Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW051719\
Data File : VW010433.D
Acq On : 18 May 2019 02:19
Operator : SY/VA
Sample : K2845-03
Misc : 5.86G/5ML/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : FEBH-03

Quant Time: May 18 05:07:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W051719S.M
Quant Title : SW846 8260
QLast Update : Sat May 18 01:59:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.95	168	654715	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.84	114	1236370	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.63	117	1059384	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	456961	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.31	65	402962	56.12	ug/l		0.00
Spiked Amount 50.000			Recovery = 112.24%				
35) Dibromofluoromethane	7.88	113	388634	50.89	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.78%				
50) Toluene-d8	10.32	98	1481255	52.02	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.04%				
62) 4-Bromofluorobenzene	12.62	95	556359	49.76	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.52%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.00	85	587	Below Cal			81
3) Chloromethane	2.21	50	1661	Below Cal	#		77
5) Bromomethane	2.76	94	921	Below Cal	#		17
13) Acrolein	3.92	56	232	Below Cal	#		1
16) Acetone	4.13	43	32955	26.055	ug/l		92
20) Methylene Chloride	4.91	84	74169	7.959	ug/l		94
31) Cyclohexane	7.94	56	16608	Below Cal	#		30
36) 1,1-Dichloropropene	7.95	75	54397	4.970	ug/l	#	49
38) Carbon Tetrachloride	7.95	117	72092	6.103	ug/l	#	15
52) Toluene	10.38	92	38352	1.849	ug/l		98
76) 1,2,3-Trichloropropane	12.62	75	267105	54.586	ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.62	75	267105	107.717	ug/l	#	14

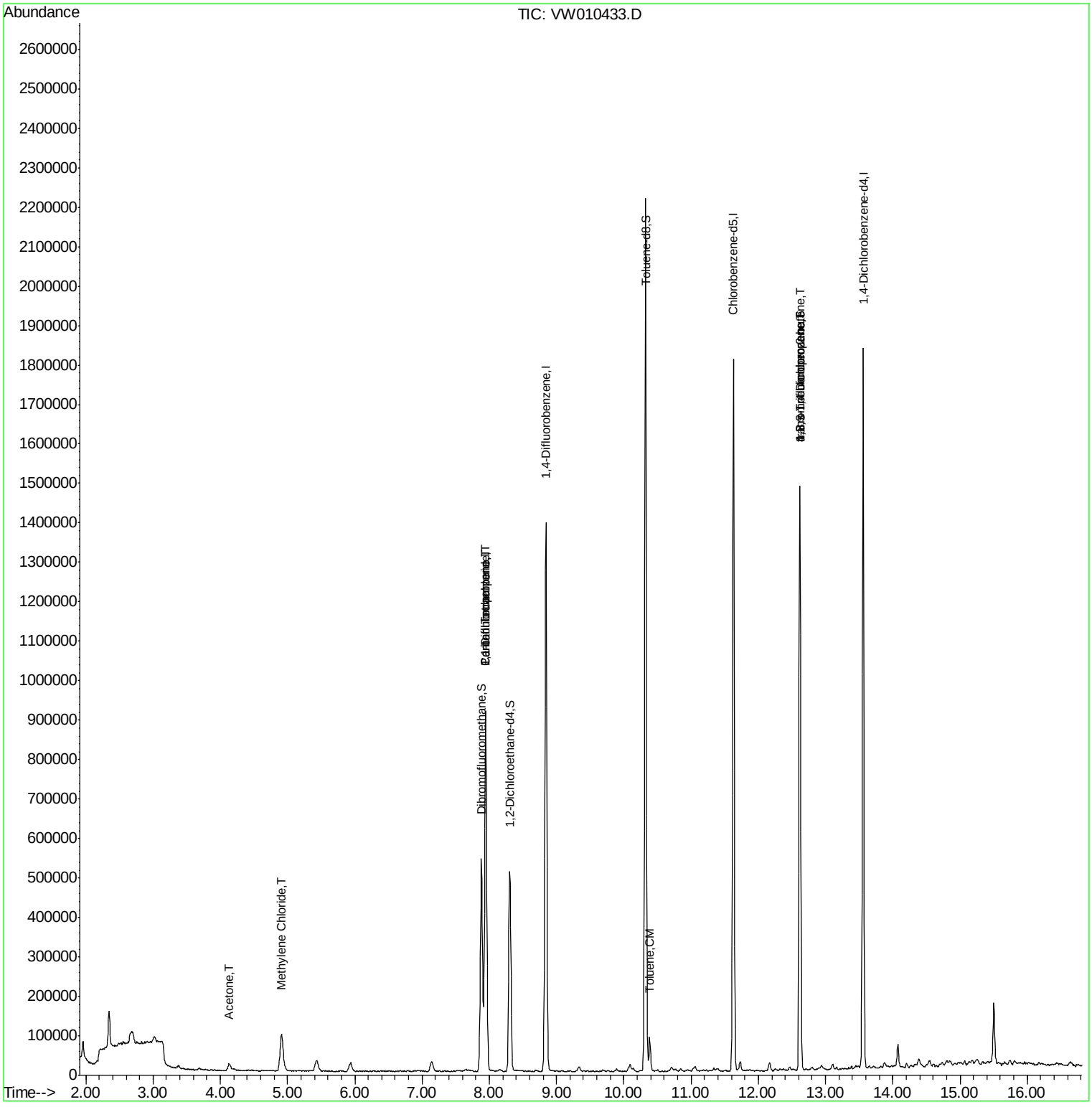
(#) = qualifier out of range (m) = manual integration (+) = signals summed

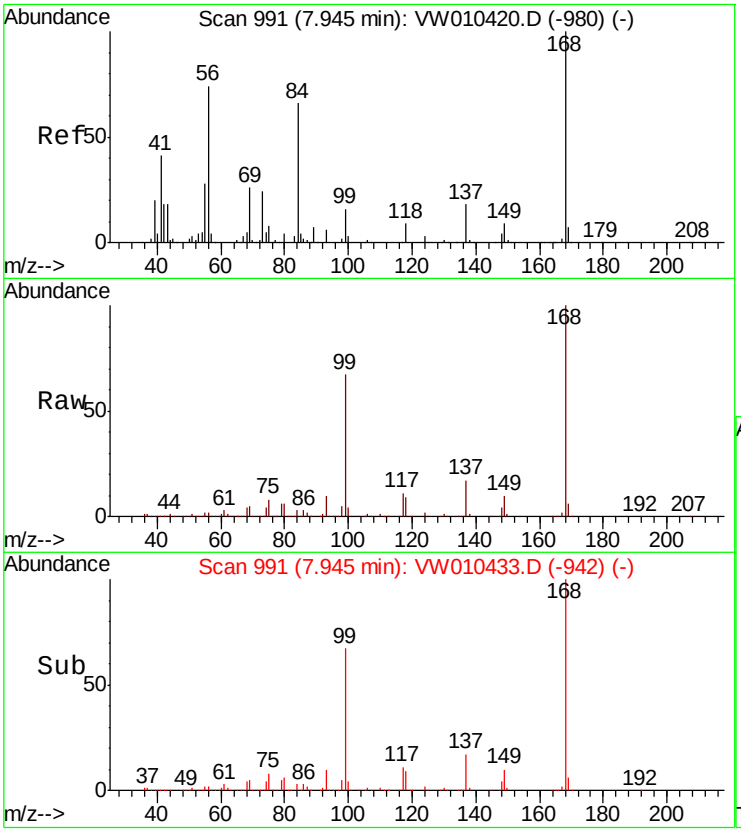
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW051719\
Data File : VW010433.D
Acq On : 18 May 2019 02:19
Operator : SY/VA
Sample : K2845-03
Misc : 5.86G/5ML/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
FEBH-03

Quant Time: May 18 05:07:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W051719S.M
Quant Title : SW846 8260
QLast Update : Sat May 18 01:59:40 2019
Response via : Initial Calibration



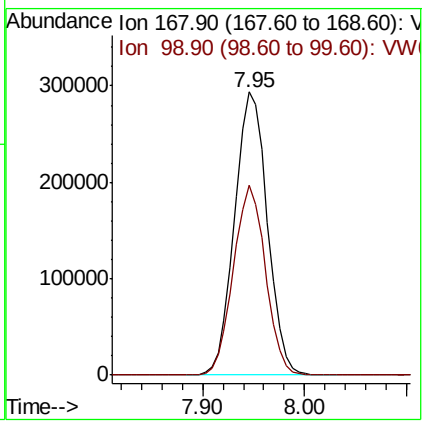


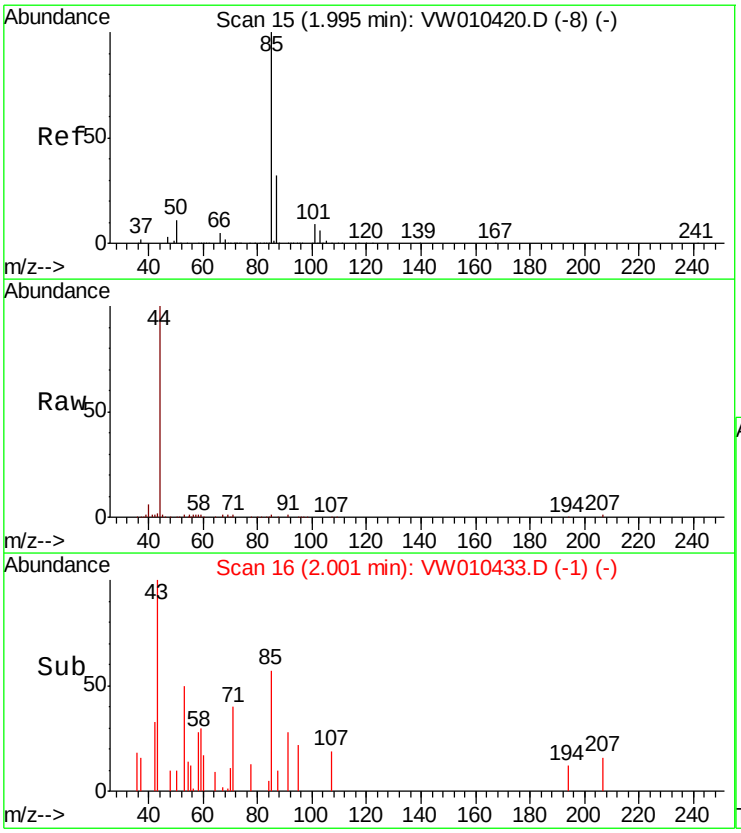
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.00 min
Lab File: VW010433.D
Acq: 18 May 2019 02:19

Instrument :
MSVOA_W
ClientSampleId :
FEBH-03

Tgt Ion:168 Resp: 654715

Ion	Ratio	Lower	Upper
168	100		
99	67.0	50.8	76.2

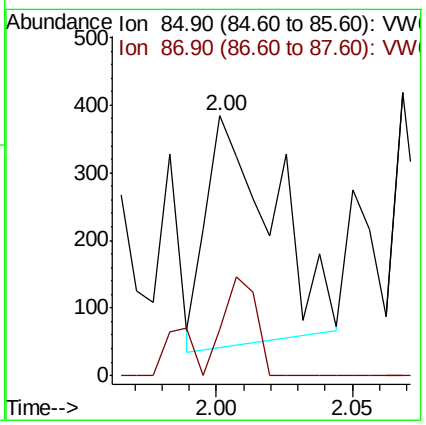


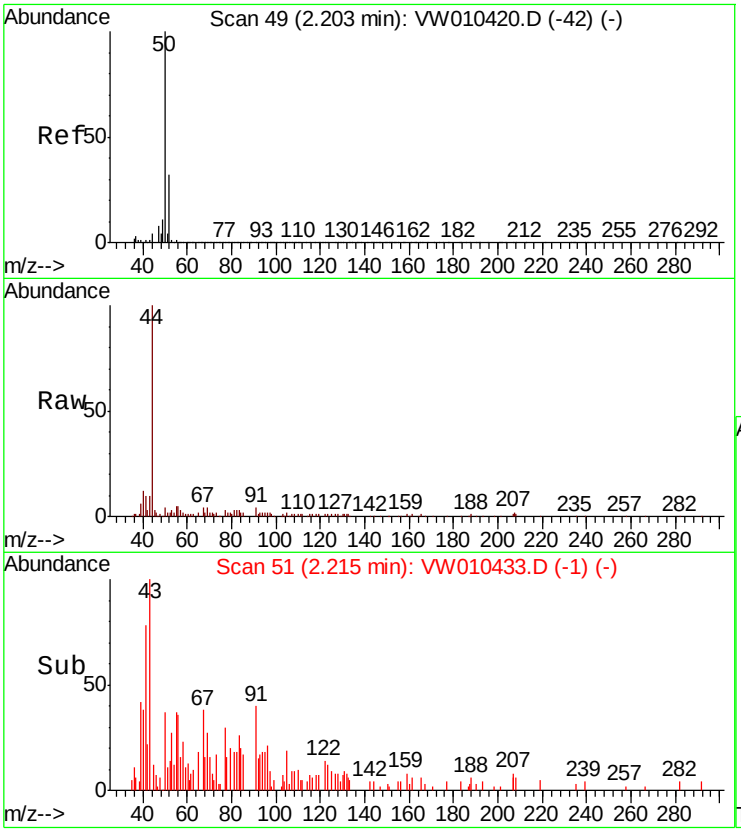


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 2.00 min Scan# 16
Delta R.T. 0.01 min
Lab File: VW010433.D
Acq: 18 May 2019 02:19

Tgt Ion: 85 Resp: 587

Ion	Ratio	Lower	Upper
85	100		
87	21.7	16.2	48.5



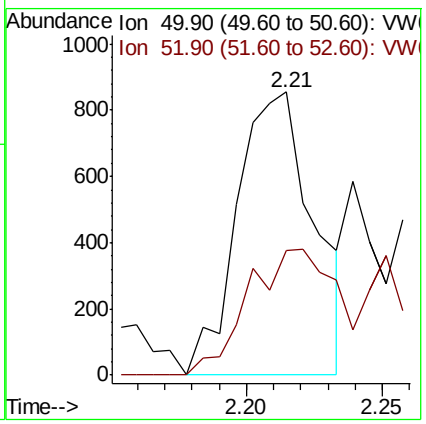


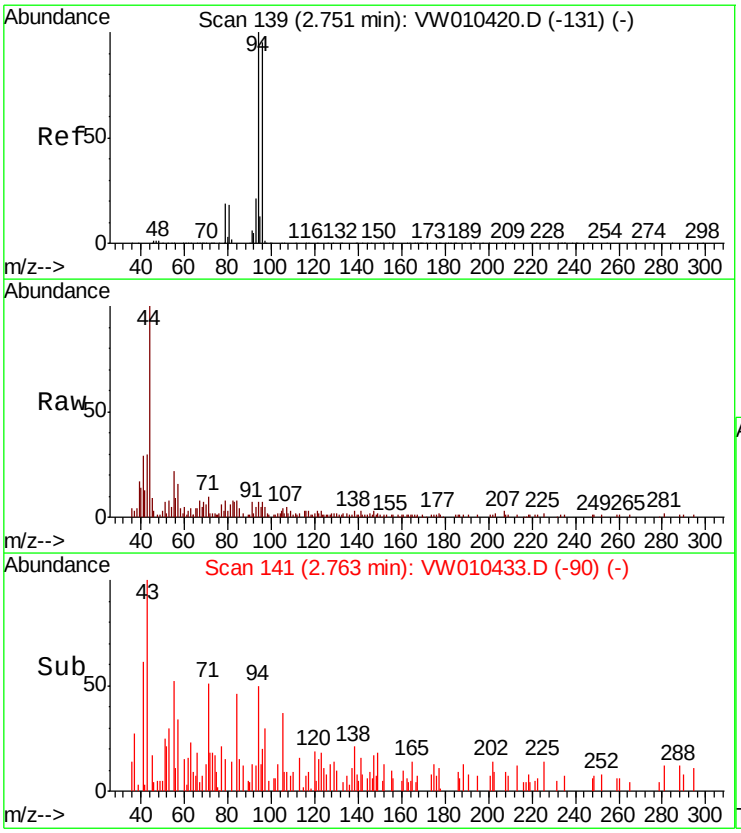
#3
Chloromethane
Concen: Below Cal
RT: 2.21 min Scan# 51
Delta R.T. 0.01 min
Lab File: VW010433.D
Acq: 18 May 2019 02:19

Instrument :
MSVOA_W
ClientSampleId :
FEBH-03

Tgt Ion: 50 Resp: 1661

Ion	Ratio	Lower	Upper
50	100		
52	44.2	25.4	38.0#

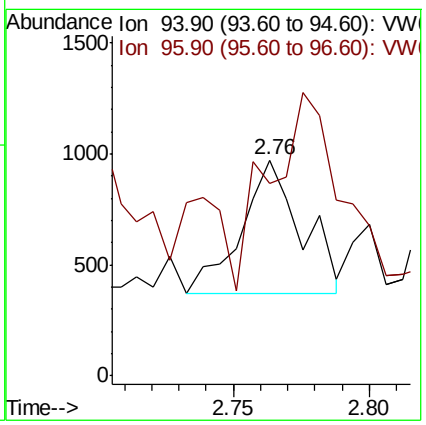


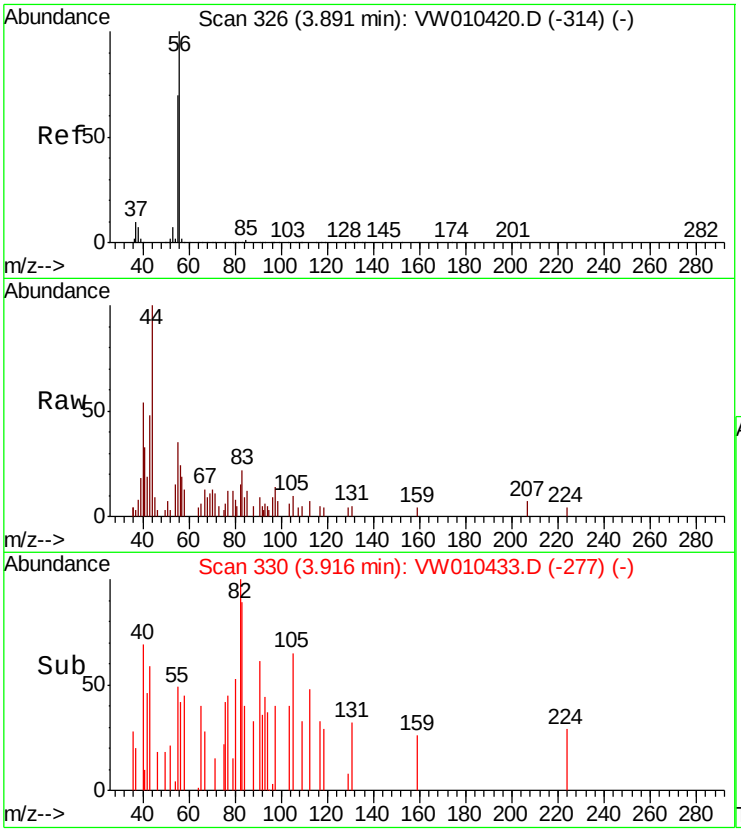


#5
Bromomethane
Concen: Below Cal
RT: 2.76 min Scan# 141
Delta R.T. 0.01 min
Lab File: VW010433.D
Acq: 18 May 2019 02:19

Tgt Ion: 94 Resp: 921

Ion	Ratio	Lower	Upper
94	100		
96	14.0	75.8	113.6#



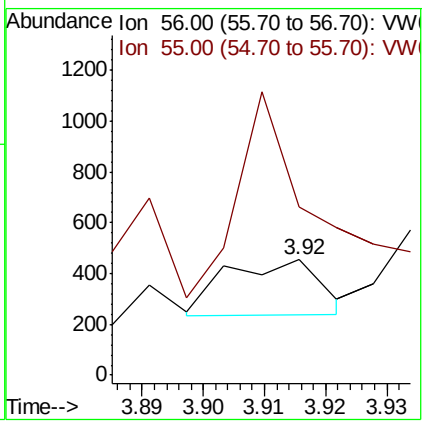


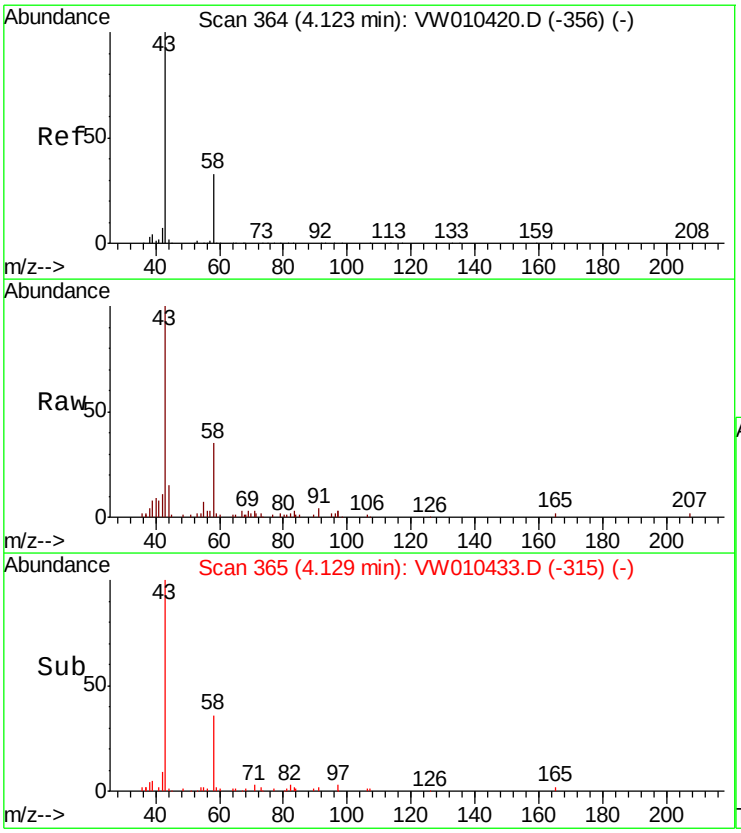
#13
Acrolein
Concen: Below Cal
RT: 3.92 min Scan# 330
Delta R.T. 0.02 min
Lab File: VW010433.D
Acq: 18 May 2019 02:19

Instrument : MSVOA_W
ClientSampleId : FEBH-03

Tgt Ion: 56 Resp: 232

Ion	Ratio	Lower	Upper
56	100		
55	319.8	57.6	86.4#

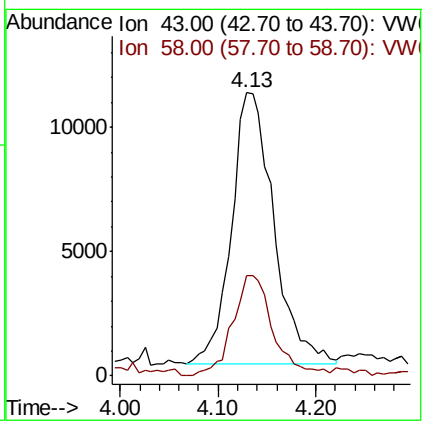


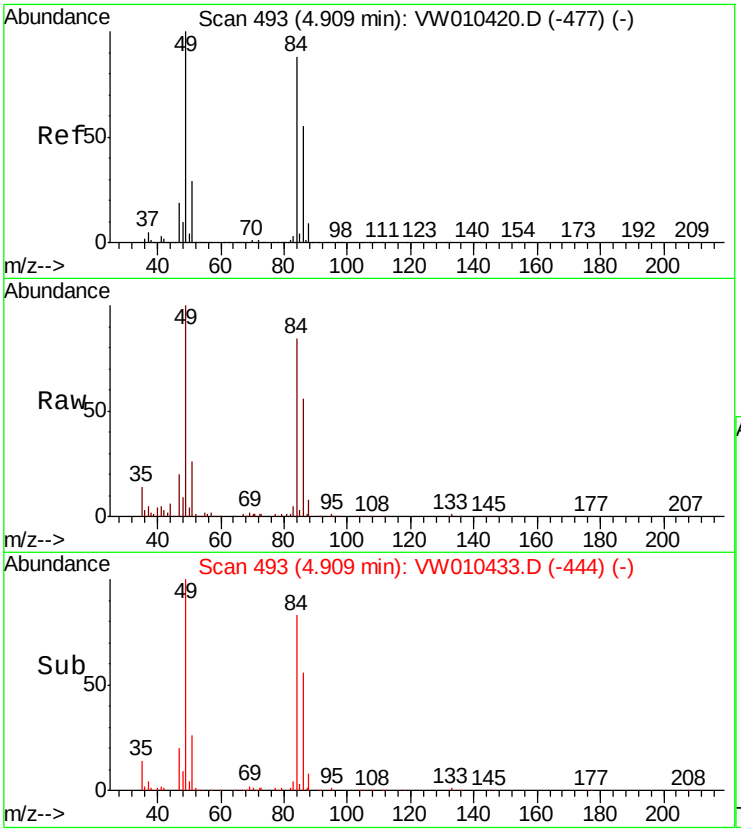


#16
Acetone
Concen: 26.055 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW010433.D
Acq: 18 May 2019 02:19

Tgt Ion: 43 Resp: 32955

Ion	Ratio	Lower	Upper
43	100		
58	37.0	26.0	39.0



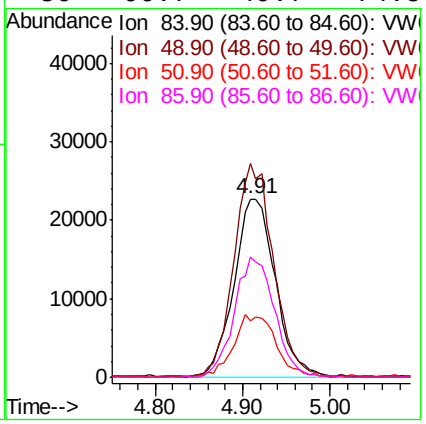


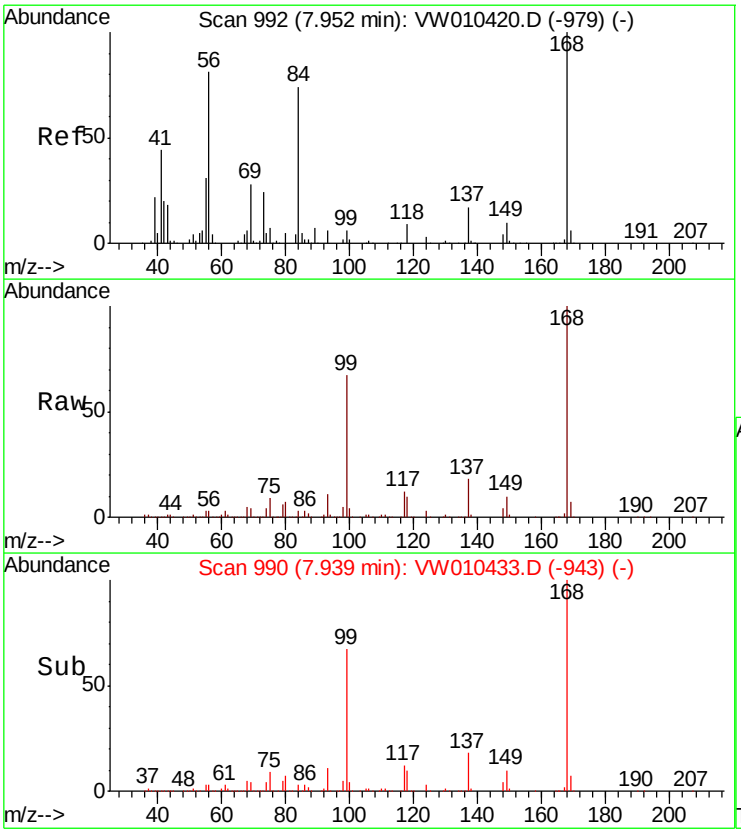
#20
Methylene Chloride
Concen: 7.959 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW010433.D
Acq: 18 May 2019 02:19

Instrument :
MSVOA_W
ClientSampleId :
FEBH-03

Tgt Ion: 84 Resp: 74169

Ion	Ratio	Lower	Upper
84	100		
49	120.0	90.6	135.8
51	31.5	26.6	40.0
86	66.7	49.7	74.5

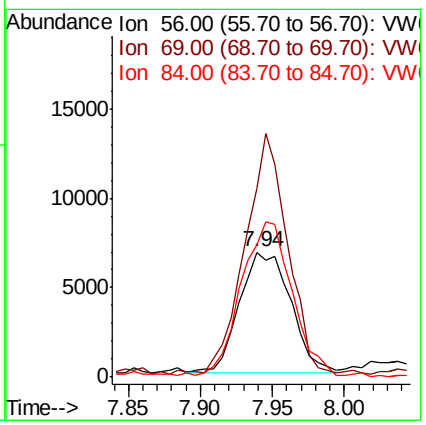


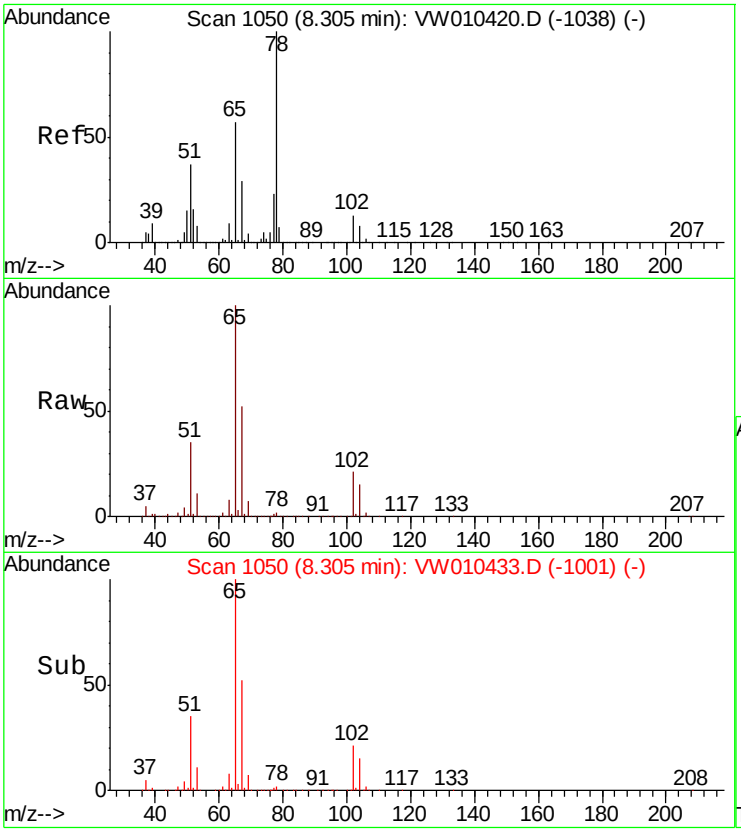


#31
Cyclohexane
Concen: Below Cal
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW010433.D
Acq: 18 May 2019 02:19

Tgt Ion: 56 Resp: 16608

Ion	Ratio	Lower	Upper
56	100		
69	153.3	27.6	41.4#
84	109.1	72.9	109.3



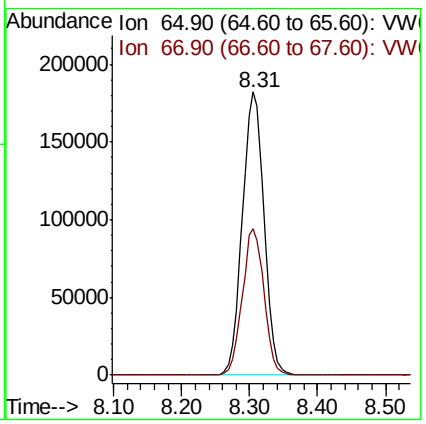


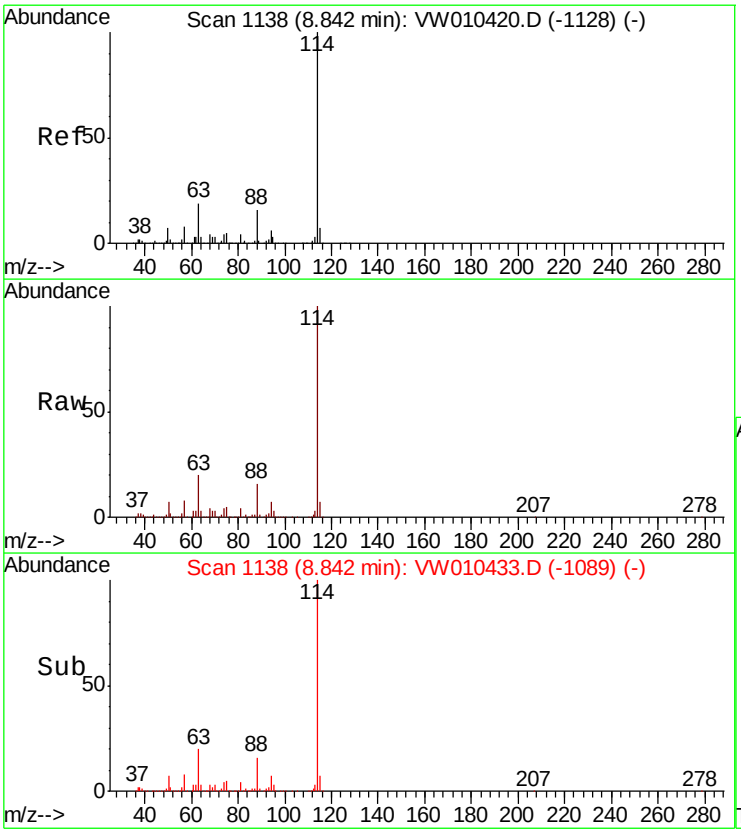
#33
1,2-Dichloroethane-d4
Concen: 56.120 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW010433.D
Acq: 18 May 2019 02:19

Instrument : MSVOA_W
ClientSampleId : FEBH-03

Tgt Ion: 65 Resp: 402962

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	104.2

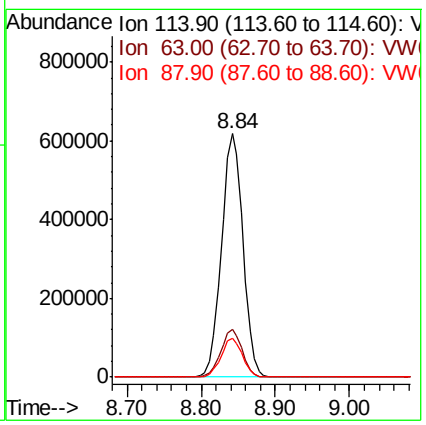


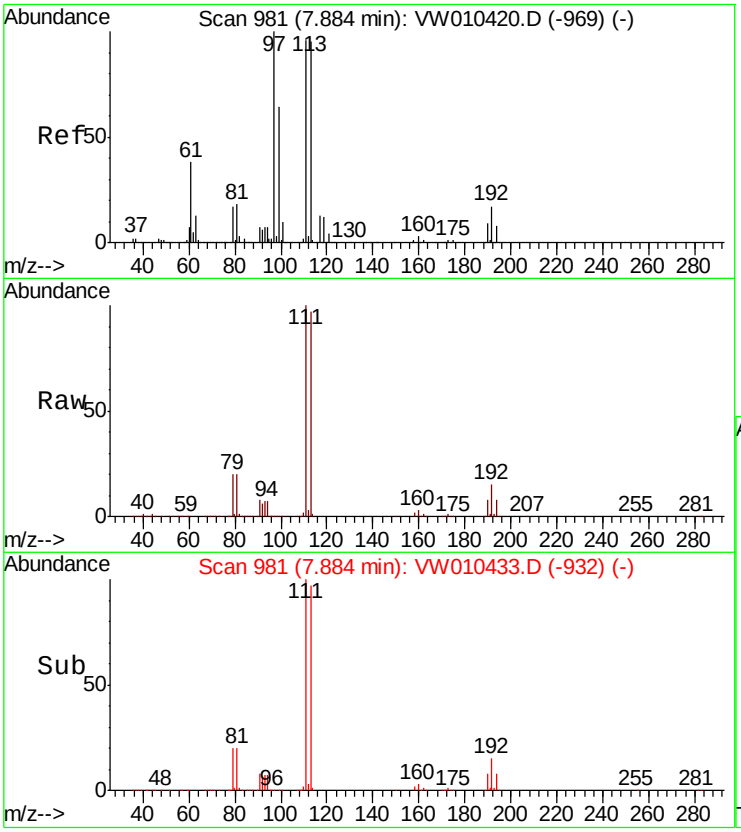


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW010433.D
Acq: 18 May 2019 02:19

Tgt Ion:114 Resp: 1236370

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	38.8
88	15.8	0.0	31.6



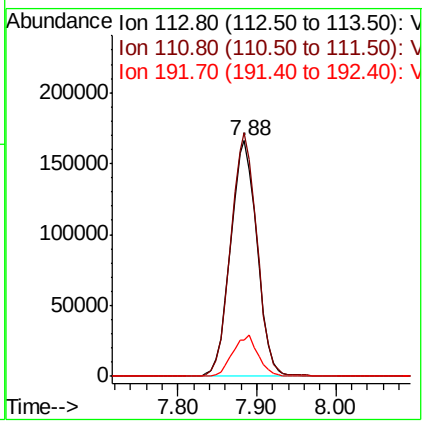


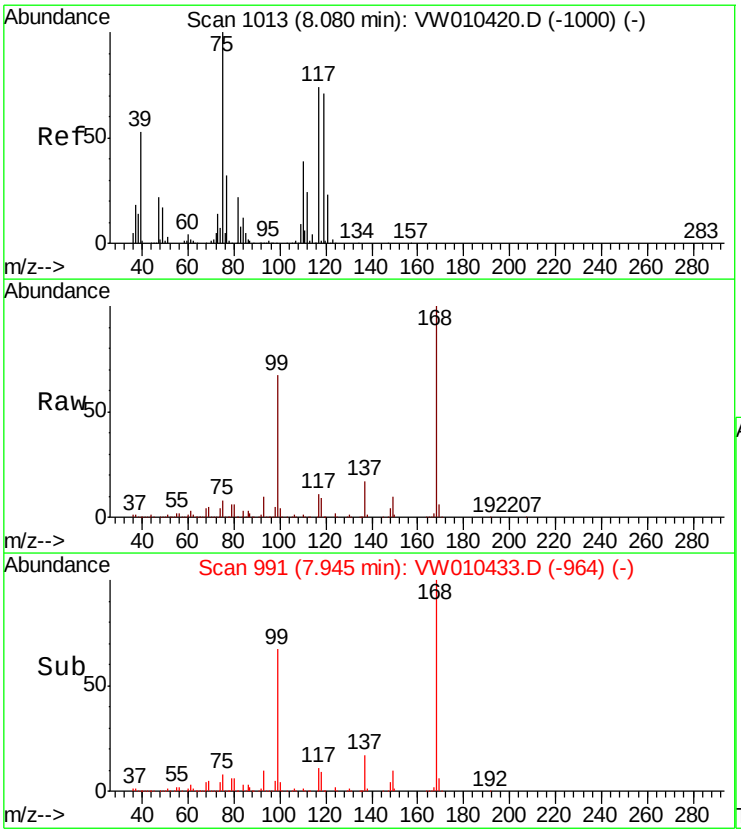
#35
Dibromofluoromethane
Concen: 50.894 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW010433.D
Acq: 18 May 2019 02:19

Instrument :
MSVOA_W
ClientSampleId :
FEBH-03

Tgt Ion:113 Resp: 388634

Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.5	123.7
192	16.7	14.2	21.4

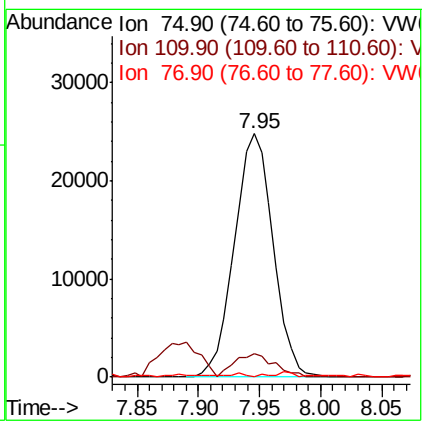


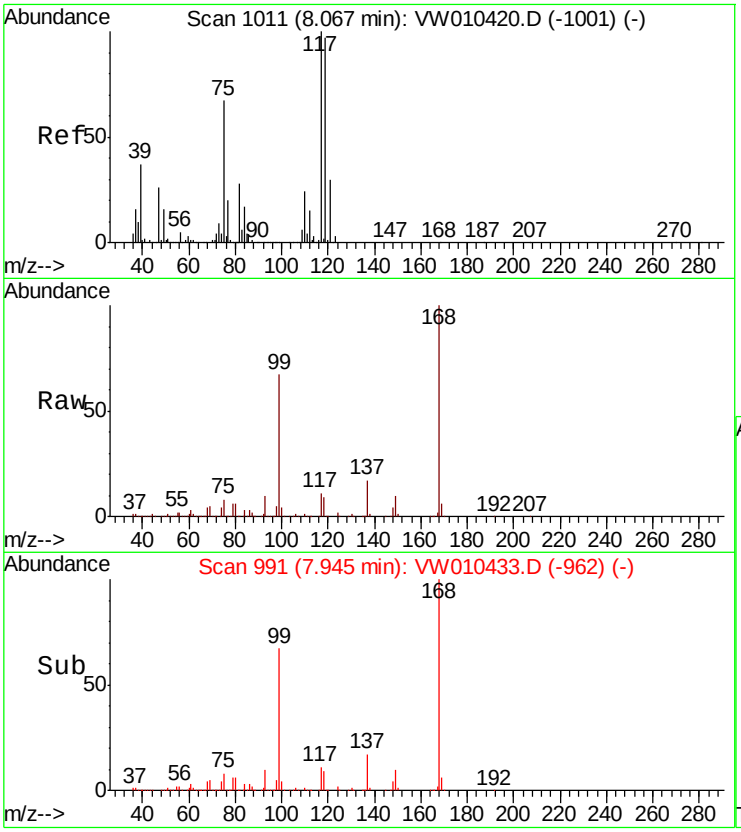


#36
1,1-Dichloropropene
Concen: 4.970 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.13 min
Lab File: VW010433.D
Acq: 18 May 2019 02:19

Tgt Ion: 75 Resp: 54397

Ion	Ratio	Lower	Upper
75	100		
110	10.0	19.4	58.1#
77	0.5	24.7	37.1#



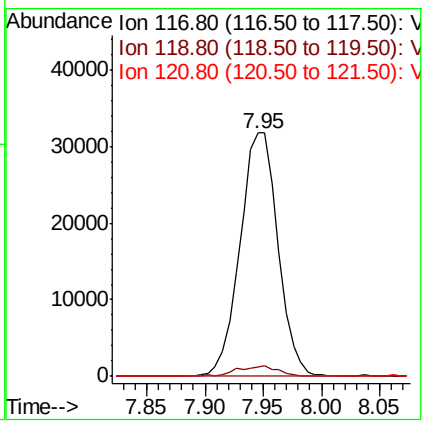


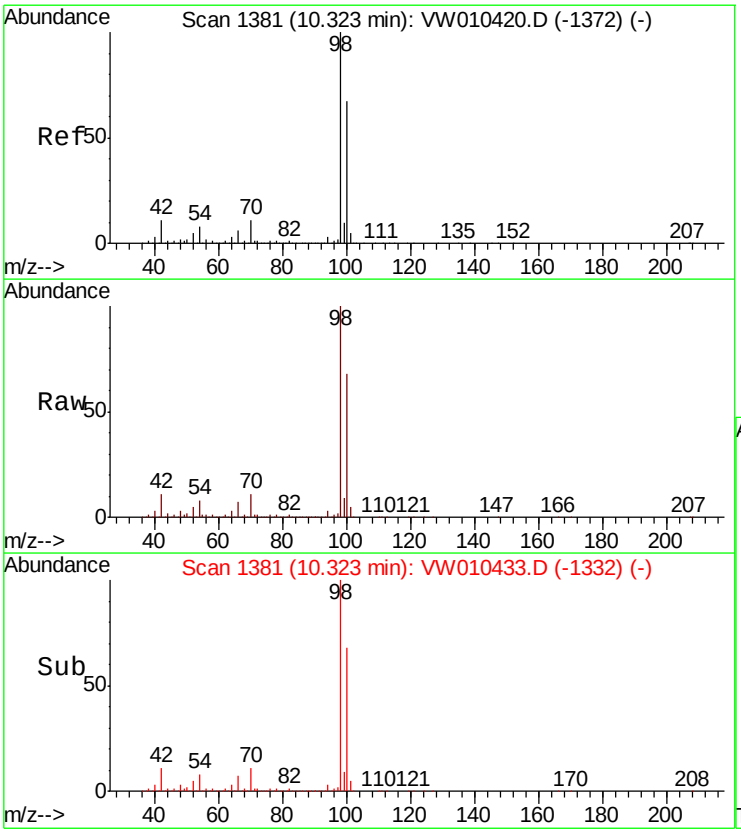
#38
Carbon Tetrachloride
Concen: 6.103 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW010433.D
Acq: 18 May 2019 02:19

Instrument :
MSVOA_W
ClientSampleId :
FEBH-03

Tgt Ion:117 Resp: 72092

Ion	Ratio	Lower	Upper
117	100		
119	4.0	77.8	116.6#
121	0.0	24.2	36.2#

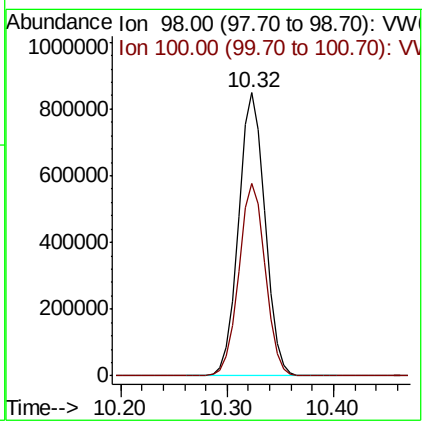


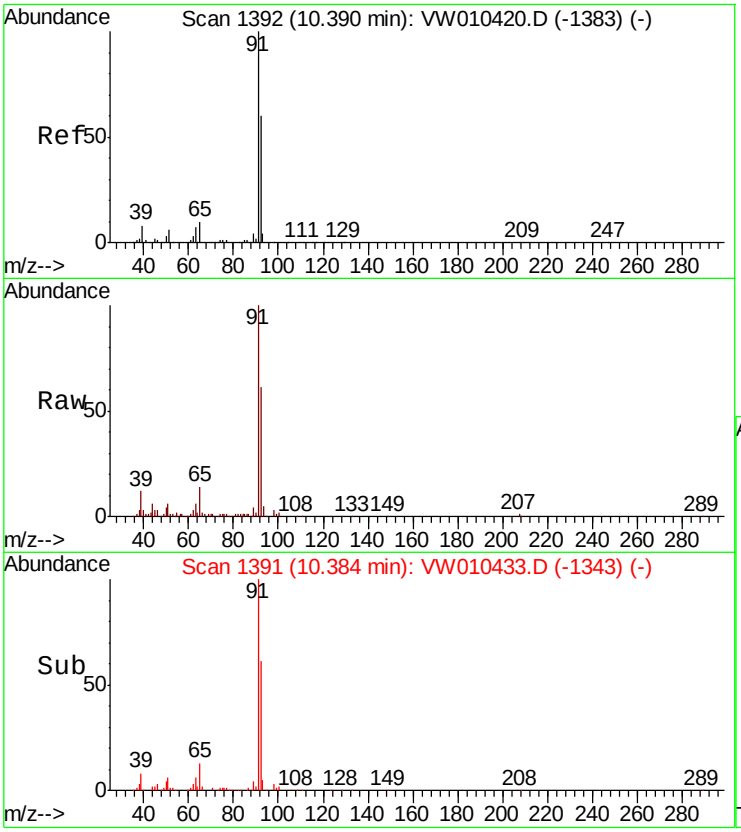


#50
Toluene-d8
Concen: 52.017 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010433.D
Acq: 18 May 2019 02:19

Tgt Ion: 98 Resp: 1481255

Ion	Ratio	Lower	Upper
98	100		
100	67.7	53.3	79.9



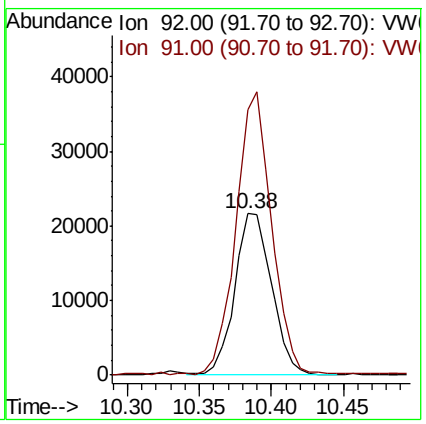


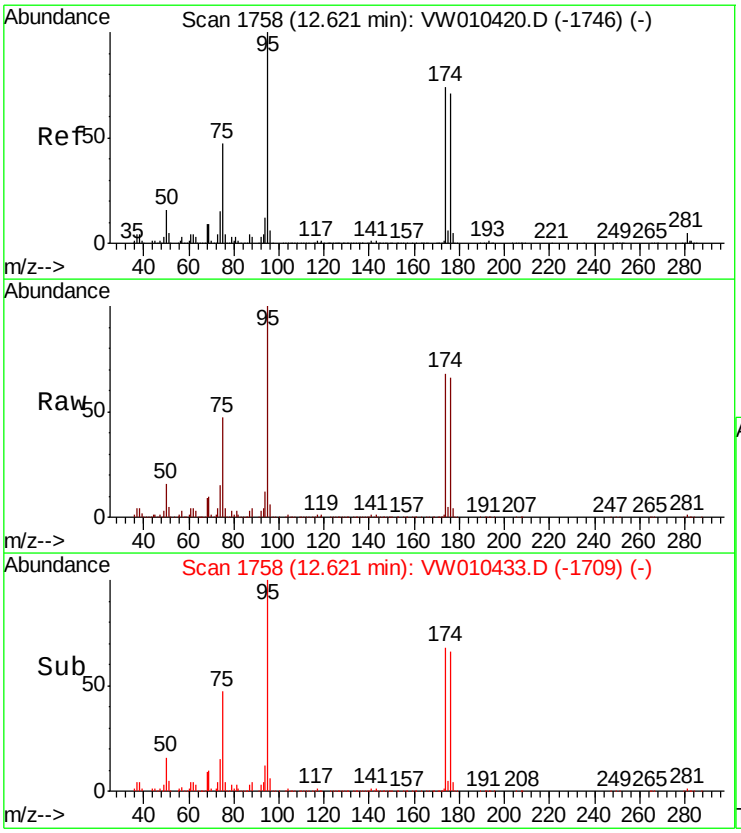
#52
Toluene
Concen: 1.849 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.01 min
Lab File: VW010433.D
Acq: 18 May 2019 02:19

Instrument : MSVOA_W
ClientSampleId : FEBH-03

Tgt Ion: 92 Resp: 38352

Ion	Ratio	Lower	Upper
92	100		
91	167.0	135.4	203.0

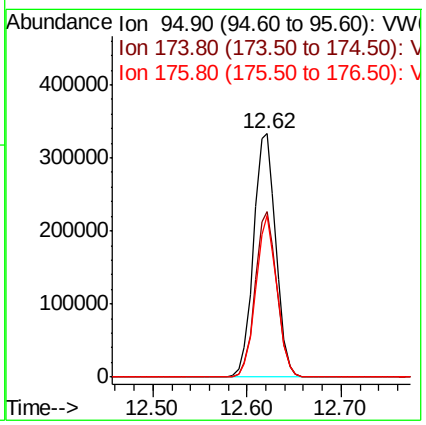


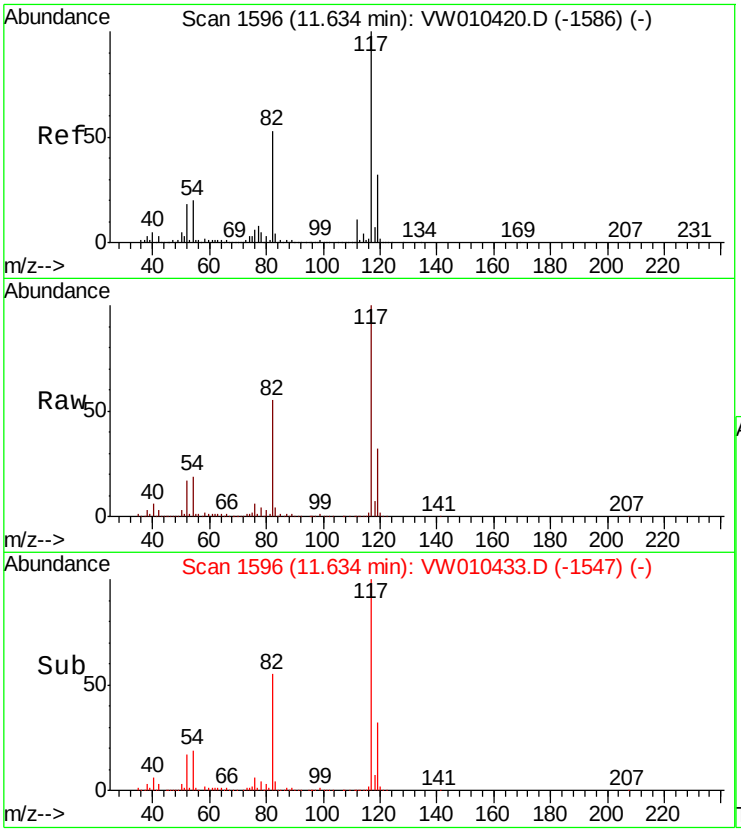


#62
4-Bromofluorobenzene
Concen: 49.764 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW010433.D
Acq: 18 May 2019 02:19

Tgt Ion: 95 Resp: 556359

Ion	Ratio	Lower	Upper
95	100		
174	66.1	0.0	146.6
176	63.0	0.0	141.4



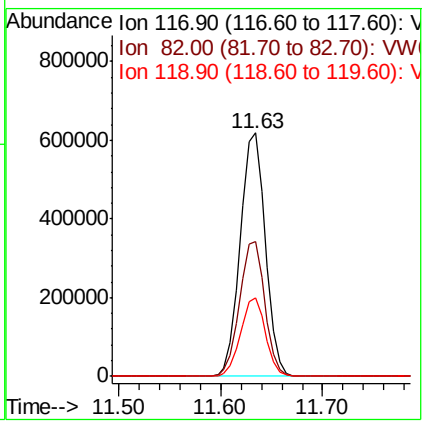


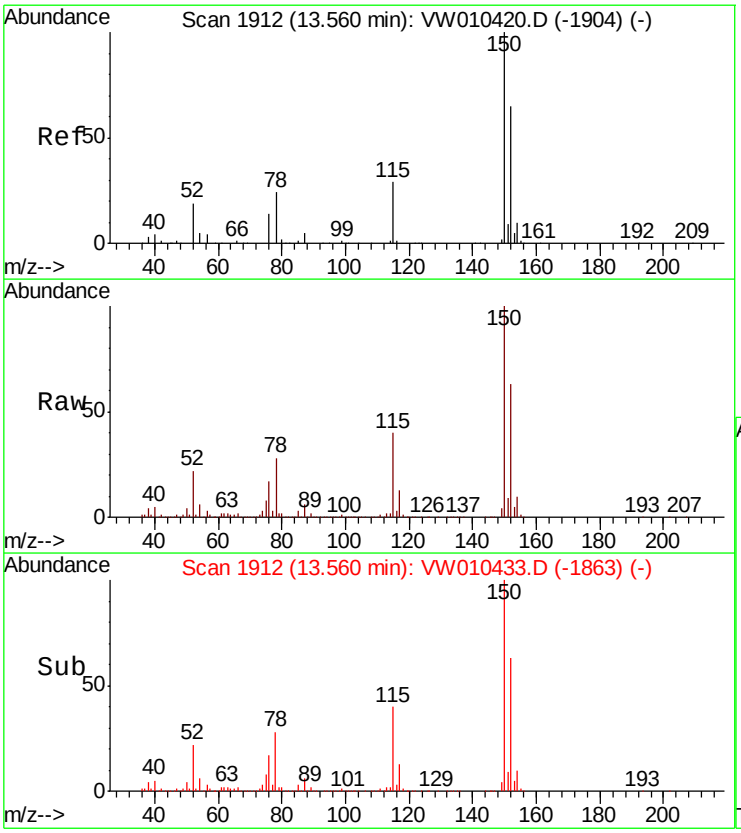
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010433.D
Acq: 18 May 2019 02:19

Instrument : MSVOA_W
ClientSampleId : FEBH-03

Tgt Ion:117 Resp: 1059384

Ion	Ratio	Lower	Upper
117	100		
82	55.1	42.1	63.1
119	32.0	25.6	38.4

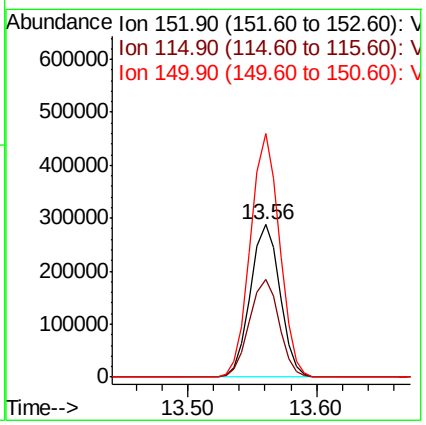


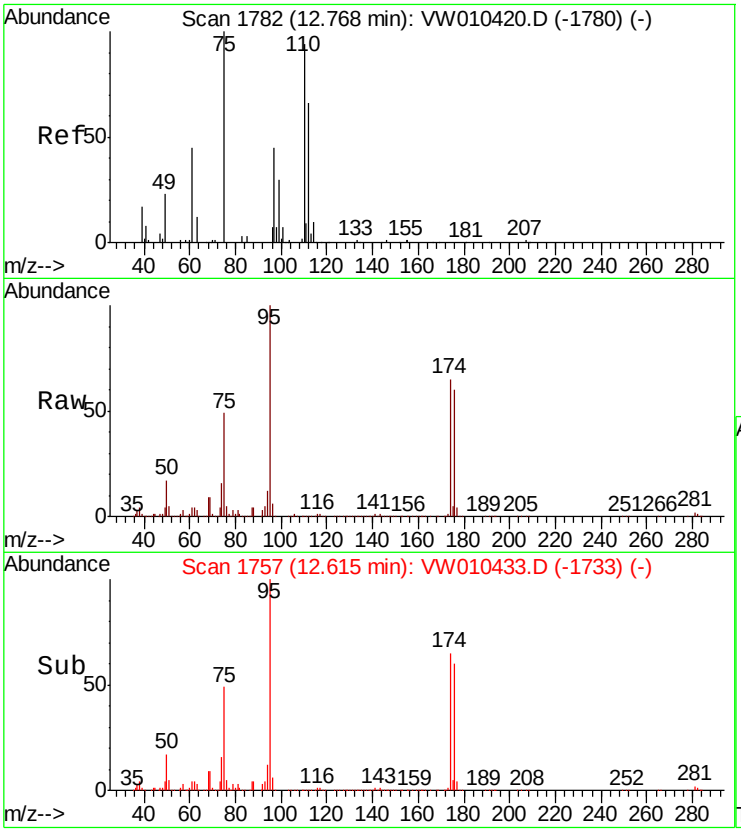


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010433.D
Acq: 18 May 2019 02:19

Tgt Ion:152 Resp: 456961

Ion	Ratio	Lower	Upper
152	100		
115	64.5	30.0	90.1
150	156.7	0.0	350.2



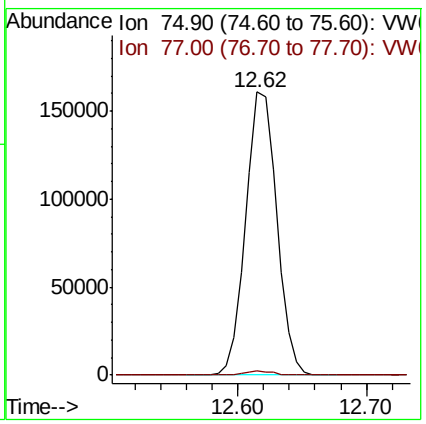


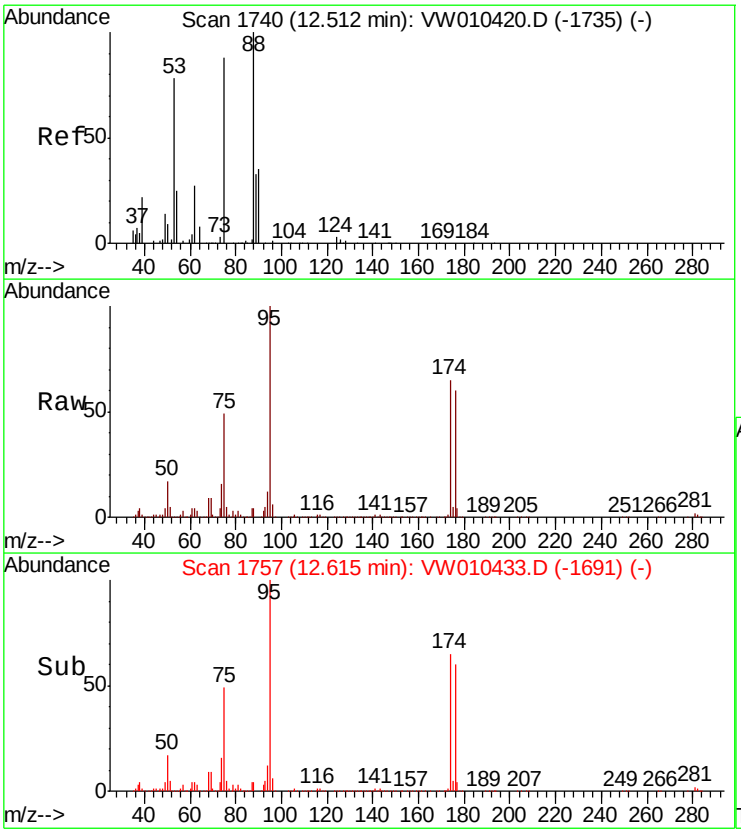
#76
1,2,3-Trichloropropane
Concen: 54.586 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW010433.D
Acq: 18 May 2019 02:19

Instrument :
MSVOA_W
ClientSampleId :
FEBH-03

Tgt Ion: 75 Resp: 267105

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 107.717 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.10 min
Lab File: VW010433.D
Acq: 18 May 2019 02:19

Tgt Ion: 75 Resp: 267105

Ion	Ratio	Lower	Upper
75	100		
53	0.0	70.7	106.1#
89	0.0	38.6	58.0#