Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091818\
Data File : VW005491.D
Acq On : 18 Sep 2018 20:28
Operator : SY/AP
Sample : J4936-23RE
Misc : 5.17G/5ML/MSVOA_W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : PHASE-1RE

Quant Time: Sep 19 06:01:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 15 02:32:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	224966	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	296241	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	192365	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	49315	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	85042	36.42	ug/l	0.00
Spiked Amount 50.000			Recovery = 72.84%			
35) Dibromofluoromethane	7.89	113	69165	41.64	ug/l	0.00
Spiked Amount 50.000			Recovery = 83.28%			
50) Toluene-d8	10.33	98	264833	34.82	ug/l	0.00
Spiked Amount 50.000			Recovery = 69.64%			
62) 4-Bromofluorobenzene	12.63	95	50206	18.00	ug/l	0.00
Spiked Amount 50.000			Recovery = 36.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	243	Below Cal	#	42
5) Bromomethane	2.78	94	332	Below Cal		90
10) Methyl Iodide	4.28	142	26	4.061	ug/l #	38
11) Tert butyl alcohol	5.21	59	207	Below Cal	#	71
13) Acrolein	3.81	56	22	Below Cal	#	12
16) Acetone	4.15	43	5204	Below Cal		93
18) Methyl Acetate	4.69	43	2204	1.964	ug/l #	91
20) Methylene Chloride	4.93	84	17500	2.049	ug/l	95
29) Tetrahydrofuran	7.56	42	769	2.149	ug/l #	47
31) Cyclohexane	7.95	56	5770	1.548	ug/l #	1
36) 1,1-Dichloropropene	7.96	75	17862	6.371	ug/l #	50
38) Carbon Tetrachloride	7.96	117	22583	7.730	ug/l #	16
60) Dibromochloromethane	10.87	129	3616	2.118	ug/l #	11
64) Tetrachloroethene	10.87	164	5049	3.551	ug/l	92
76) 1,2,3-Trichloropropane	12.62	75	26119	64.395	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	26119	167.045	ug/l #	9

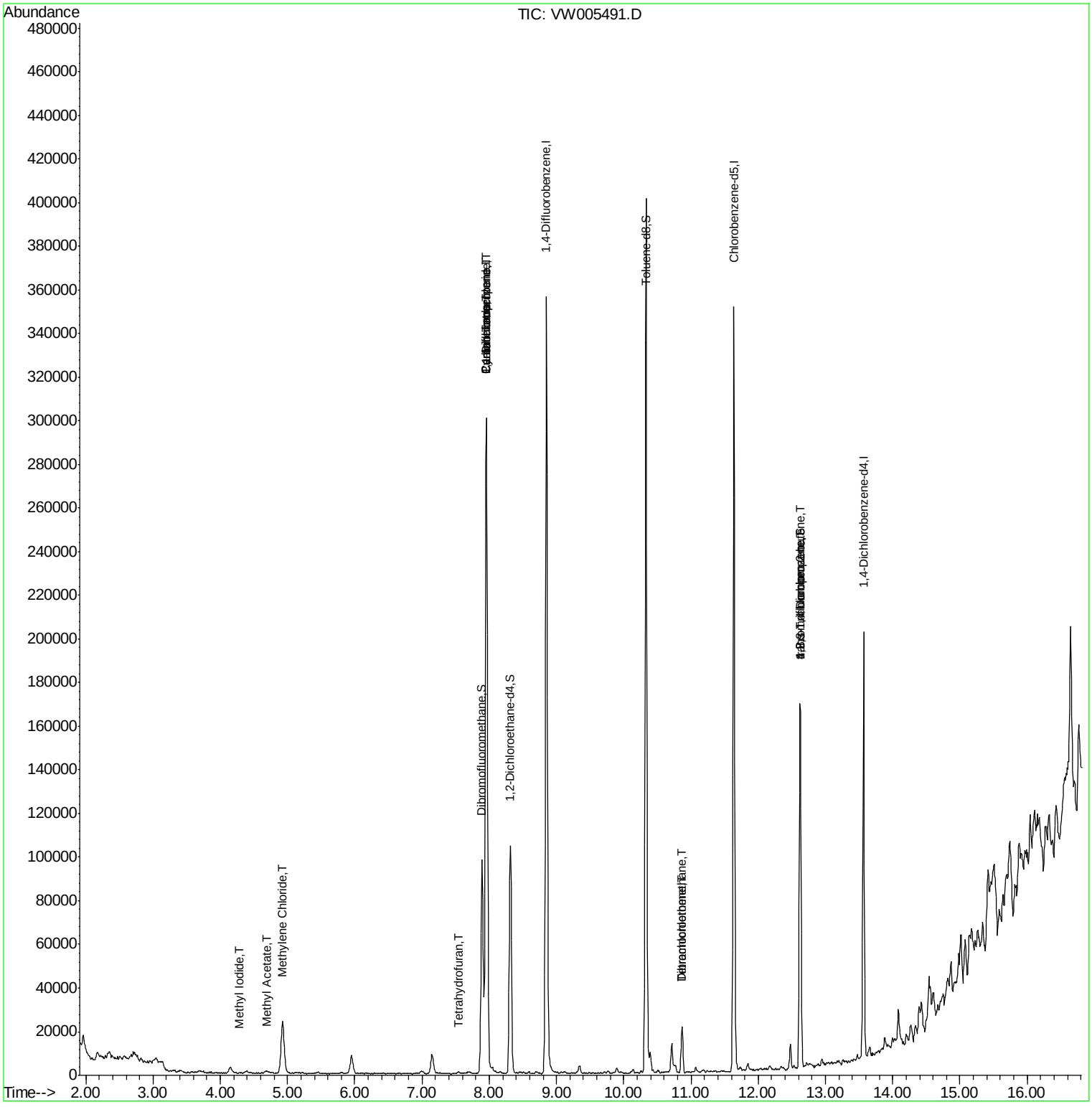
(#) = qualifier out of range (m) = manual integration (+) = signals summed

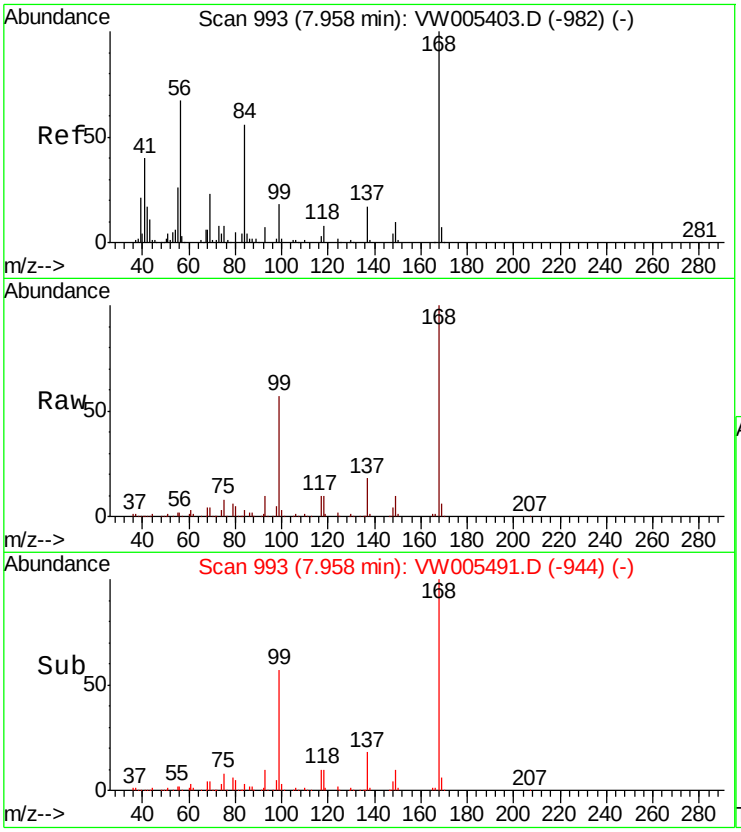
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091818\
Data File : VW005491.D
Acq On : 18 Sep 2018 20:28
Operator : SY/AP
Sample : J4936-23RE
Misc : 5.17G/5ML/MSVOA_W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : PHASE-1RE

Quant Time: Sep 19 06:01:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 15 02:32:34 2018
Response via : Initial Calibration



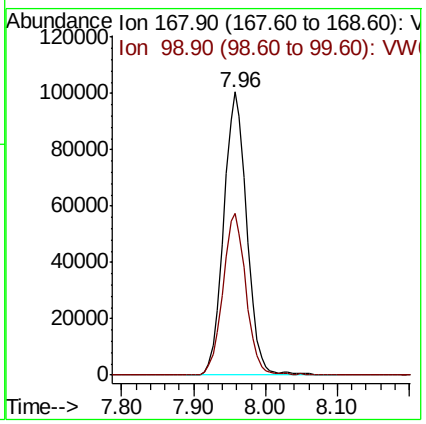


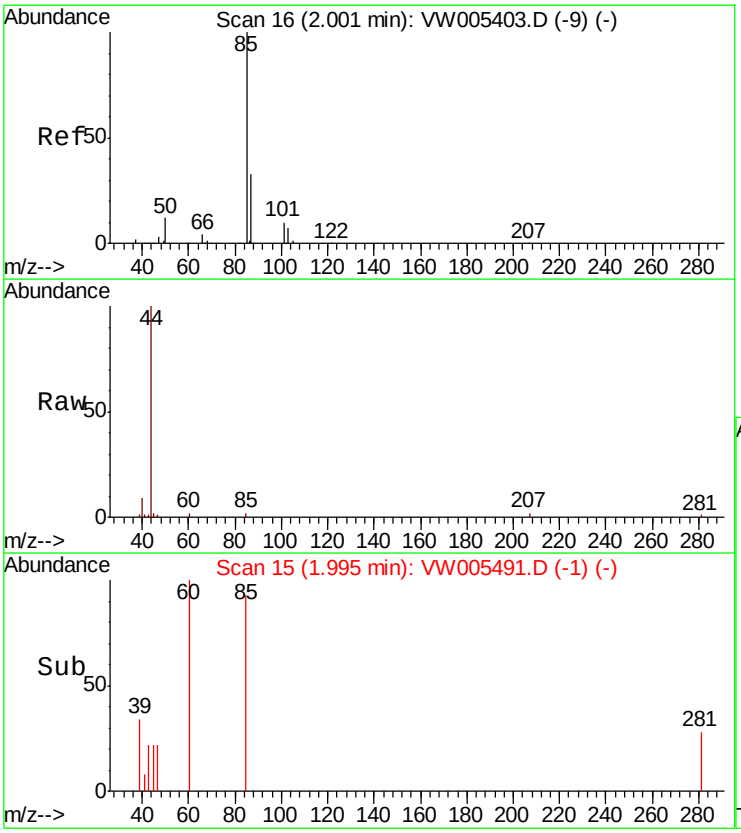
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW005491.D
Acq: 18 Sep 2018 20:28

Instrument :
MSVOA_W
ClientSampleId :
PHASE-1RE

Tgt Ion:168 Resp: 224966

Ion	Ratio	Lower	Upper
168	100		
99	57.1	45.0	67.6

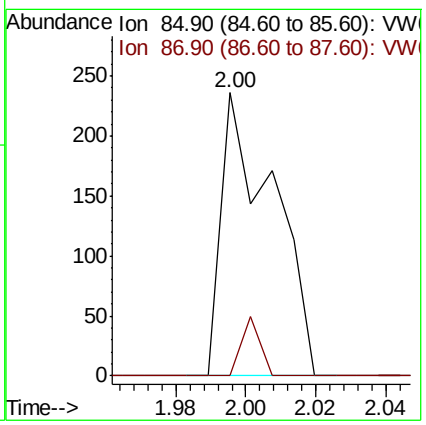


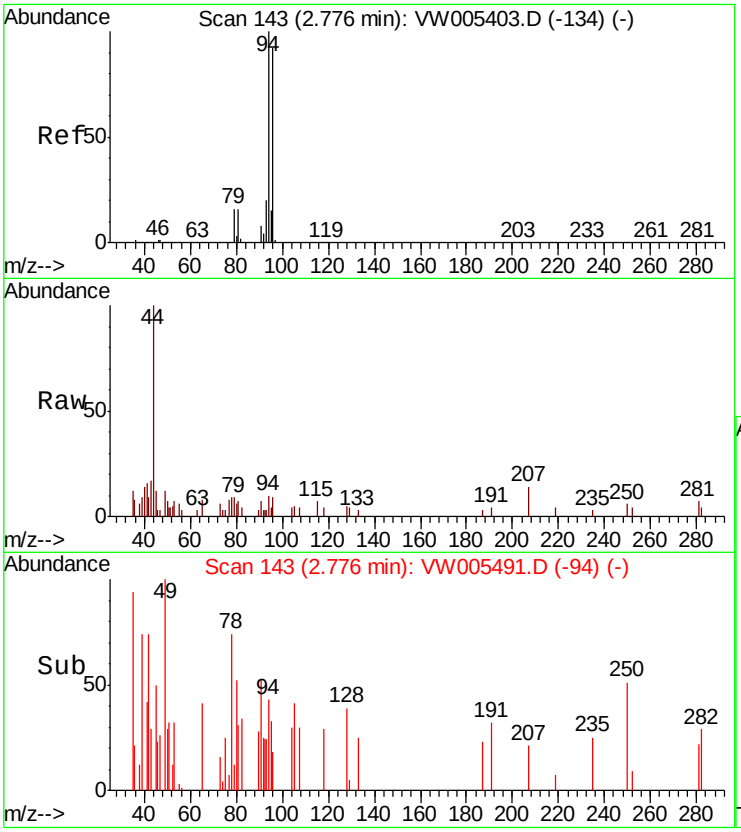


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 2.00 min Scan# 15
Delta R.T. -0.01 min
Lab File: VW005491.D
Acq: 18 Sep 2018 20:28

Tgt Ion: 85 Resp: 243

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.4	49.1#



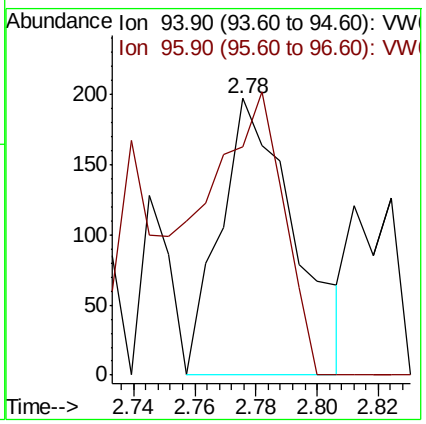


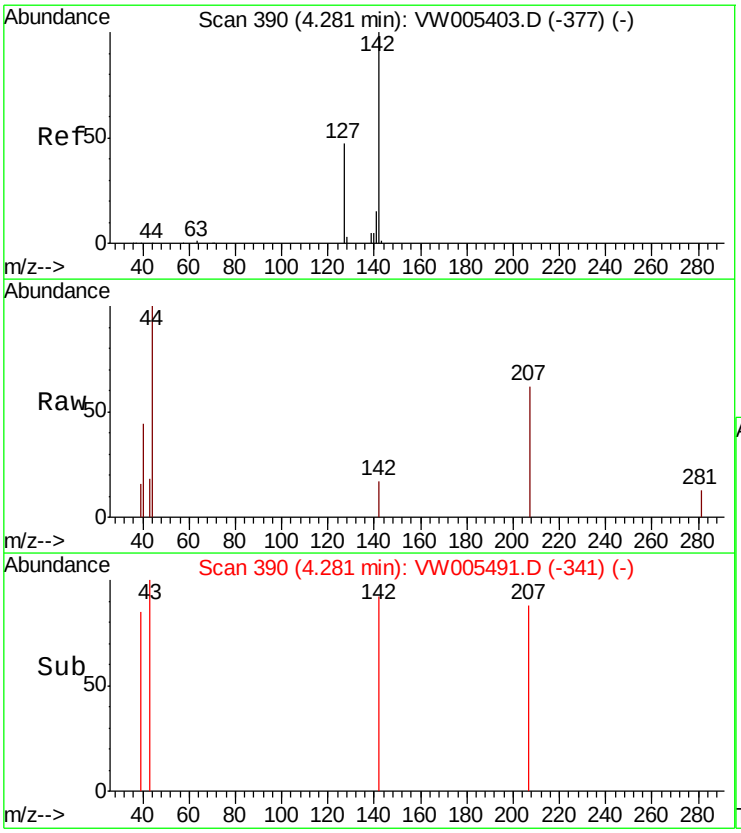
#5
Bromomethane
Concen: Below Cal
RT: 2.78 min Scan# 143
Delta R.T. 0.00 min
Lab File: VW005491.D
Acq: 18 Sep 2018 20:28

Instrument :
MSVOA_W
ClientSampleId :
PHASE-1RE

Tgt Ion: 94 Resp: 332

Ion	Ratio	Lower	Upper
94	100		
96	82.7	73.7	110.5

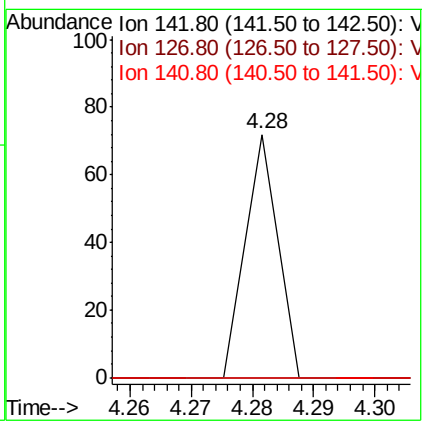


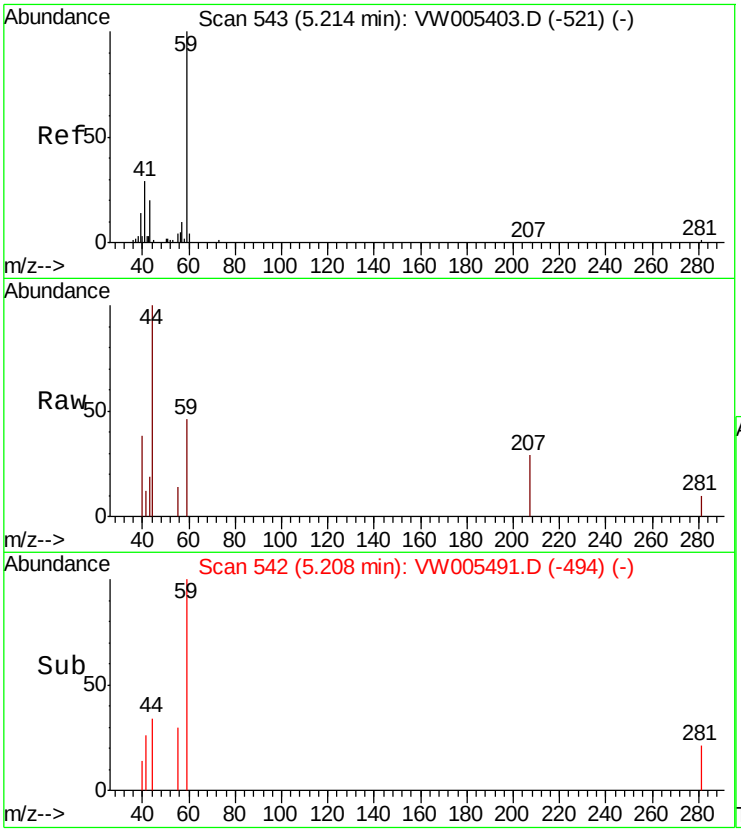


#10
Methyl Iodide
Concen: 4.061 ug/l
RT: 4.28 min Scan# 390
Delta R.T. 0.00 min
Lab File: VW005491.D
Acq: 18 Sep 2018 20:28

Tgt Ion:142 Resp: 26

Ion	Ratio	Lower	Upper
142	100		
127	0.0	37.5	56.3#
141	0.0	12.4	18.6#



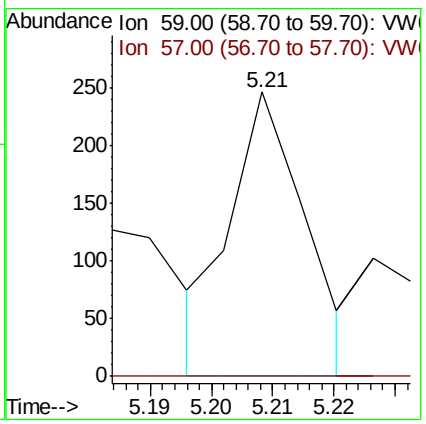


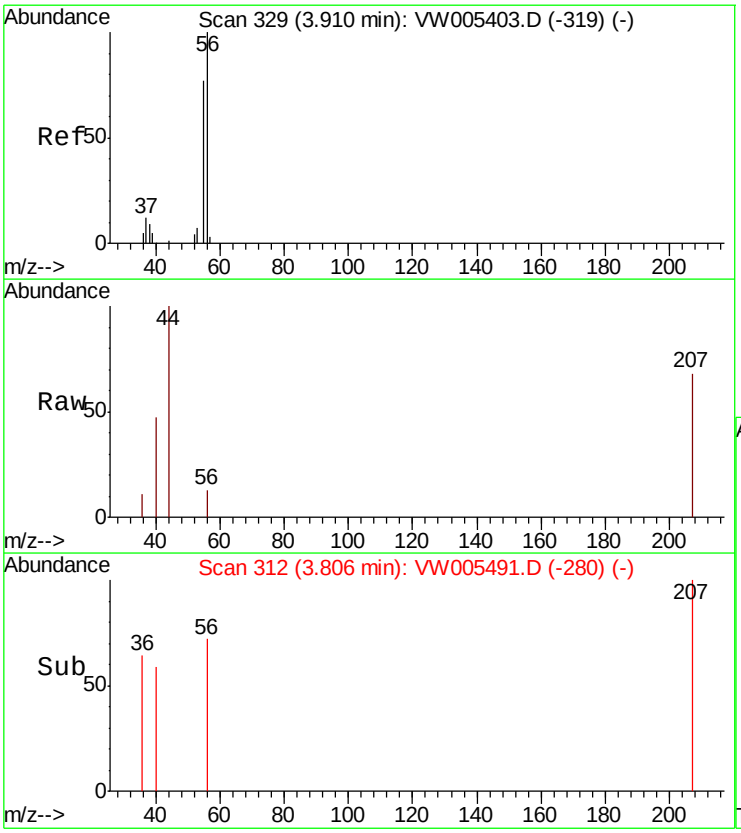
#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.21 min Scan# 542
Delta R.T. -0.01 min
Lab File: VW005491.D
Acq: 18 Sep 2018 20:28

Instrument :
MSVOA_W
ClientSampleId :
PHASE-1RE

Tgt Ion: 59 Resp: 207

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.6	13.0#

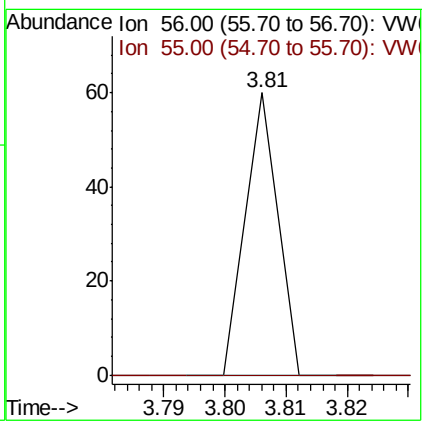


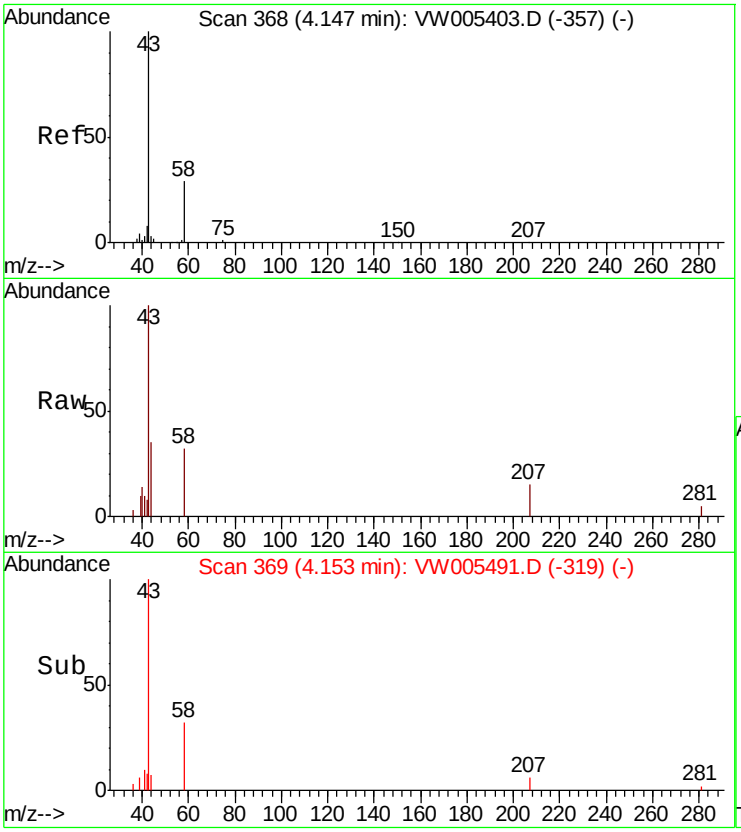


#13
Acrolein
Concen: Below Cal
RT: 3.81 min Scan# 312
Delta R.T. -0.10 min
Lab File: VW005491.D
Acq: 18 Sep 2018 20:28

Tgt Ion: 56 Resp: 22

Ion	Ratio	Lower	Upper
56	100		
55	0.0	59.8	89.8#



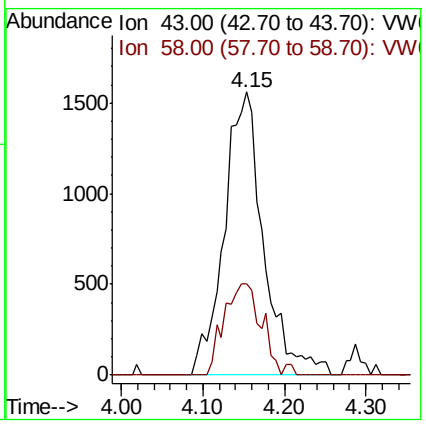


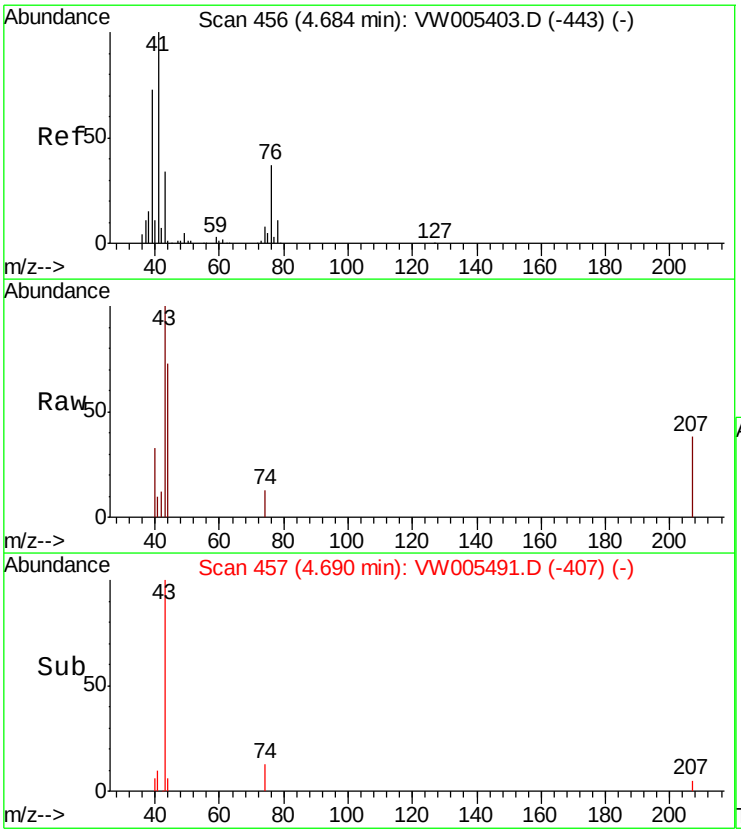
#16
Acetone
Concen: Below Cal
RT: 4.15 min Scan# 369
Delta R.T. 0.01 min
Lab File: VW005491.D
Acq: 18 Sep 2018 20:28

Instrument : MSVOA_W
ClientSampleId : PHASE-1RE

Tgt Ion: 43 Resp: 5204

Ion	Ratio	Lower	Upper
43	100		
58	32.1	22.8	34.2

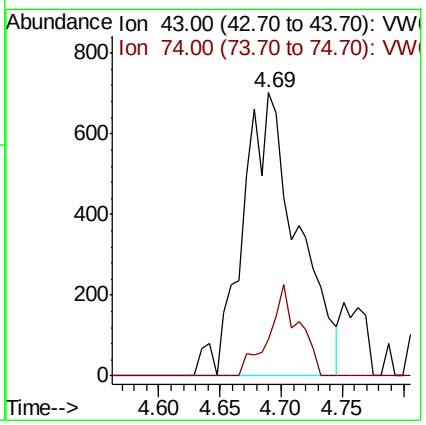


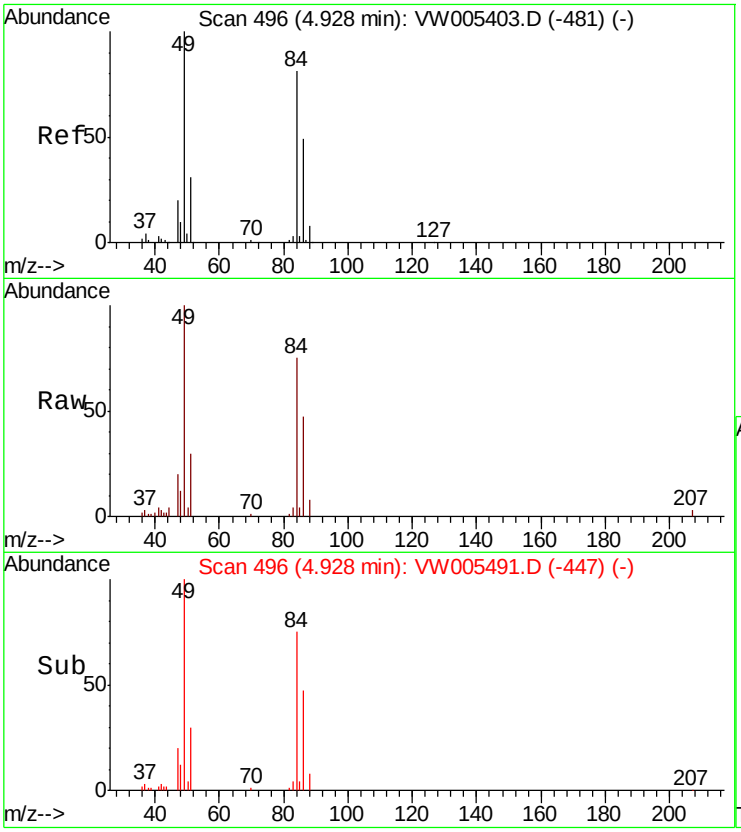


#18
Methyl Acetate
Concen: 1.964 ug/l
RT: 4.69 min Scan# 457
Delta R.T. 0.01 min
Lab File: VW005491.D
Acq: 18 Sep 2018 20:28

Tgt Ion: 43 Resp: 2204

Ion	Ratio	Lower	Upper
43	100		
74	17.6	17.7	26.5#



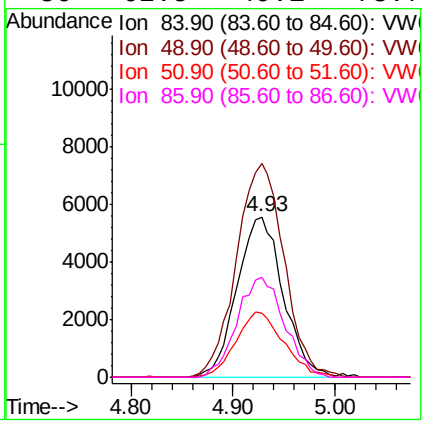


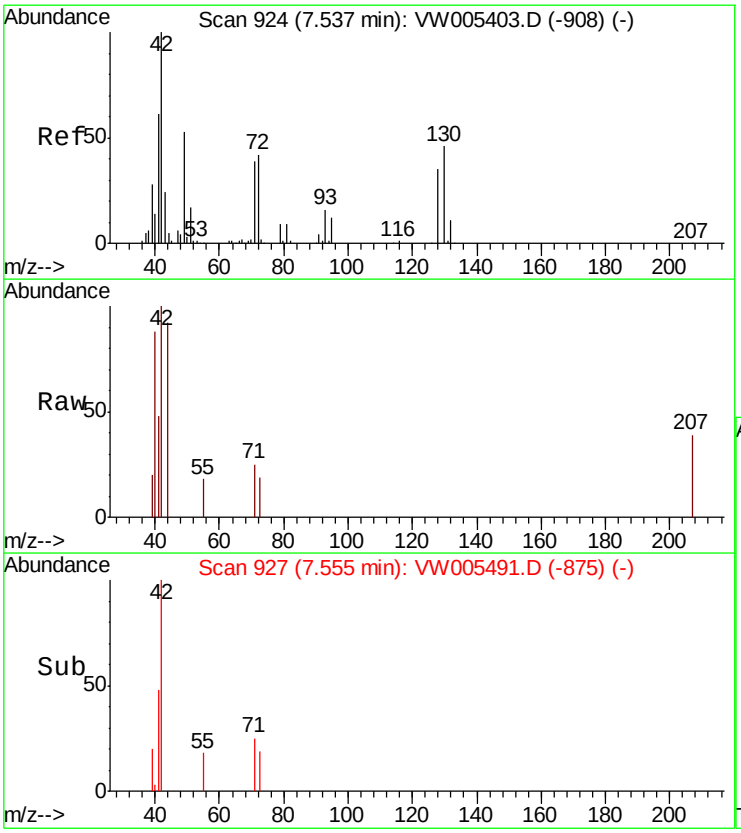
#20
Methylene Chloride
Concen: 2.049 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.00 min
Lab File: VW005491.D
Acq: 18 Sep 2018 20:28

Instrument : MSVOA_W
ClientSampleId : PHASE-1RE

Tgt Ion: 84 Resp: 17500

Ion	Ratio	Lower	Upper
84	100		
49	133.1	99.3	148.9
51	40.3	31.1	46.7
86	62.5	49.1	73.7

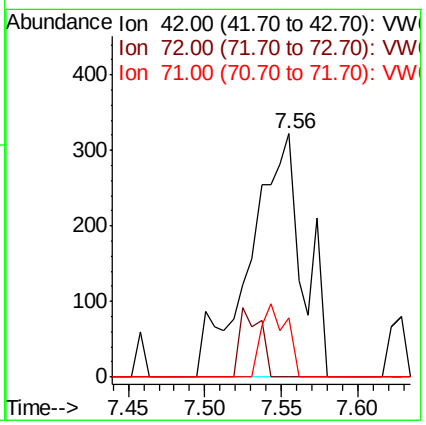


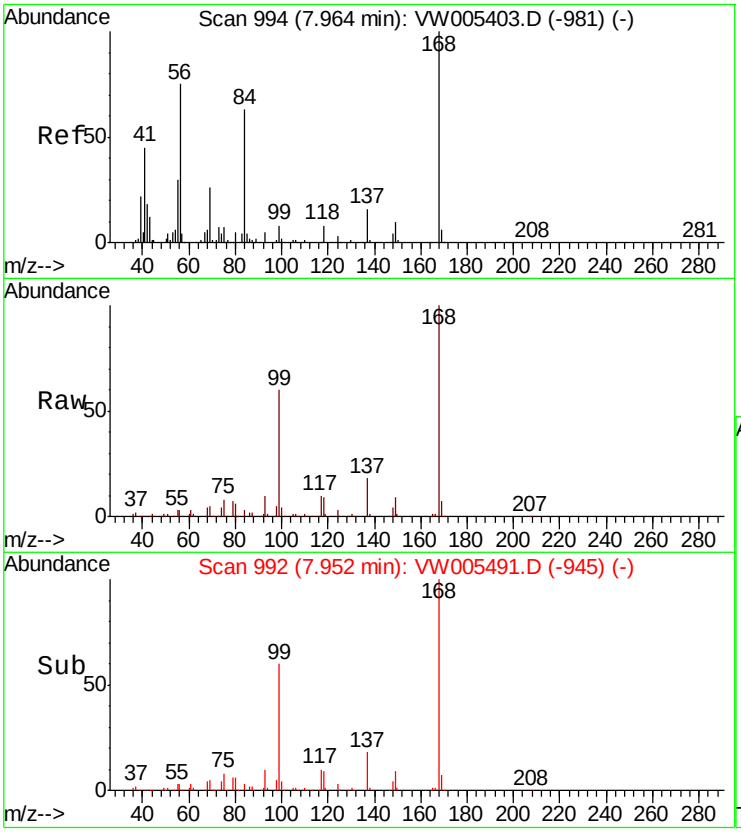


#29
Tetrahydrofuran
Concen: 2.149 ug/l
RT: 7.56 min Scan# 927
Delta R.T. 0.02 min
Lab File: VW005491.D
Acq: 18 Sep 2018 20:28

Tgt Ion: 42 Resp: 769

Ion	Ratio	Lower	Upper
42	100		
72	0.0	33.2	49.8#
71	14.4	31.0	46.6#



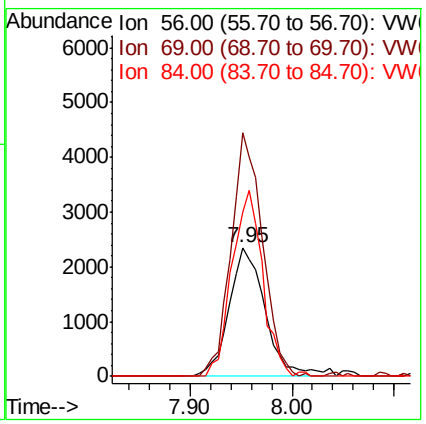


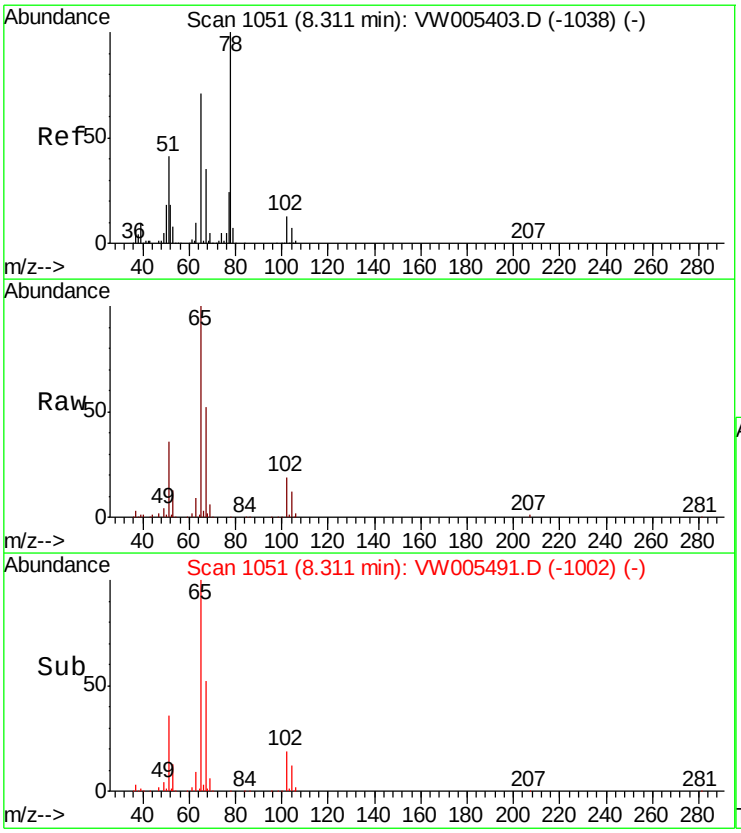
#31
Cyclohexane
Concen: 1.548 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW005491.D
Acq: 18 Sep 2018 20:28

Instrument :
MSVOA_W
ClientSampleId :
PHASE-1RE

Tgt Ion: 56 Resp: 5770

Ion	Ratio	Lower	Upper
56	100		
69	189.5	27.2	40.8#
84	127.4	66.7	100.1#

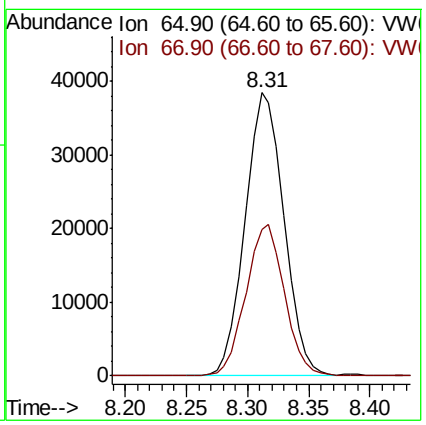


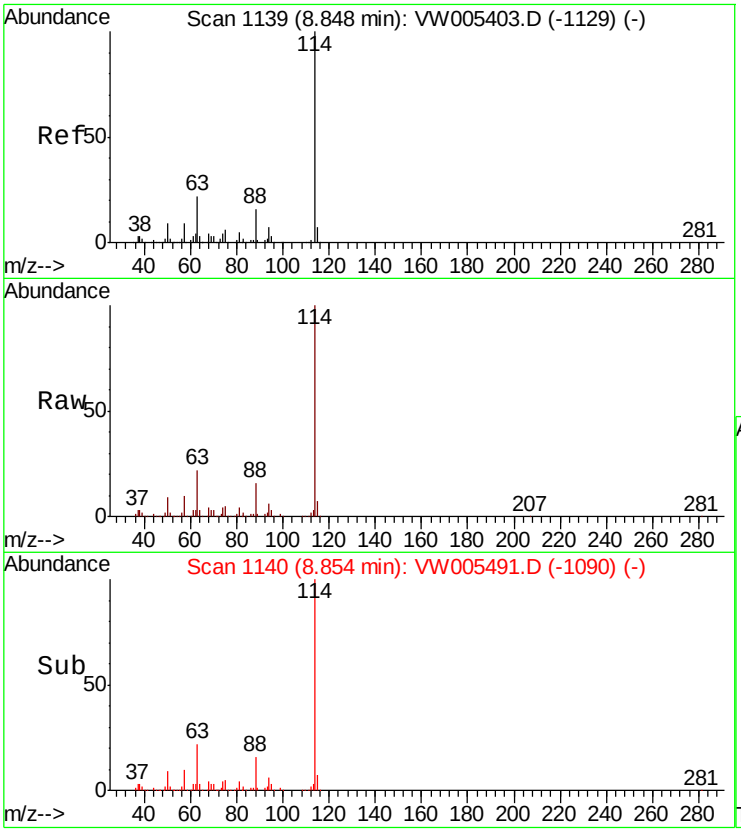


#33
1,2-Dichloroethane-d4
Concen: 36.418 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW005491.D
Acq: 18 Sep 2018 20:28

Tgt Ion: 65 Resp: 85042

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	100.6



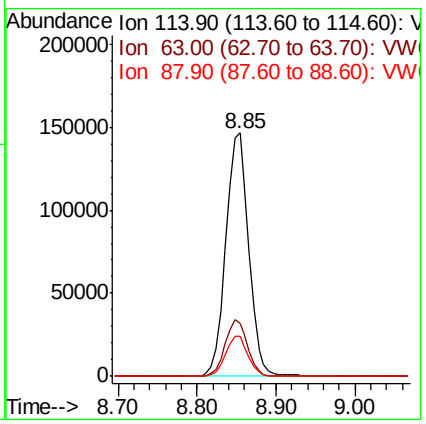


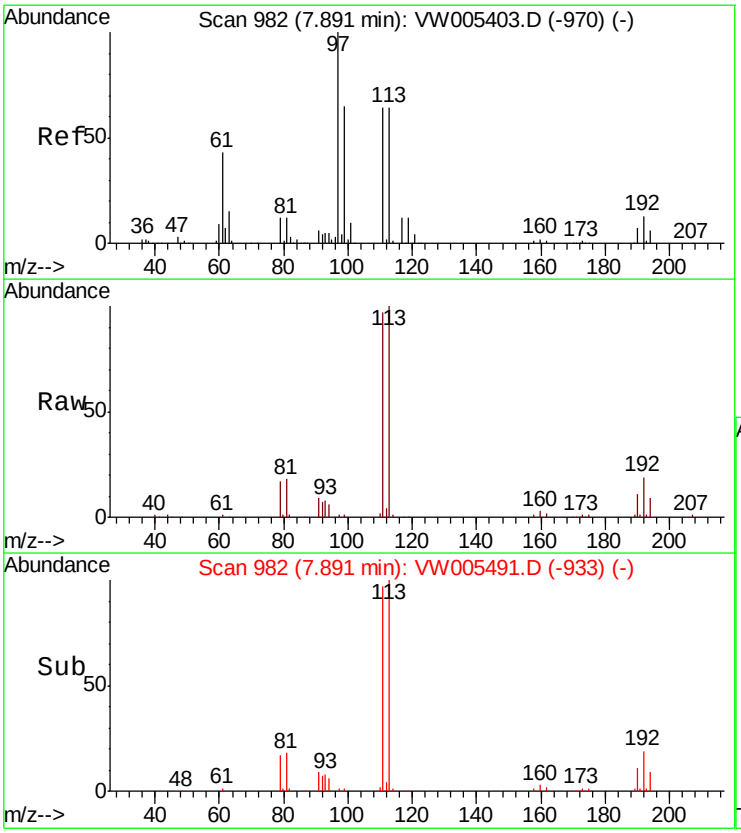
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1140
Delta R.T. 0.01 min
Lab File: VW005491.D
Acq: 18 Sep 2018 20:28

Instrument : MSVOA_W
ClientSampleId : PHASE-1RE

Tgt Ion:114 Resp: 296241

Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	43.4
88	16.3	0.0	31.8

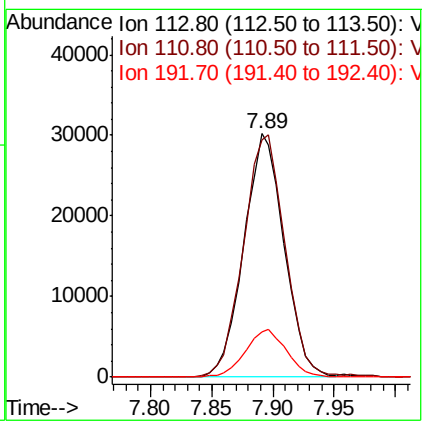


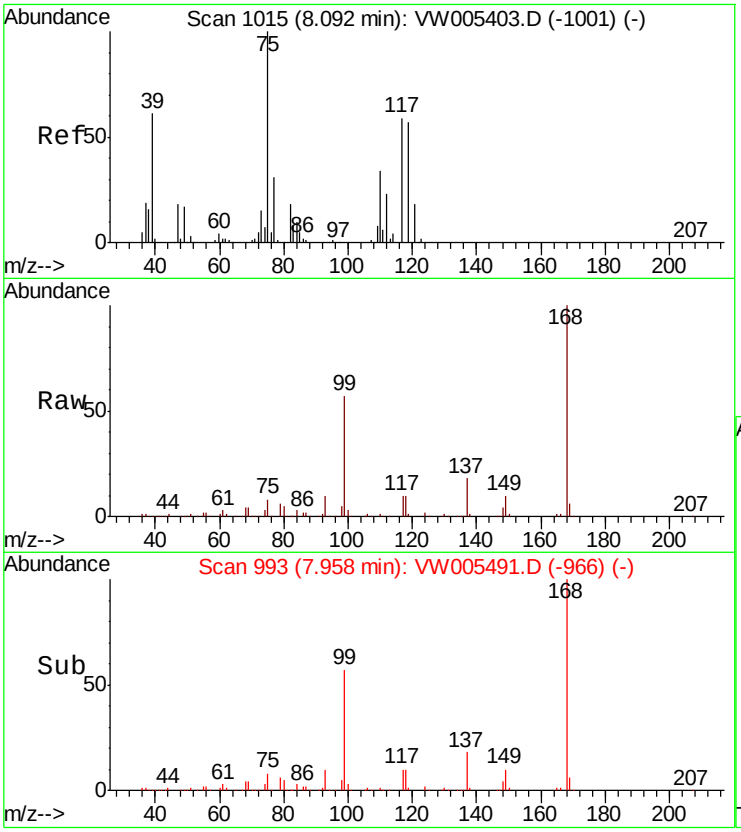


#35
Dibromofluoromethane
Concen: 41.641 ug/l
RT: 7.89 min Scan# 982
Delta R.T. 0.00 min
Lab File: VW005491.D
Acq: 18 Sep 2018 20:28

Tgt Ion:113 Resp: 69165

Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.3	123.5
192	20.0	16.5	24.7



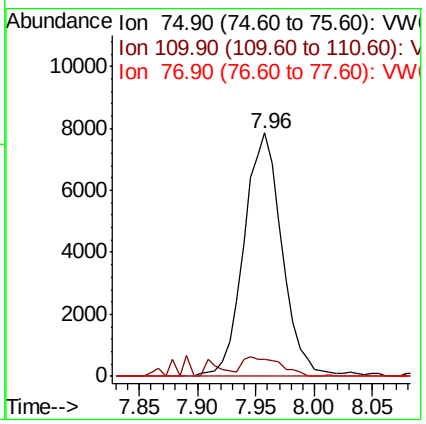


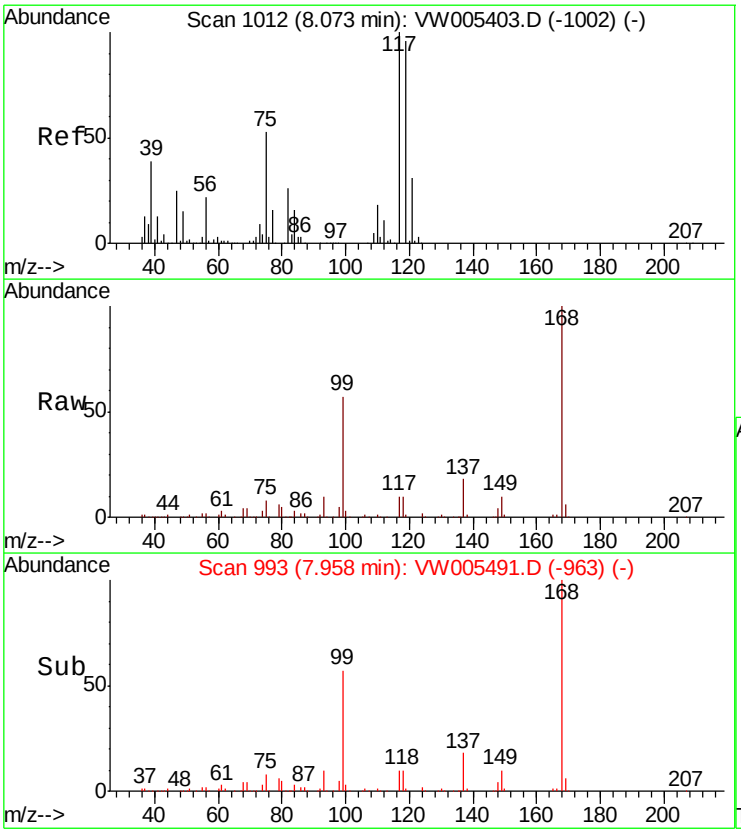
#36
1,1-Dichloropropene
Concen: 6.371 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.13 min
Lab File: VW005491.D
Acq: 18 Sep 2018 20:28

Instrument :
MSVOA_W
ClientSampleId :
PHASE-1RE

Tgt Ion: 75 Resp: 17862

Ion	Ratio	Lower	Upper
75	100		
110	7.8	16.8	50.4#
77	0.0	24.2	36.4#

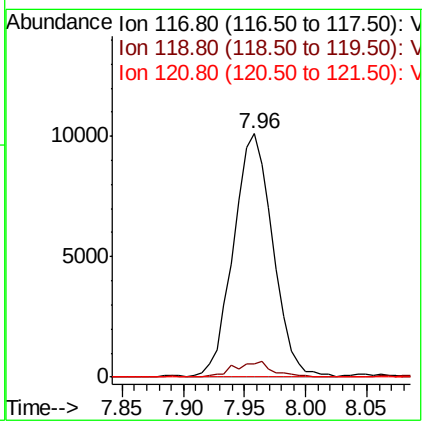


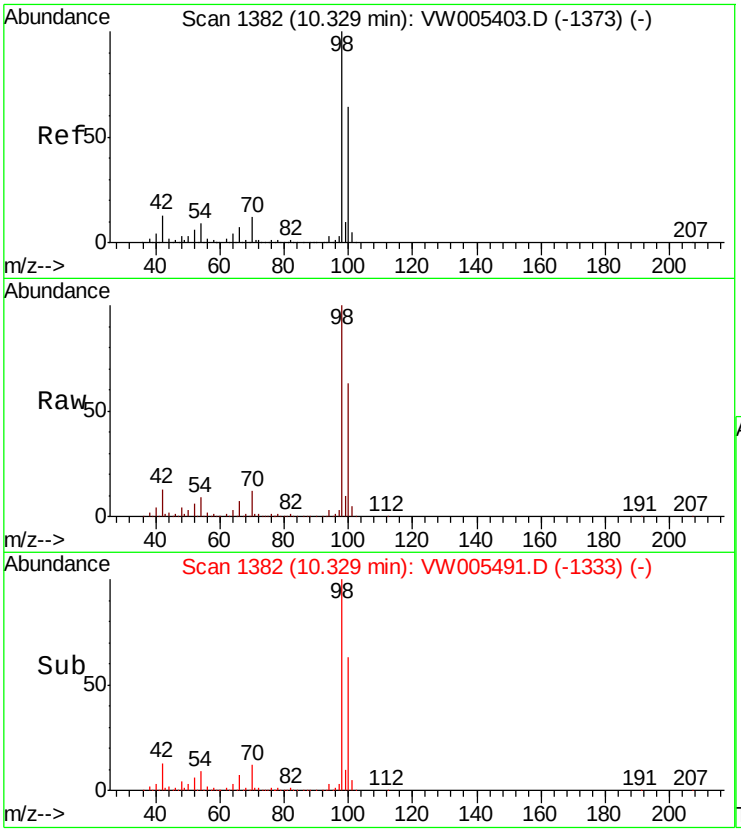


#38
Carbon Tetrachloride
Concen: 7.730 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.12 min
Lab File: VW005491.D
Acq: 18 Sep 2018 20:28

Tgt Ion:117 Resp: 22583

Ion	Ratio	Lower	Upper
117	100		
119	5.2	76.8	115.2#
121	0.0	24.7	37.1#



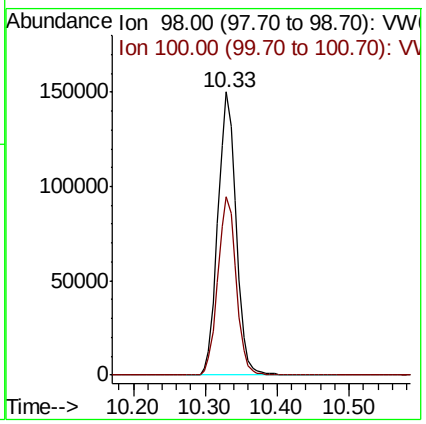


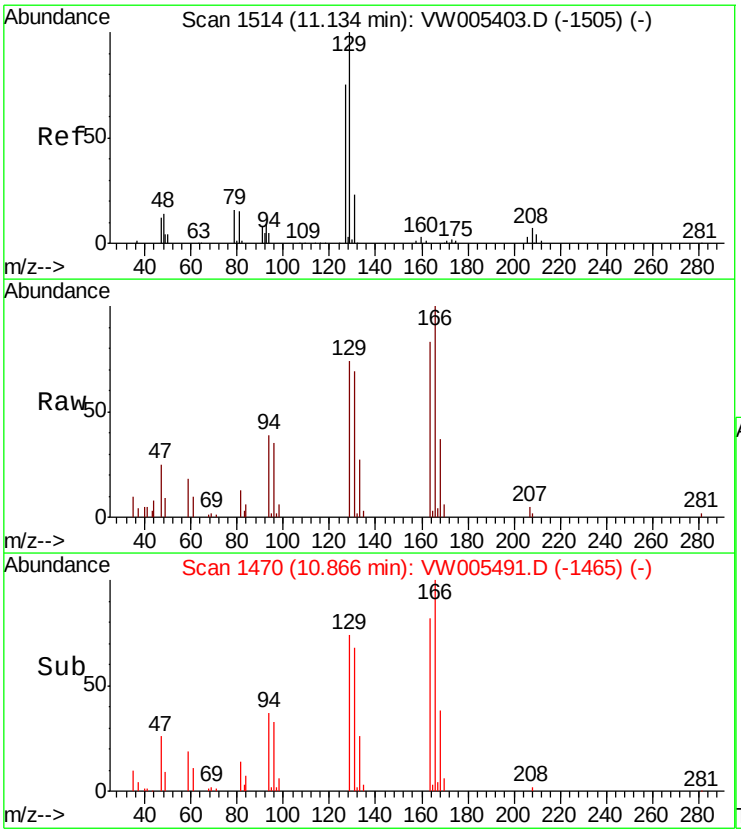
#50
Toluene-d8
Concen: 34.816 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW005491.D
Acq: 18 Sep 2018 20:28

Instrument :
MSVOA_W
ClientSampleId :
PHASE-1RE

Tgt Ion: 98 Resp: 264833

Ion	Ratio	Lower	Upper
98	100		
100	63.1	51.4	77.0

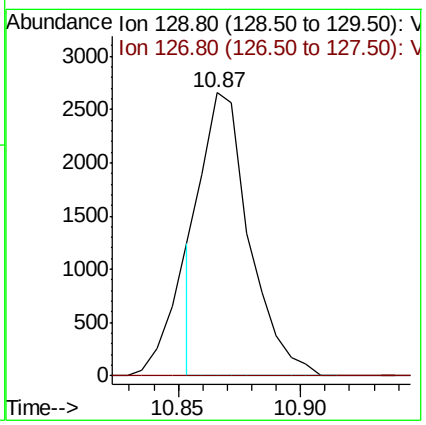


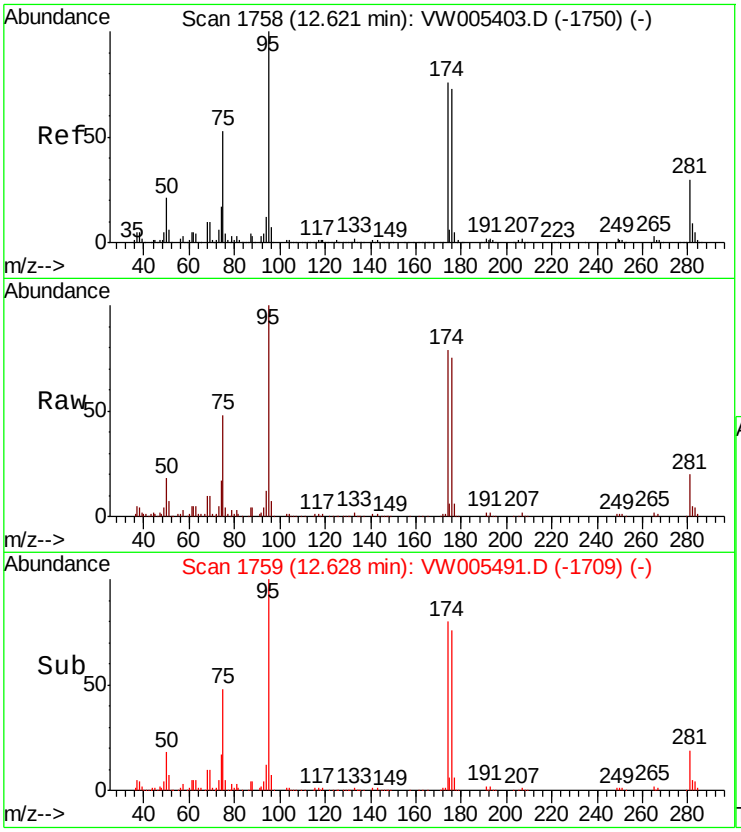


#60
Dibromochloromethane
Concen: 2.118 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.27 min
Lab File: VW005491.D
Acq: 18 Sep 2018 20:28

Tgt Ion:129 Resp: 3616

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.5	115.3#



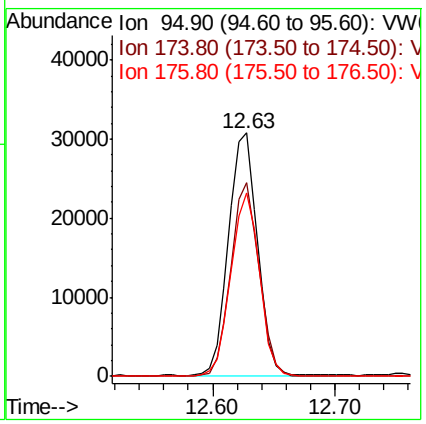


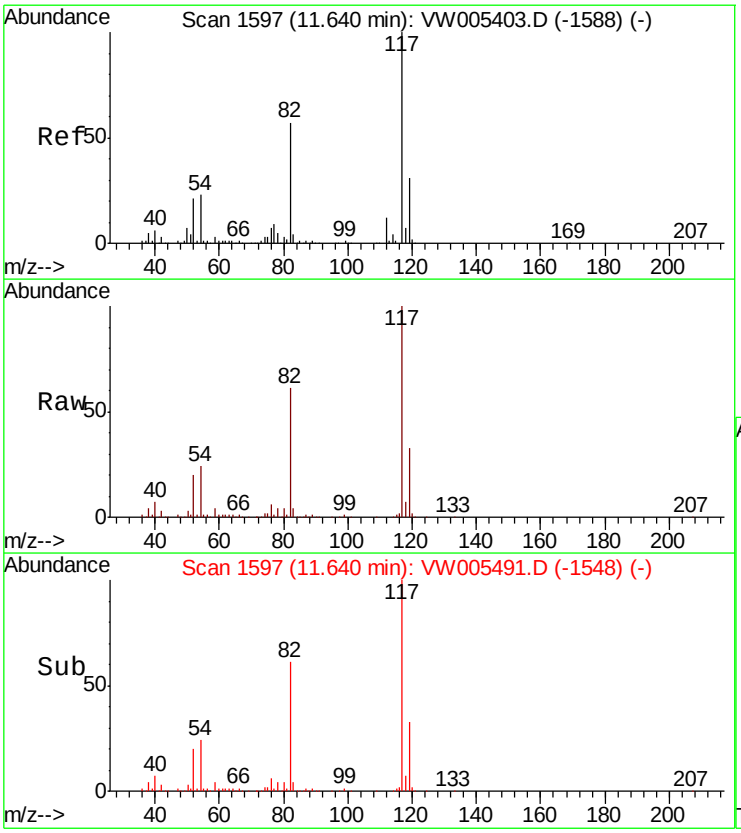
#62
4-Bromofluorobenzene
Concen: 18.001 ug/l
RT: 12.63 min Scan# 1759
Delta R.T. 0.01 min
Lab File: VW005491.D
Acq: 18 Sep 2018 20:28

Instrument :
MSVOA_W
ClientSampleId :
PHASE-1RE

Tgt Ion: 95 Resp: 50206

Ion	Ratio	Lower	Upper
95	100		
174	77.9	0.0	161.2
176	74.3	0.0	156.6

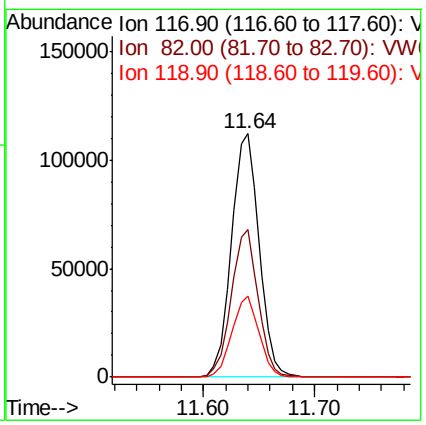


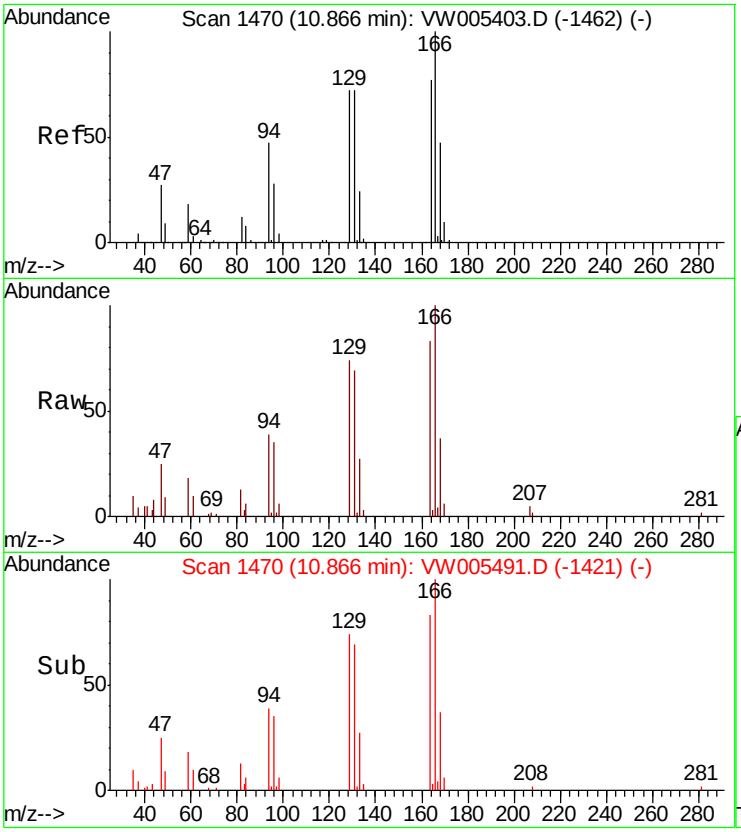


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.00 min
Lab File: VW005491.D
Acq: 18 Sep 2018 20:28

Tgt Ion:117 Resp: 192365

Ion	Ratio	Lower	Upper
117	100		
82	60.7	45.9	68.9
119	33.1	24.8	37.2



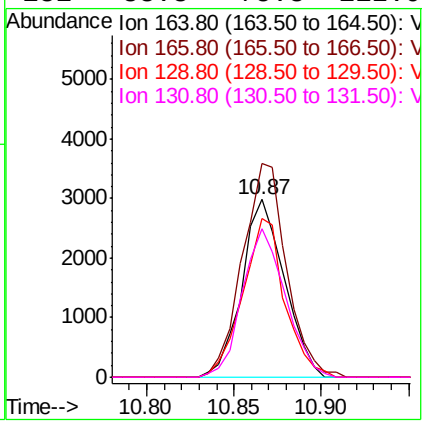


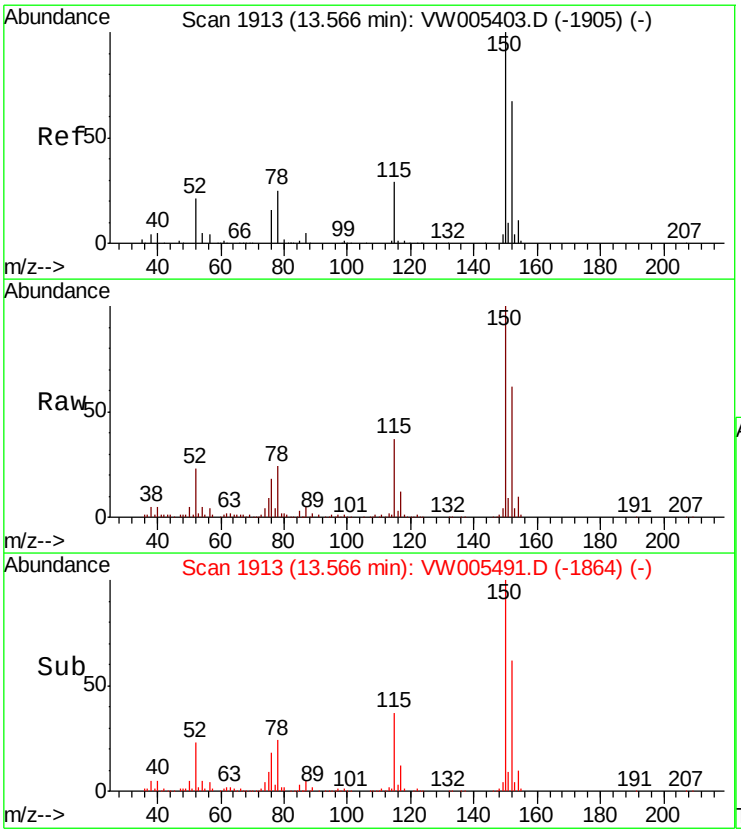
#64
Tetrachloroethene
Concen: 3.551 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW005491.D
Acq: 18 Sep 2018 20:28

Instrument :
MSVOA_W
ClientSampleId :
PHASE-1RE

Tgt Ion:164 Resp: 5049

Ion	Ratio	Lower	Upper
164	100		
166	120.3	104.0	156.0
129	89.1	74.9	112.3
131	83.3	75.3	112.9

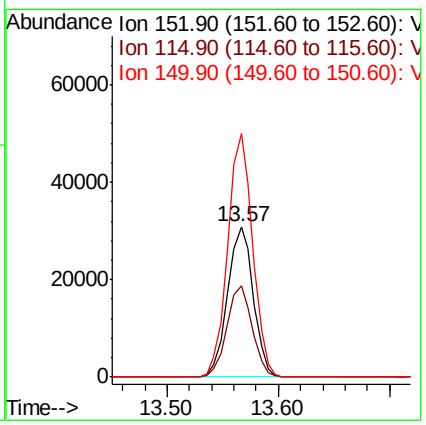


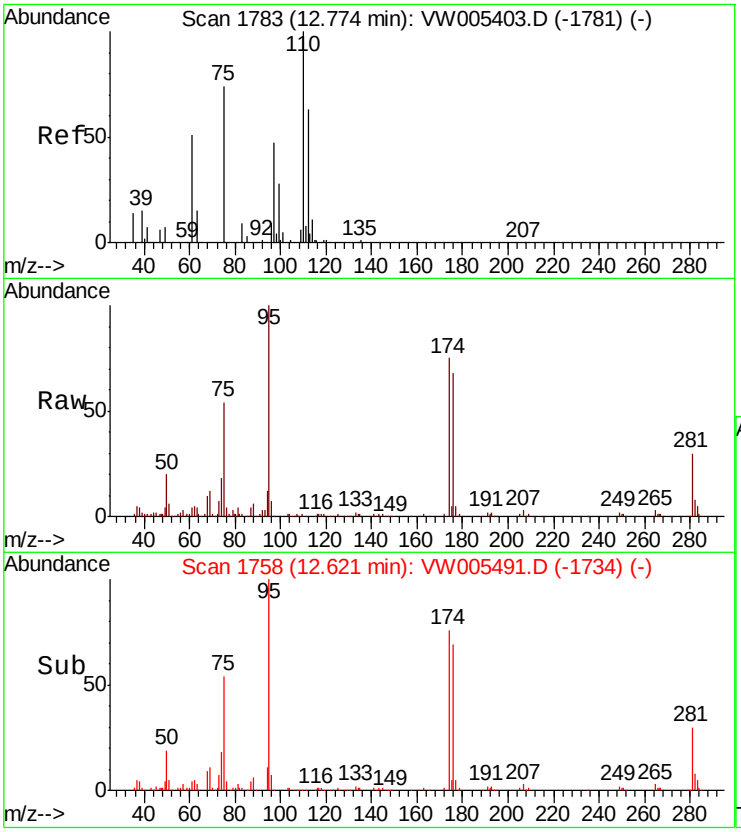


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW005491.D
Acq: 18 Sep 2018 20:28

Tgt Ion:152 Resp: 49315

Ion	Ratio	Lower	Upper
152	100		
115	60.0	29.5	88.5
150	156.5	0.0	345.6



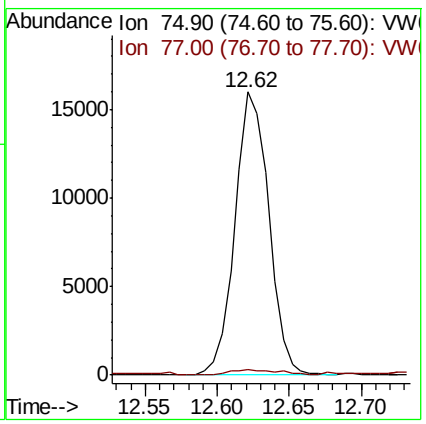


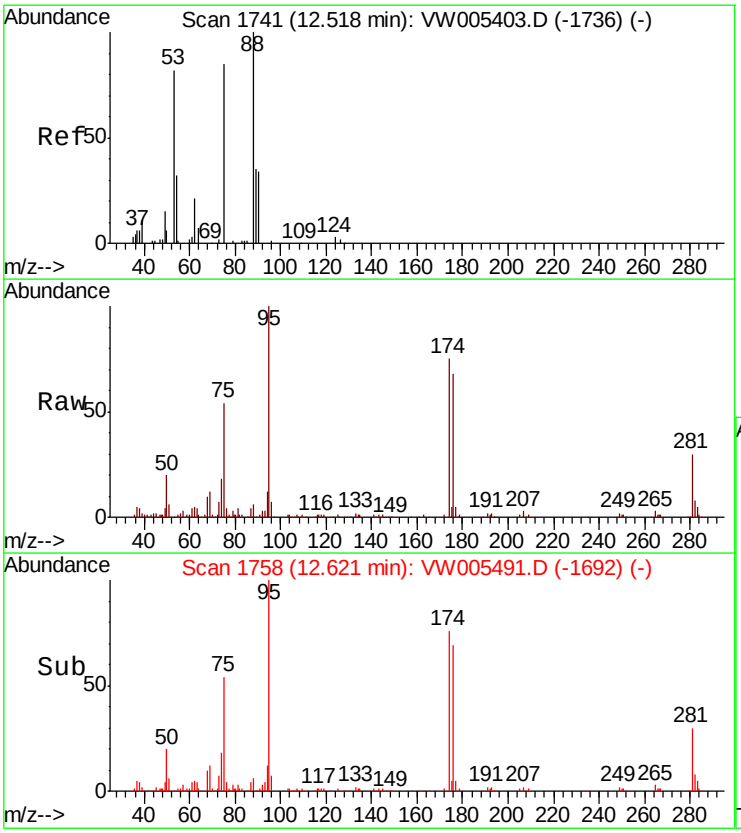
#76
1,2,3-Trichloropropane
Concen: 64.395 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW005491.D
Acq: 18 Sep 2018 20:28

Instrument :
MSVOA_W
ClientSampleId :
PHASE-1RE

Tgt Ion: 75 Resp: 26119

Ion	Ratio	Lower	Upper
75	100		
77	2.9	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 167.045 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.10 min
Lab File: VW005491.D
Acq: 18 Sep 2018 20:28

Tgt Ion: 75 Resp: 26119

Ion	Ratio	Lower	Upper
75	100		
53	0.6	83.2	124.8#
89	0.4	36.6	54.8#