Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD072219\
Data File : VD063184.D
Acq On : 22 Jul 2019 18:33
Operator : VA/AP
Sample : K3897-02
Misc : 6.40g/5ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : FK-BPM-01-F03-G03-F03A-G03A

Quant Time: Jul 23 07:51:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D071519S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 16 08:11:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	886339	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.23	114	1233428	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	1107655	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.53	152	541562	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	629001	56.97	ug/l	0.01
Spiked Amount 50.000			Recovery = 113.94%			
35) Dibromofluoromethane	6.93	113	686650	55.89	ug/l	0.01
Spiked Amount 50.000			Recovery = 111.78%			
50) Toluene-d8	10.42	98	1482663	56.19	ug/l	0.02
Spiked Amount 50.000			Recovery = 112.38%			
62) 4-Bromofluorobenzene	13.56	95	651486	53.36	ug/l	0.01
Spiked Amount 50.000			Recovery = 106.72%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.57	85	707	Below Cal	#	43
3) Chloromethane	1.75	50	242	Below Cal	#	48
5) Bromomethane	2.16	94	4653	Below Cal	#	13
13) Acrolein	3.08	56	276	1.435	ug/l	99
16) Acetone	3.22	43	24718	9.269	ug/l	100
18) Methyl Acetate	3.67	43	224	Below Cal	#	63
20) Methylene Chloride	3.82	84	21755	2.159	ug/l #	89
31) Cyclohexane	7.04	56	17466	1.662	ug/l #	20
36) 1,1-Dichloropropene	7.04	75	65908	4.751	ug/l #	49
38) Carbon Tetrachloride	7.04	117	83335	3.953	ug/l #	13
49) 1,4-Dioxane	8.76	88	188	3.901	ug/l #	27
76) 1,2,3-Trichloropropane	13.56	75	292670	35.131	ug/l #	44
81) trans-1,4-Dichloro-2-buten	13.56	75	308579	140.659	ug/l #	1

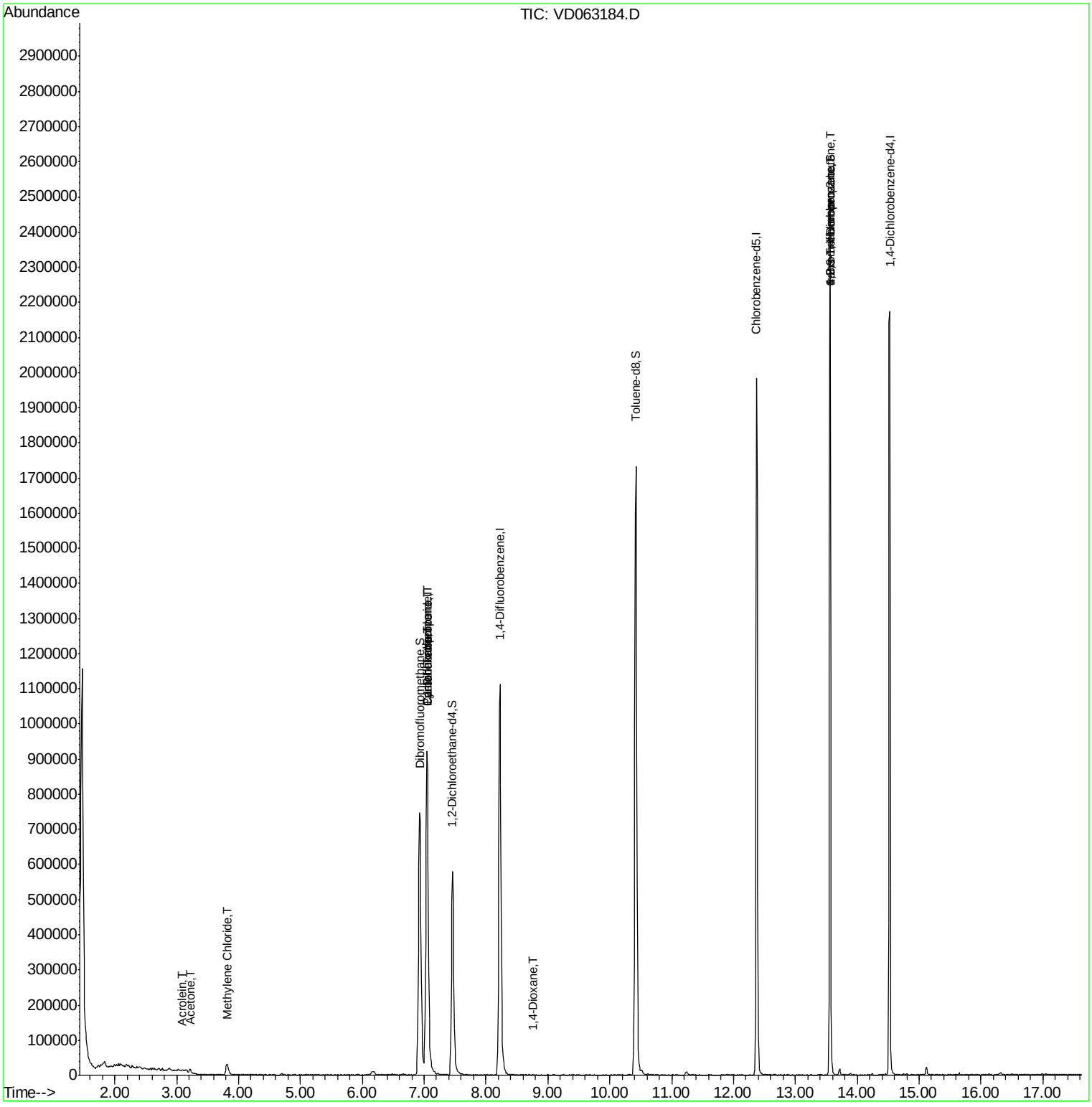
(#) = qualifier out of range (m) = manual integration (+) = signals summed

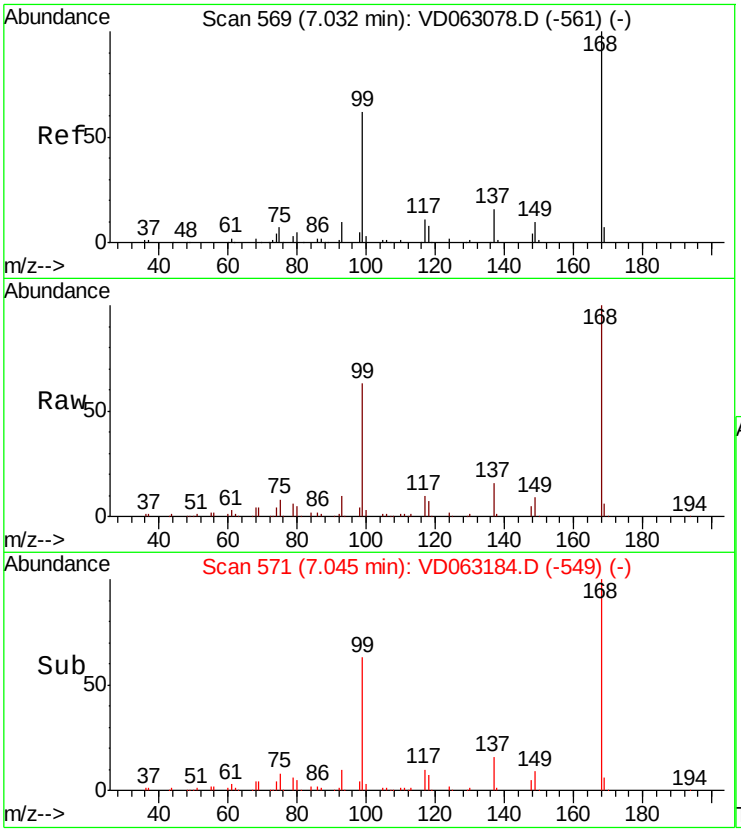
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072219\
Data File : VD063184.D
Acq On : 22 Jul 2019 18:33
Operator : VA/AP
Sample : K3897-02
Misc : 6.40g/5ml/MSVOA D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-01-F03-G03-F03A-G03A

Quant Time: Jul 23 07:51:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D071519S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 16 08:11:56 2019
Response via : Initial Calibration



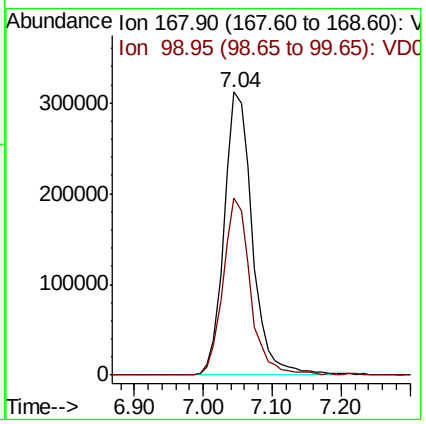


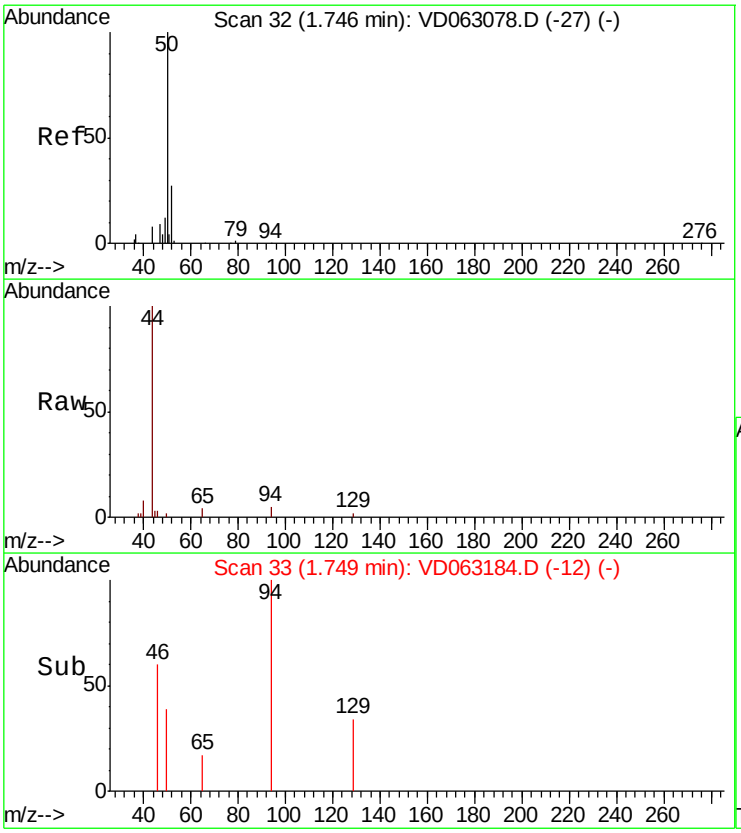
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.04 min Scan# 571
Delta R.T. 0.01 min
Lab File: VD063184.D
Acq: 22 Jul 2019 18:33

Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-01-F03-G03-F03A-G03A

Tgt Ion:168 Resp: 886339

Ion	Ratio	Lower	Upper
168	100		
99	62.6	50.8	76.2

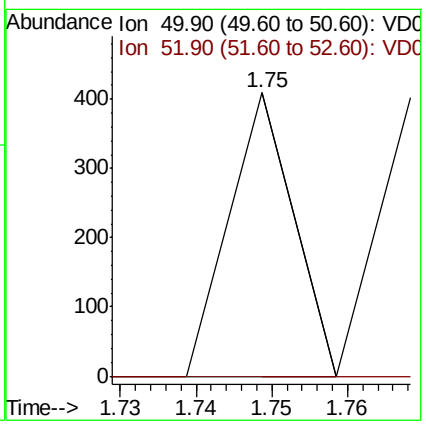


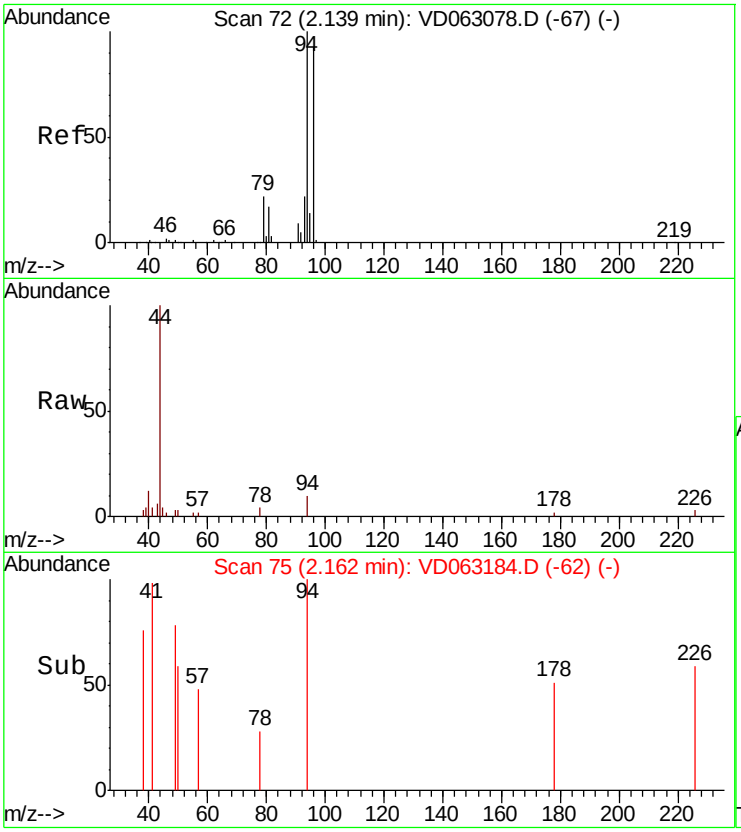


#3
Chloromethane
Concen: Below Cal
RT: 1.75 min Scan# 33
Delta R.T. 0.00 min
Lab File: VD063184.D
Acq: 22 Jul 2019 18:33

Tgt Ion: 50 Resp: 242

Ion	Ratio	Lower	Upper
50	100		
52	0.0	21.4	32.2#



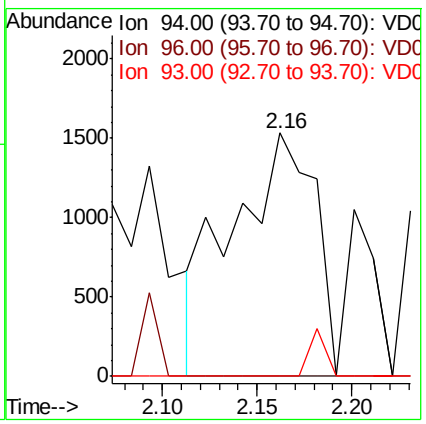


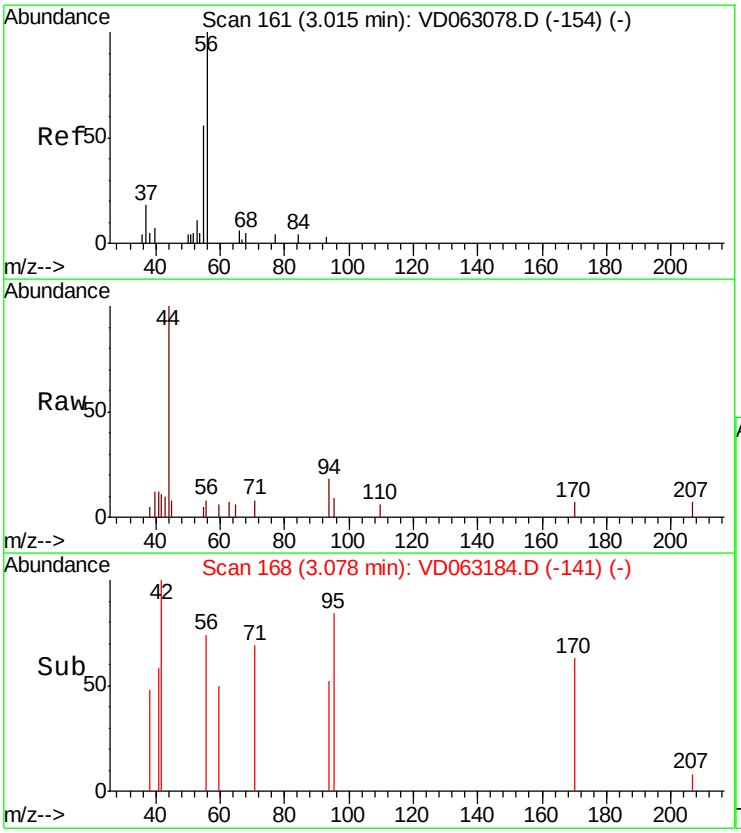
#5
Bromomethane
Concen: Below Cal
RT: 2.16 min Scan# 75
Delta R.T. 0.02 min
Lab File: VD063184.D
Acq: 22 Jul 2019 18:33

Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-01-F03-G03-F03A-G03A

Tgt Ion: 94 Resp: 4653

Ion	Ratio	Lower	Upper
94	100		
96	0.0	74.2	111.2#
93	0.0	17.8	26.6#

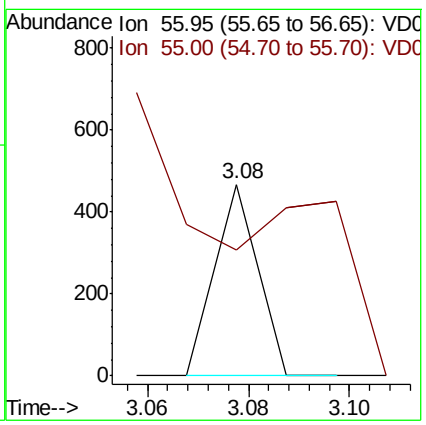


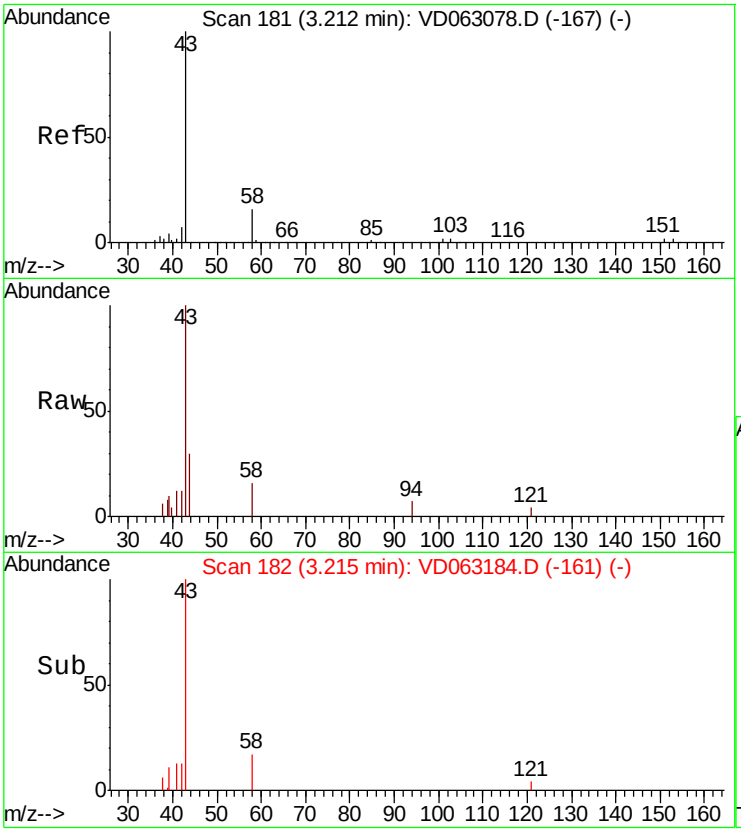


#13
Acrolein
Concen: 1.435 ug/l
RT: 3.08 min Scan# 168
Delta R.T. 0.06 min
Lab File: VD063184.D
Acq: 22 Jul 2019 18:33

Tgt Ion: 56 Resp: 276

Ion	Ratio	Lower	Upper
56	100		
55	65.5	53.0	79.4



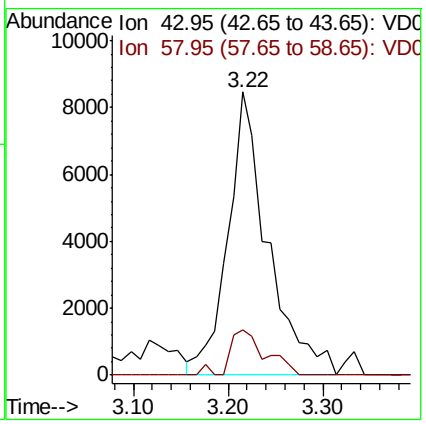


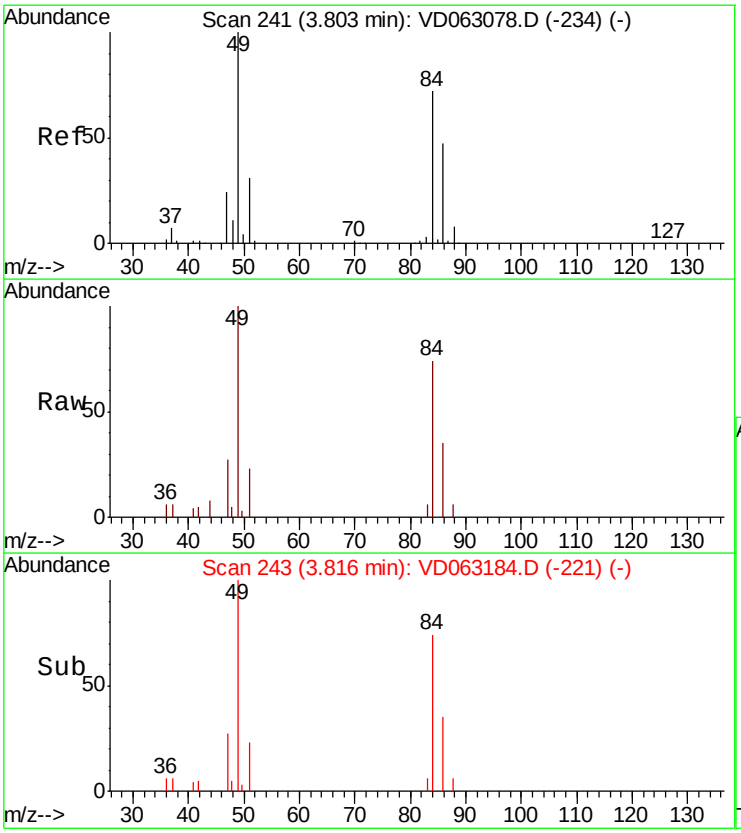
#16
Acetone
Concen: 9.269 ug/l
RT: 3.22 min Scan# 182
Delta R.T. 0.00 min
Lab File: VD063184.D
Acq: 22 Jul 2019 18:33

Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-01-F03-G03-F03A-G03A

Tgt Ion: 43 Resp: 24718

Ion	Ratio	Lower	Upper
43	100		
58	16.0	13.0	19.4

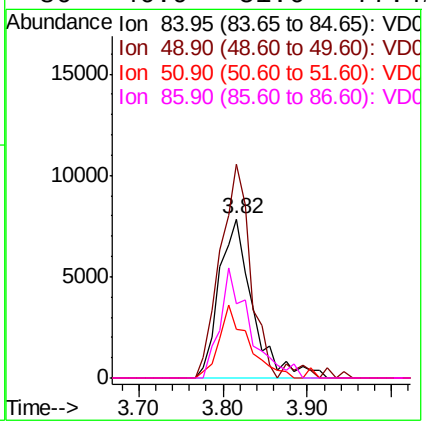


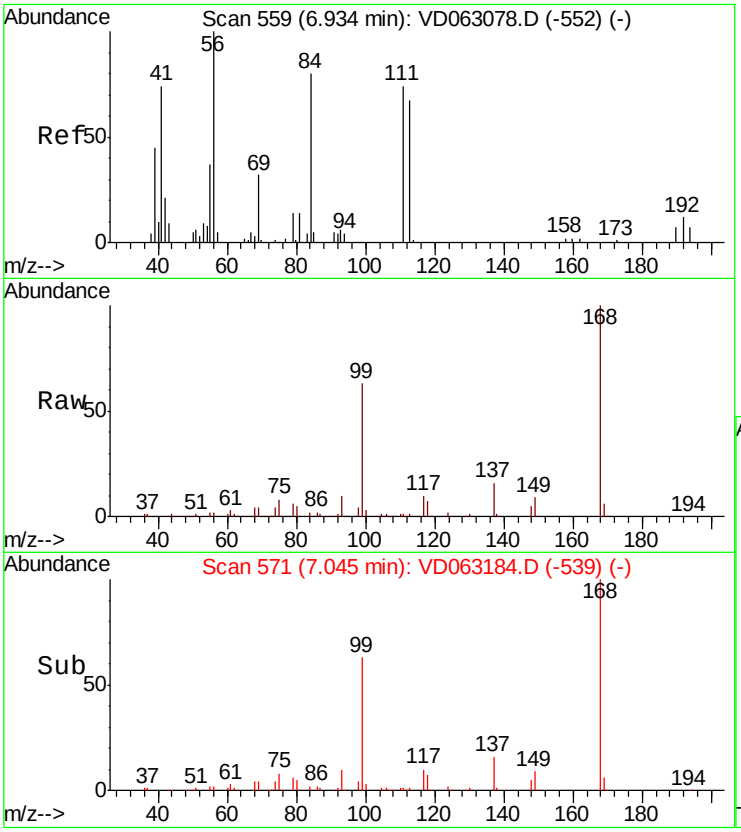


#20
Methylene Chloride
Concen: 2.159 ug/l
RT: 3.82 min Scan# 243
Delta R.T. 0.01 min
Lab File: VD063184.D
Acq: 22 Jul 2019 18:33

Tgt Ion: 84 Resp: 21755

Ion	Ratio	Lower	Upper
84	100		
49	134.3	110.5	165.7
51	30.3	34.6	51.8#
86	46.9	51.6	77.4#



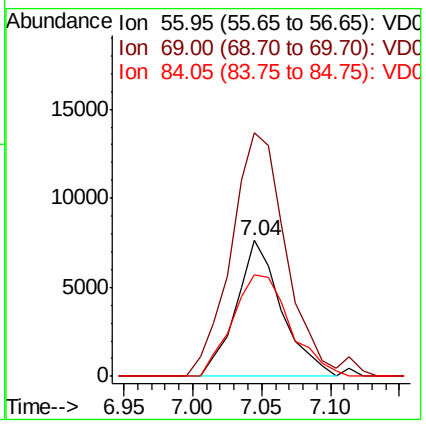


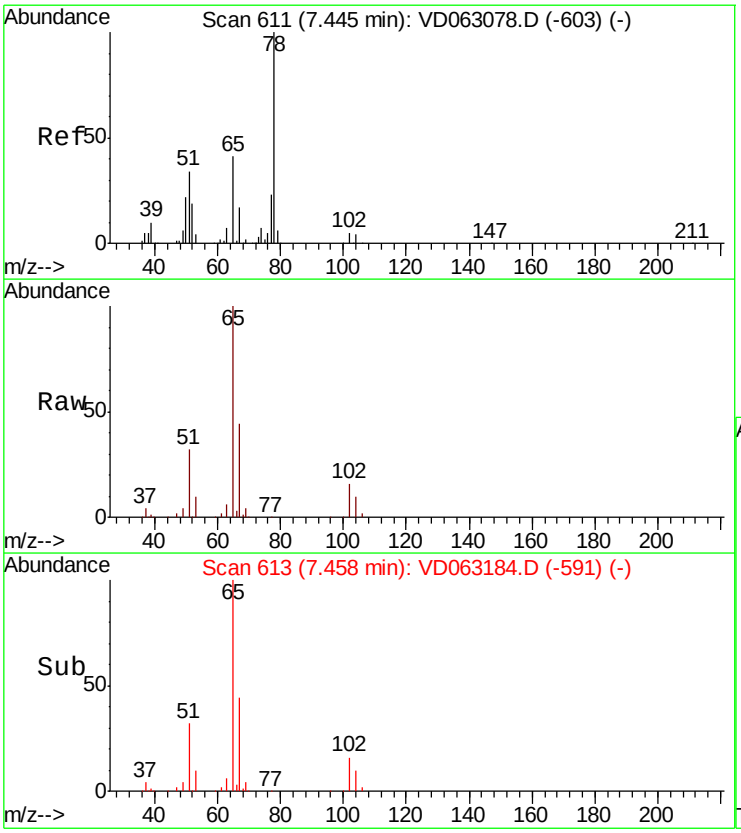
#31
Cyclohexane
Concen: 1.662 ug/l
RT: 7.04 min Scan# 571
Delta R.T. 0.11 min
Lab File: VD063184.D
Acq: 22 Jul 2019 18:33

Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-01-F03-G03-F03A-G03A

Tgt Ion: 56 Resp: 17466

Ion	Ratio	Lower	Upper
56	100		
69	179.5	25.3	37.9#
84	74.7	64.2	96.4

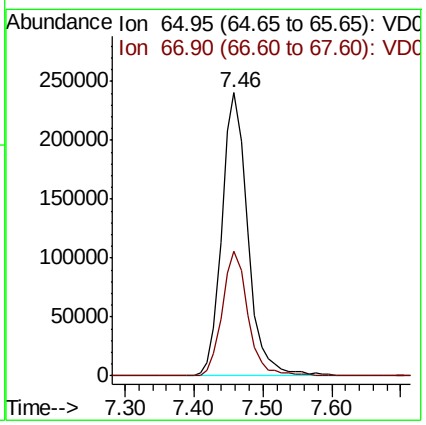


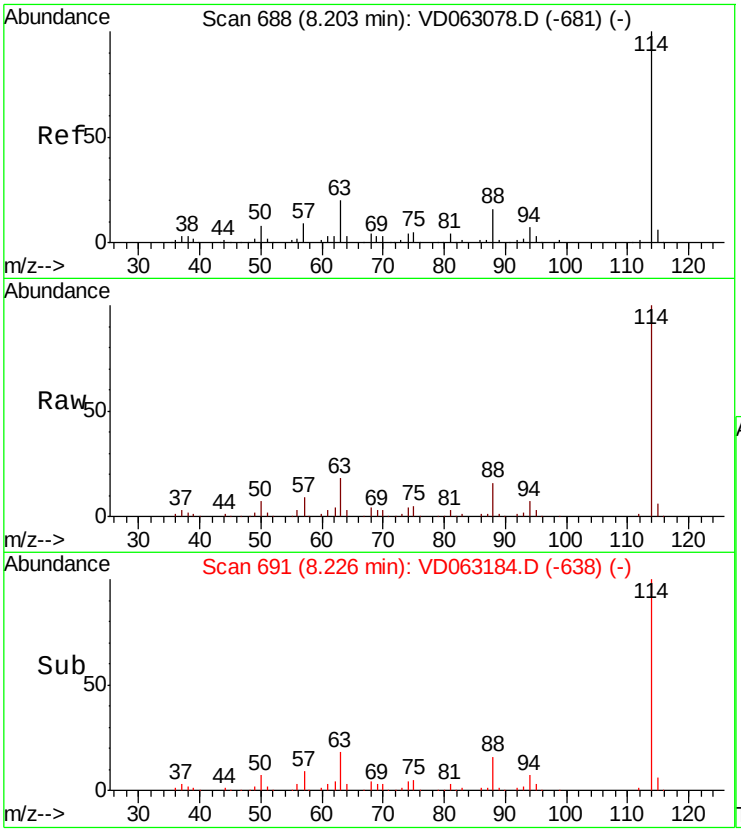


#33
1,2-Dichloroethane-d4
Concen: 56.969 ug/l
RT: 7.46 min Scan# 613
Delta R.T. 0.01 min
Lab File: VD063184.D
Acq: 22 Jul 2019 18:33

Tgt Ion: 65 Resp: 629001

Ion	Ratio	Lower	Upper
65	100		
67	43.9	0.0	86.0



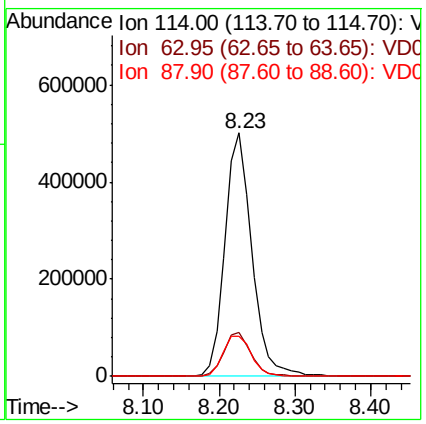


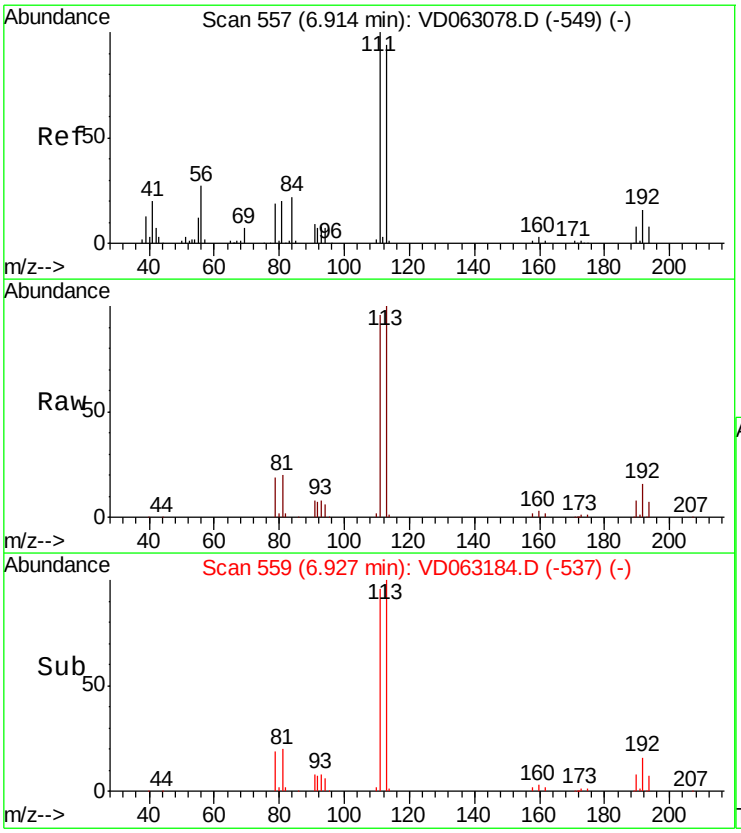
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.23 min Scan# 691
Delta R.T. 0.02 min
Lab File: VD063184.D
Acq: 22 Jul 2019 18:33

Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-01-F03-G03-F03A-G03A

Tgt Ion:114 Resp: 1233428

Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	40.6
88	16.4	0.0	32.6

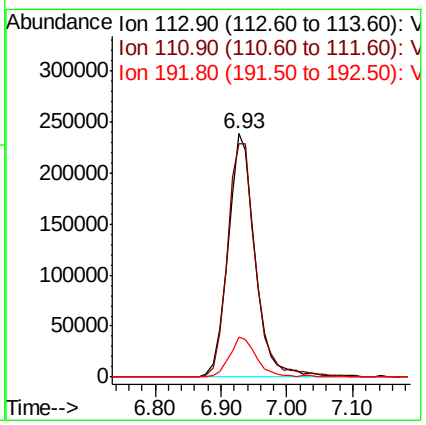


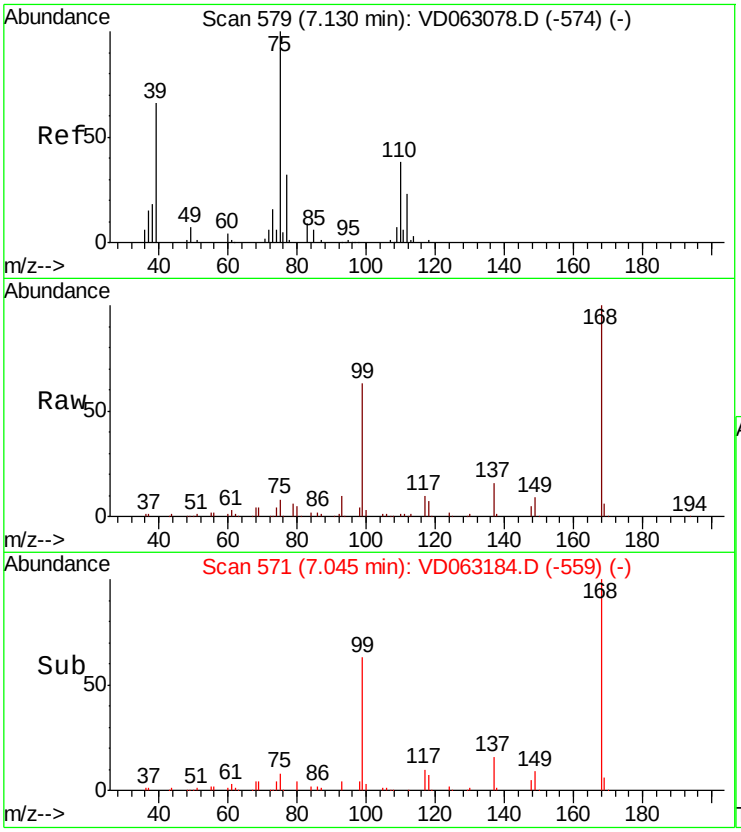


#35
Dibromofluoromethane
Concen: 55.892 ug/l
RT: 6.93 min Scan# 559
Delta R.T. 0.01 min
Lab File: VD063184.D
Acq: 22 Jul 2019 18:33

Tgt Ion:113 Resp: 686650

Ion	Ratio	Lower	Upper
113	100		
111	96.1	84.8	127.2
192	16.2	13.4	20.0



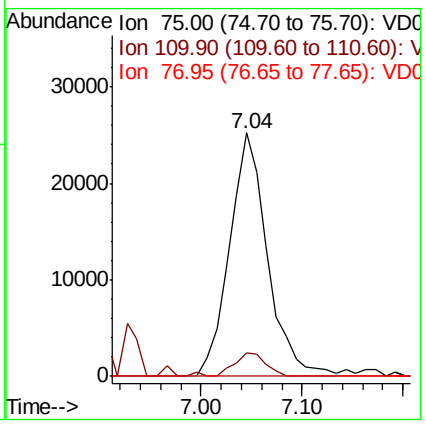


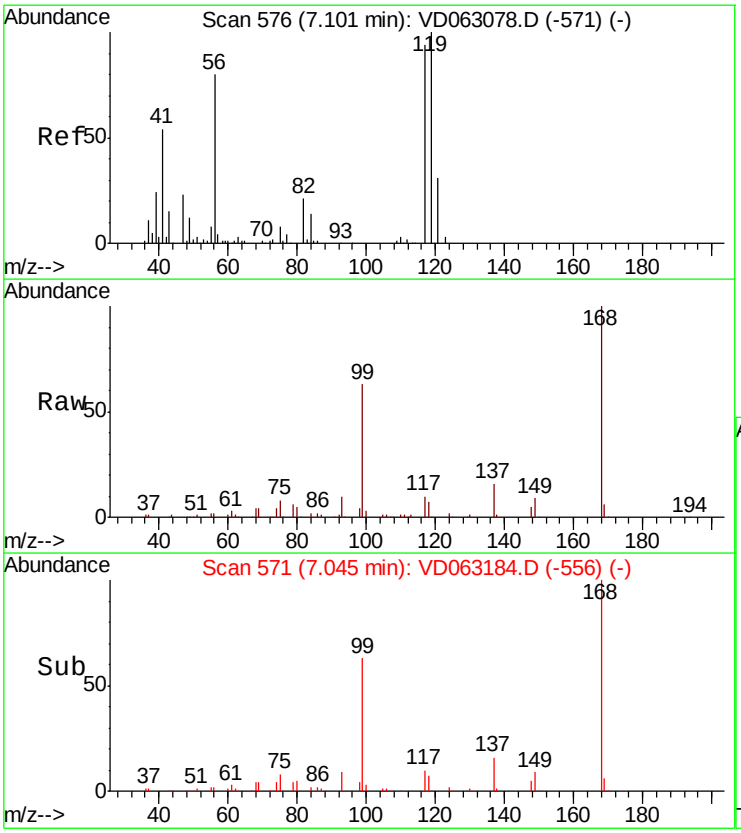
#36
1,1-Dichloropropene
Concen: 4.751 ug/l
RT: 7.04 min Scan# 571
Delta R.T. -0.09 min
Lab File: VD063184.D
Acq: 22 Jul 2019 18:33

Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-01-F03-G03-F03A-G03A

Tgt Ion: 75 Resp: 65908

Ion	Ratio	Lower	Upper
75	100		
110	9.5	18.9	56.5#
77	0.0	25.2	37.8#

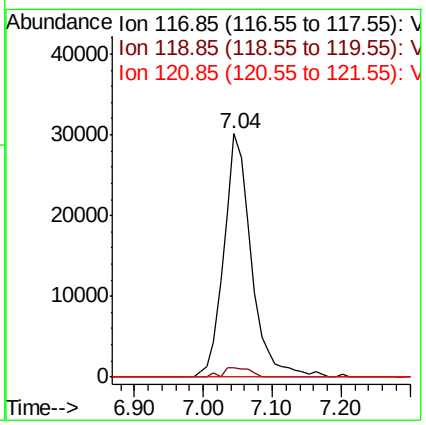


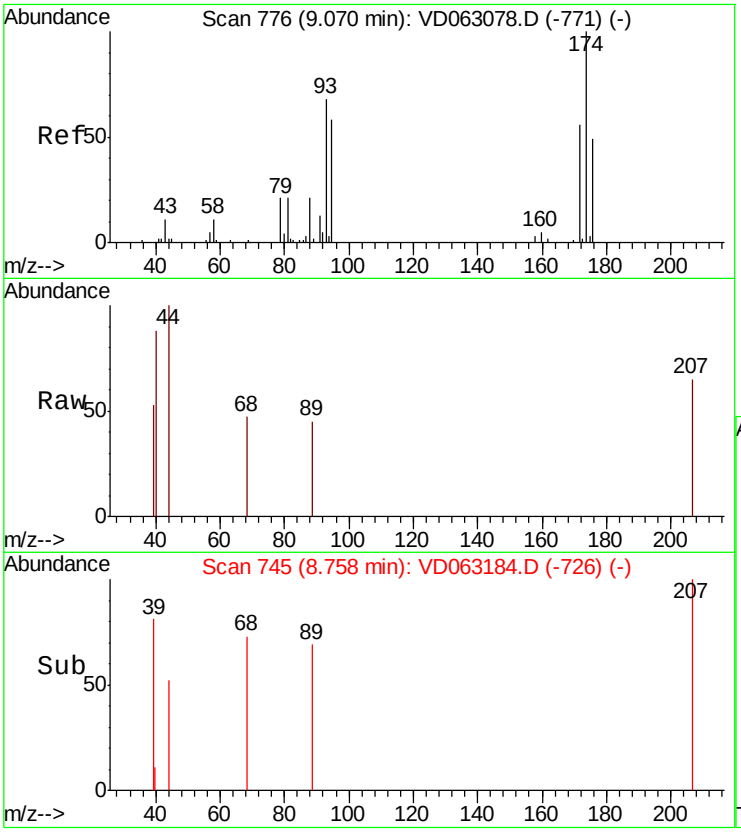


#38
Carbon Tetrachloride
Concen: 3.953 ug/l
RT: 7.04 min Scan# 571
Delta R.T. -0.06 min
Lab File: VD063184.D
Acq: 22 Jul 2019 18:33

Tgt Ion:117 Resp: 83335

Ion	Ratio	Lower	Upper
117	100		
119	3.8	80.0	120.0#
121	0.0	25.0	37.4#



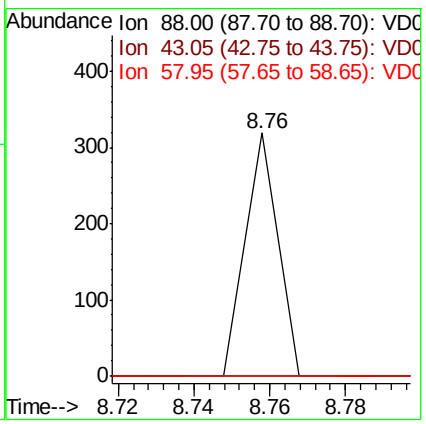


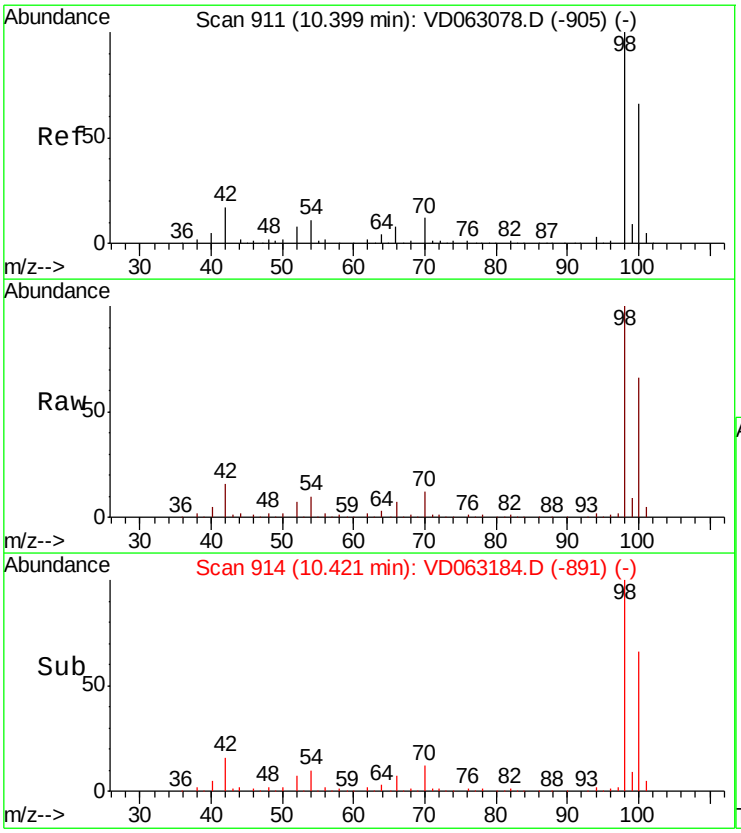
#49
1,4-Dioxane
Concen: 3.901 ug/l
RT: 8.76 min Scan# 745
Delta R.T. -0.31 min
Lab File: VD063184.D
Acq: 22 Jul 2019 18:33

Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-01-F03-G03-F03A-G03A

Tgt Ion: 88 Resp: 188

Ion	Ratio	Lower	Upper
88	100		
43	0.0	40.2	60.4#
58	0.0	41.6	62.4#

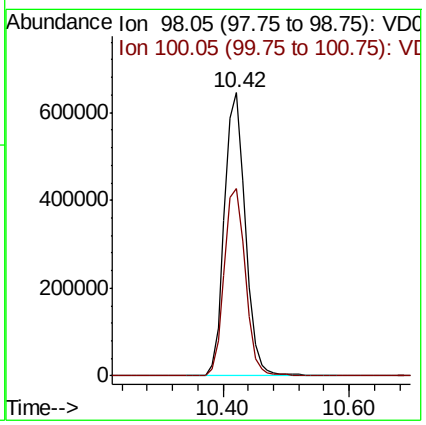


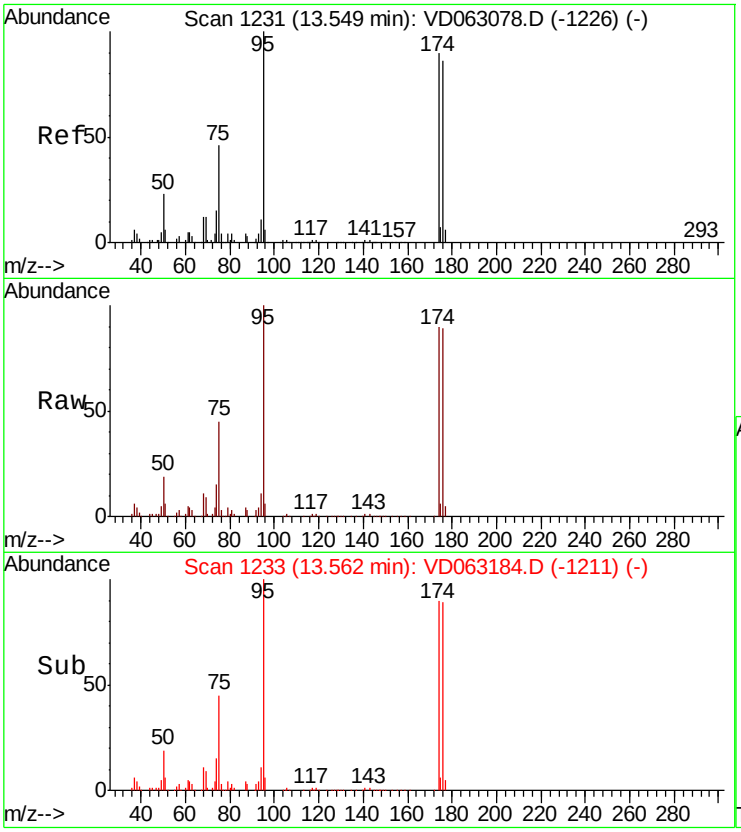


#50
Toluene-d8
Concen: 56.185 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.02 min
Lab File: VD063184.D
Acq: 22 Jul 2019 18:33

Tgt Ion: 98 Resp: 1482663

Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.5	80.3



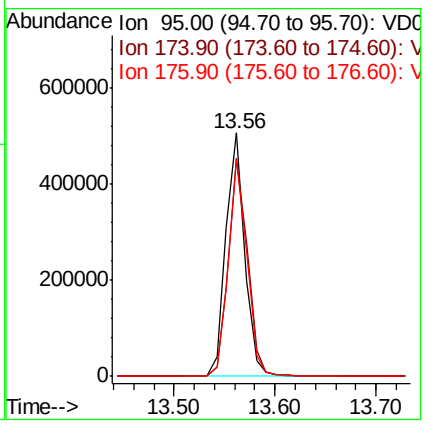


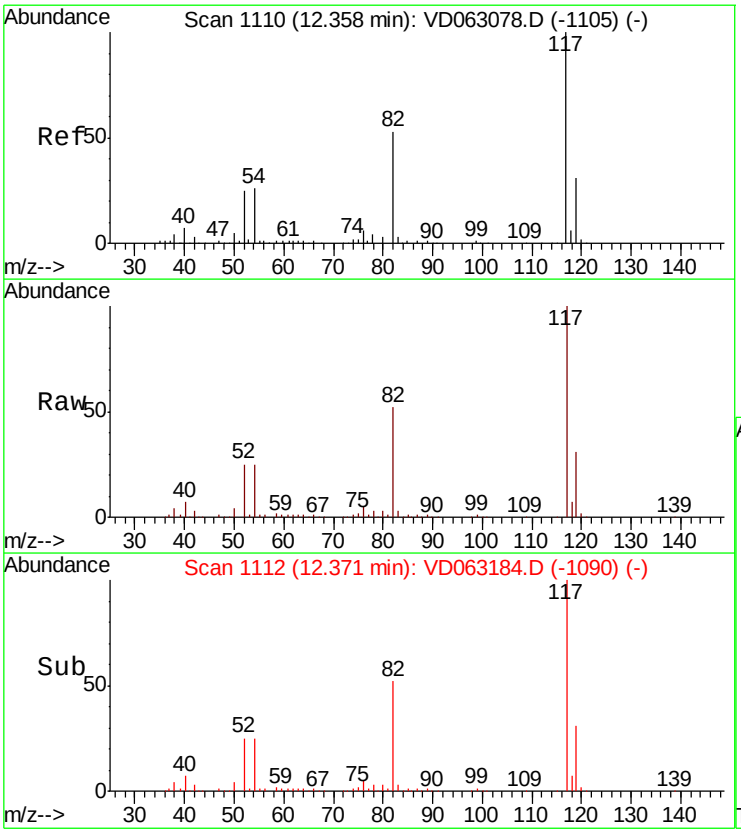
#62
4-Bromofluorobenzene
Concen: 53.364 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD063184.D
Acq: 22 Jul 2019 18:33

Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-01-F03-G03-F03A-G03A

Tgt Ion: 95 Resp: 651486

Ion	Ratio	Lower	Upper
95	100		
174	89.7	0.0	180.6
176	89.0	0.0	172.2

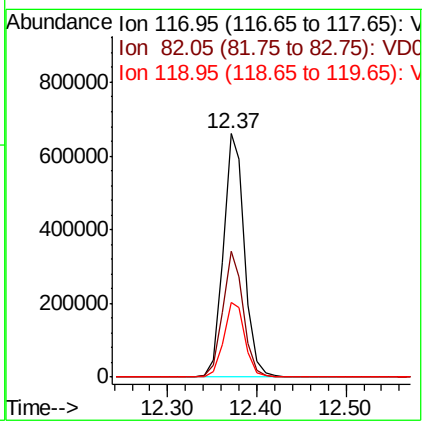


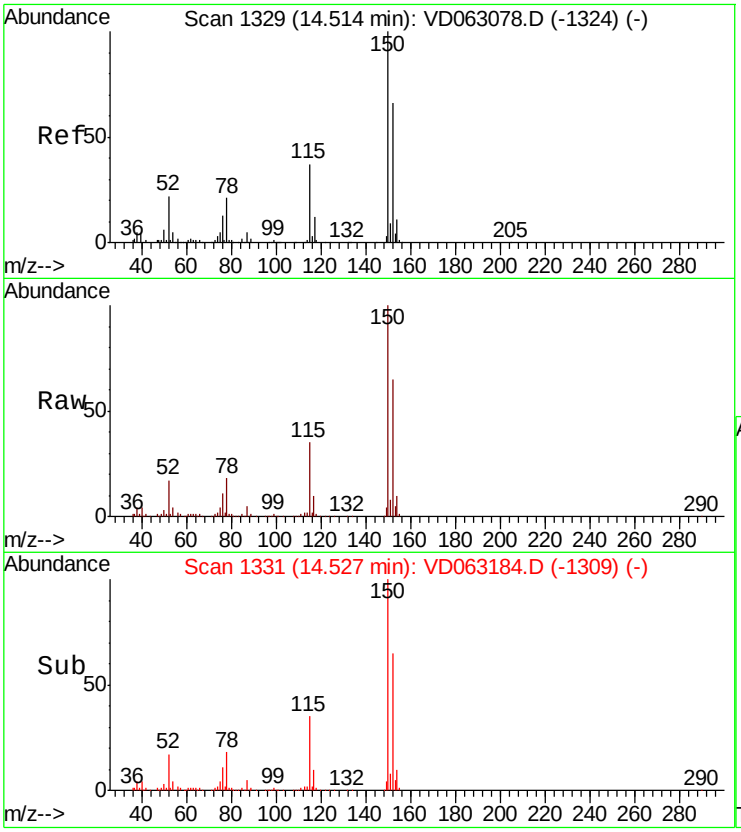


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD063184.D
Acq: 22 Jul 2019 18:33

Tgt Ion:117 Resp: 1107655

Ion	Ratio	Lower	Upper
117	100		
82	51.5	42.3	63.5
119	30.9	25.2	37.8



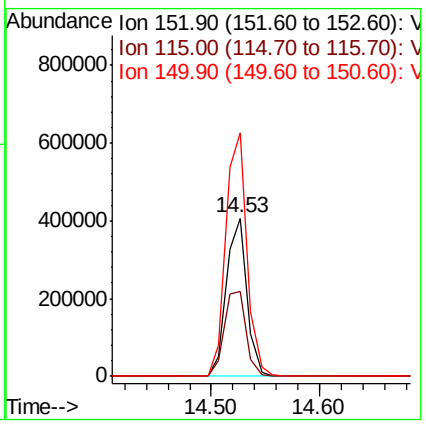


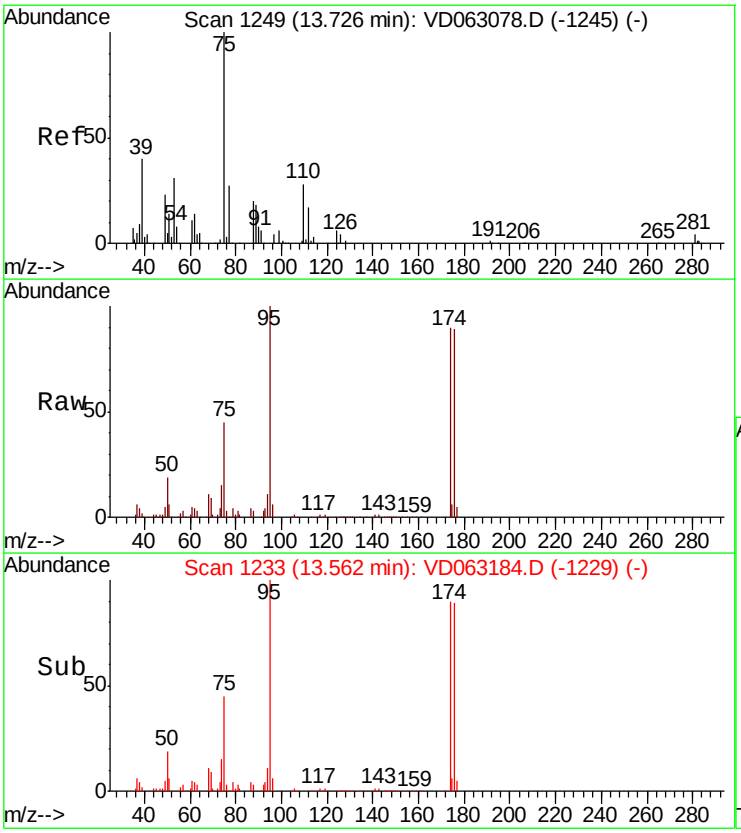
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD063184.D
Acq: 22 Jul 2019 18:33

Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-01-F03-G03-F03A-G03A

Tgt Ion:152 Resp: 541562

Ion	Ratio	Lower	Upper
152	100		
115	53.9	28.9	86.8
150	153.9	0.0	313.8

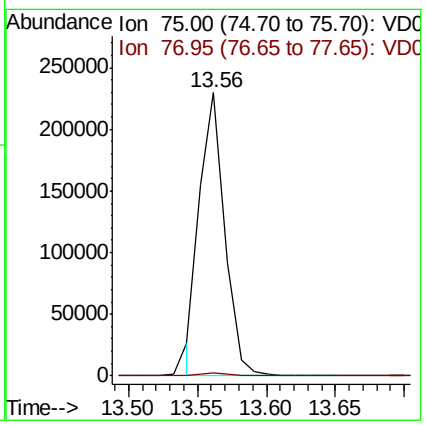


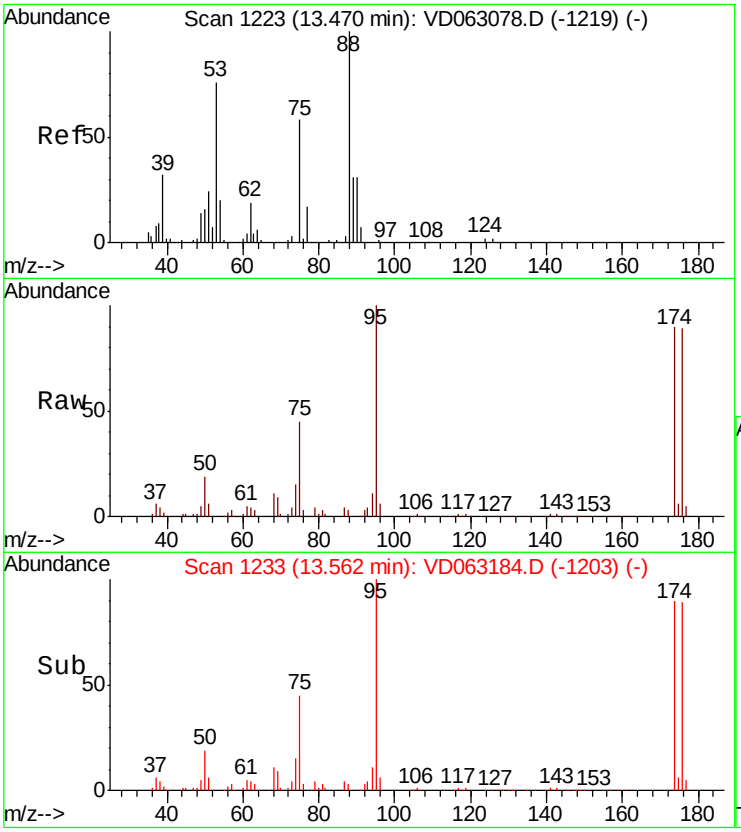


#76
1,2,3-Trichloropropane
Concen: 35.131 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. -0.16 min
Lab File: VD063184.D
Acq: 22 Jul 2019 18:33

Tgt Ion: 75 Resp: 292670

Ion	Ratio	Lower	Upper
75	100		
77	0.9	16.3	48.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 140.659 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.09 min
Lab File: VD063184.D
Acq: 22 Jul 2019 18:33

Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-01-F03-G03-F03A-G03A

Tgt Ion: 75 Resp: 308579

Ion	Ratio	Lower	Upper
75	100		
53	0.0	104.4	156.6#
89	0.0	43.1	64.7#