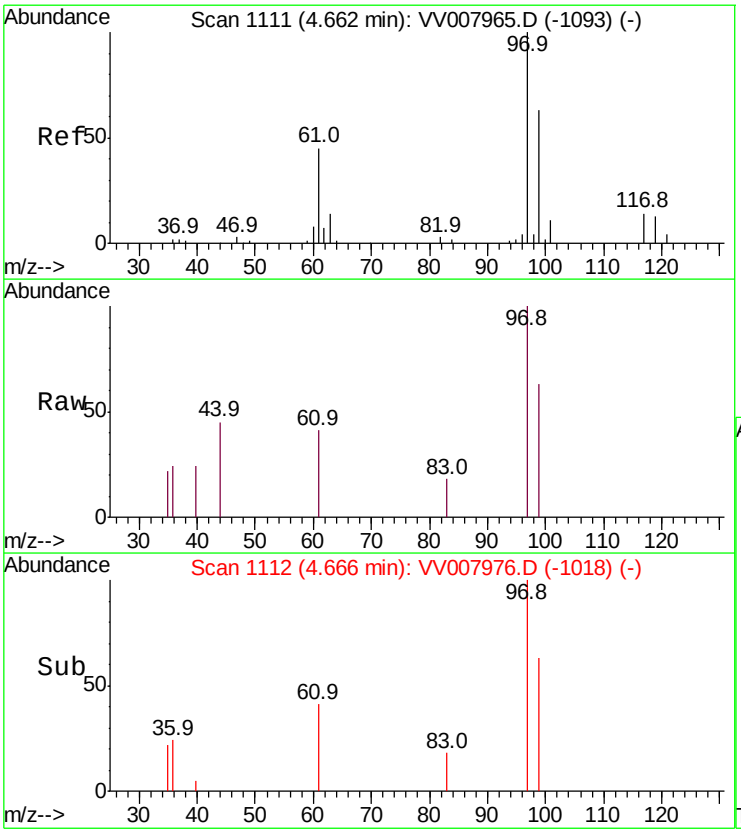
#25
Chloroform
Concen: 46.623 ug/L
RT: 4.43 min Scan# 1040
Delta R.T. 0.00 min
Lab File: VV007976.D
Acq: 29 Sep 2018 01:51

Instrument : MSVOA_V
ClientSampleId : E62T1

Tgt Ion: 83 Resp: 555503

Ion	Ratio	Lower	Upper
83	100		
85	65.2	44.8	83.2

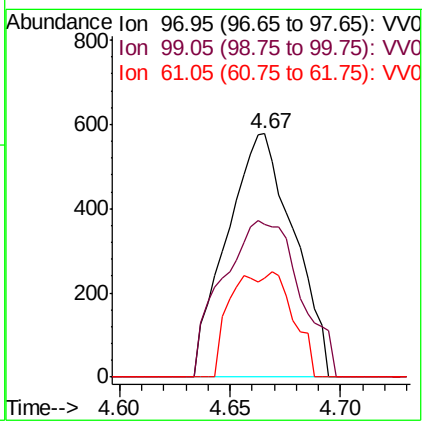


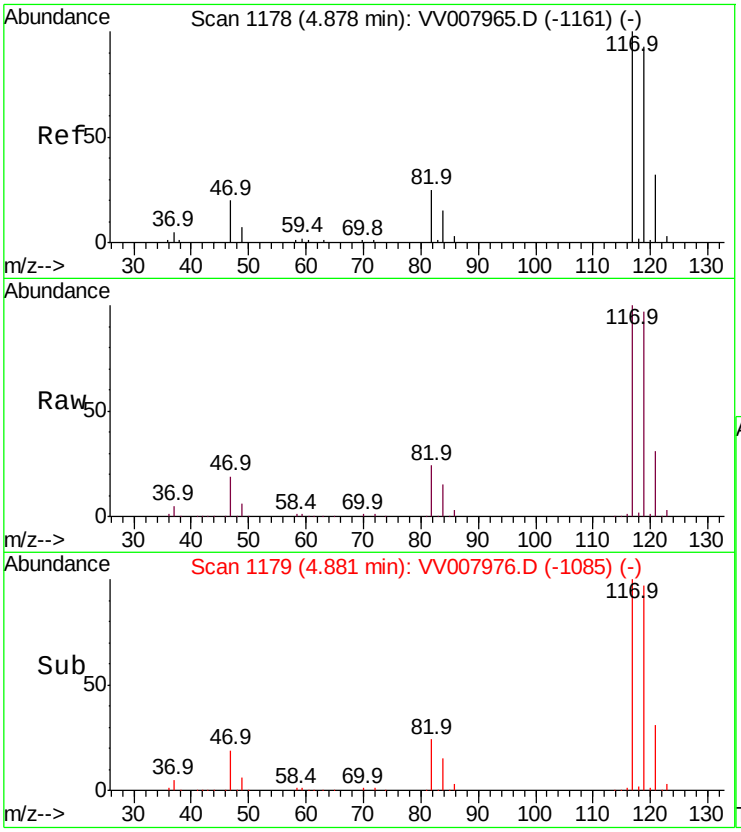


#29
1,1,1-Trichloroethane
Concen: 0.120 ug/L
RT: 4.67 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VV007976.D
Acq: 29 Sep 2018 01:51

Tgt Ion: 97 Resp: 1216

Ion	Ratio	Lower	Upper
97	100		
99	74.6	51.2	76.8
61	19.8	34.6	52.0#



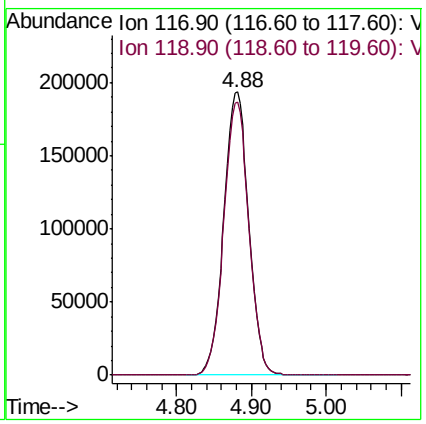


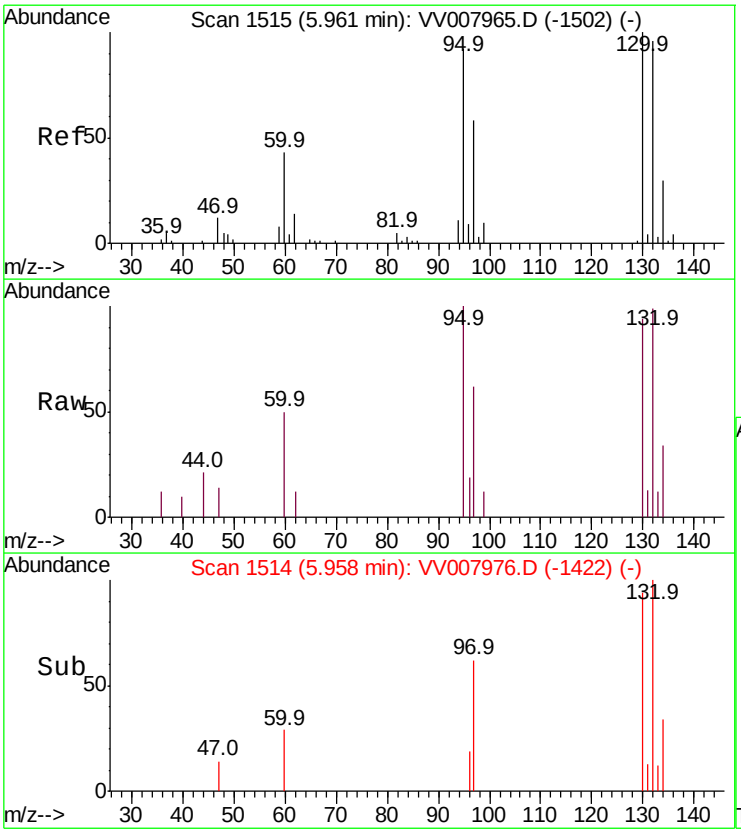
#31
Carbon tetrachloride
Concen: 50.284 ug/L
RT: 4.88 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VV007976.D
Acq: 29 Sep 2018 01:51

Instrument :
MSVOA_V
ClientSampleId :
E62T1

Tgt Ion:117 Resp: 447821

Ion	Ratio	Lower	Upper
117	100		
119	96.9	77.8	116.8

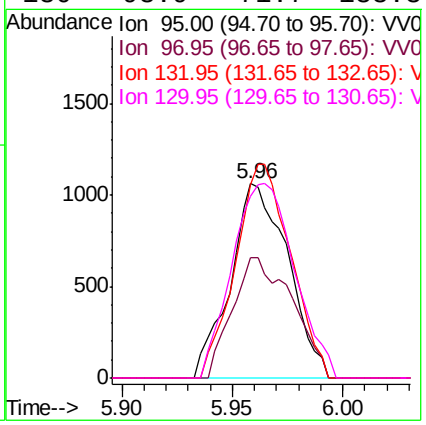


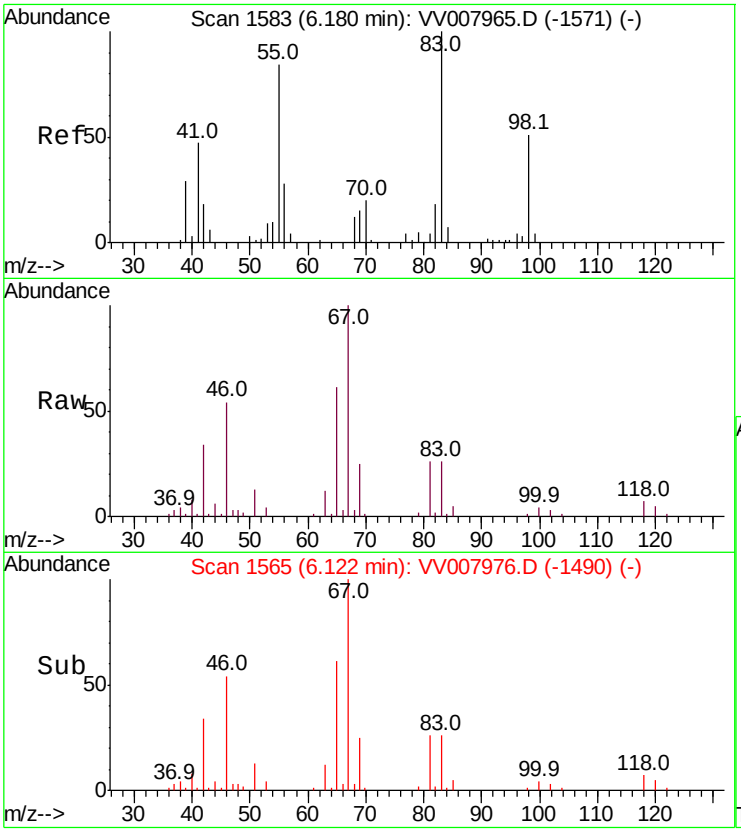


#34
Trichloroethene
Concen: 0.278 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VV007976.D
Acq: 29 Sep 2018 01:51

Tgt Ion: 95 Resp: 1917

Ion	Ratio	Lower	Upper
95	100		
97	62.1	43.6	81.0
132	99.4	69.9	129.9
130	93.9	71.7	133.3



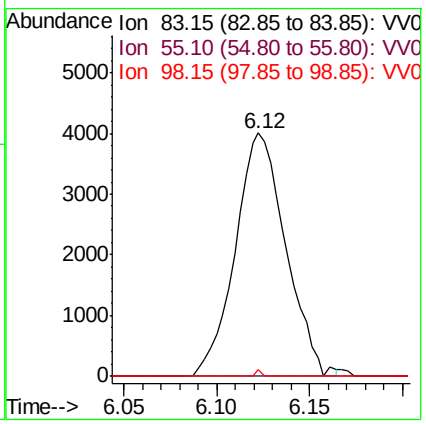


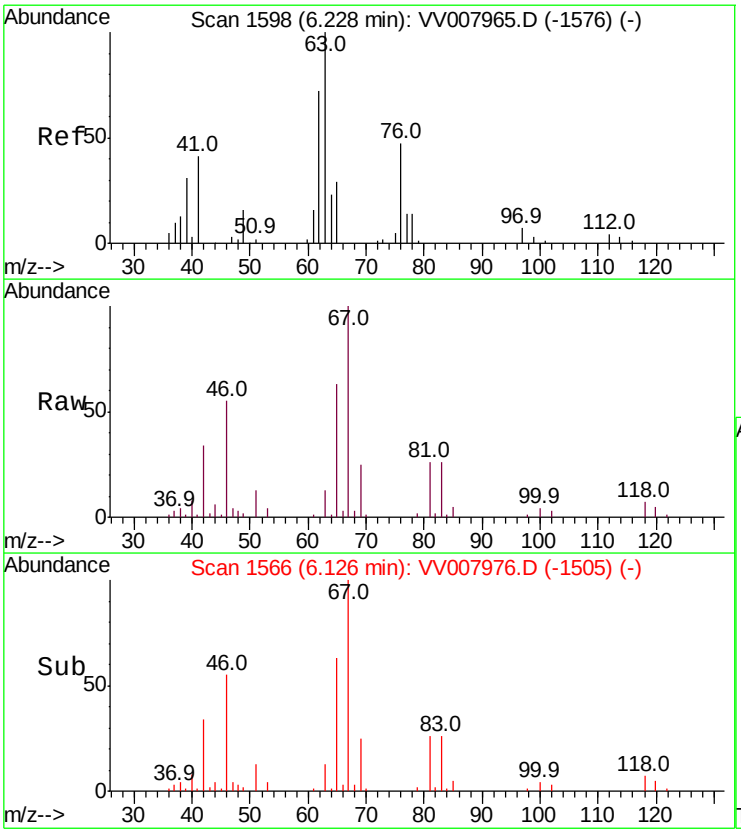
#35
Methylcyclohexane
Concen: 0.732 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.06 min
Lab File: VV007976.D
Acq: 29 Sep 2018 01:51

Instrument : MSVOA_V
ClientSampleId : E62T1

Tgt Ion: 83 Resp: 7560

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

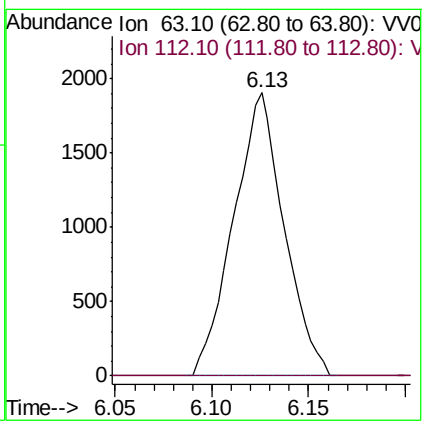


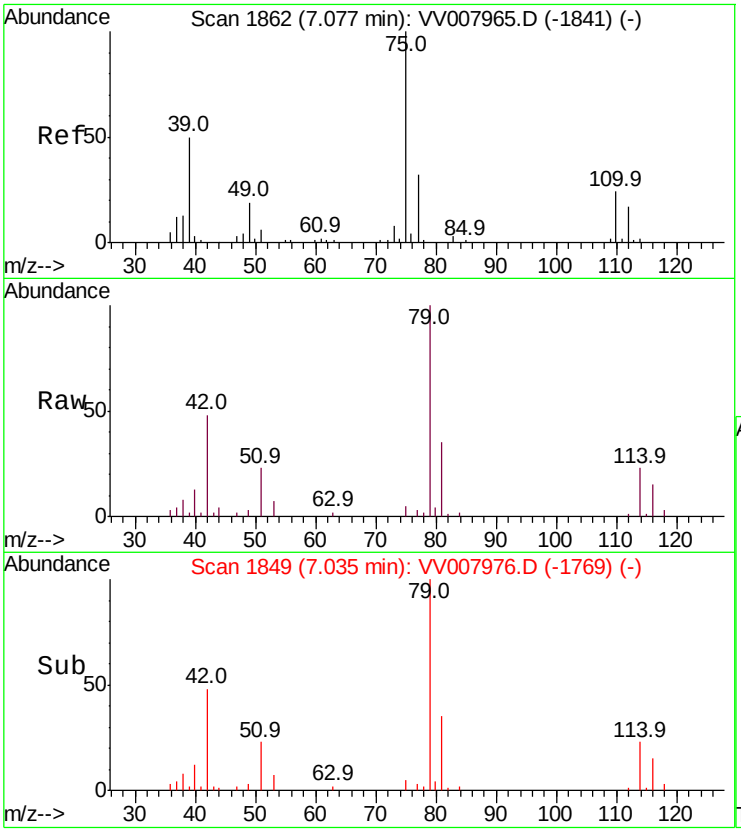


#37
1,2-Dichloropropane
Concen: 0.565 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.10 min
Lab File: VV007976.D
Acq: 29 Sep 2018 01:51

Tgt Ion: 63 Resp: 3471

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.0#



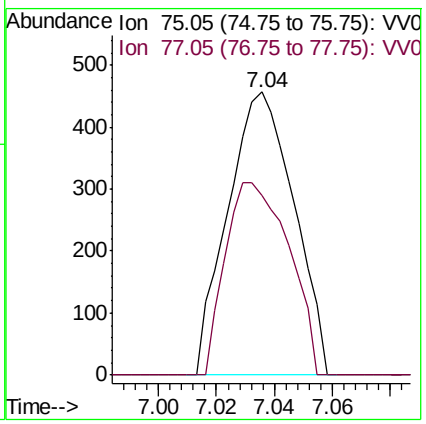


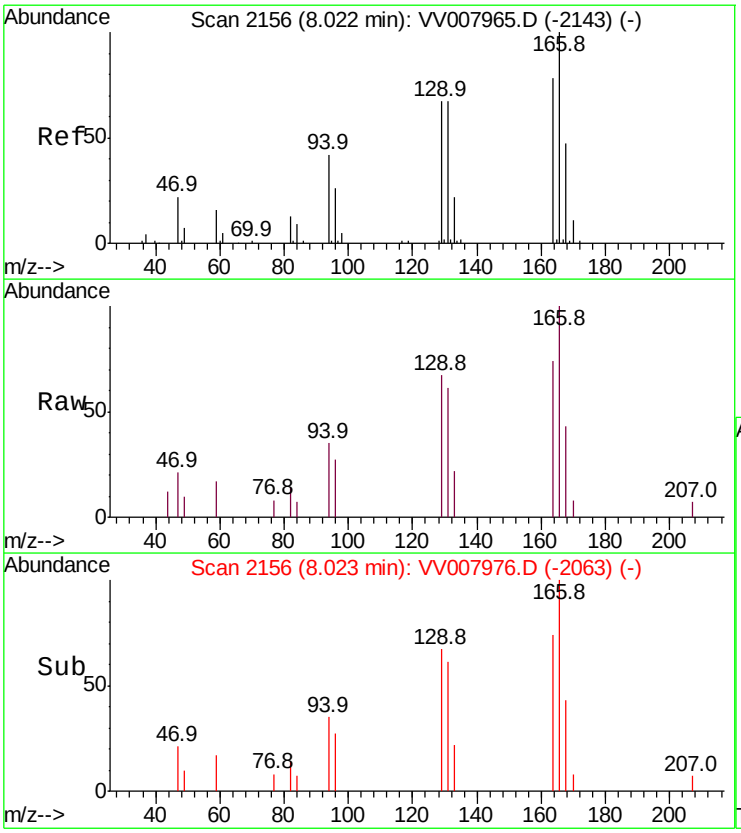
#39
cis-1,3-Dichloropropene
Concen: 0.088 ug/L
RT: 7.04 min Scan# 1849
Delta R.T. -0.04 min
Lab File: VV007976.D
Acq: 29 Sep 2018 01:51

Instrument :
MSVOA_V
ClientSampleId :
E62T1

Tgt Ion: 75 Resp: 724

Ion	Ratio	Lower	Upper
75	100		
77	63.2	22.9	42.5#

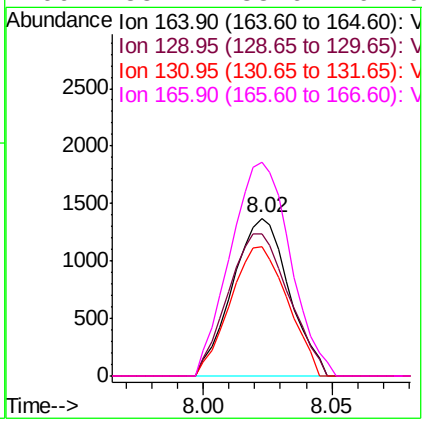


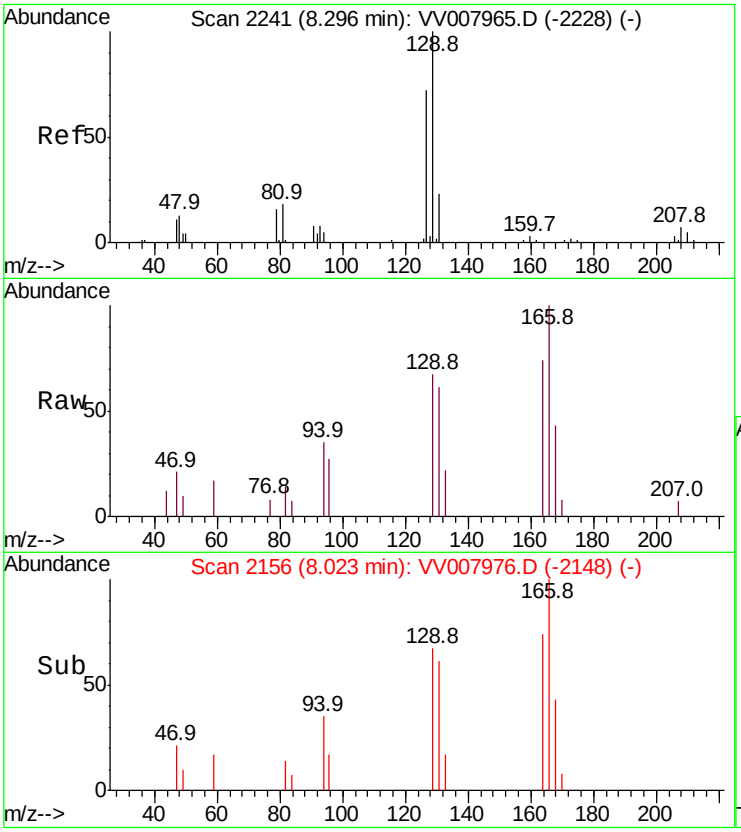


#47
Tetrachloroethene
Concen: 0.328 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. 0.00 min
Lab File: VV007976.D
Acq: 29 Sep 2018 01:51

Tgt Ion:164 Resp: 2096

Ion	Ratio	Lower	Upper
164	100		
129	90.2	59.2	110.0
131	82.4	57.1	106.1
166	135.4	88.6	164.6



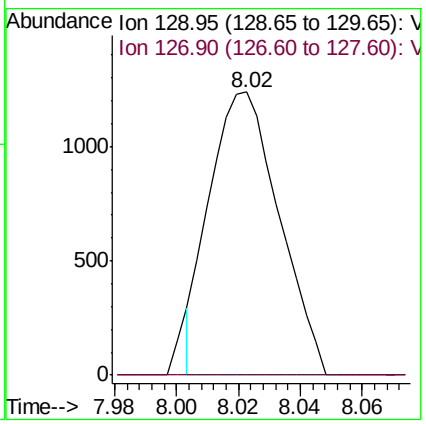


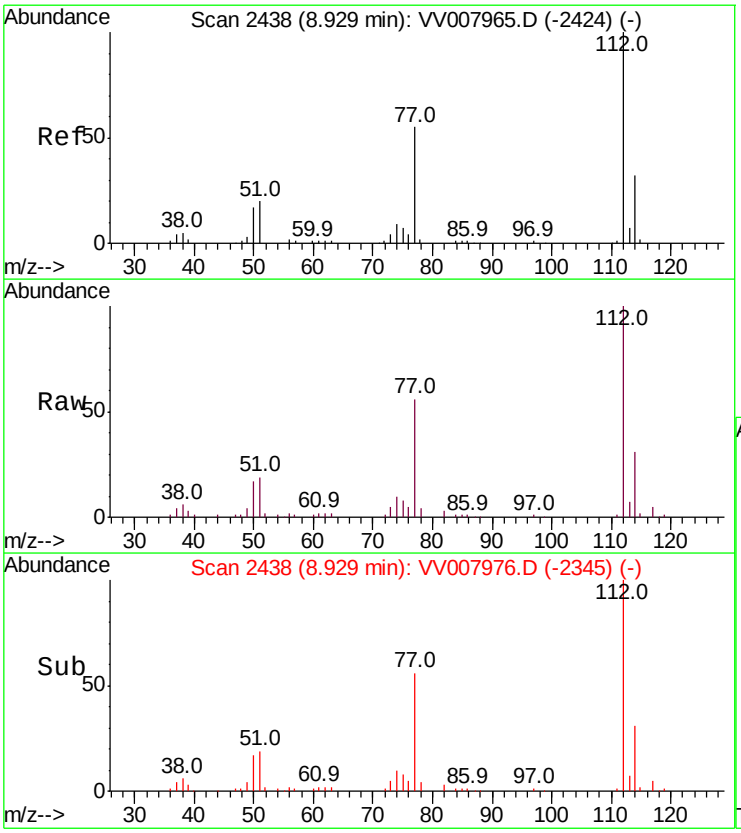
#49
Dibromochloromethane
Concen: 0.382 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. -0.27 min
Lab File: VV007976.D
Acq: 29 Sep 2018 01:51

Instrument : MSVOA_V
ClientSampleId : E62T1

Tgt Ion:129 Resp: 1933

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.1	98.5#

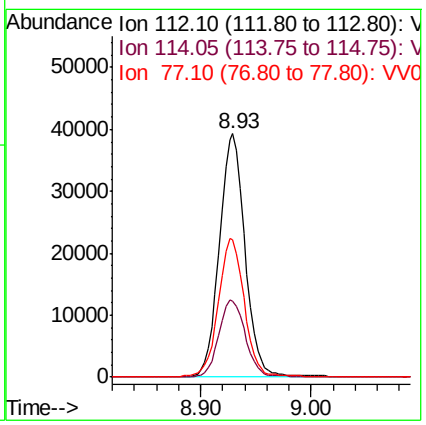


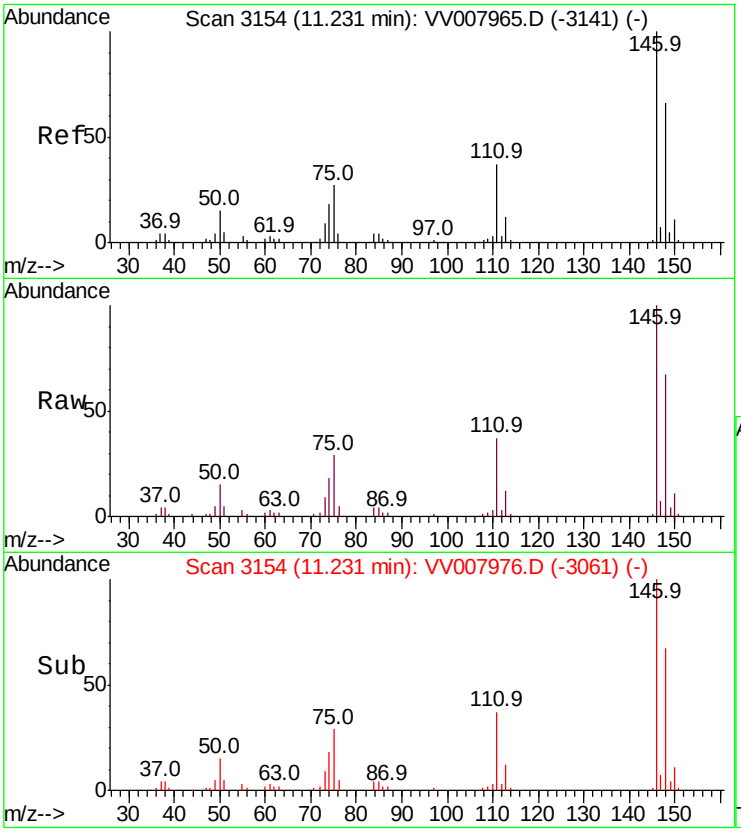


#51
Chlorobenzene
Concen: 3.509 ug/L
RT: 8.93 min Scan# 2438
Delta R.T. 0.00 min
Lab File: VV007976.D
Acq: 29 Sep 2018 01:51

Tgt Ion:112 Resp: 63495

Ion	Ratio	Lower	Upper
112	100		
114	31.4	22.4	41.6
77	56.4	45.0	67.6



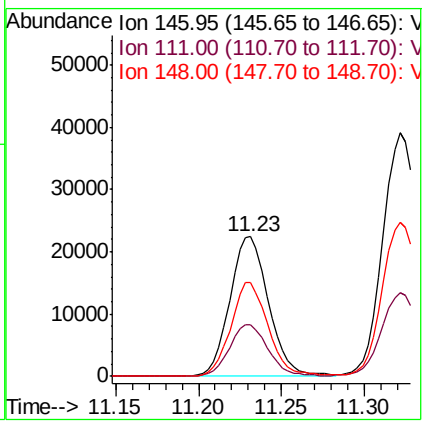


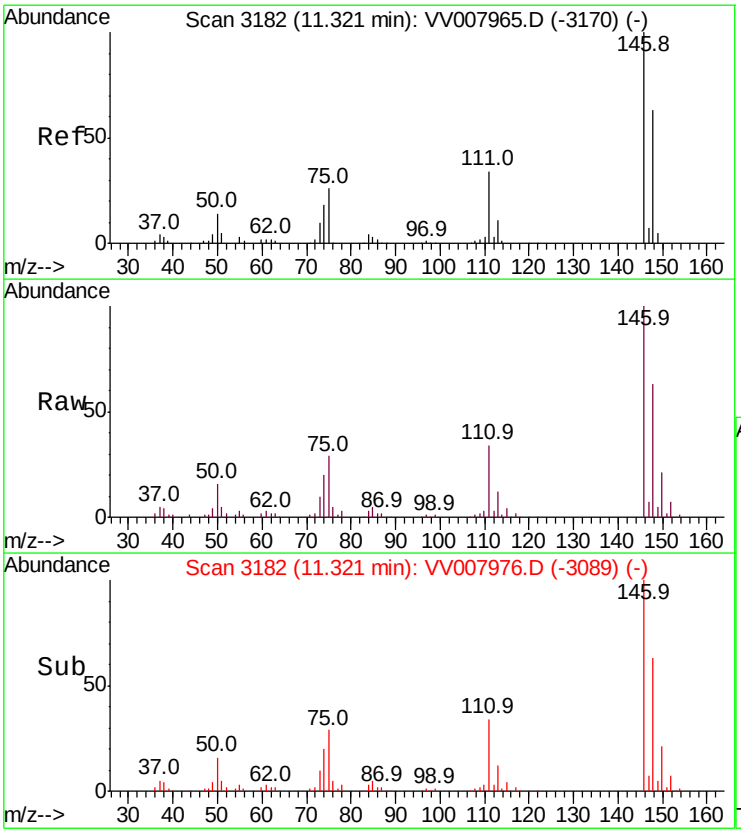
#62
1,3-Dichlorobenzene
Concen: 2.610 ug/L
RT: 11.23 min Scan# 3154
Delta R.T. 0.00 min
Lab File: VV007976.D
Acq: 29 Sep 2018 01:51

Instrument :
MSVOA_V
ClientSampleId :
E62T1

Tgt Ion:146 Resp: 36464

Ion	Ratio	Lower	Upper
146	100		
111	37.2	25.8	48.0
148	66.7	44.7	82.9

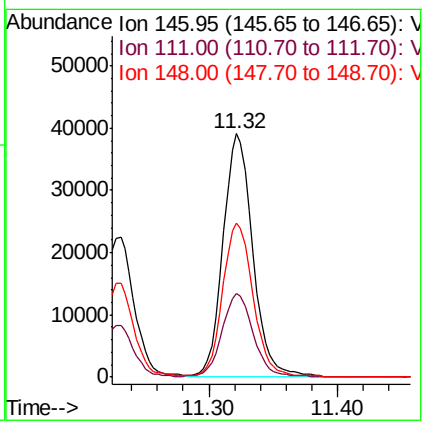


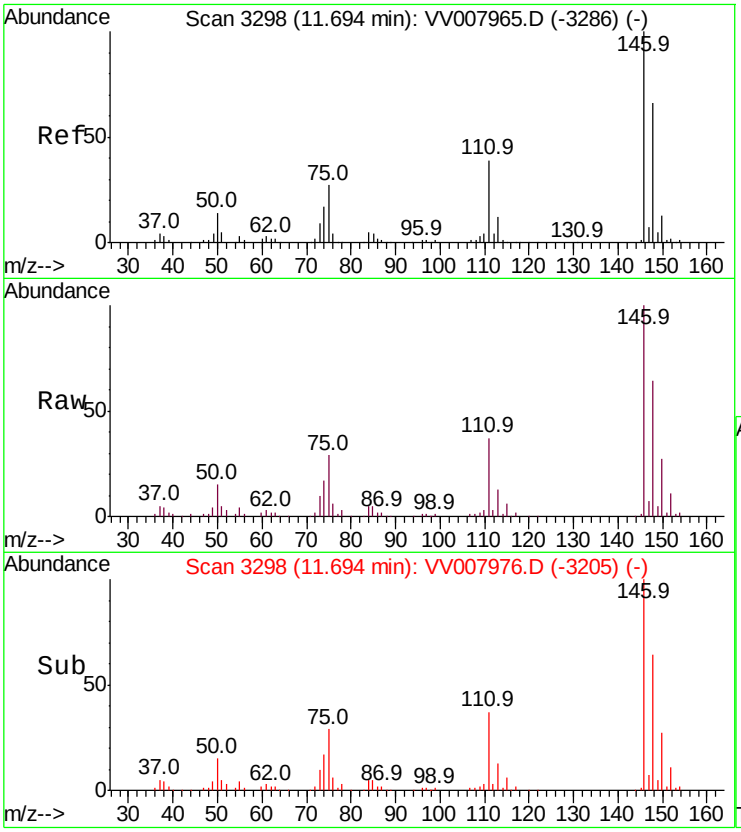


#63
1,4-Dichlorobenzene
Concen: 4.325 ug/L
RT: 11.32 min Scan# 3182
Delta R.T. 0.00 min
Lab File: VV007976.D
Acq: 29 Sep 2018 01:51

Tgt Ion:146 Resp: 62811

Ion	Ratio	Lower	Upper
146	100		
111	34.3	25.3	47.1
148	63.0	44.7	82.9



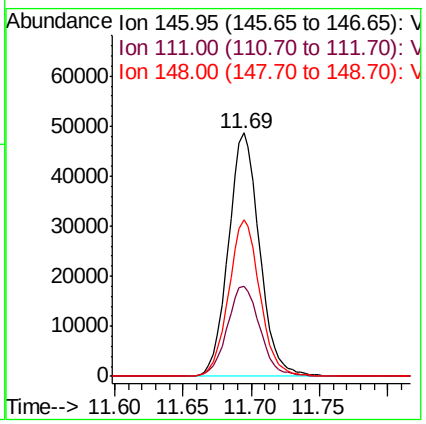


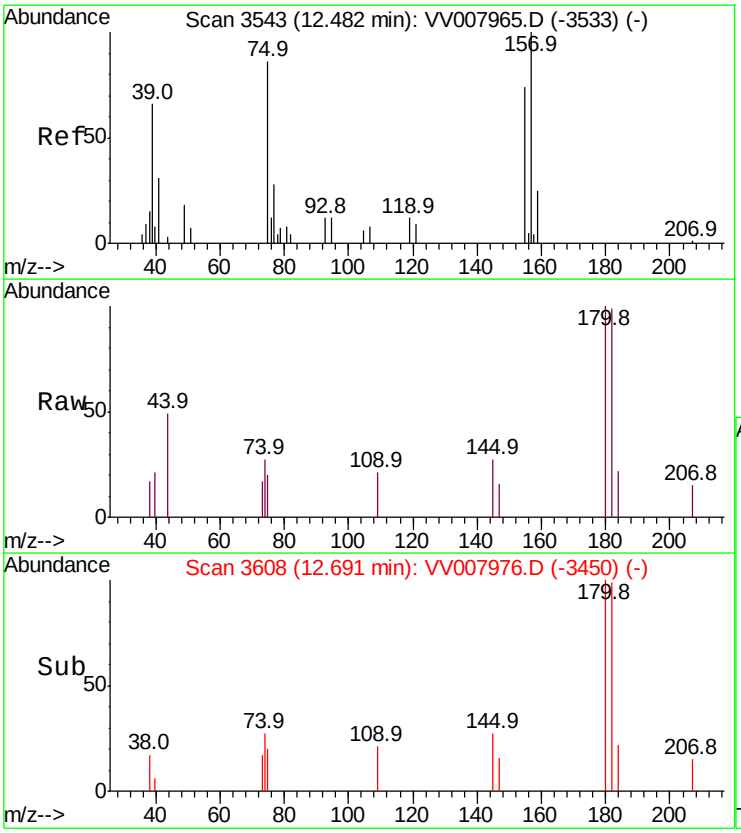
#65
1,2-Dichlorobenzene
Concen: 5.846 ug/L
RT: 11.69 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VV007976.D
Acq: 29 Sep 2018 01:51

Instrument :
MSVOA_V
ClientSampleId :
E62T1

Tgt Ion:146 Resp: 76979

Ion	Ratio	Lower	Upper
146	100		
111	37.1	31.2	46.8
148	64.3	50.3	75.5

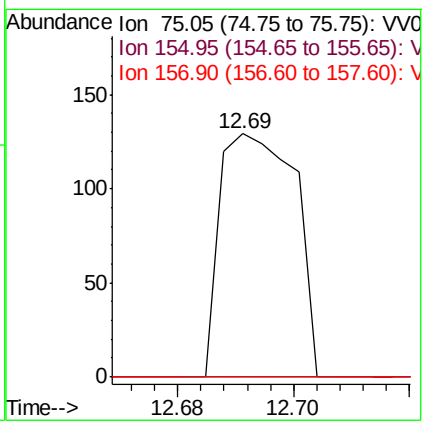


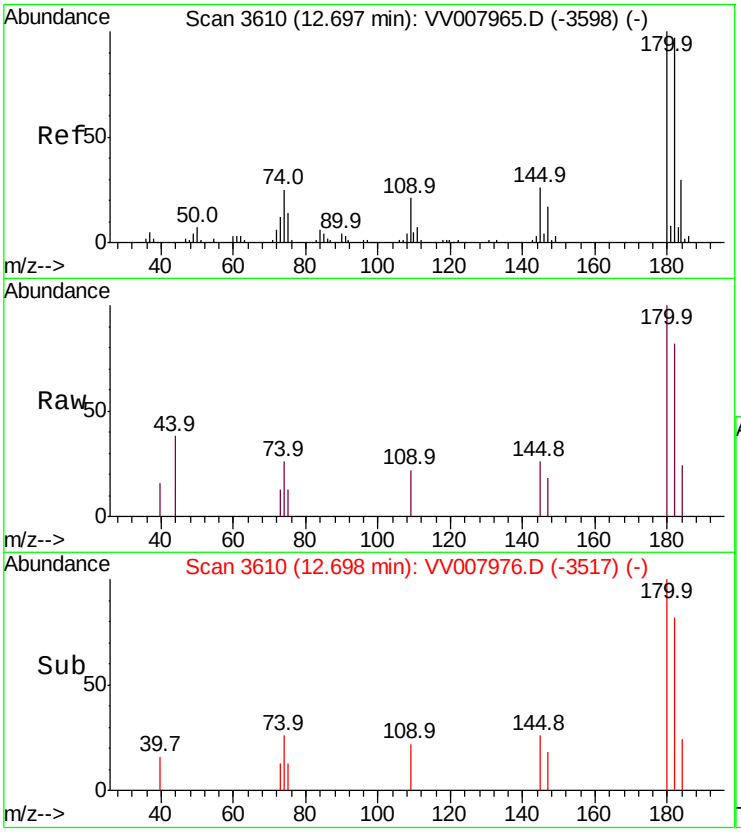


#66
1,2-Dibromo-3-chloropropane
Concen: 0.171 ug/L
RT: 12.69 min Scan# 3608
Delta R.T. 0.21 min
Lab File: VV007976.D
Acq: 29 Sep 2018 01:51

Tgt Ion: 75 Resp: 115

Ion	Ratio	Lower	Upper
75	100		
155	0.0	83.4	125.2#
157	0.0	93.9	140.9#



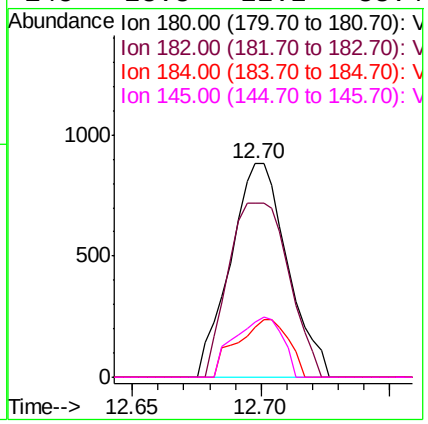


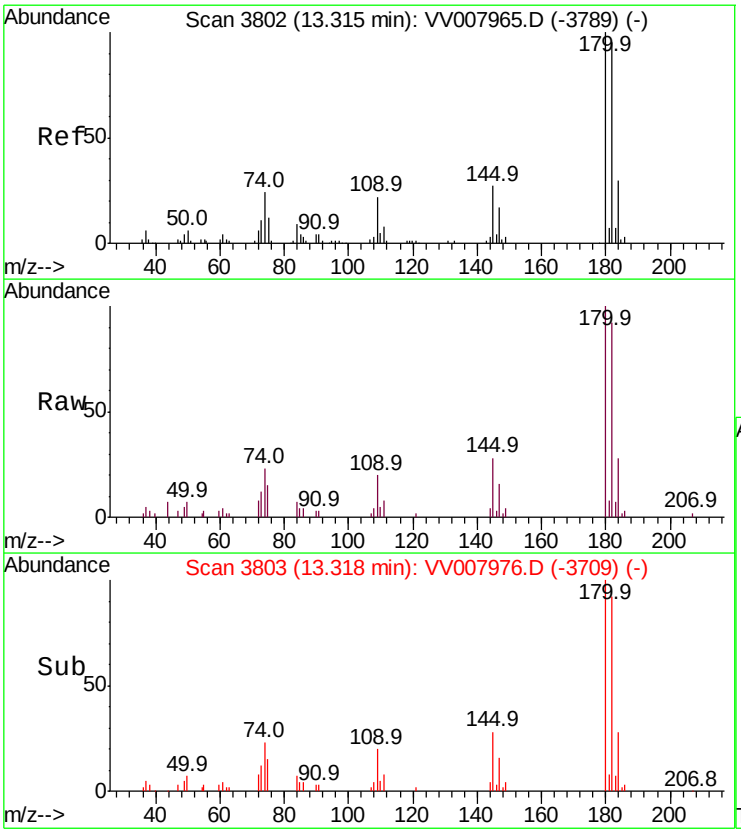
#67
1,3,5-Trichlorobenzene
Concen: 0.114 ug/L
RT: 12.70 min Scan# 3610
Delta R.T. 0.00 min
Lab File: VV007976.D
Acq: 29 Sep 2018 01:51

Instrument :
MSVOA_V
ClientSampleId :
E62T1

Tgt Ion:180 Resp: 1361

Ion	Ratio	Lower	Upper
180	100		
182	86.3	76.2	114.4
184	24.5	24.5	36.7#
145	23.8	22.2	33.4

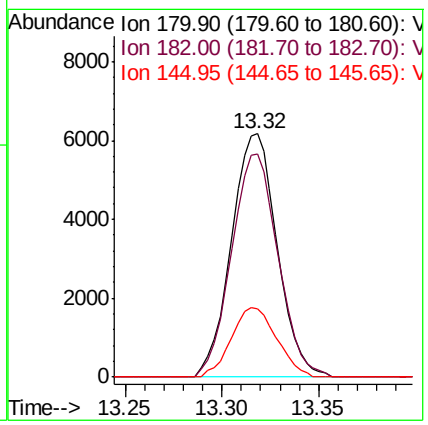


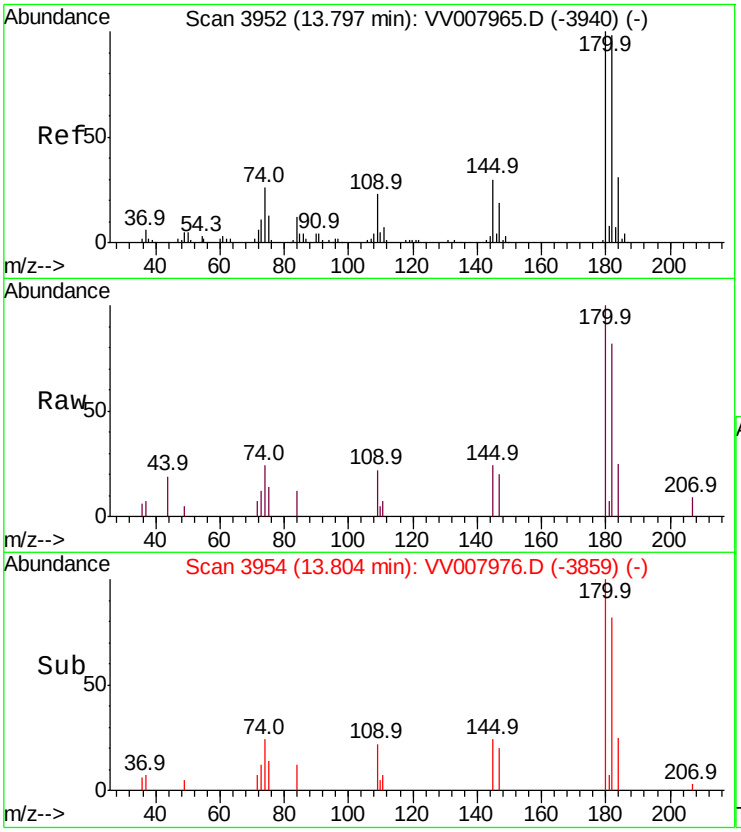


#68
1,2,4-trichlorobenzene
Concen: 1.003 ug/L
RT: 13.32 min Scan# 3803
Delta R.T. 0.00 min
Lab File: VV007976.D
Acq: 29 Sep 2018 01:51

Tgt Ion:180 Resp: 10141

Ion	Ratio	Lower	Upper
180	100		
182	93.1	77.4	116.2
145	28.3	22.6	33.8





#70
1,2,3-Trichlorobenzene
Concen: 0.336 ug/L
RT: 13.80 min Scan# 3954
Delta R.T. 0.01 min
Lab File: VV007976.D
Acq: 29 Sep 2018 01:51

Instrument :
MSVOA_V
ClientSampleId :
E62T1

Tgt Ion:180 Resp: 3076

Ion	Ratio	Lower	Upper
180	100		
182	96.1	75.7	113.5
145	30.3	23.4	35.0