Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091718\
Data File : VW005433.D
Acq On : 17 Sep 2018 15:03
Operator : SY/AP
Sample : J4773-07
Misc : 6.58G/5ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : CL-01-091418-D

Quant Time: Sep 18 01:03:03 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	242299	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	380464	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	334416	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	131397	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	120267	47.82	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.64%			
35) Dibromofluoromethane	7.90	113	97659	45.78	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.56%			
50) Toluene-d8	10.33	98	383694	39.28	ug/l	0.00
Spiked Amount 50.000			Recovery = 78.56%			
62) 4-Bromofluorobenzene	12.63	95	128523	35.88	ug/l	0.00
Spiked Amount 50.000			Recovery = 71.76%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	142	Below Cal	#	42
5) Bromomethane	2.78	94	176	Below Cal	#	22
10) Methyl Iodide	4.29	142	88	4.082 ug/l	#	76
11) Tert butyl alcohol	5.21	59	307	Below Cal	#	71
13) Acrolein	3.68	56	20	Below Cal	#	12
16) Acetone	4.15	43	9386	8.549 ug/l		97
20) Methylene Chloride	4.92	84	24447	4.584 ug/l		95
25) 2-Butanone	7.15	43	3848	6.360 ug/l	#	72
26) 2,2-Dichloropropane	7.15	77	4365	1.169 ug/l	#	55
29) Tetrahydrofuran	7.55	42	508	1.318 ug/l	#	39
31) Cyclohexane	7.96	56	5510	1.373 ug/l	#	1
36) 1,1-Dichloropropene	7.95	75	18392	5.108 ug/l	#	51
38) Carbon Tetrachloride	7.96	117	23423	6.243 ug/l	#	17
59) 2-Hexanone	10.94	43	1421	1.418 ug/l	#	27
76) 1,2,3-Trichloropropane	12.63	75	66515	61.548 ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.63	75	66515	159.658 ug/l	#	8
95) Naphthalene	15.38	128	30795	7.170 ug/l		97

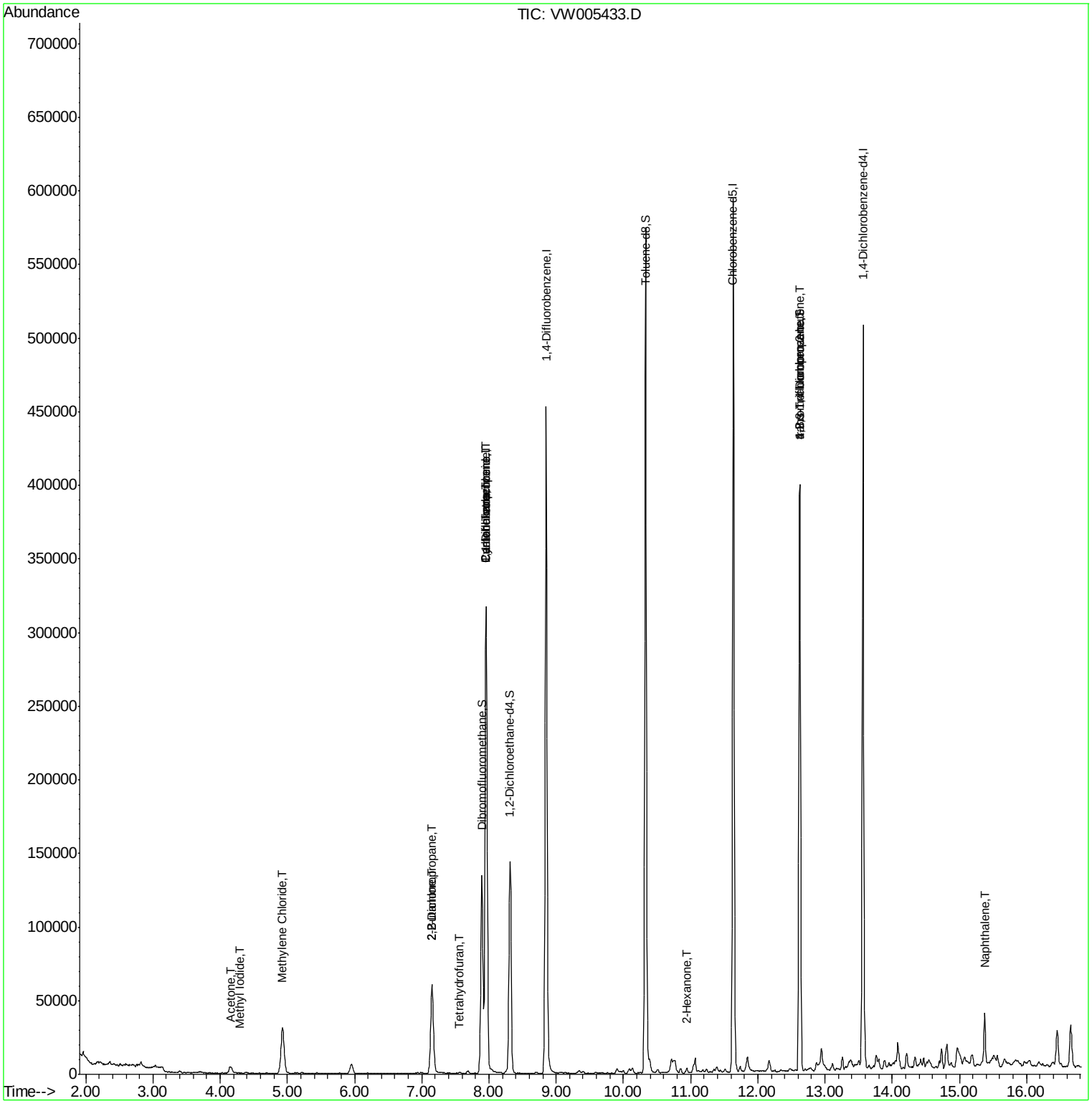
(#) = qualifier out of range (m) = manual integration (+) = signals summed

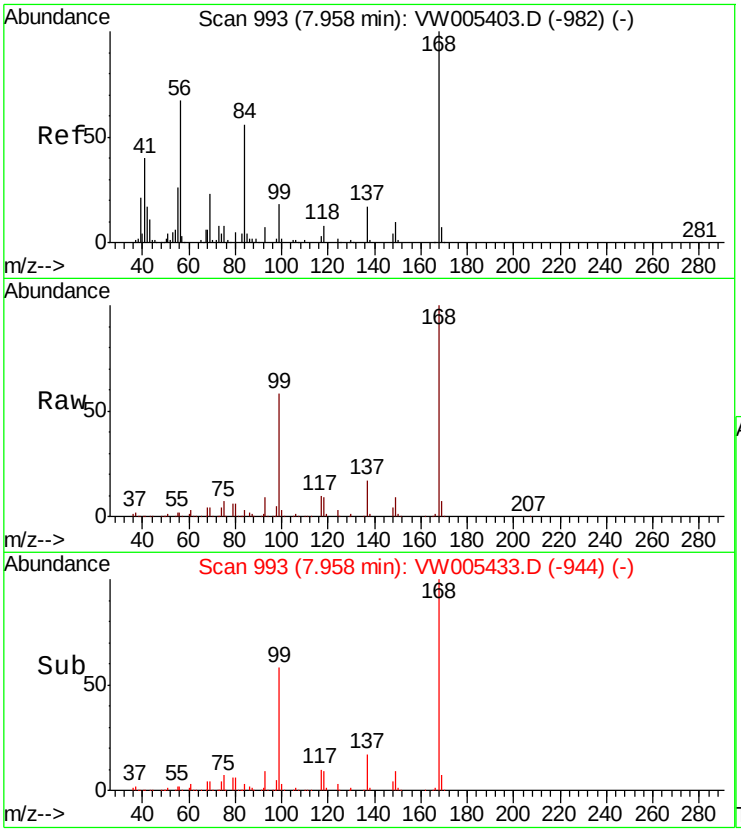
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091718\
Data File : VW005433.D
Acq On : 17 Sep 2018 15:03
Operator : SY/AP
Sample : J4773-07
Misc : 6.58G/5ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
CL-01-091418-D

Quant Time: Sep 18 01:03:03 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



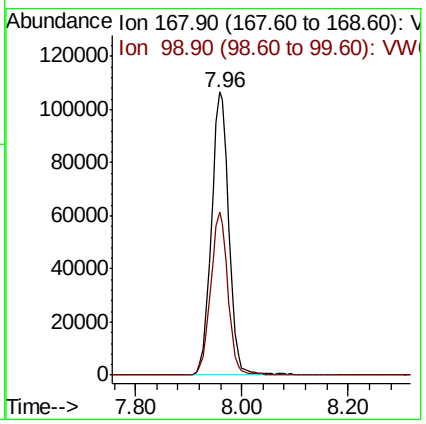


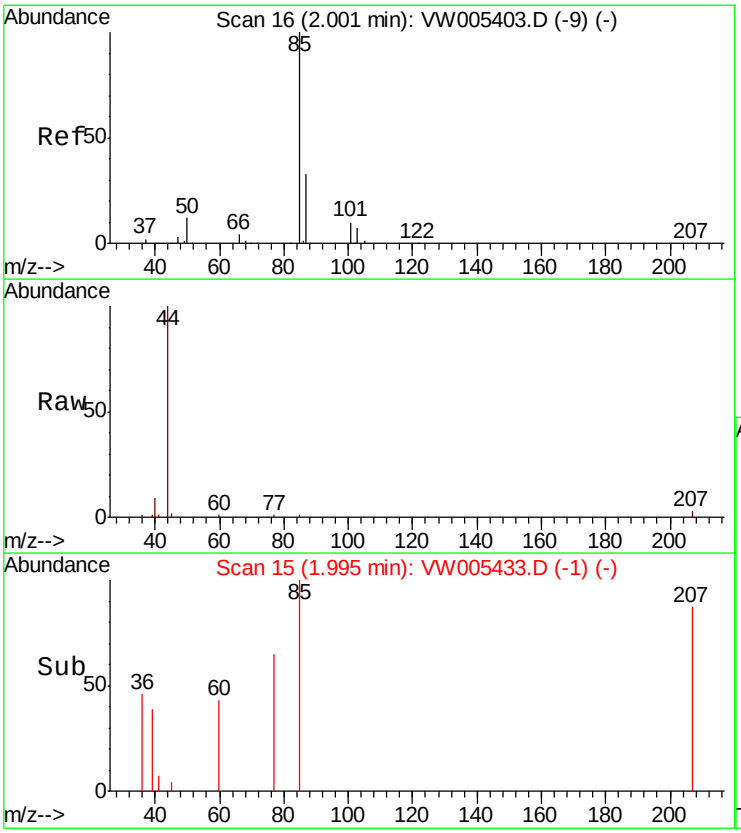
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW005433.D
Acq: 17 Sep 2018 15:03

Instrument :
MSVOA_W
ClientSampleId :
CL-01-091418-D

Tgt Ion:168 Resp: 242299

Ion	Ratio	Lower	Upper
168	100		
99	57.7	45.0	67.6

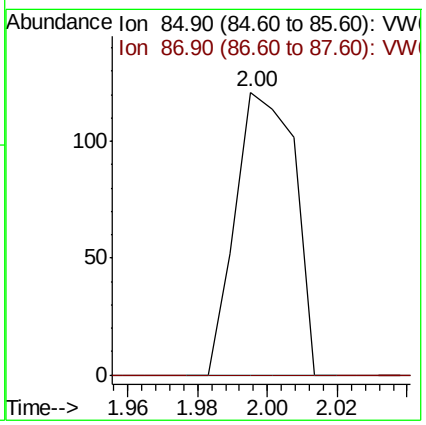


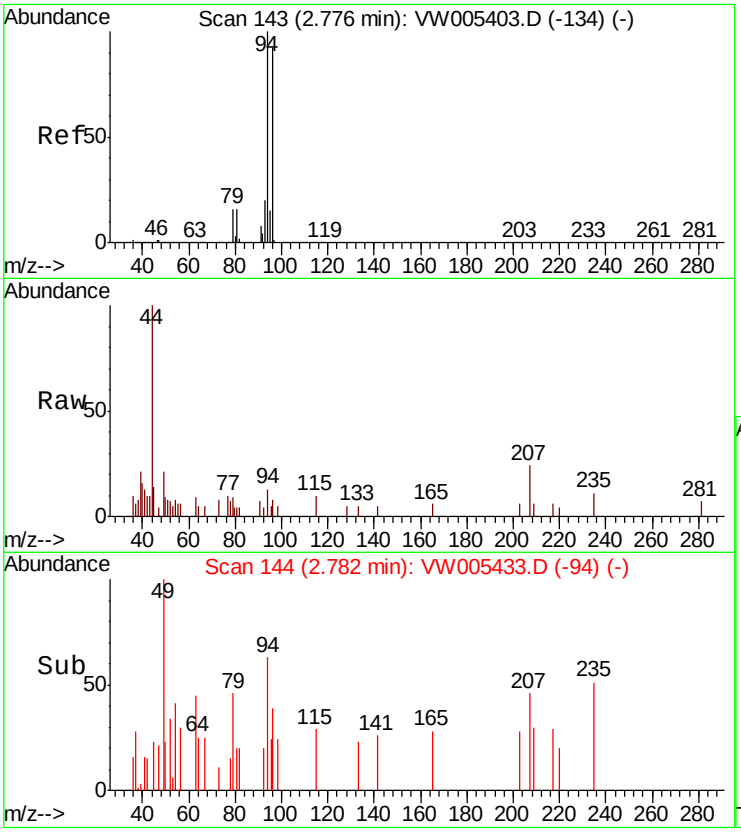


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 2.00 min Scan# 15
Delta R.T. -0.01 min
Lab File: VW005433.D
Acq: 17 Sep 2018 15:03

Tgt Ion: 85 Resp: 142

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.4	49.1#



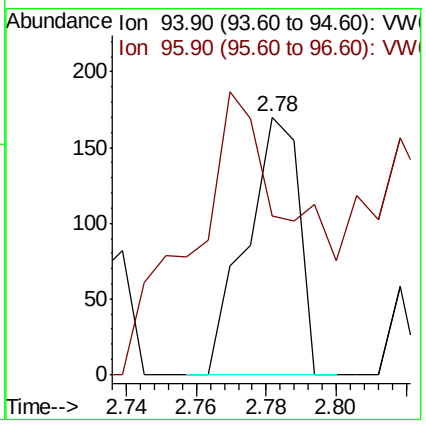


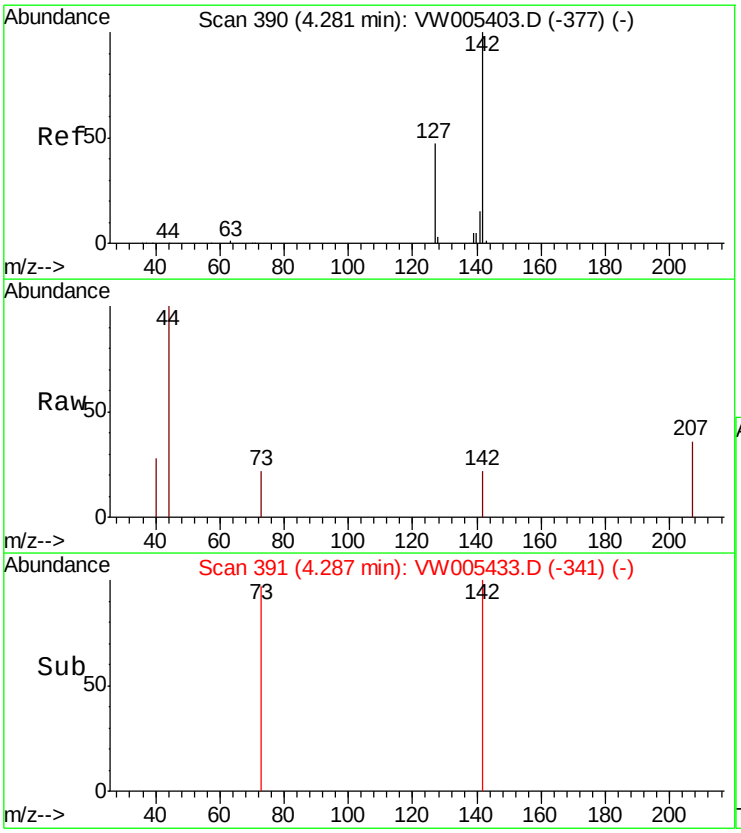
#5
Bromomethane
Concen: Below Cal
RT: 2.78 min Scan# 144
Delta R.T. 0.01 min
Lab File: VW005433.D
Acq: 17 Sep 2018 15:03

Instrument : MSVOA_W
ClientSampleId : CL-01-091418-D

Tgt Ion: 94 Resp: 176

Ion	Ratio	Lower	Upper
94	100		
96	17.6	73.7	110.5#

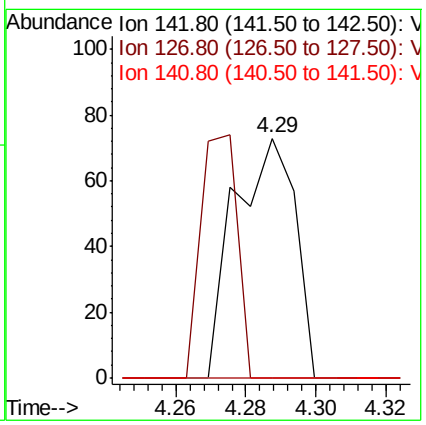


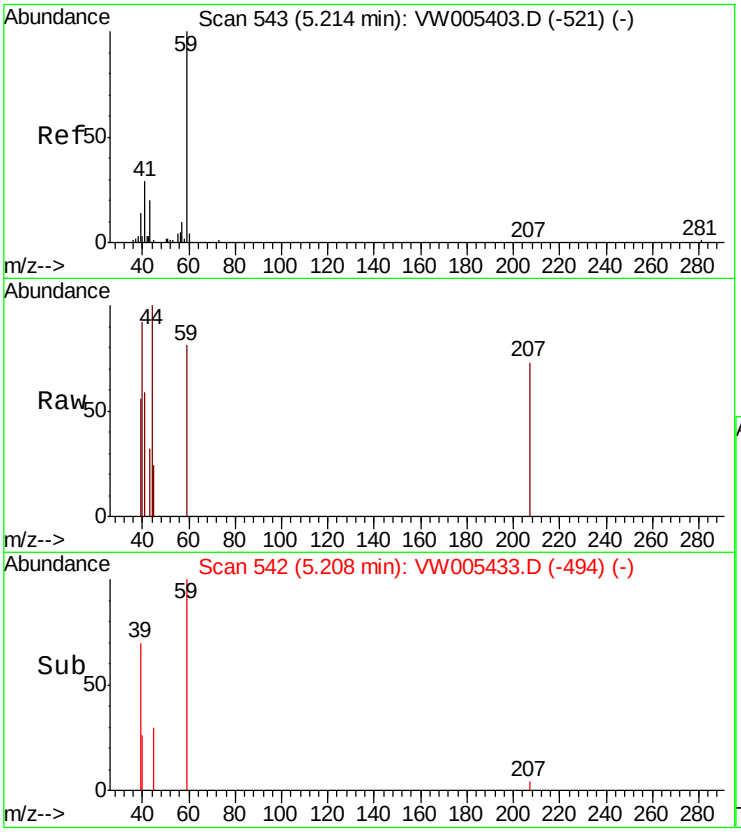


#10
Methyl Iodide
Concen: 4.082 ug/l
RT: 4.29 min Scan# 391
Delta R.T. 0.01 min
Lab File: VW005433.D
Acq: 17 Sep 2018 15:03

Tgt Ion:142 Resp: 88

Ion	Ratio	Lower	Upper
142	100		
127	60.2	37.5	56.3#
141	0.0	12.4	18.6#



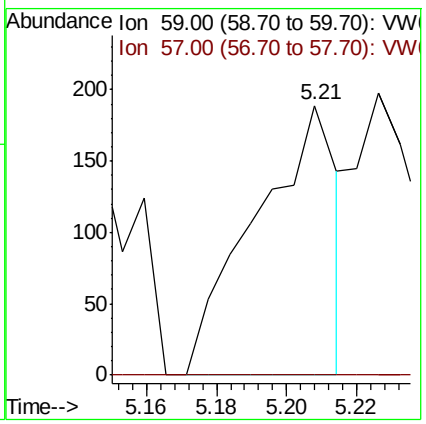


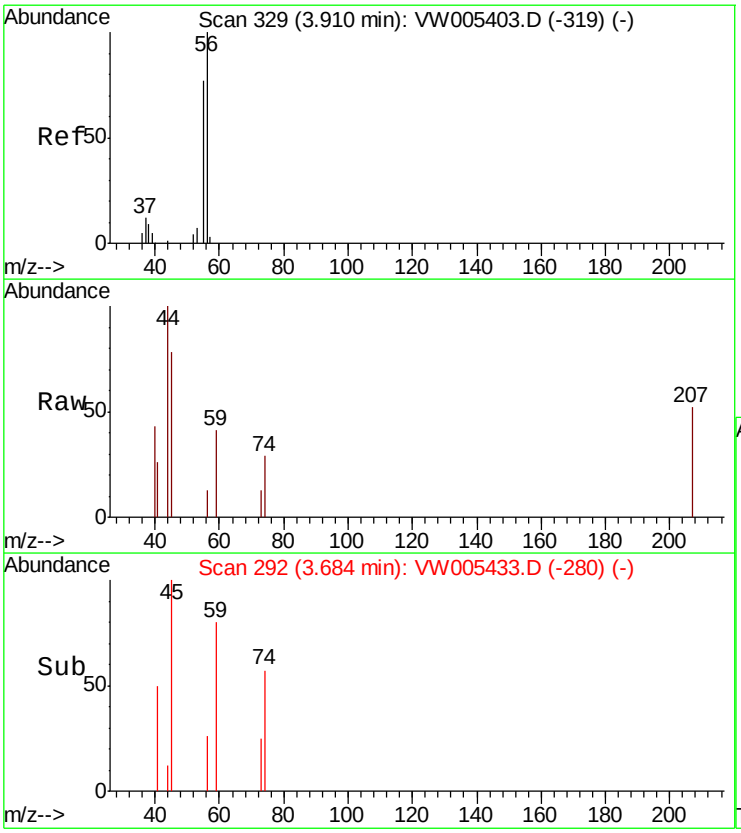
#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.21 min Scan# 542
Delta R.T. -0.01 min
Lab File: VW005433.D
Acq: 17 Sep 2018 15:03

Instrument :
MSVOA_W
ClientSampleId :
CL-01-091418-D

Tgt Ion: 59 Resp: 307

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.6	13.0#

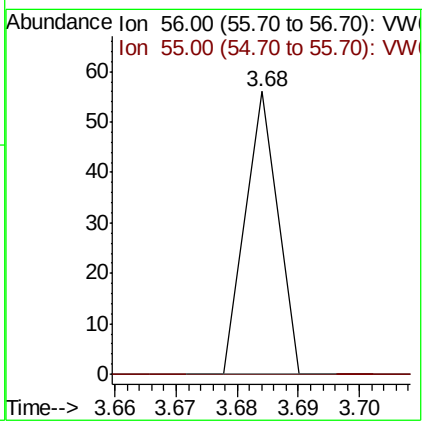


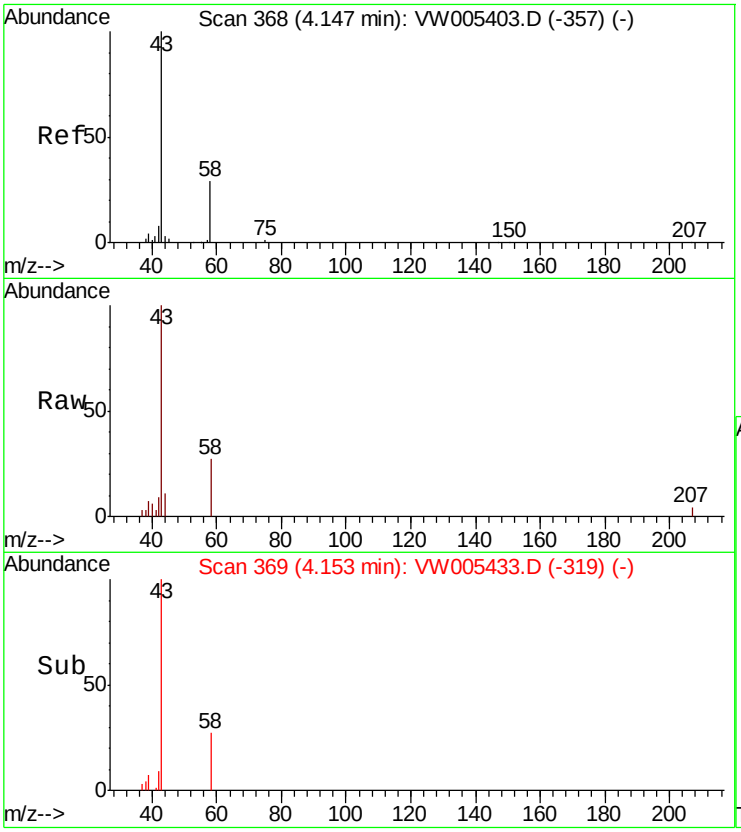


#13
Acrolein
Concen: Below Cal
RT: 3.68 min Scan# 292
Delta R.T. -0.23 min
Lab File: VW005433.D
Acq: 17 Sep 2018 15:03

Tgt Ion: 56 Resp: 20

Ion	Ratio	Lower	Upper
56	100		
55	0.0	59.8	89.8#



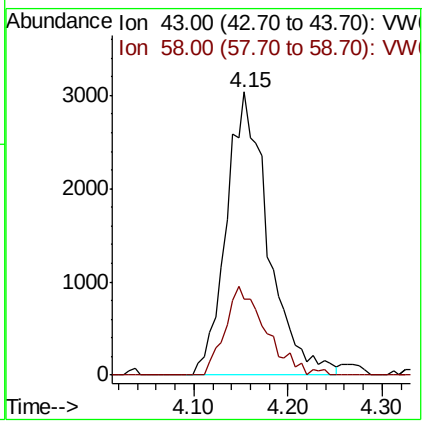


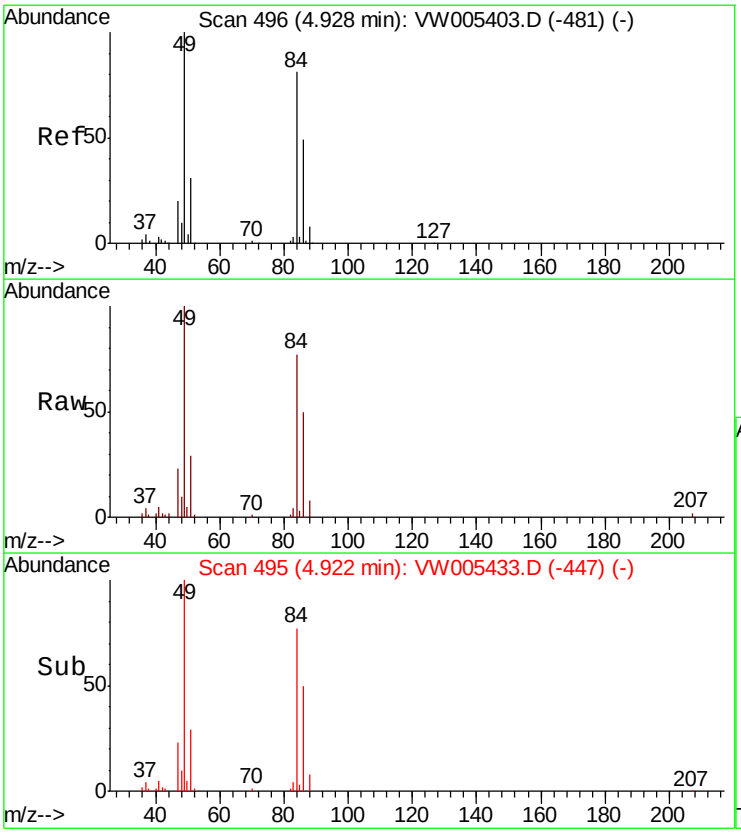
#16
Acetone
Concen: 8.549 ug/l
RT: 4.15 min Scan# 369
Delta R.T. 0.01 min
Lab File: VW005433.D
Acq: 17 Sep 2018 15:03

Instrument : MSVOA_W
ClientSampleId : CL-01-091418-D

Tgt Ion: 43 Resp: 9386

Ion	Ratio	Lower	Upper
43	100		
58	26.6	22.8	34.2

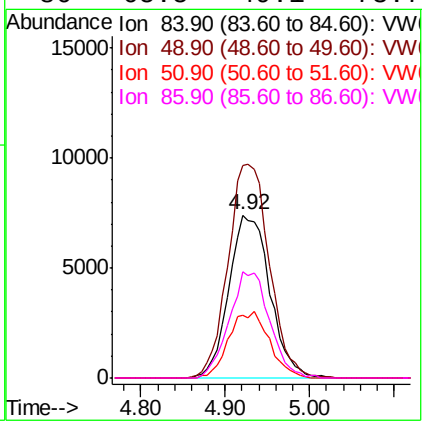


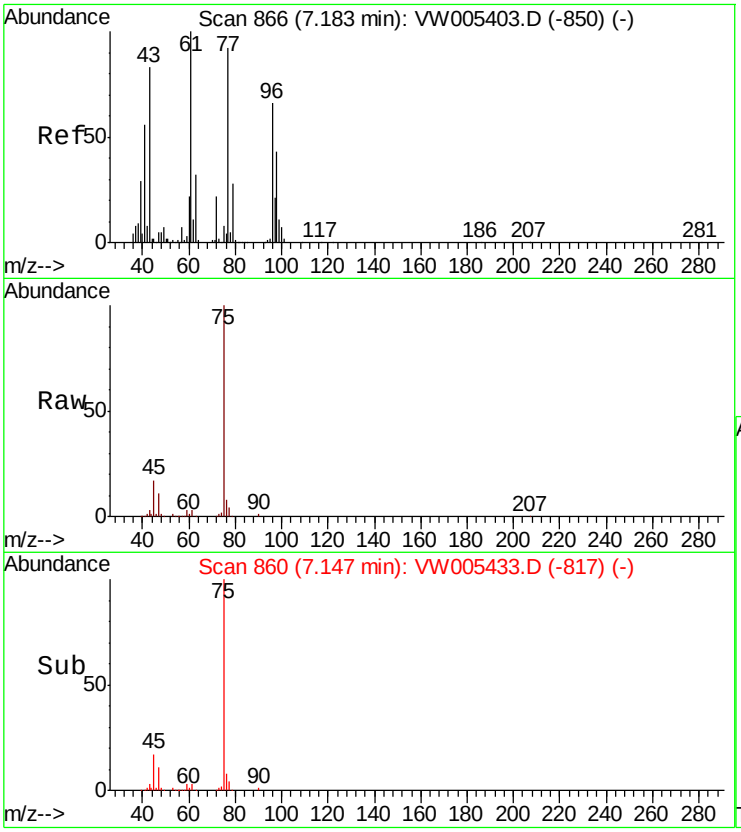


#20
Methylene Chloride
Concen: 4.584 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.01 min
Lab File: VW005433.D
Acq: 17 Sep 2018 15:03

Tgt Ion: 84 Resp: 24447

Ion	Ratio	Lower	Upper
84	100		
49	130.7	99.3	148.9
51	38.4	31.1	46.7
86	65.5	49.1	73.7



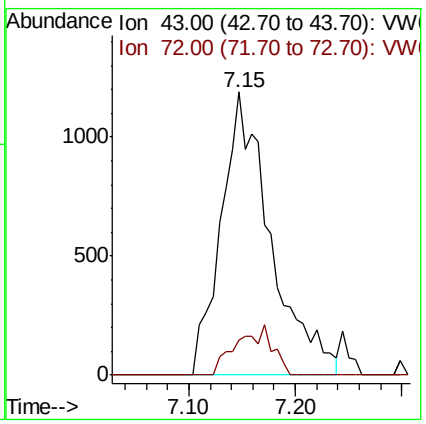


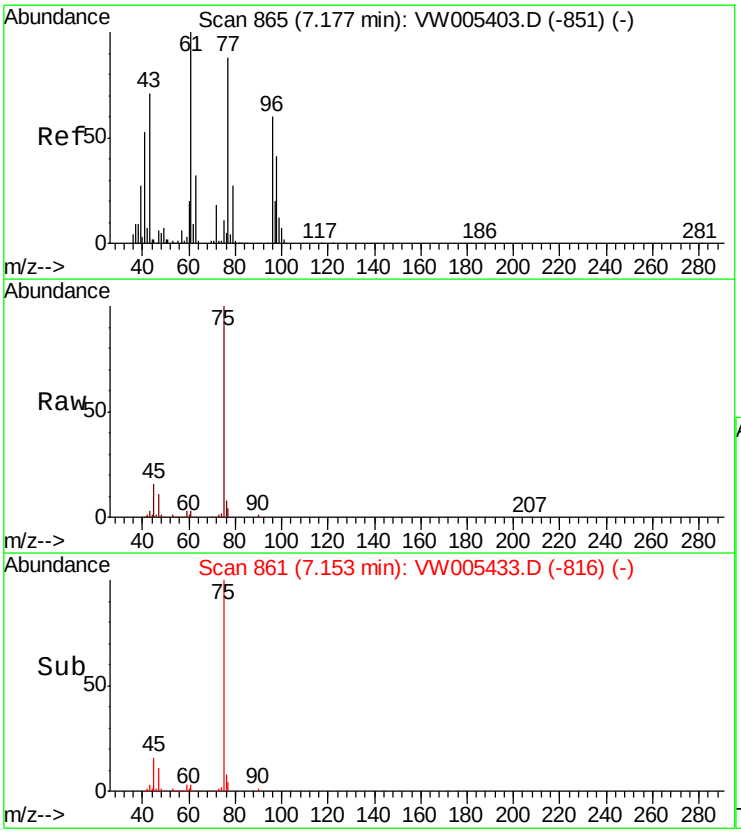
#25
2-Butanone
Concen: 6.360 ug/l
RT: 7.15 min Scan# 860
Delta R.T. -0.04 min
Lab File: VW005433.D
Acq: 17 Sep 2018 15:03

Instrument : MSVOA_W
ClientSampleId : CL-01-091418-D

Tgt Ion: 43 Resp: 3848

Ion	Ratio	Lower	Upper
43	100		
72	12.3	21.1	31.7#

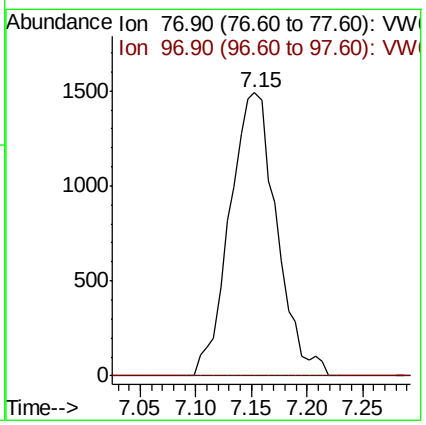


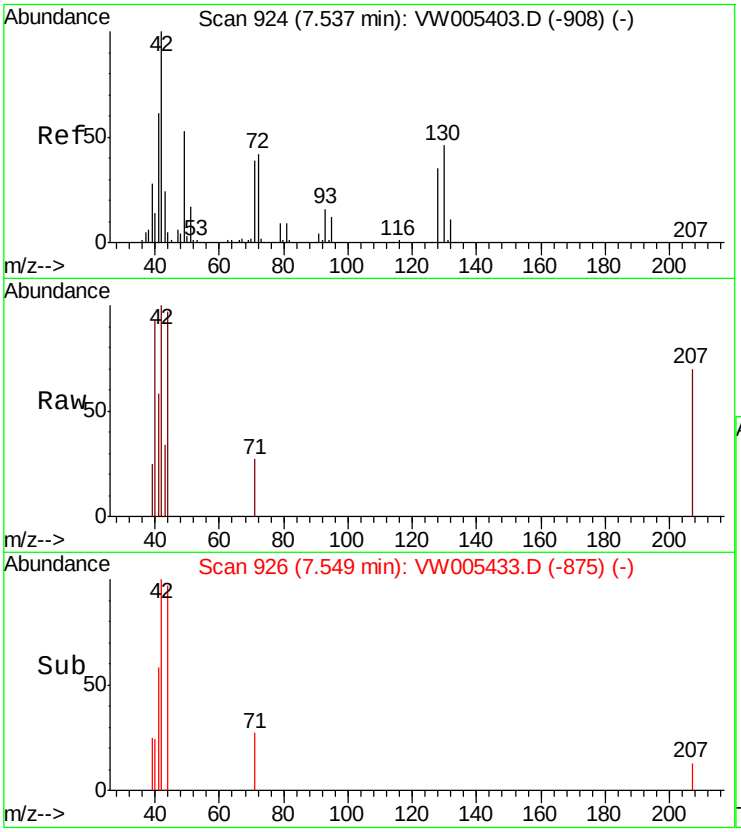


#26
2,2-Dichloropropane
Concen: 1.169 ug/l
RT: 7.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: VW005433.D
Acq: 17 Sep 2018 15:03

Tgt Ion: 77 Resp: 4365

Ion	Ratio	Lower	Upper
77	100		
97	0.0	10.7	32.1#



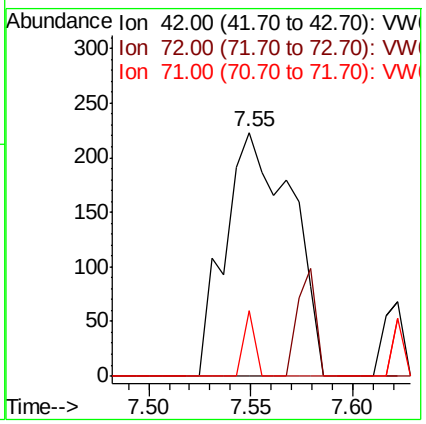


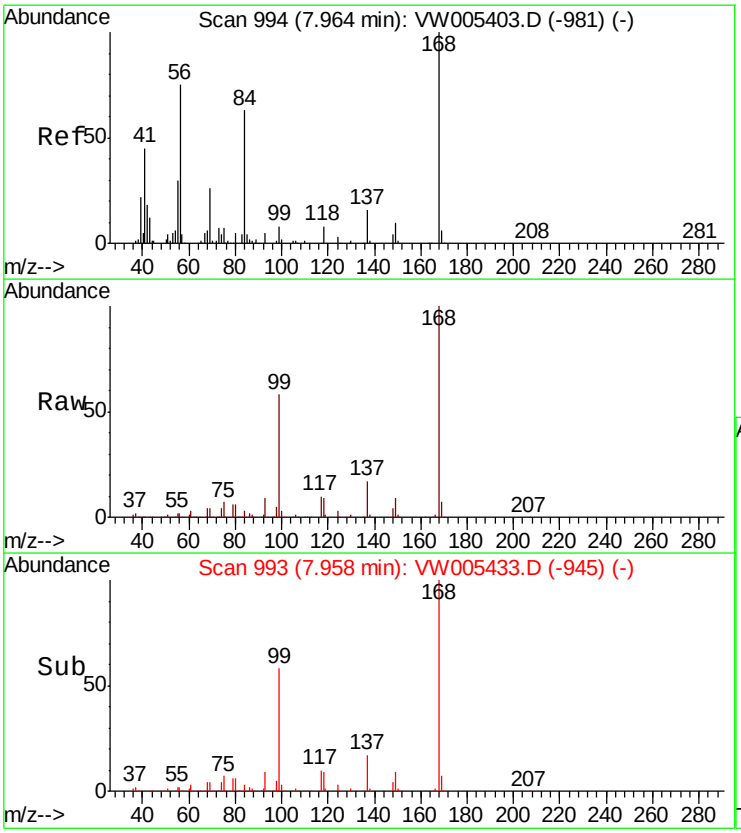
#29
Tetrahydrofuran
Concen: 1.318 ug/l
RT: 7.55 min Scan# 926
Delta R.T. 0.01 min
Lab File: VW005433.D
Acq: 17 Sep 2018 15:03

Instrument : MSVOA_W
ClientSampleId : CL-01-091418-D

Tgt Ion: 42 Resp: 508

Ion	Ratio	Lower	Upper
42	100		
72	0.0	33.2	49.8#
71	4.3	31.0	46.6#

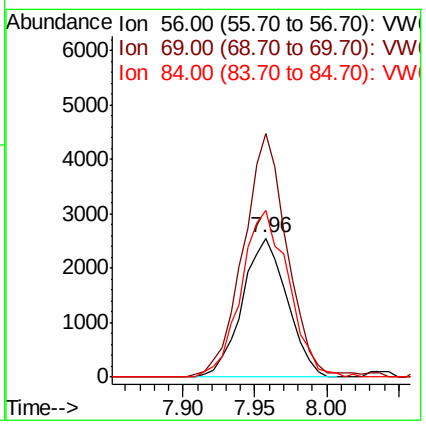


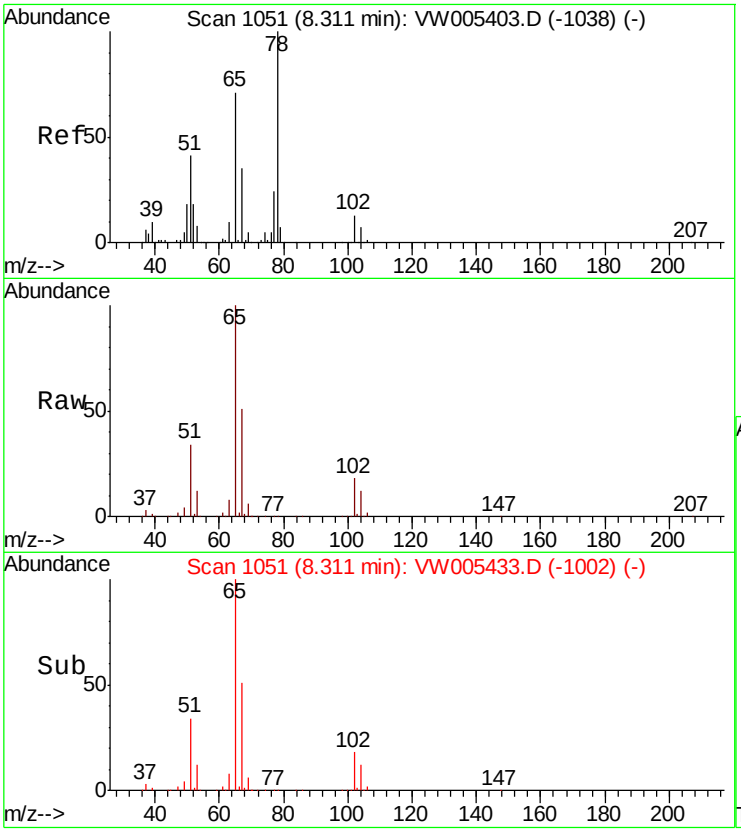


#31
Cyclohexane
Concen: 1.373 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.01 min
Lab File: VW005433.D
Acq: 17 Sep 2018 15:03

Tgt Ion: 56 Resp: 5510

Ion	Ratio	Lower	Upper
56	100		
69	175.1	27.2	40.8#
84	119.6	66.7	100.1#



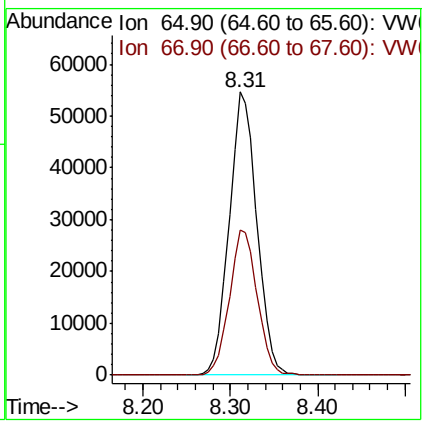


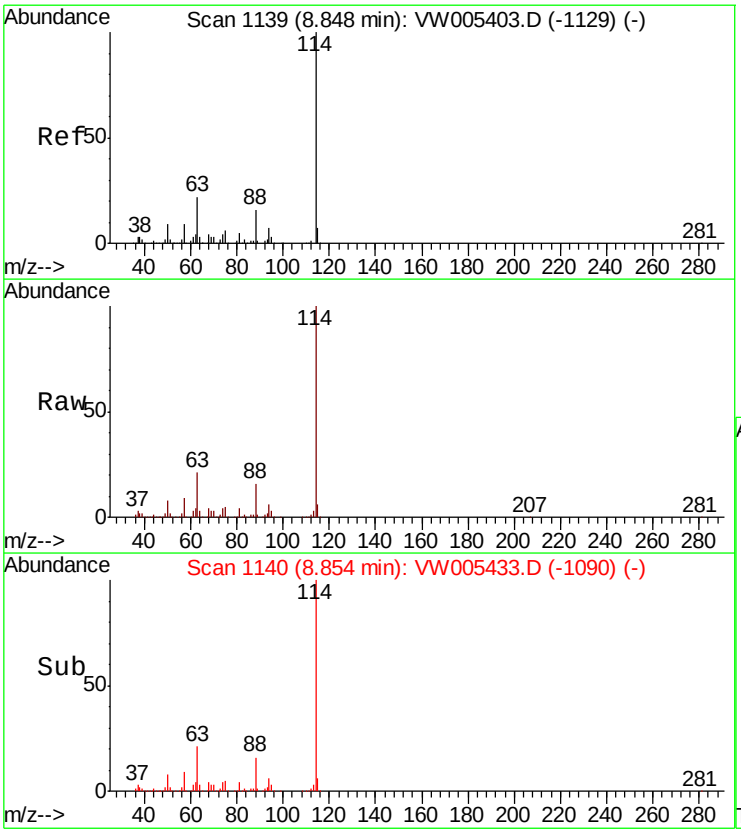
#33
1,2-Dichloroethane-d4
Concen: 47.818 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW005433.D
Acq: 17 Sep 2018 15:03

Instrument :
MSVOA_W
ClientSampleId :
CL-01-091418-D

Tgt Ion: 65 Resp: 120267

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	100.6

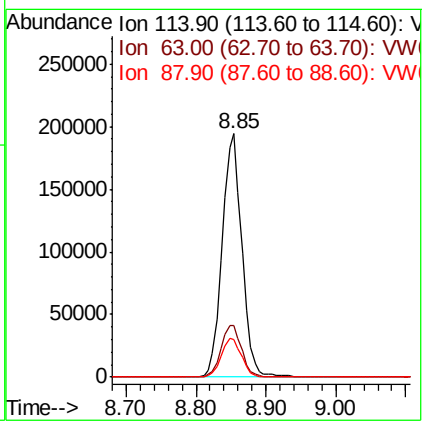


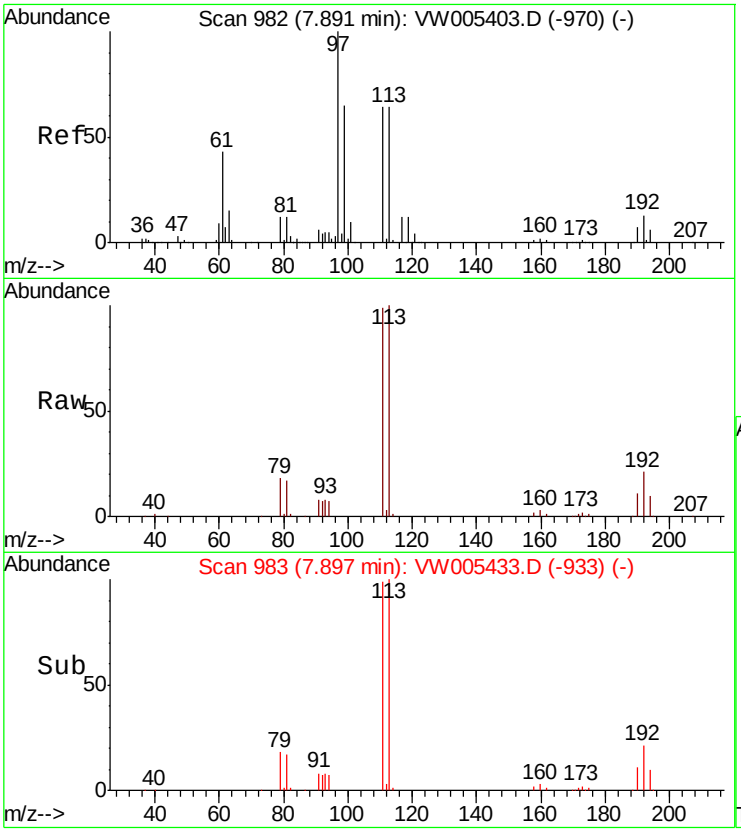


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1140
Delta R.T. 0.01 min
Lab File: VW005433.D
Acq: 17 Sep 2018 15:03

Tgt Ion:114 Resp: 380464

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	43.4
88	15.5	0.0	31.8



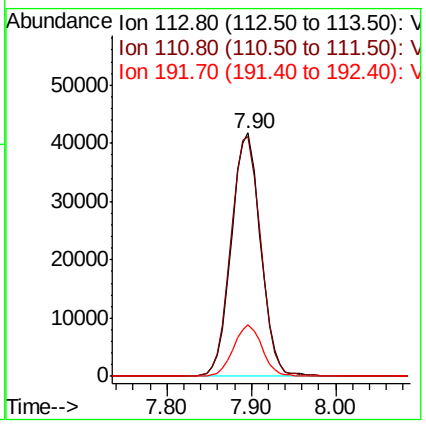


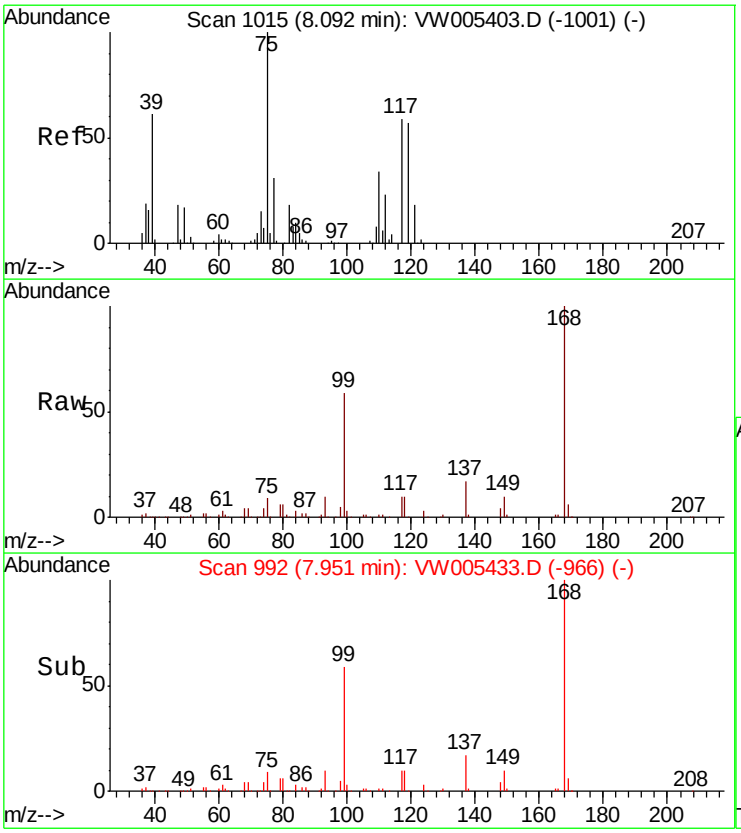
#35
Dibromofluoromethane
Concen: 45.780 ug/l
RT: 7.90 min Scan# 983
Delta R.T. 0.01 min
Lab File: VW005433.D
Acq: 17 Sep 2018 15:03

Instrument :
MSVOA_W
ClientSampleId :
CL-01-091418-D

Tgt Ion:113 Resp: 97659

Ion	Ratio	Lower	Upper
113	100		
111	101.0	82.3	123.5
192	20.5	16.5	24.7

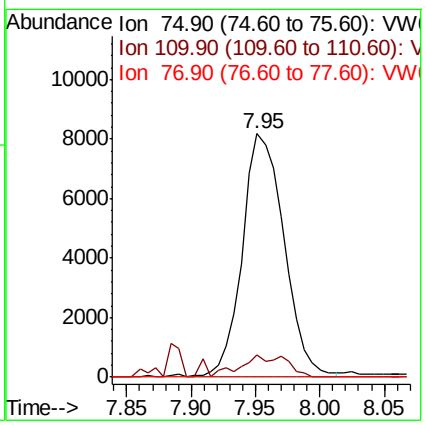


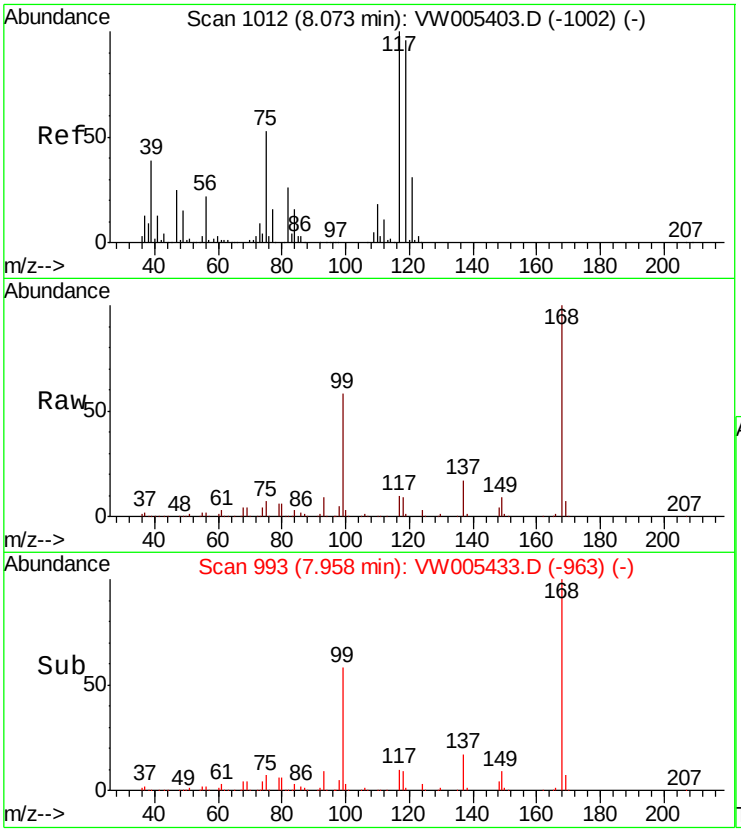


#36
1,1-Dichloropropene
Concen: 5.108 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.14 min
Lab File: VW005433.D
Acq: 17 Sep 2018 15:03

Tgt Ion: 75 Resp: 18392

Ion	Ratio	Lower	Upper
75	100		
110	9.5	16.8	50.4#
77	0.0	24.2	36.4#



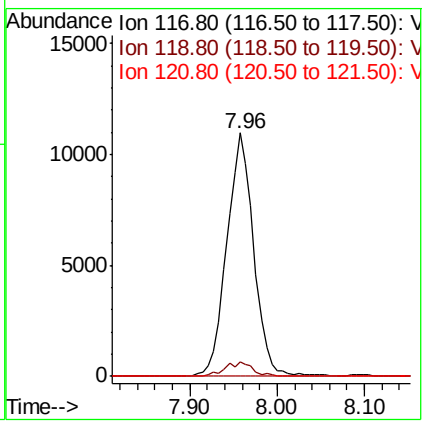


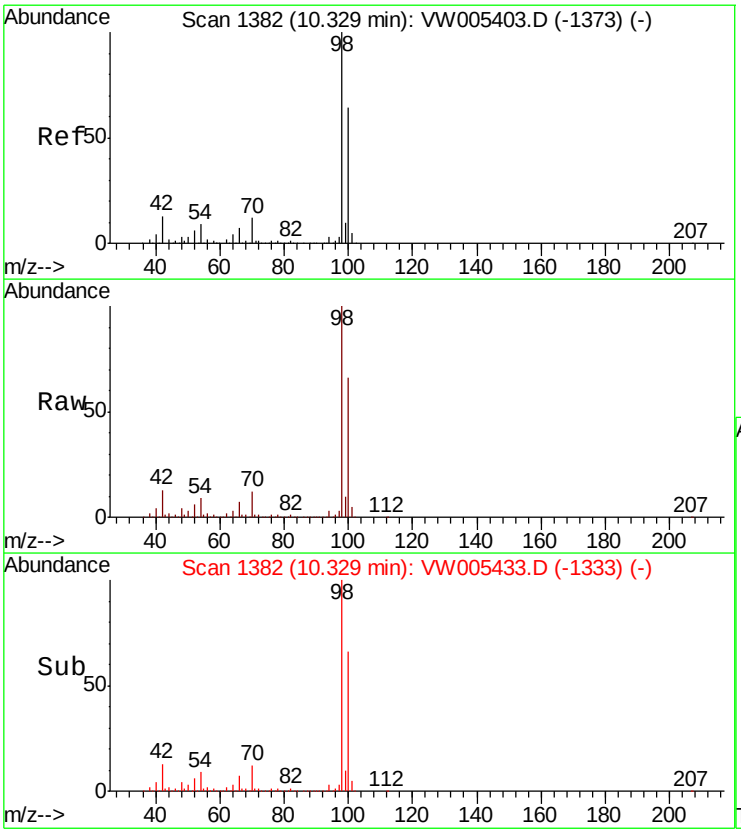
#38
Carbon Tetrachloride
Concen: 6.243 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.12 min
Lab File: VW005433.D
Acq: 17 Sep 2018 15:03

Instrument :
MSVOA_W
ClientSampleId :
CL-01-091418-D

Tgt Ion:117 Resp: 23423

Ion	Ratio	Lower	Upper
117	100		
119	6.1	76.8	115.2#
121	0.0	24.7	37.1#

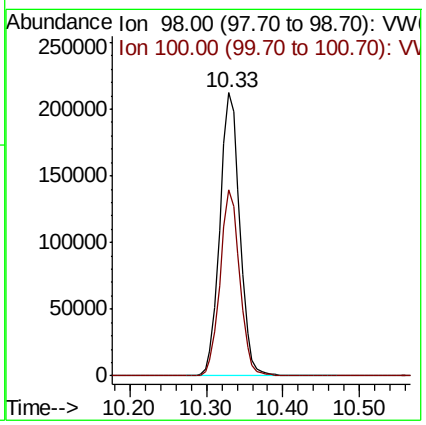


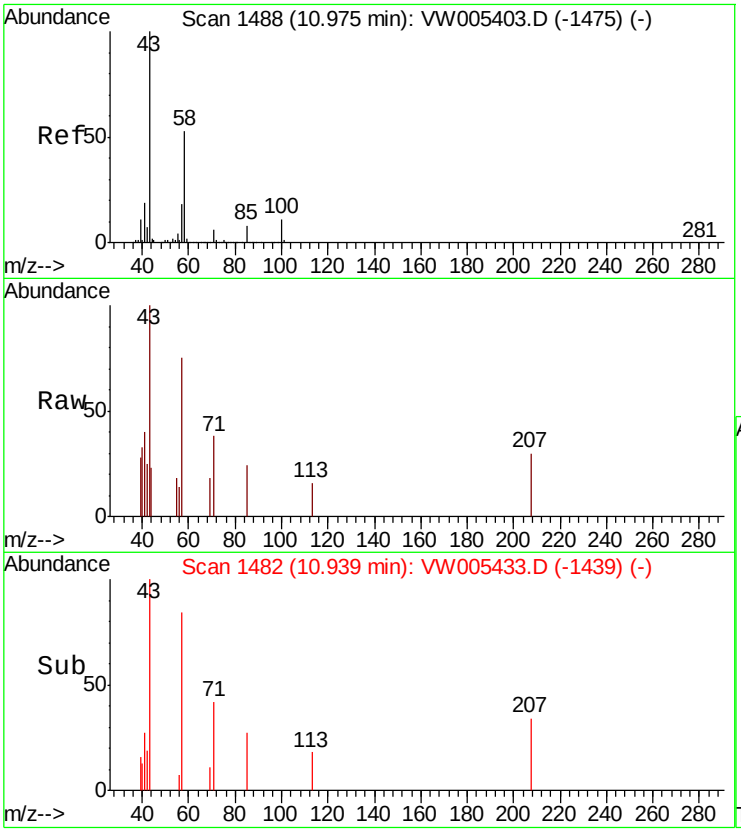


#50
Toluene-d8
Concen: 39.276 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005433.D
Acq: 17 Sep 2018 15:03

Tgt Ion: 98 Resp: 383694

Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.4	77.0



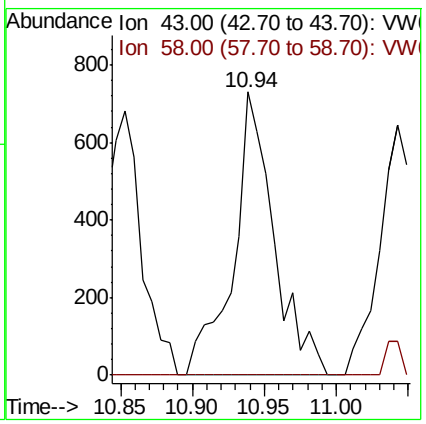


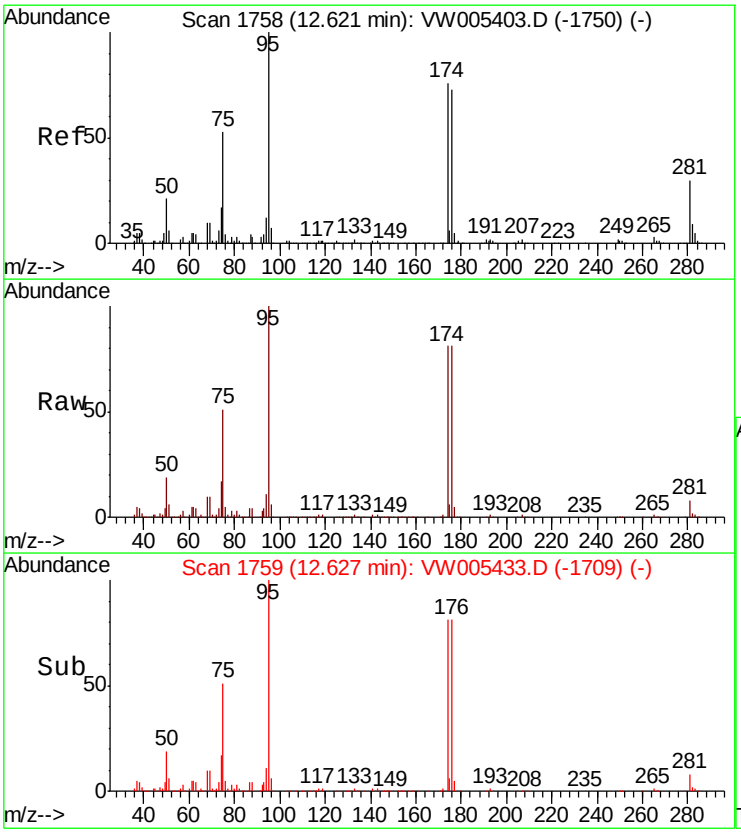
#59
2-Hexanone
Concen: 1.418 ug/l
RT: 10.94 min Scan# 1482
Delta R.T. -0.04 min
Lab File: VW005433.D
Acq: 17 Sep 2018 15:03

Instrument : MSVOA_W
ClientSampleId : CL-01-091418-D

Tgt Ion: 43 Resp: 1421

Ion	Ratio	Lower	Upper
43	100		
58	0.0	25.5	76.5#

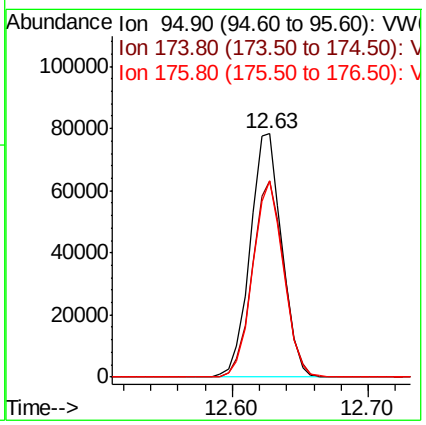


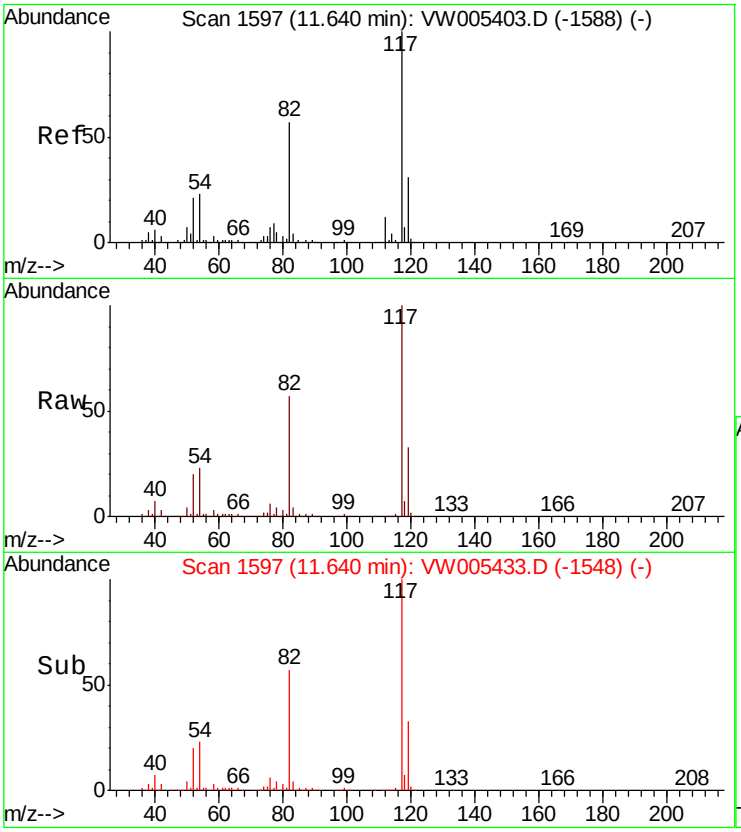


#62
4-Bromofluorobenzene
Concen: 35.880 ug/l
RT: 12.63 min Scan# 1759
Delta R.T. 0.01 min
Lab File: VW005433.D
Acq: 17 Sep 2018 15:03

Tgt Ion: 95 Resp: 128523

Ion	Ratio	Lower	Upper
95	100		
174	79.8	0.0	161.2
176	78.2	0.0	156.6



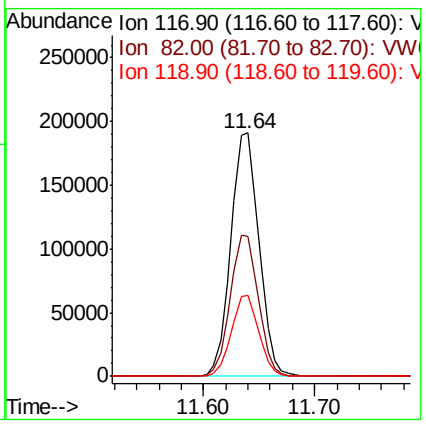


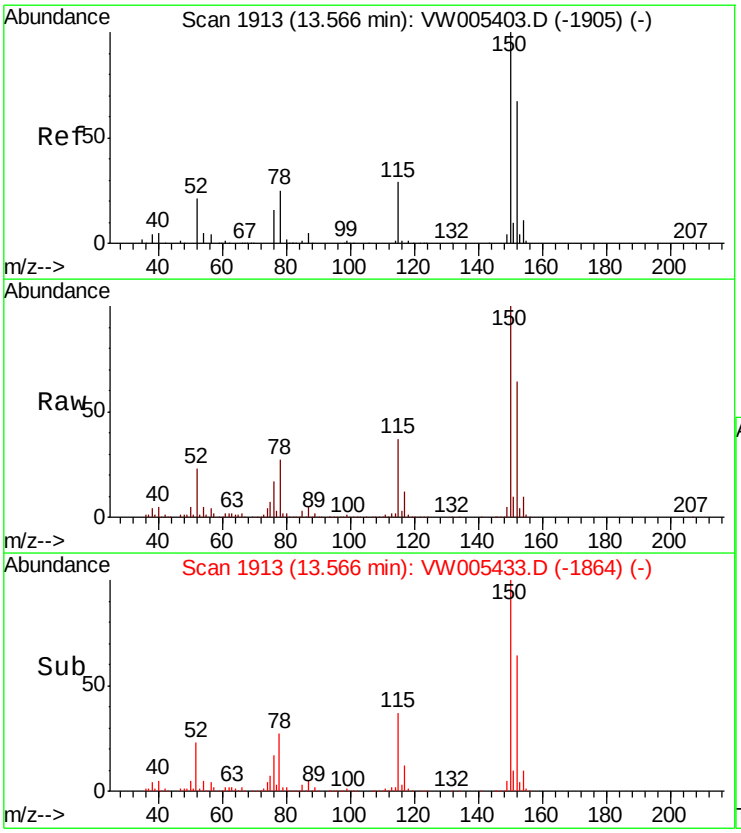
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005433.D
Acq: 17 Sep 2018 15:03

Instrument : MSVOA_W
ClientSampleId : CL-01-091418-D

Tgt Ion:117 Resp: 334416

Ion	Ratio	Lower	Upper
117	100		
82	57.5	45.9	68.9
119	33.1	24.8	37.2

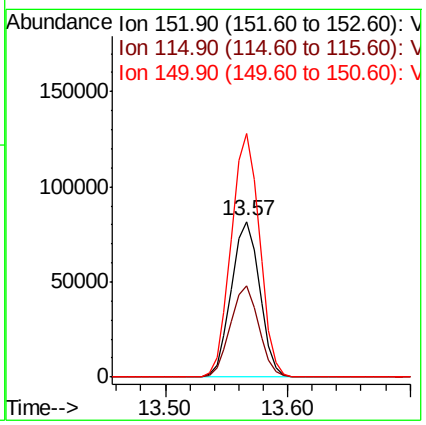


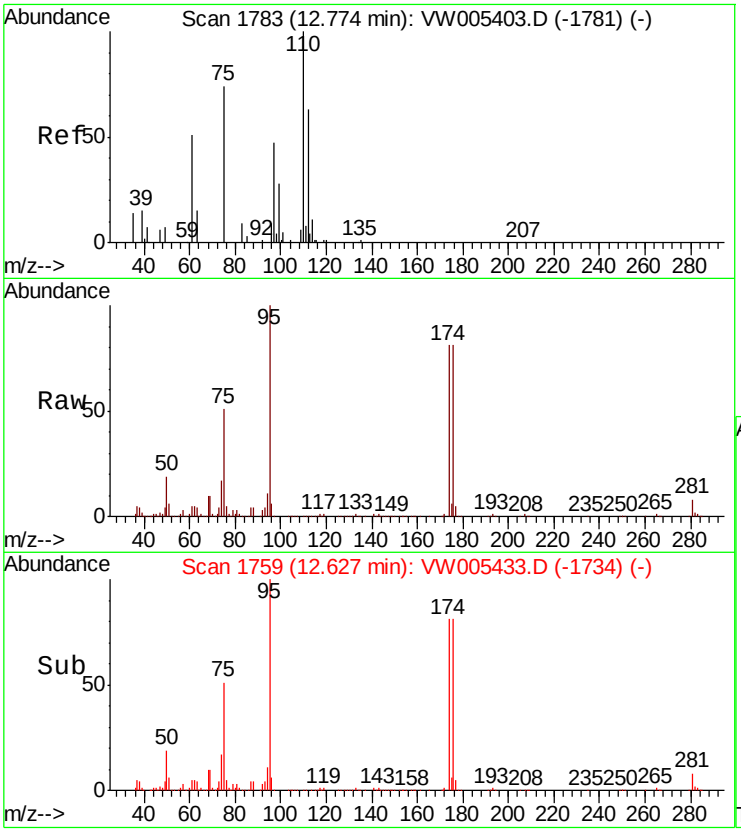


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005433.D
Acq: 17 Sep 2018 15:03

Tgt Ion:152 Resp: 131397

Ion	Ratio	Lower	Upper
152	100		
115	58.5	29.5	88.5
150	155.8	0.0	345.6



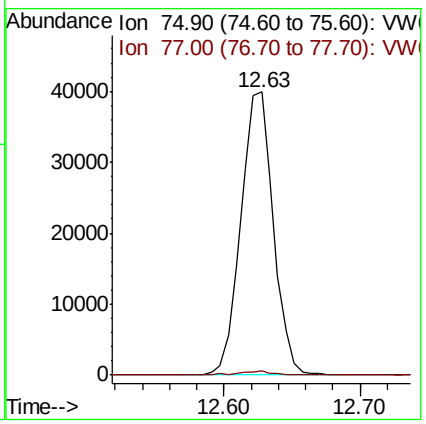


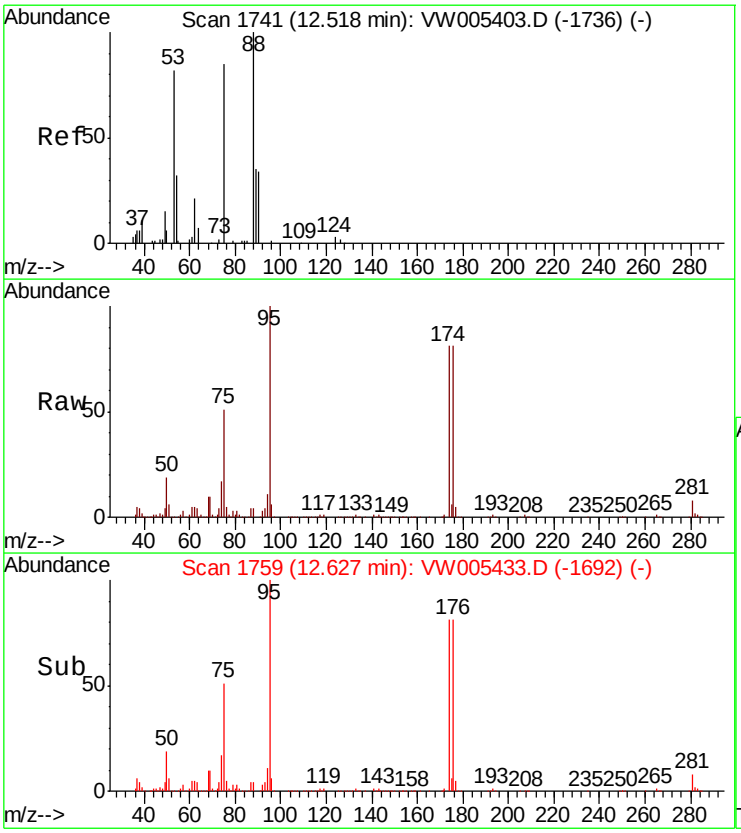
#76
1,2,3-Trichloropropane
Concen: 61.548 ug/l
RT: 12.63 min Scan# 1759
Delta R.T. -0.15 min
Lab File: VW005433.D
Acq: 17 Sep 2018 15:03

Instrument :
MSVOA_W
ClientSampleId :
CL-01-091418-D

Tgt Ion: 75 Resp: 66515

Ion	Ratio	Lower	Upper
75	100		
77	1.6	0.0	0.0#

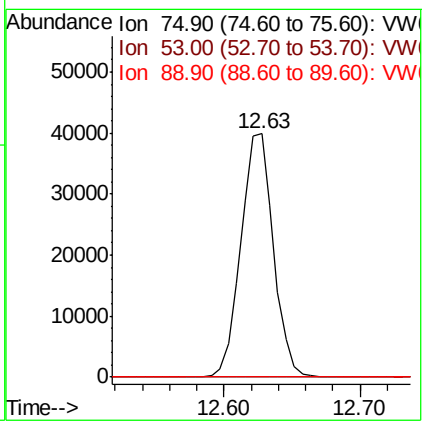


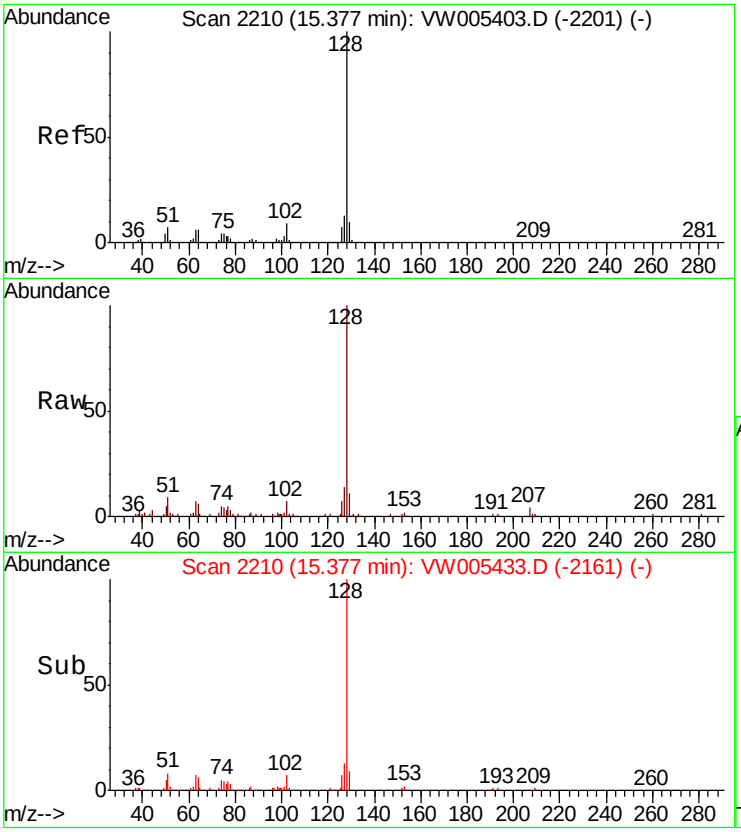


#81
trans-1,4-Dichloro-2-butene
Concen: 159.658 ug/l
RT: 12.63 min Scan# 1759
Delta R.T. 0.11 min
Lab File: VW005433.D
Acq: 17 Sep 2018 15:03

Tgt Ion: 75 Resp: 66515

Ion	Ratio	Lower	Upper
75	100		
53	0.2	83.2	124.8#
89	0.2	36.6	54.8#





#95
Naphthalene
Concen: 7.170 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005433.D
Acq: 17 Sep 2018 15:03

Instrument :
MSVOA_W
ClientSampleId :
CL-01-091418-D

Tgt Ion:128 Resp: 30795

Ion	Ratio	Lower	Upper
128	100		
127	15.0	11.0	16.4
129	12.0	8.7	13.1