Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD071919\
Data File : VD063163.D
Acq On : 19 Jul 2019 19:36
Operator : VA/AP
Sample : K3807-02RE
Misc : 5.87g/5ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : FK-PS-01-053RE

Quant Time: Jul 20 05:02:40 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	557855	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	765952	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	453828	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	136903	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	512104	73.69	ug/l	0.00
Spiked Amount 50.000			Recovery = 147.38%			
35) Dibromofluoromethane	6.92	113	496496	65.08	ug/l	0.00
Spiked Amount 50.000			Recovery = 130.16%			
50) Toluene-d8	10.41	98	937162	57.19	ug/l	0.00
Spiked Amount 50.000			Recovery = 114.38%			
62) 4-Bromofluorobenzene	13.56	95	267939	35.34	ug/l	0.00
Spiked Amount 50.000			Recovery = 70.68%			
Target Compounds						Qvalue
3) Chloromethane	1.74	50	429	Below Cal	#	48
5) Bromomethane	2.12	94	2285	Below Cal	#	15
13) Acrolein	3.00	56	252	2.082	ug/l #	1
16) Acetone	3.20	43	2255	1.344	ug/l #	62
18) Methyl Acetate	3.63	43	1683	Below Cal	#	63
20) Methylene Chloride	3.80	84	8796	1.387	ug/l #	71
31) Cyclohexane	7.04	56	10933	1.653	ug/l #	1
38) Carbon Tetrachloride	7.04	117	53211	4.065	ug/l #	14
51) 4-Methyl-2-Pentanone	10.41	43	6176	1.762	ug/l #	1
81) trans-1,4-Dichloro-2-buten	13.56	75	121251	218.636	ug/l #	1

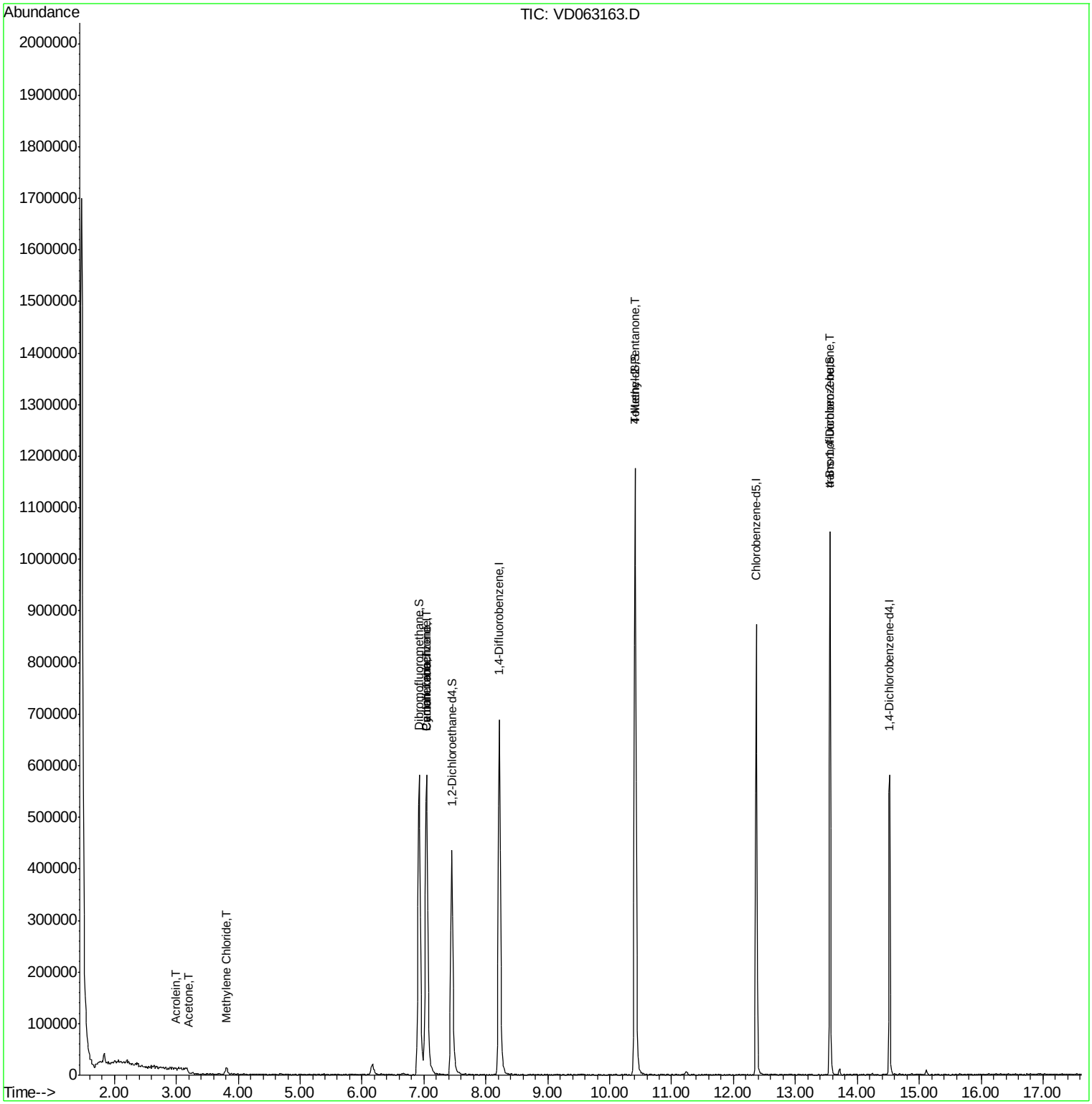
(#) = qualifier out of range (m) = manual integration (+) = signals summed

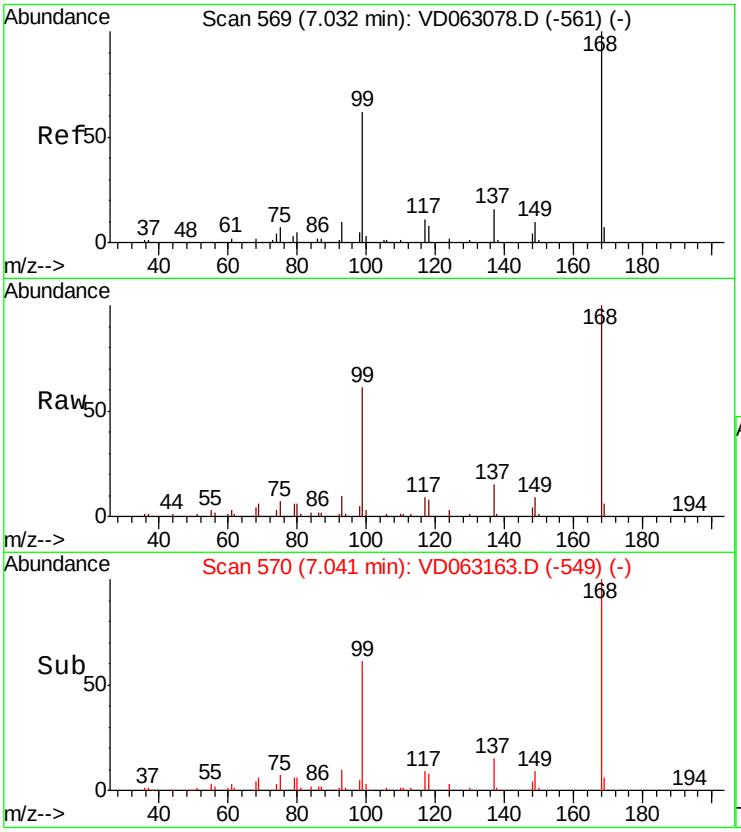
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD071919\
Data File : VD063163.D
Acq On : 19 Jul 2019 19:36
Operator : VA/AP
Sample : K3807-02RE
Misc : 5.87g/5ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
FK-PS-01-053RE

Quant Time: Jul 20 05:02:40 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



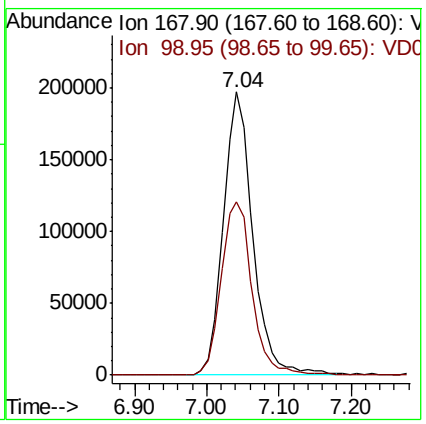


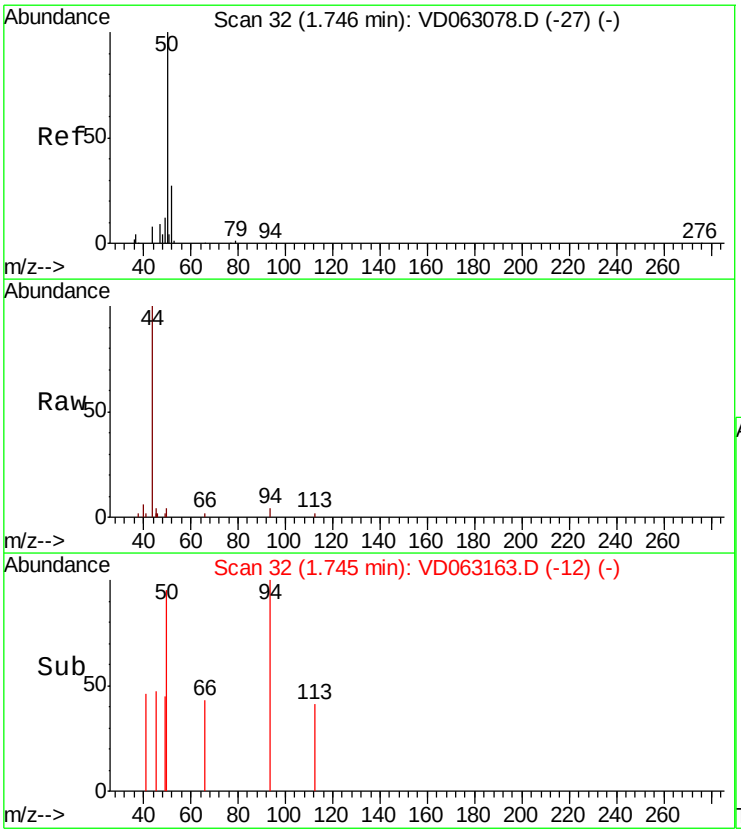
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.04 min Scan# 570
Delta R.T. 0.01 min
Lab File: VD063163.D
Acq: 19 Jul 2019 19:36

Instrument :
MSVOA_D
ClientSampleId :
FK-PS-01-053RE

Tgt Ion:168 Resp: 557855

Ion	Ratio	Lower	Upper
168	100		
99	61.2	50.8	76.2

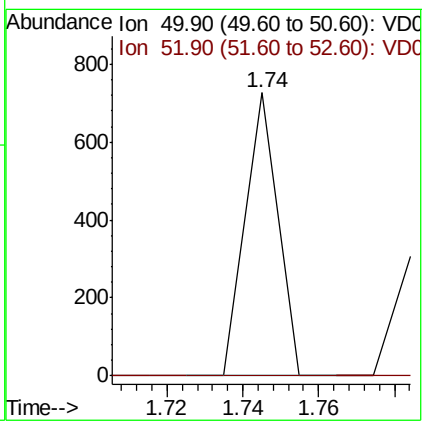


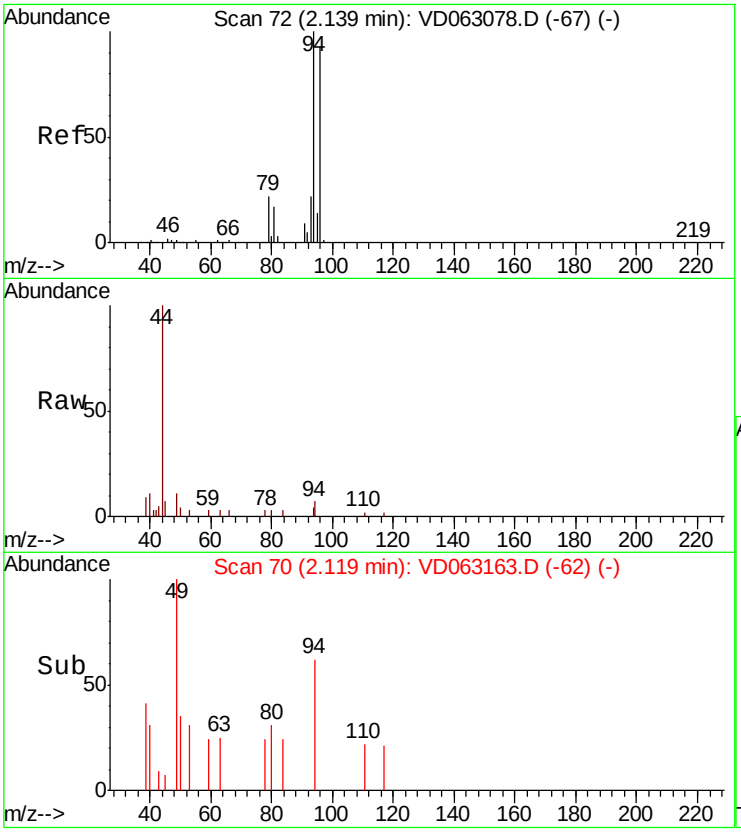


#3
Chloromethane
Concen: Below Cal
RT: 1.74 min Scan# 32
Delta R.T. -0.00 min
Lab File: VD063163.D
Acq: 19 Jul 2019 19:36

Tgt Ion: 50 Resp: 429

Ion	Ratio	Lower	Upper
50	100		
52	0.0	21.4	32.2#



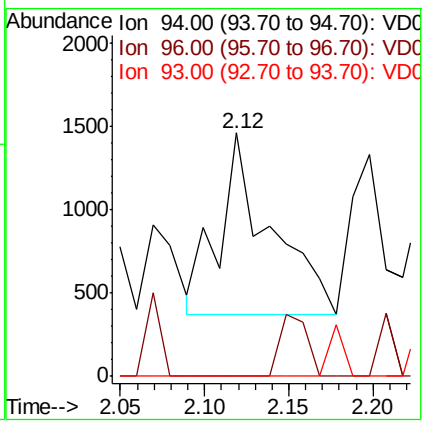


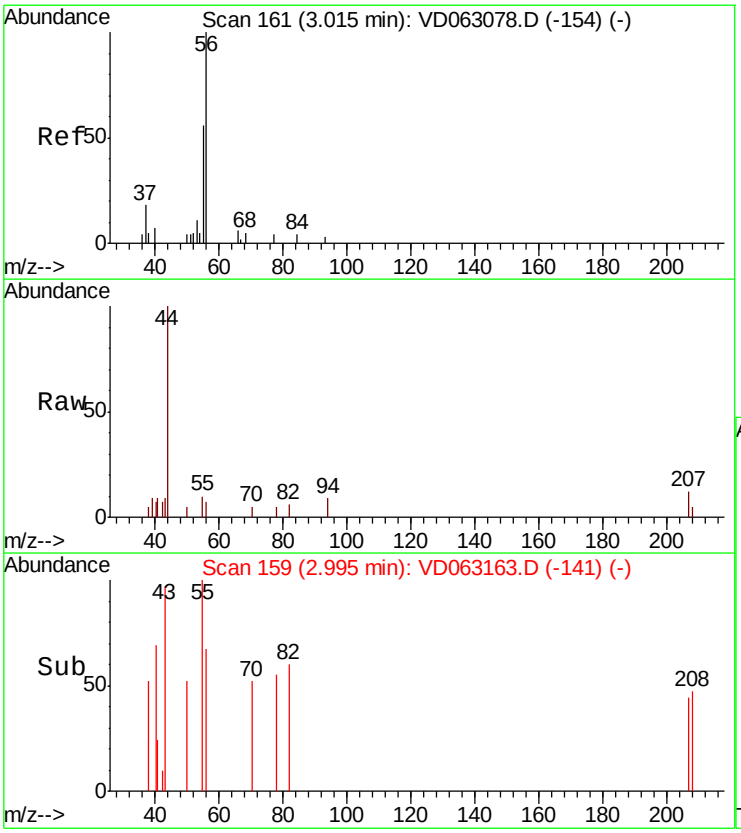
#5
Bromomethane
Concen: Below Cal
RT: 2.12 min Scan# 70
Delta R.T. -0.02 min
Lab File: VD063163.D
Acq: 19 Jul 2019 19:36

Instrument : MSVOA_D
ClientSampleId : FK-PS-01-053RE

Tgt Ion: 94 Resp: 2285

Ion	Ratio	Lower	Upper
94	100		
96	0.0	74.2	111.2#
93	39.6	17.8	26.6#

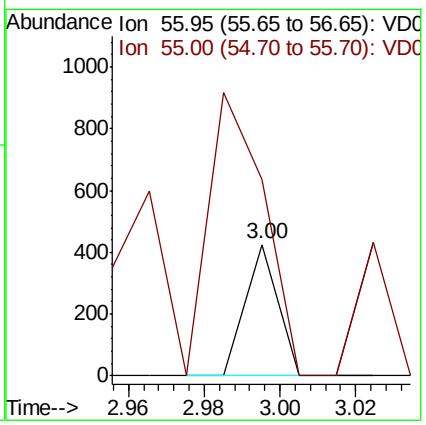


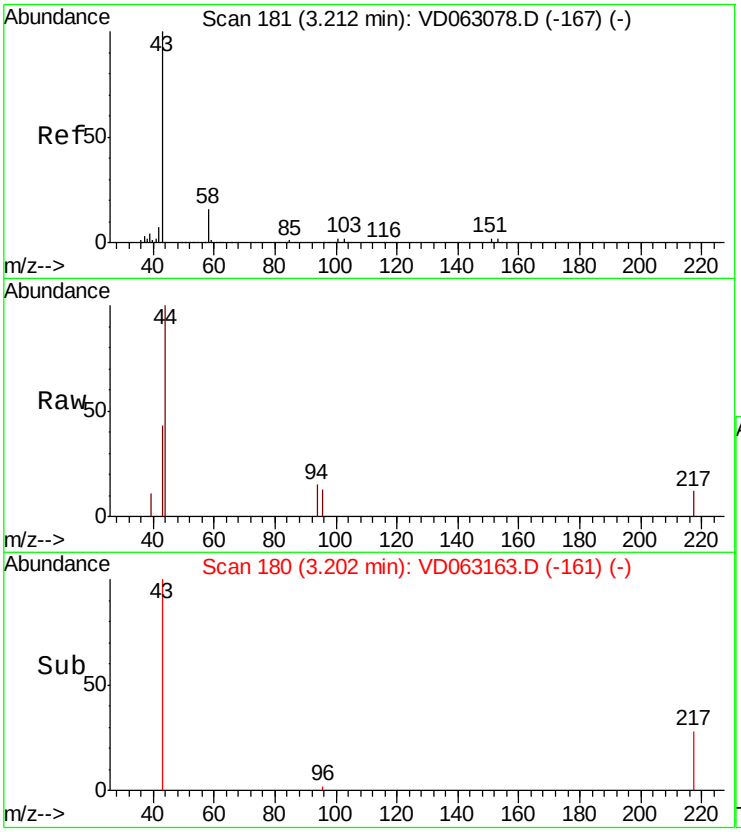


#13
Acrolein
Concen: 2.082 ug/l
RT: 3.00 min Scan# 159
Delta R.T. -0.02 min
Lab File: VD063163.D
Acq: 19 Jul 2019 19:36

Tgt Ion: 56 Resp: 252

Ion	Ratio	Lower	Upper
56	100		
55	149.3	53.0	79.4#



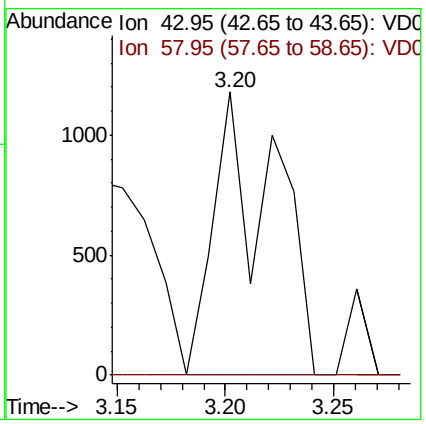


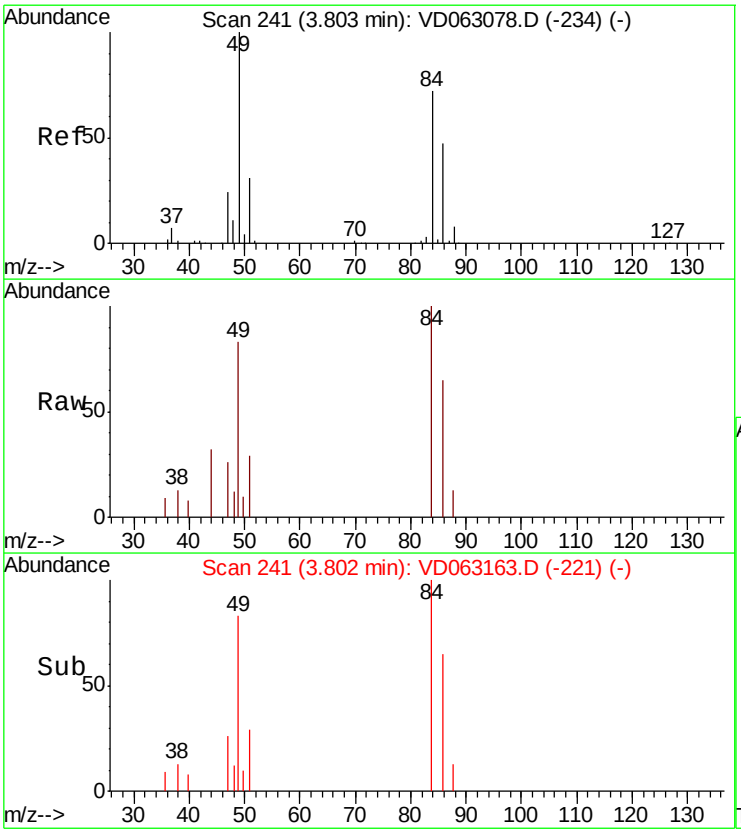
#16
Acetone
Concen: 1.344 ug/l
RT: 3.20 min Scan# 180
Delta R.T. -0.01 min
Lab File: VD063163.D
Acq: 19 Jul 2019 19:36

Instrument : MSVOA_D
ClientSampleId : FK-PS-01-053RE

Tgt Ion: 43 Resp: 2255

Ion	Ratio	Lower	Upper
43	100		
58	0.0	13.0	19.4#

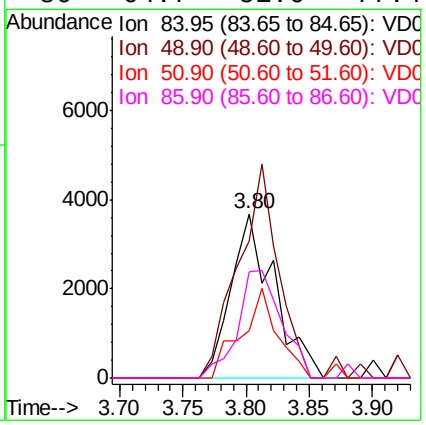


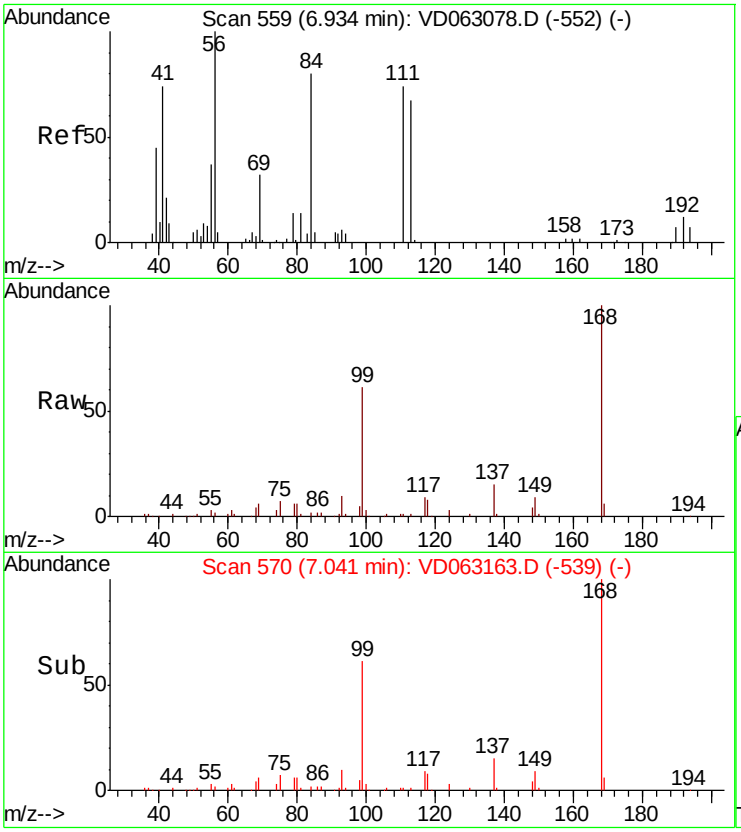


#20
Methylene Chloride
Concen: 1.387 ug/l
RT: 3.80 min Scan# 241
Delta R.T. -0.00 min
Lab File: VD063163.D
Acq: 19 Jul 2019 19:36

Tgt Ion: 84 Resp: 8796

Ion	Ratio	Lower	Upper
84	100		
49	83.4	110.5	165.7#
51	29.0	34.6	51.8#
86	64.7	51.6	77.4



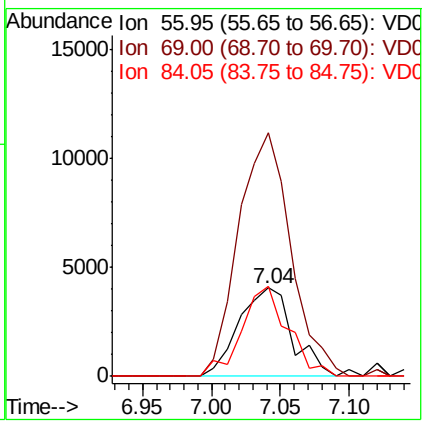


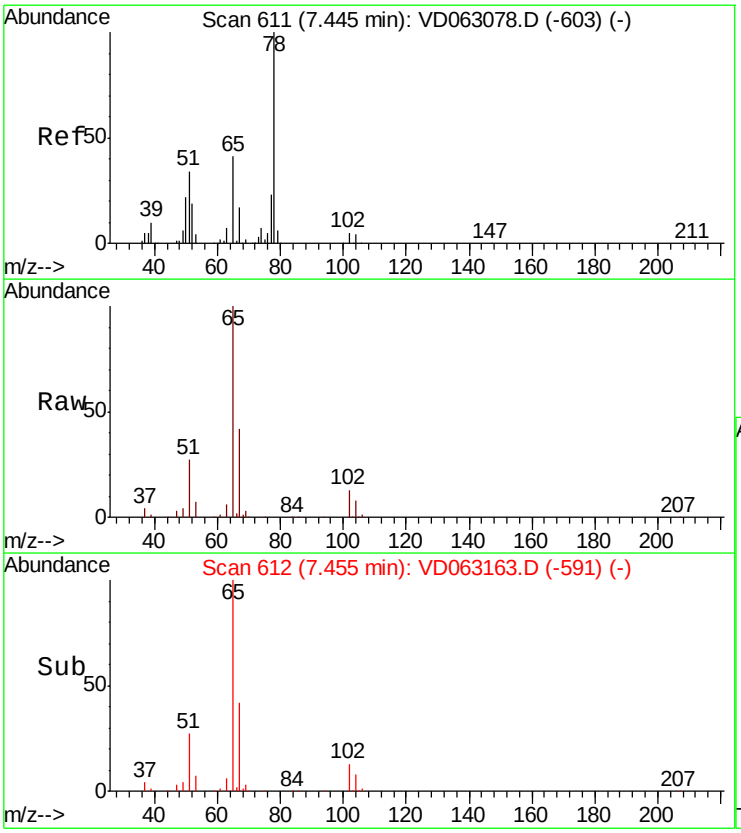
#31
Cyclohexane
Concen: 1.653 ug/l
RT: 7.04 min Scan# 570
Delta R.T. 0.11 min
Lab File: VD063163.D
Acq: 19 Jul 2019 19:36

Instrument : MSVOA_D
ClientSampleId : FK-PS-01-053RE

Tgt Ion: 56 Resp: 10933

Ion	Ratio	Lower	Upper
56	100		
69	275.9	25.3	37.9#
84	101.6	64.2	96.4#

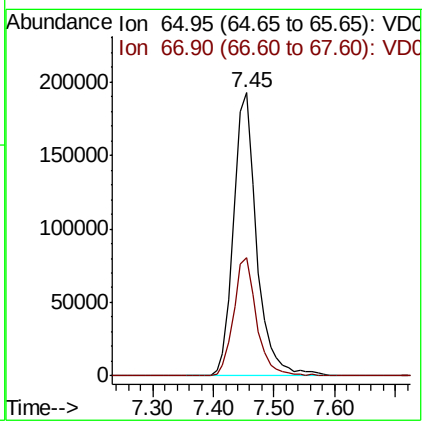


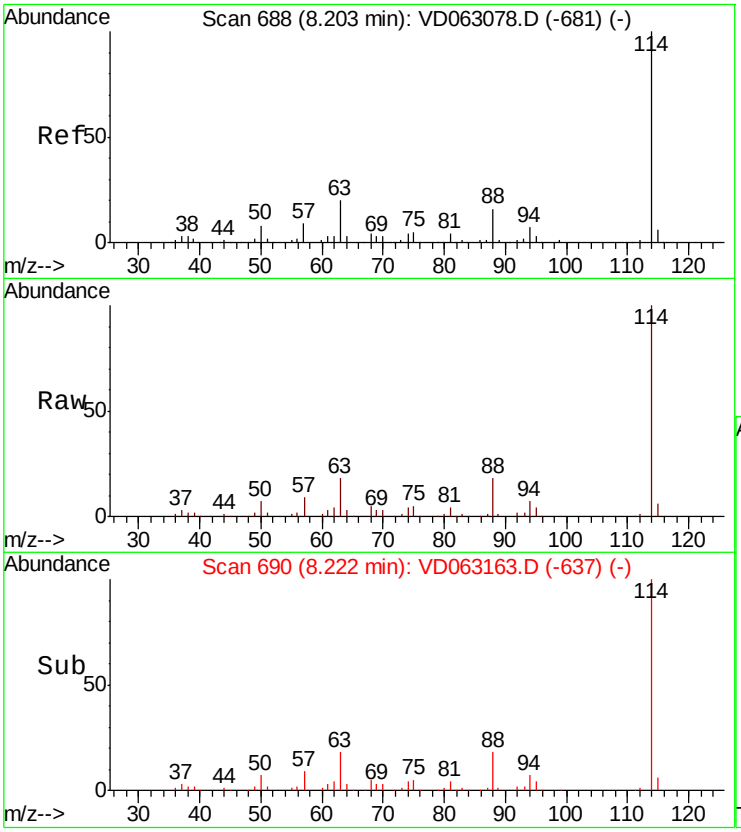


#33
1,2-Dichloroethane-d4
Concen: 73.693 ug/l
RT: 7.45 min Scan# 612
Delta R.T. 0.01 min
Lab File: VD063163.D
Acq: 19 Jul 2019 19:36

Tgt Ion: 65 Resp: 512104

Ion	Ratio	Lower	Upper
65	100		
67	41.9	0.0	86.0



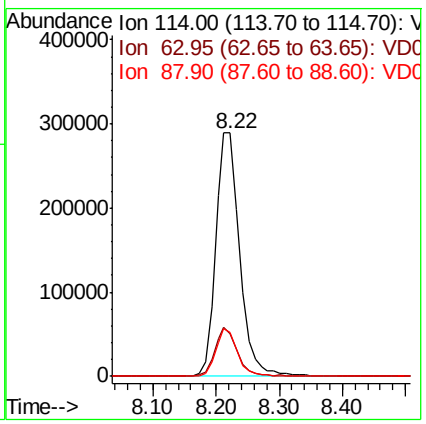


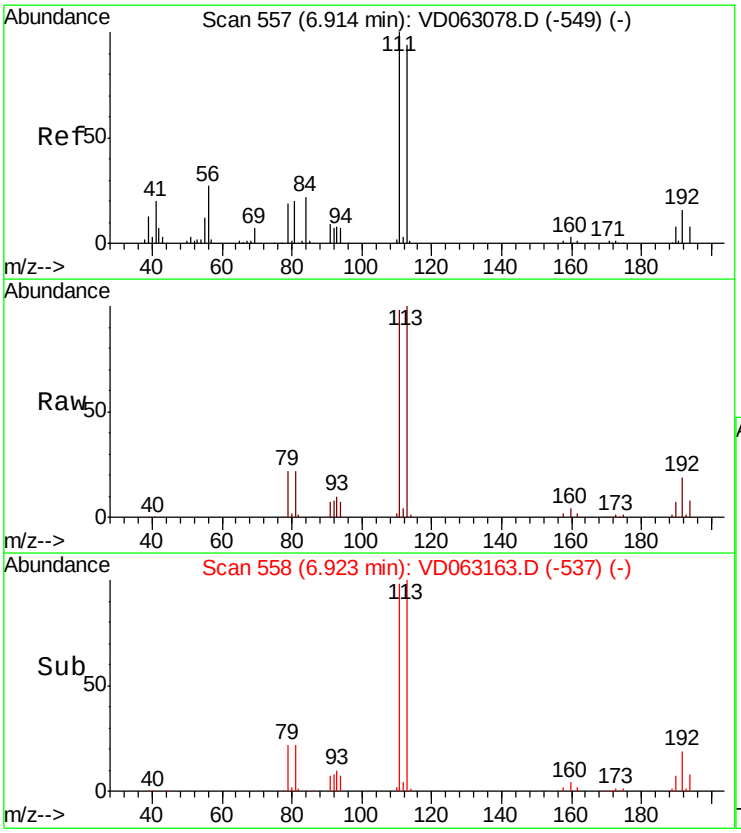
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.22 min Scan# 690
Delta R.T. 0.02 min
Lab File: VD063163.D
Acq: 19 Jul 2019 19:36

Instrument :
MSVOA_D
ClientSampleId :
FK-PS-01-053RE

Tgt Ion:114 Resp: 765952

Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	40.6
88	18.1	0.0	32.6

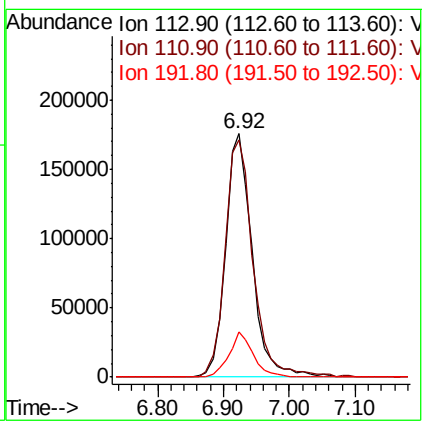


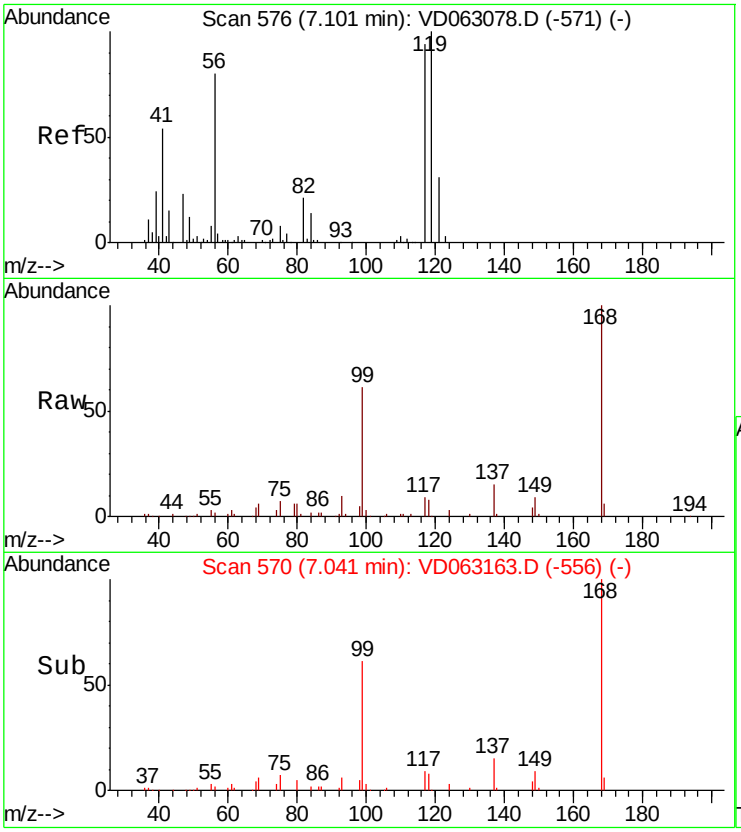


#35
Dibromofluoromethane
Concen: 65.080 ug/l
RT: 6.92 min Scan# 558
Delta R.T. 0.01 min
Lab File: VD063163.D
Acq: 19 Jul 2019 19:36

Tgt Ion:113 Resp: 496496

Ion	Ratio	Lower	Upper
113	100		
111	97.6	84.8	127.2
192	18.6	13.4	20.0



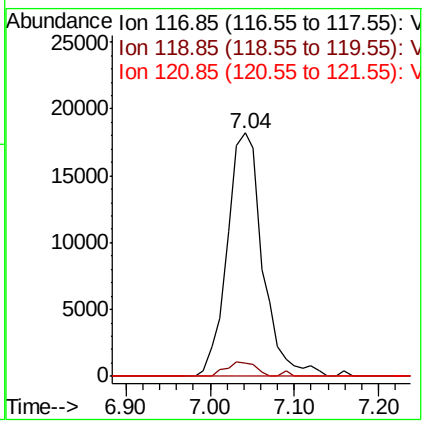


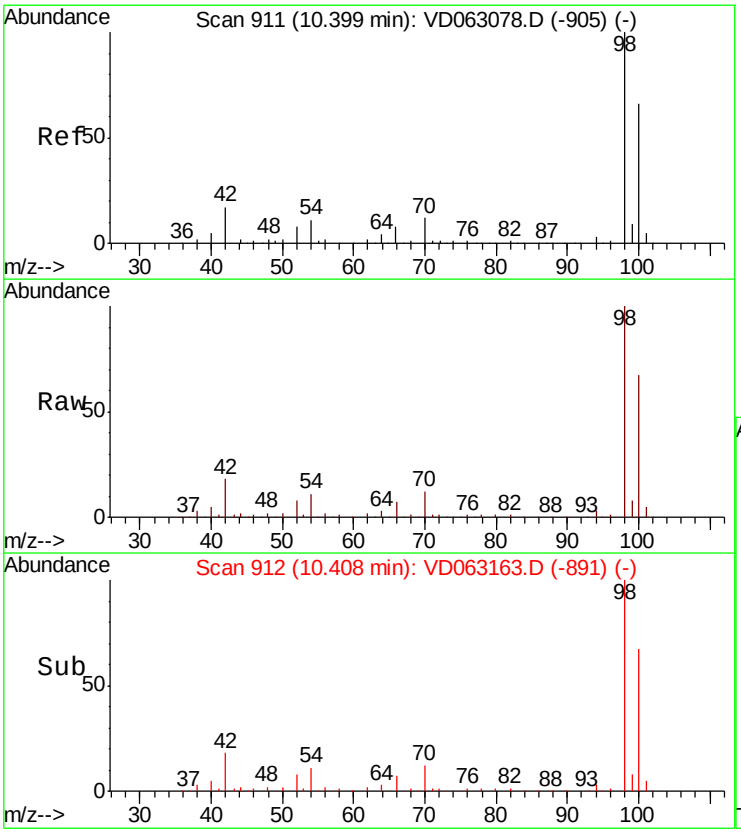
#38
Carbon Tetrachloride
Concen: 4.065 ug/l
RT: 7.04 min Scan# 570
Delta R.T. -0.06 min
Lab File: VD063163.D
Acq: 19 Jul 2019 19:36

Instrument : MSVOA_D
ClientSampleId : FK-PS-01-053RE

Tgt Ion:117 Resp: 53211

Ion	Ratio	Lower	Upper
117	100		
119	5.3	80.0	120.0#
121	0.0	25.0	37.4#

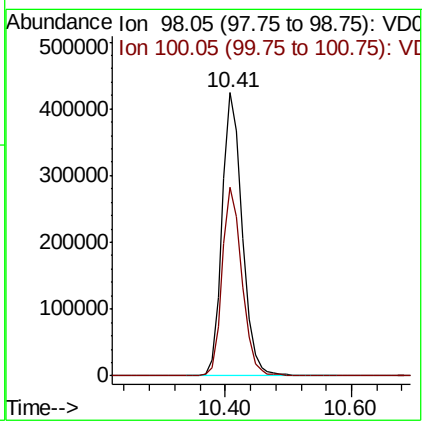


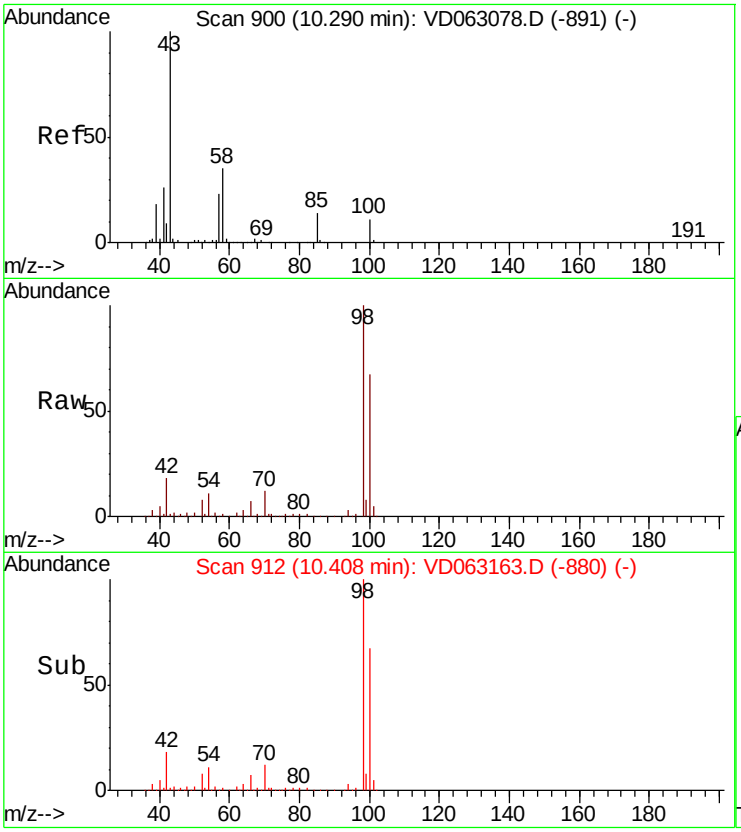


#50
Toluene-d8
Concen: 57.188 ug/l
RT: 10.41 min Scan# 912
Delta R.T. 0.01 min
Lab File: VD063163.D
Acq: 19 Jul 2019 19:36

Tgt Ion: 98 Resp: 937162

Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.5	80.3



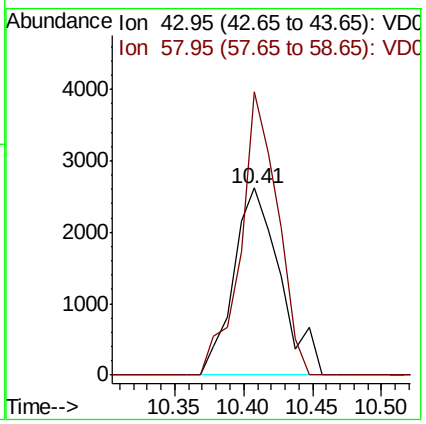


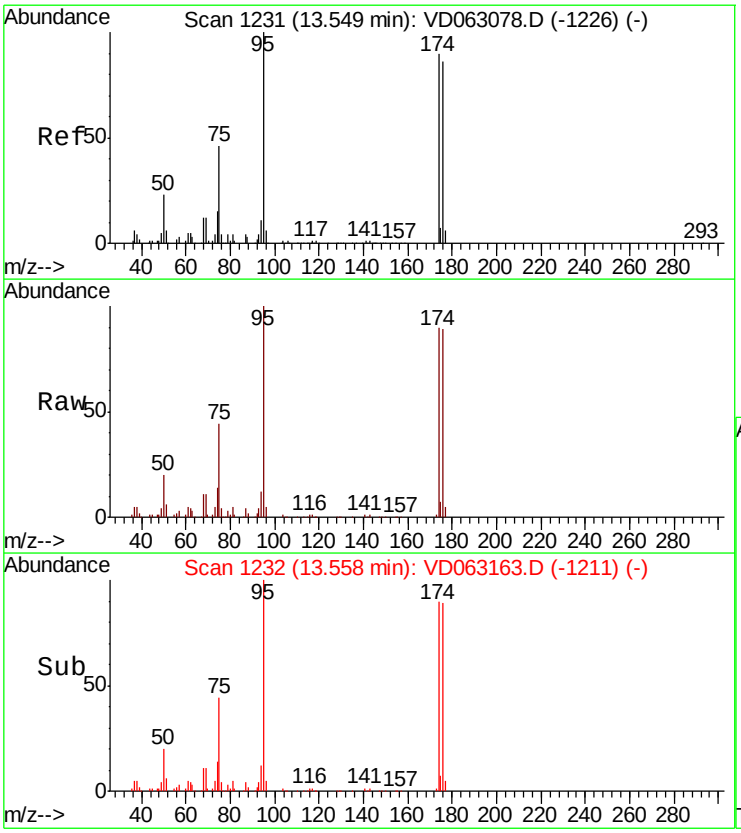
#51
4-Methyl-2-Pentanone
Concen: 1.762 ug/l
RT: 10.41 min Scan# 912
Delta R.T. 0.12 min
Lab File: VD063163.D
Acq: 19 Jul 2019 19:36

Instrument : MSVOA_D
ClientSampleId : FK-PS-01-053RE

Tgt Ion: 43 Resp: 6176

Ion	Ratio	Lower	Upper
43	100		
58	151.2	27.8	41.6#

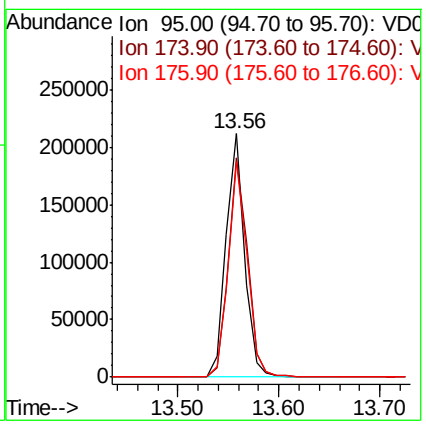


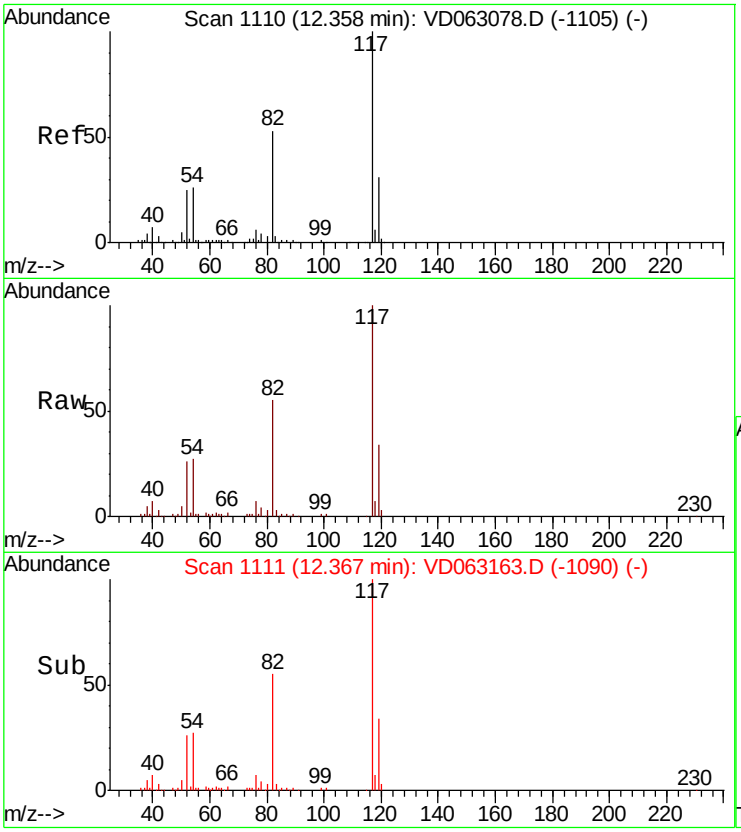


#62
4-Bromofluorobenzene
Concen: 35.342 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. 0.01 min
Lab File: VD063163.D
Acq: 19 Jul 2019 19:36

Tgt Ion: 95 Resp: 267939

Ion	Ratio	Lower	Upper
95	100		
174	89.8	0.0	180.6
176	88.6	0.0	172.2



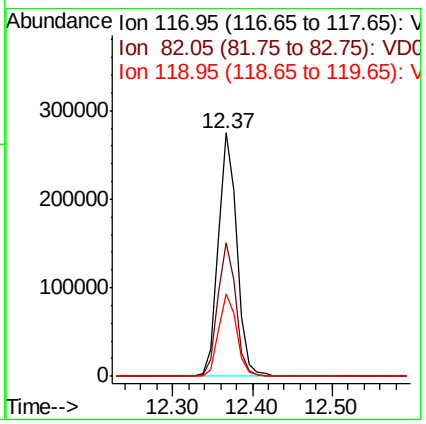


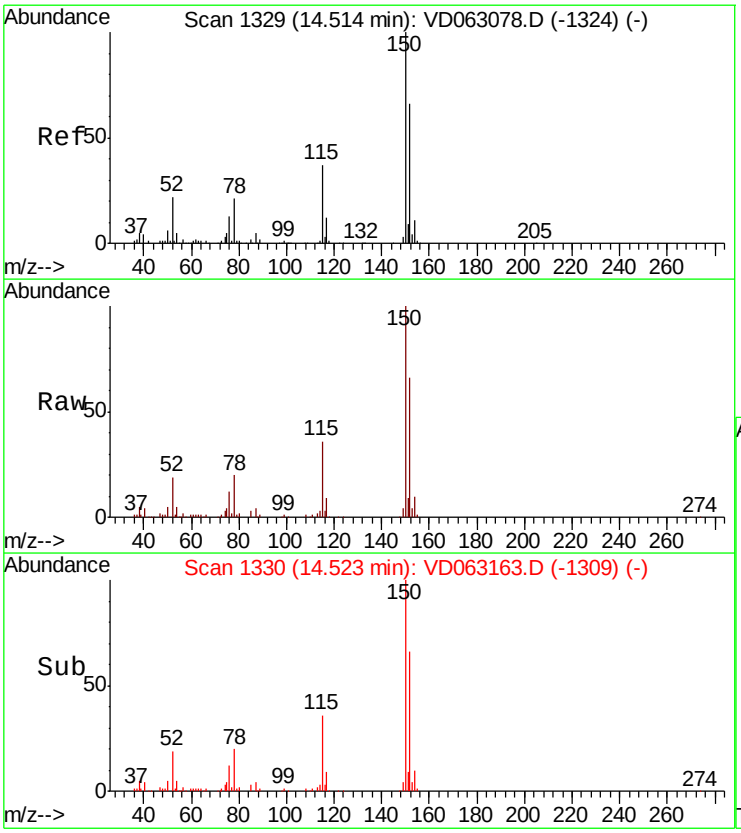
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD063163.D
Acq: 19 Jul 2019 19:36

Instrument : MSVOA_D
ClientSampleId : FK-PS-01-053RE

Tgt Ion:117 Resp: 453828

Ion	Ratio	Lower	Upper
117	100		
82	55.0	42.3	63.5
119	33.7	25.2	37.8

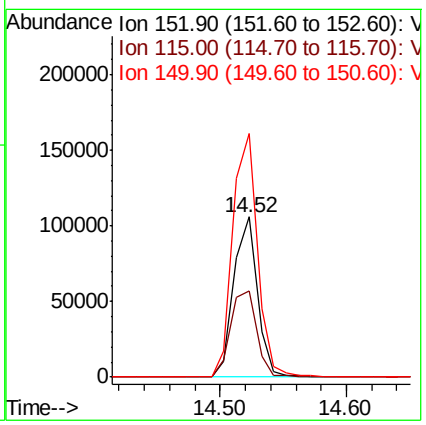


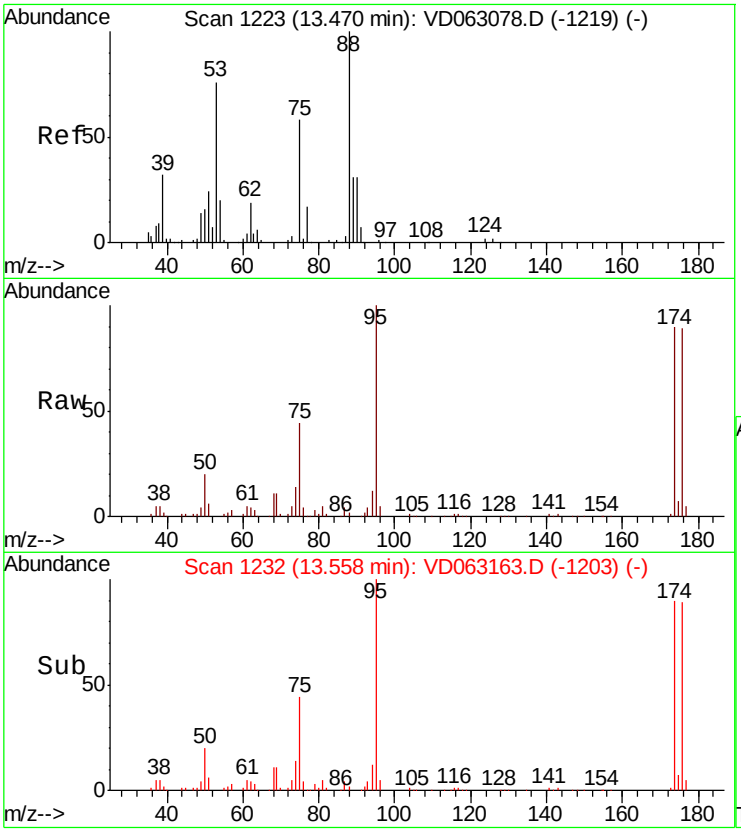


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.01 min
Lab File: VD063163.D
Acq: 19 Jul 2019 19:36

Tgt Ion:152 Resp: 136903

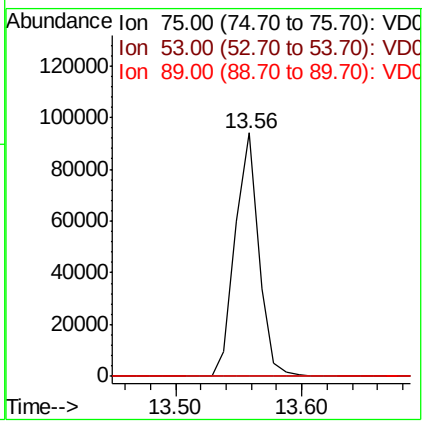
Ion	Ratio	Lower	Upper
152	100		
115	54.0	28.9	86.8
150	151.8	0.0	313.8





#81
trans-1,4-Dichloro-2-butene
Concen: 218.636 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. 0.09 min
Lab File: VD063163.D
Acq: 19 Jul 2019 19:36

Instrument :
MSVOA_D
ClientSampleId :
FK-PS-01-053RE

Tgt Ion: 75 Resp: 121251

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