Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD071619\
Data File : VD063117.D
Acq On : 16 Jul 2019 20:08
Operator : VA/AP
Sample : K3776-04RE
Misc : 4.84g/5ml/MSVOA_D/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : FK-SF-01-006-BRE

Quant Time: Jul 17 07:38:18 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	7.03	168	488451	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	646868	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	446303	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	134344	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	346686	56.98	ug/l	0.00
Spiked Amount 50.000			Recovery = 113.96%			
35) Dibromofluoromethane	6.91	113	106418	16.52	ug/l	0.00
Spiked Amount 50.000			Recovery = 33.04%			
50) Toluene-d8	10.40	98	619257	44.75	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.50%			
62) 4-Bromofluorobenzene	13.55	95	208512	32.57	ug/l	0.00
Spiked Amount 50.000			Recovery = 65.14%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.57	85	924	Below Cal	#	29
3) Chloromethane	1.73	50	975	Below Cal	#	48
5) Bromomethane	2.16	94	2240	Below Cal	#	13
13) Acrolein	3.00	56	268	2.529 ug/l	#	17
16) Acetone	3.22	43	89701	61.037 ug/l		93
18) Methyl Acetate	3.65	43	490	Below Cal	#	63
20) Methylene Chloride	3.80	84	20941	3.772 ug/l		90
36) 1,1-Dichloropropene	7.03	75	35340	4.858 ug/l	#	52
38) Carbon Tetrachloride	7.03	117	47992	4.341 ug/l	#	15
59) 2-Hexanone	11.47	43	3685	1.614 ug/l	#	32
74) N-amyl acetate	13.22	43	3985	1.377 ug/l	#	1
80) 1,3,5-Trimethylbenzene	13.93	105	32350	3.578 ug/l		93
81) trans-1,4-Dichloro-2-buten	13.55	75	96530	177.376 ug/l	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071619\
Data File : VD063117.D
Acq On : 16 Jul 2019 20:08
Operator : VA/AP
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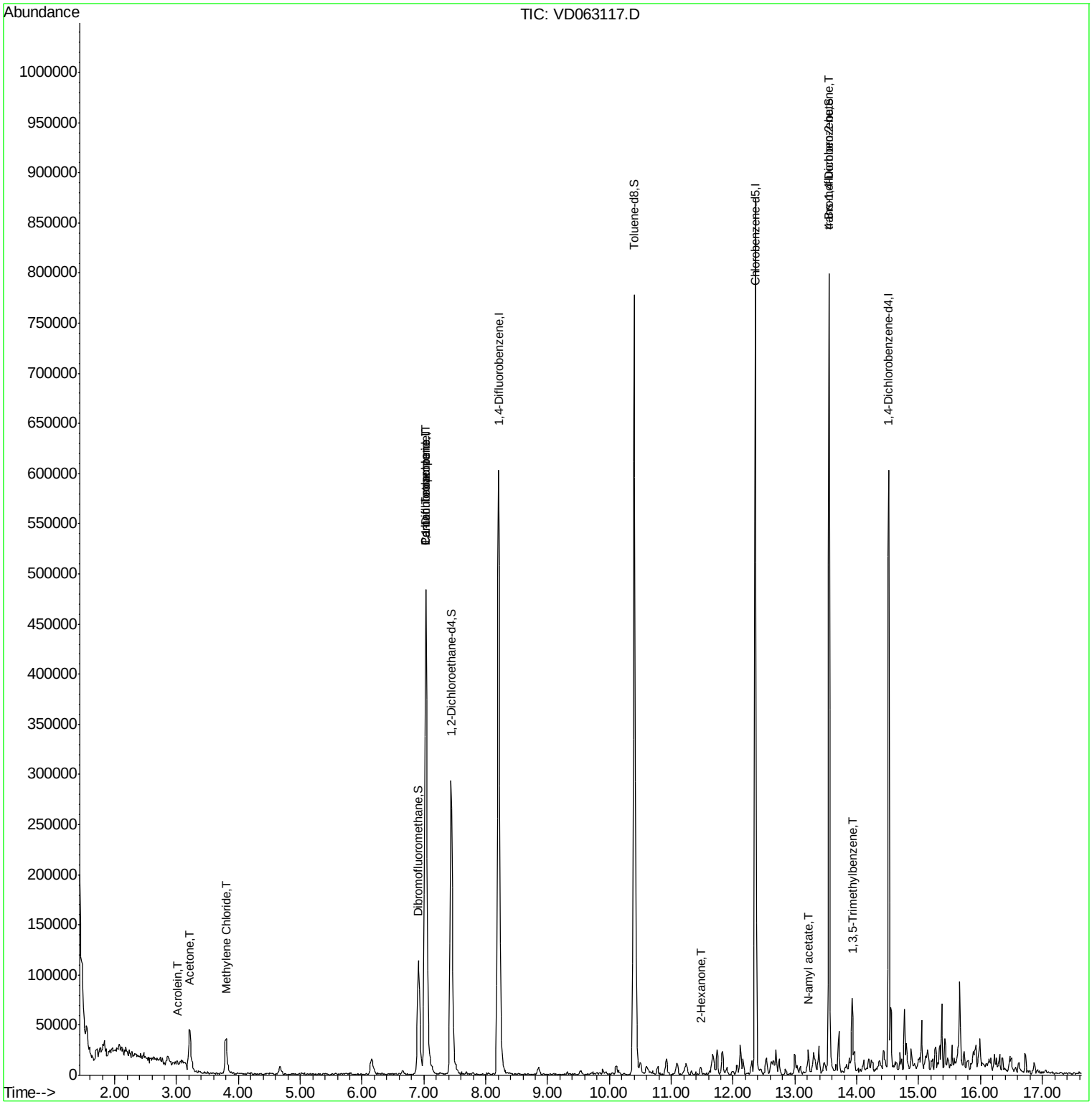
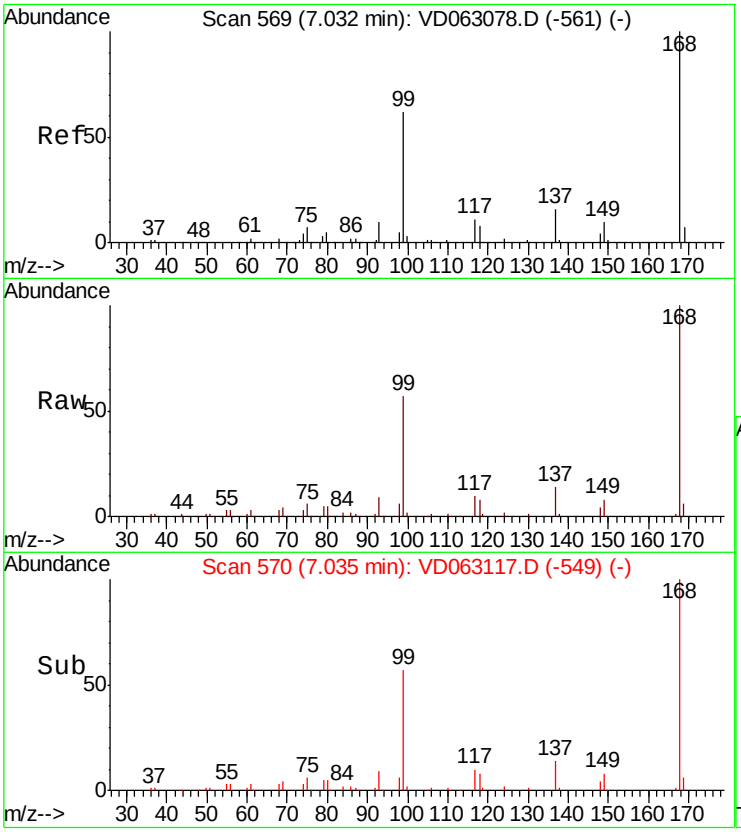
Misc : 4.84g/5ml/MSVOA D/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
FK-SF-01-006-BRE

Quant Time: Jul 17 07:38:18 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



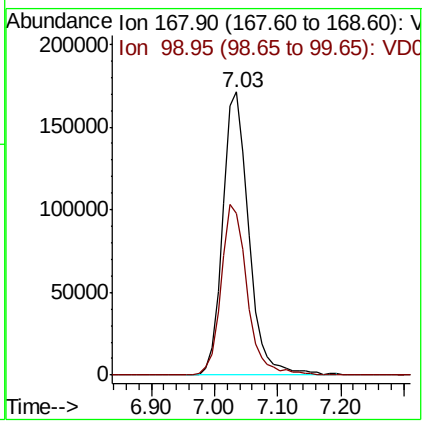


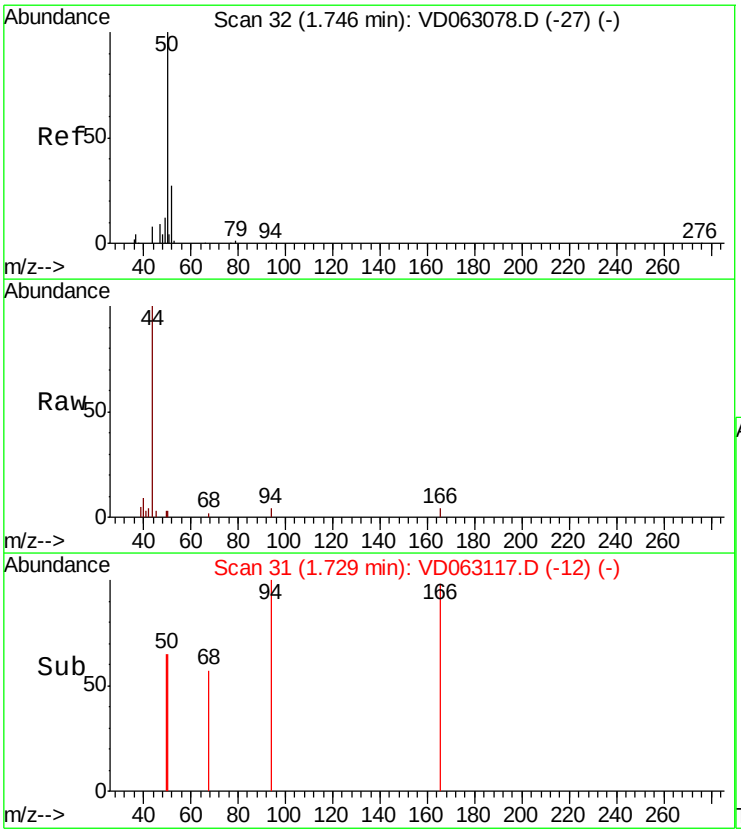
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.03 min Scan# 570
Delta R.T. 0.00 min
Lab File: VD063117.D
Acq: 16 Jul 2019 20:08

Instrument :
MSVOA_D
ClientSampleId :
FK-SF-01-006-BRE

Tgt Ion:168 Resp: 488451

Ion	Ratio	Lower	Upper
168	100		
99	57.3	50.8	76.2

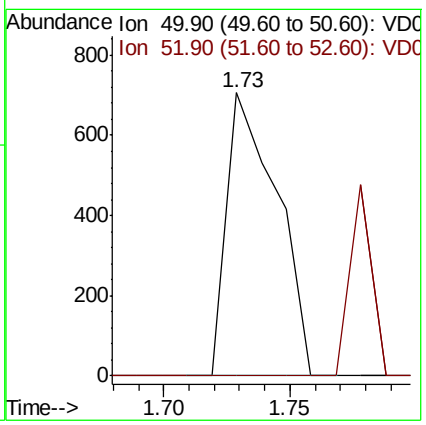


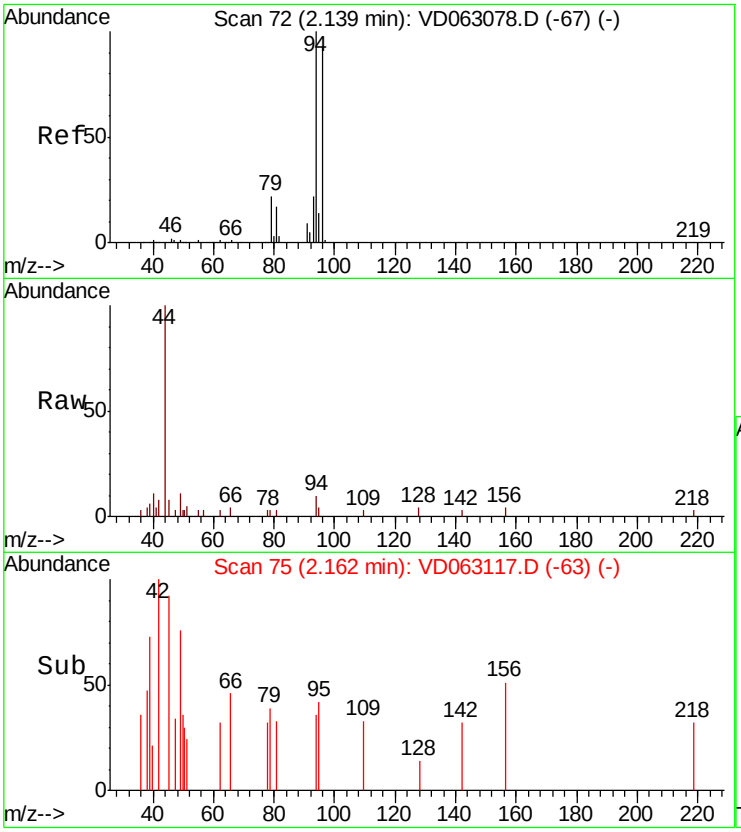


#3
Chloromethane
Concen: Below Cal
RT: 1.73 min Scan# 31
Delta R.T. -0.02 min
Lab File: VD063117.D
Acq: 16 Jul 2019 20:08

Tgt Ion: 50 Resp: 975

Ion	Ratio	Lower	Upper
50	100		
52	0.0	21.4	32.2#



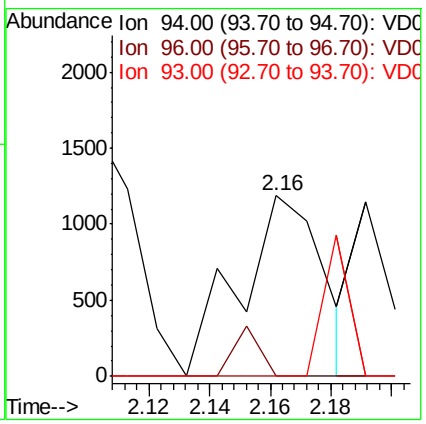


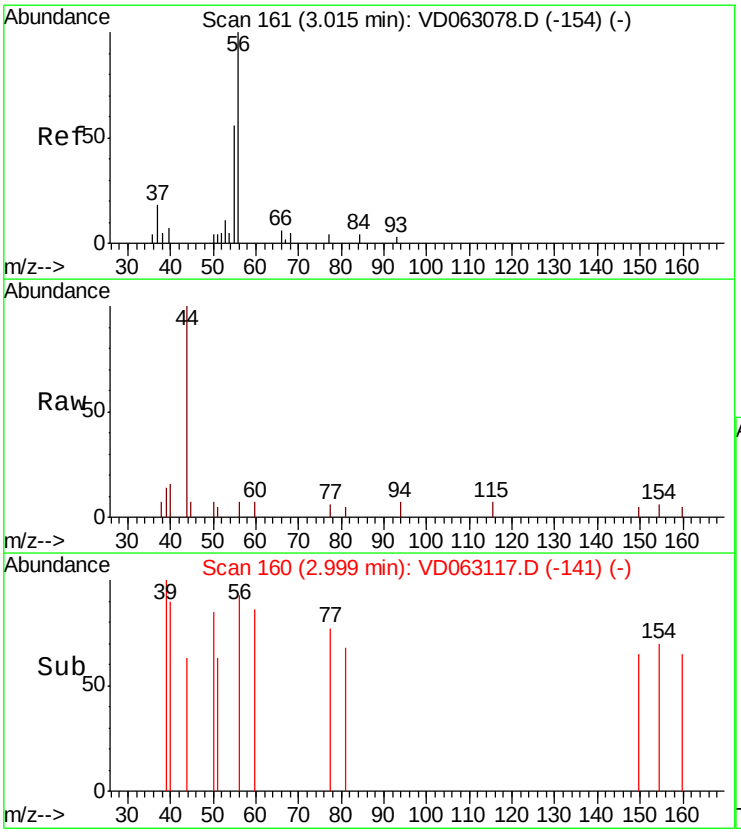
#5
Bromomethane
Concen: Below Cal
RT: 2.16 min Scan# 75
Delta R.T. 0.02 min
Lab File: VD063117.D
Acq: 16 Jul 2019 20:08

Instrument : MSVOA_D
ClientSampleId : FK-SF-01-006-BRE

Tgt Ion: 94 Resp: 2240

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

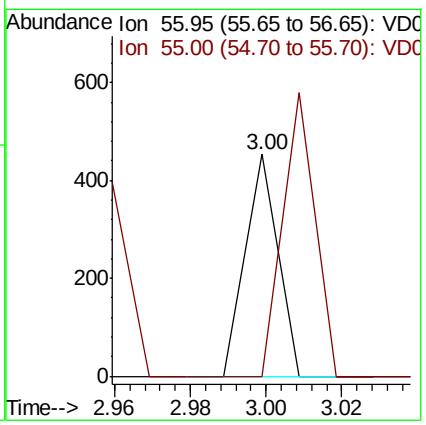


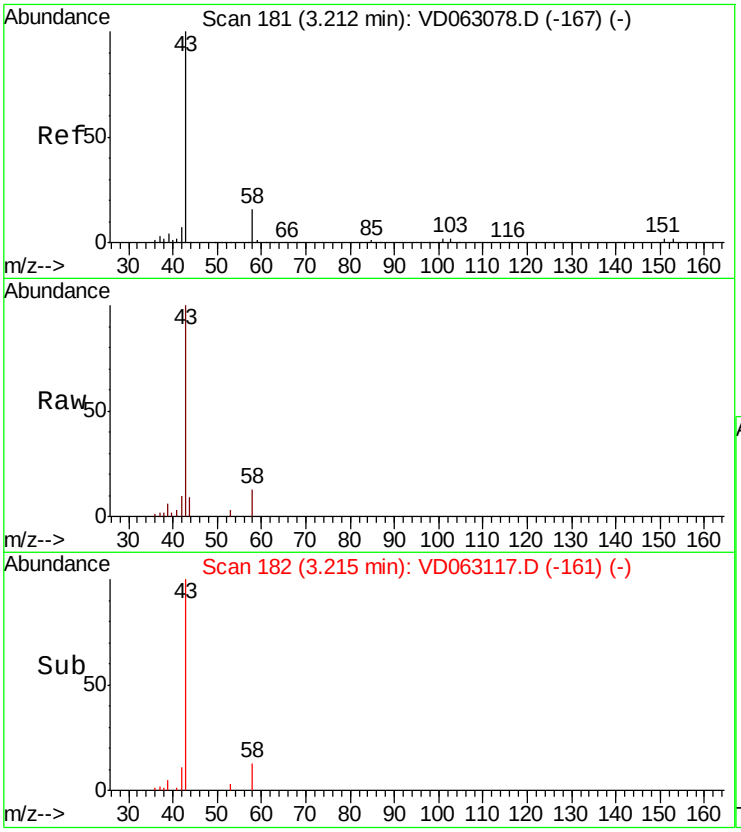


#13
Acrolein
Concen: 2.529 ug/l
RT: 3.00 min Scan# 160
Delta R.T. -0.02 min
Lab File: VD063117.D
Acq: 16 Jul 2019 20:08

Tgt Ion: 56 Resp: 268

Ion	Ratio	Lower	Upper
56	100		
55	0.0	53.0	79.4#



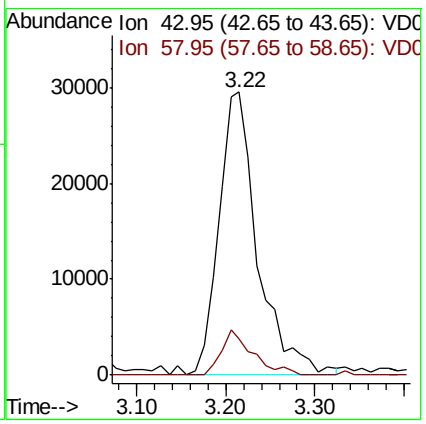


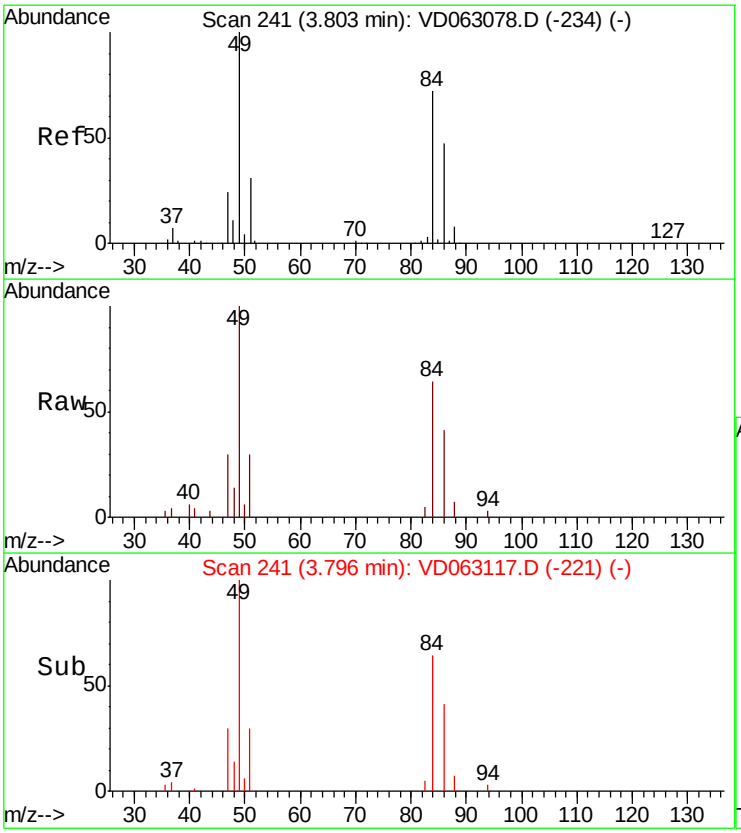
#16
Acetone
Concen: 61.037 ug/l
RT: 3.22 min Scan# 182
Delta R.T. 0.00 min
Lab File: VD063117.D
Acq: 16 Jul 2019 20:08

Instrument : MSVOA_D
ClientSampleId : FK-SF-01-006-BRE

Tgt Ion: 43 Resp: 89701

Ion	Ratio	Lower	Upper
43	100		
58	13.1	13.0	19.4

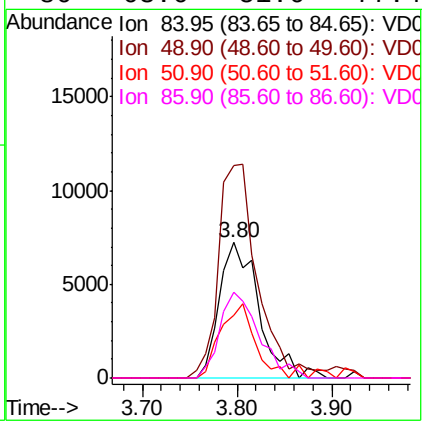


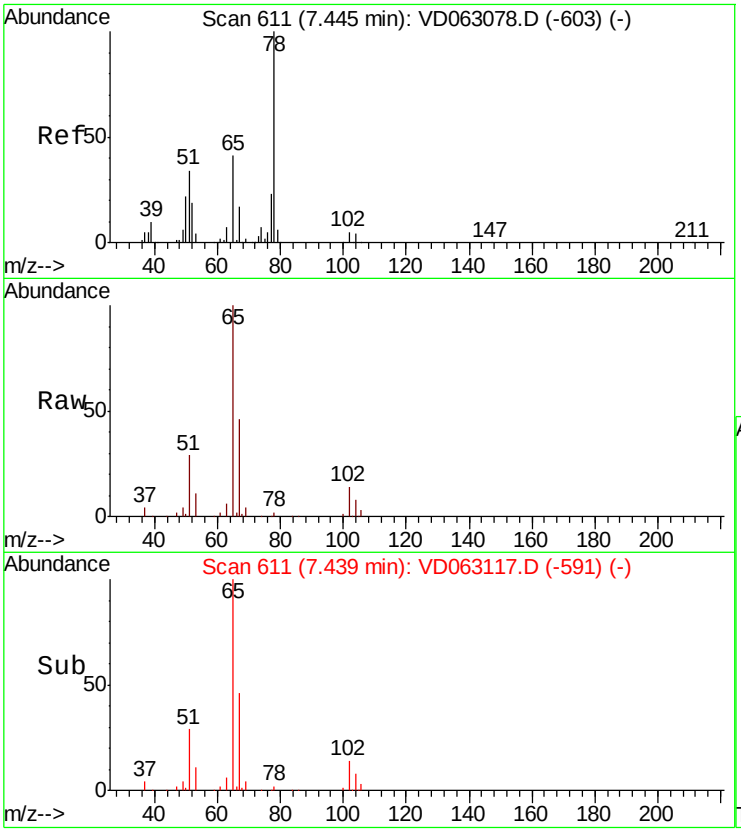


#20
Methylene Chloride
Concen: 3.772 ug/l
RT: 3.80 min Scan# 241
Delta R.T. -0.01 min
Lab File: VD063117.D
Acq: 16 Jul 2019 20:08

Tgt Ion: 84 Resp: 20941

Ion	Ratio	Lower	Upper
84	100		
49	156.2	110.5	165.7
51	46.1	34.6	51.8
86	63.6	51.6	77.4



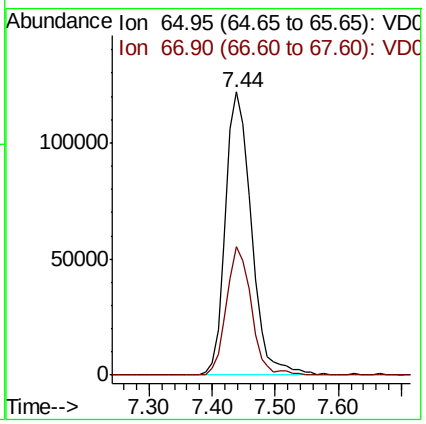


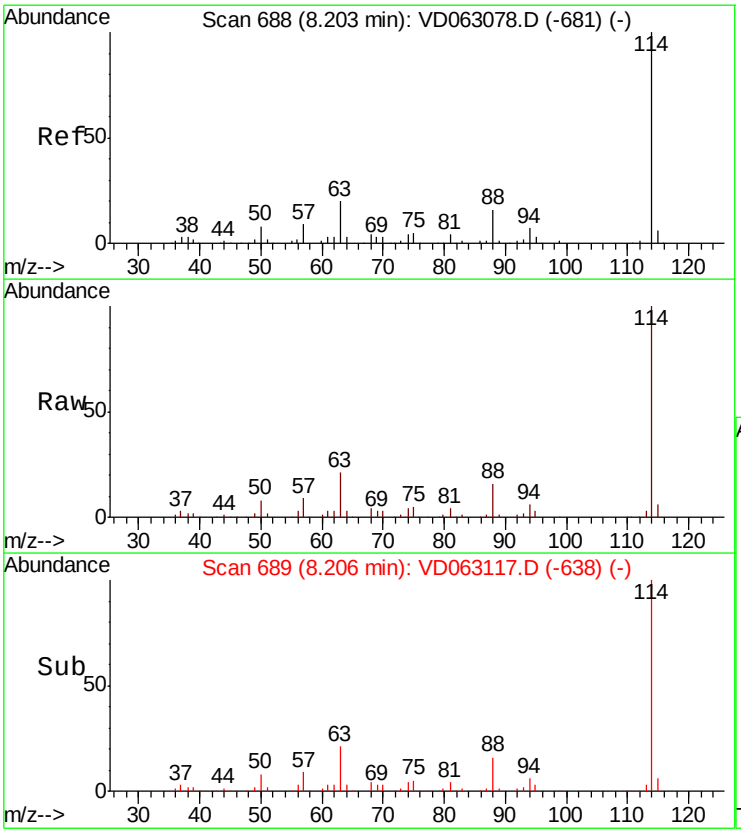
#33
1,2-Dichloroethane-d4
Concen: 56.978 ug/l
RT: 7.44 min Scan# 611
Delta R.T. -0.01 min
Lab File: VD063117.D
Acq: 16 Jul 2019 20:08

Instrument : MSVOA_D
ClientSampleId : FK-SF-01-006-BRE

Tgt Ion: 65 Resp: 346686

Ion	Ratio	Lower	Upper
65	100		
67	45.5	0.0	86.0

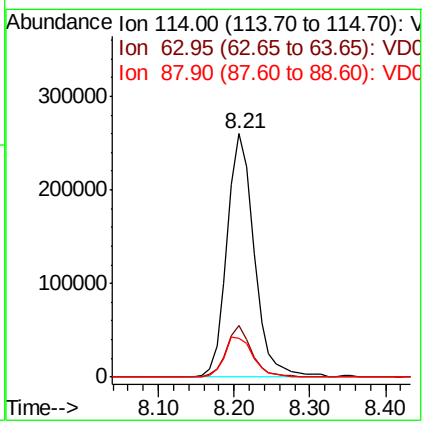


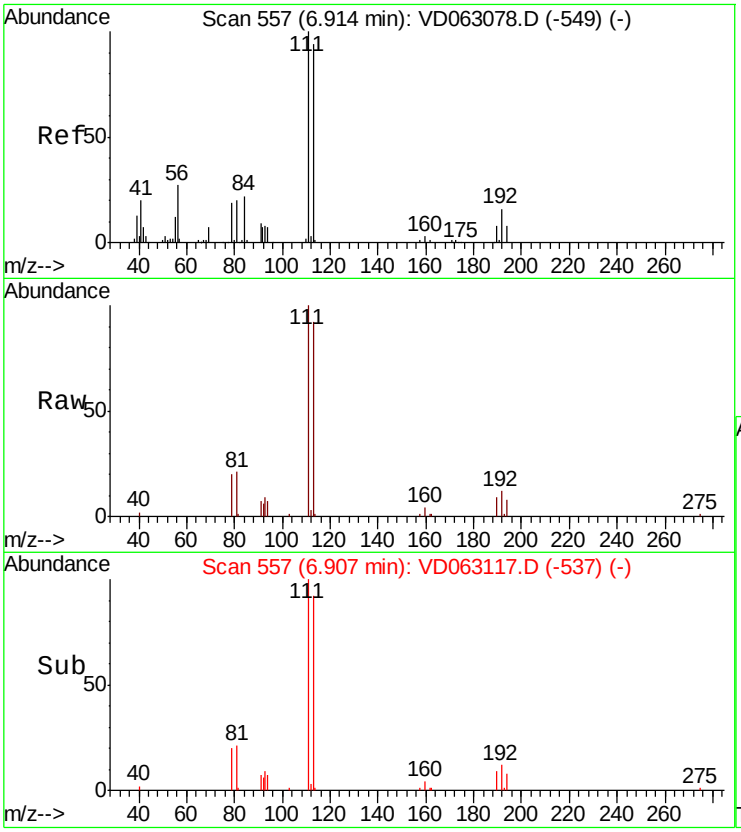


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.21 min Scan# 689
Delta R.T. 0.00 min
Lab File: VD063117.D
Acq: 16 Jul 2019 20:08

Tgt Ion:114 Resp: 646868

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	40.6
88	15.9	0.0	32.6



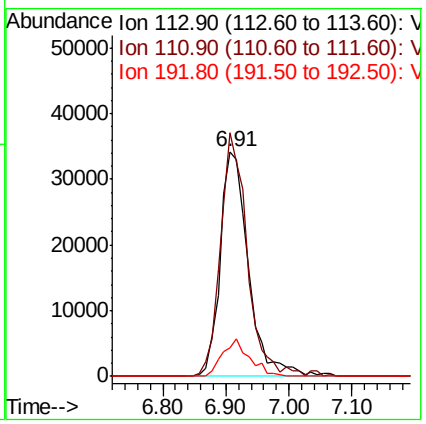


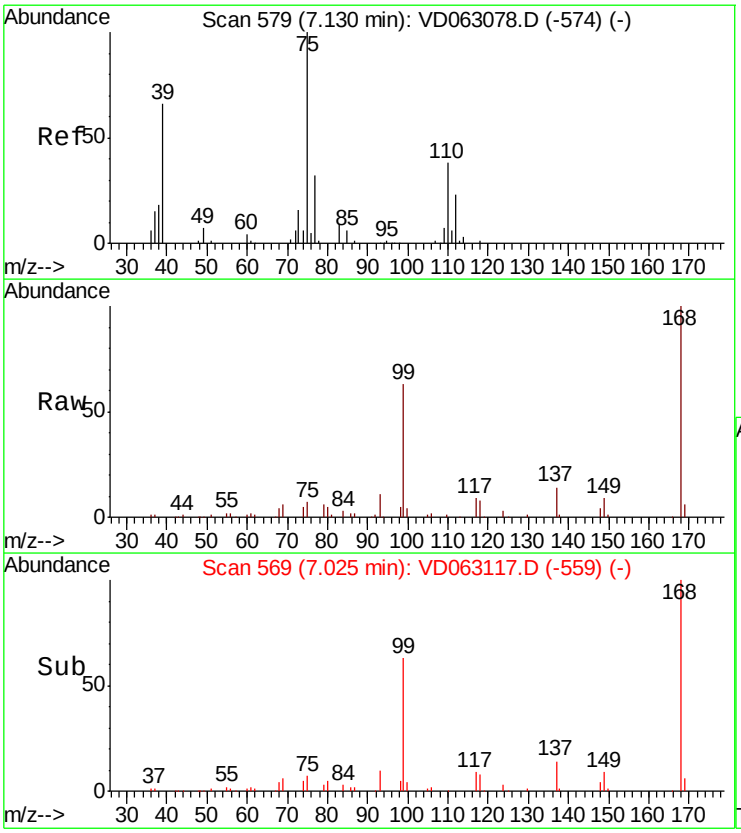
#35
Dibromofluoromethane
Concen: 16.517 ug/l
RT: 6.91 min Scan# 557
Delta R.T. -0.01 min
Lab File: VD063117.D
Acq: 16 Jul 2019 20:08

Instrument :
MSVOA_D
ClientSampleId :
FK-SF-01-006-BRE

Tgt Ion:113 Resp: 106418

Ion	Ratio	Lower	Upper
113	100		
111	108.3	84.8	127.2
192	12.5	13.4	20.0#

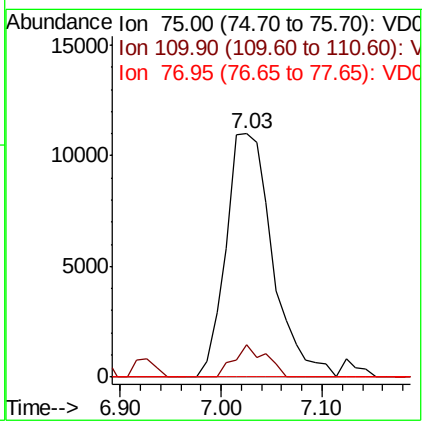


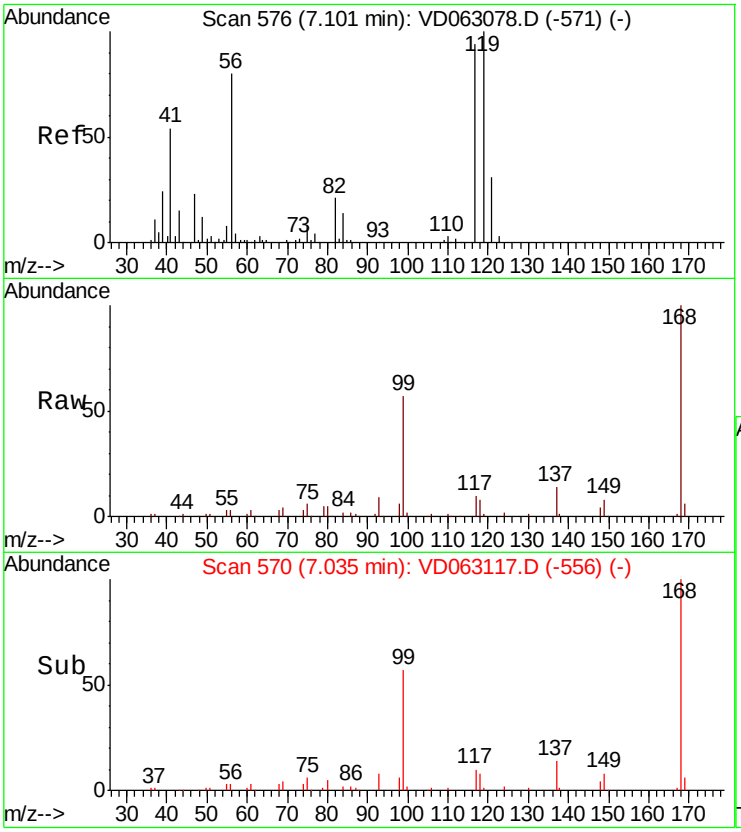


#36
1,1-Dichloropropene
Concen: 4.858 ug/l
RT: 7.03 min Scan# 569
Delta R.T. -0.11 min
Lab File: VD063117.D
Acq: 16 Jul 2019 20:08

Tgt Ion: 75 Resp: 35340

Ion	Ratio	Lower	Upper
75	100		
110	13.1	18.9	56.5#
77	0.0	25.2	37.8#



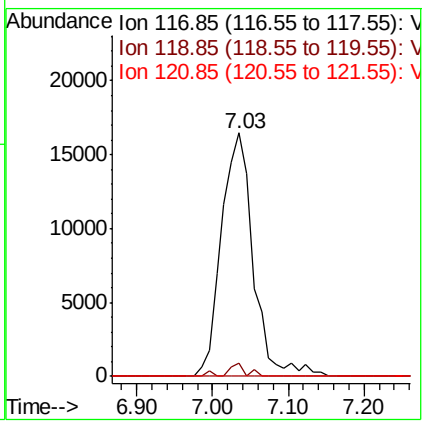


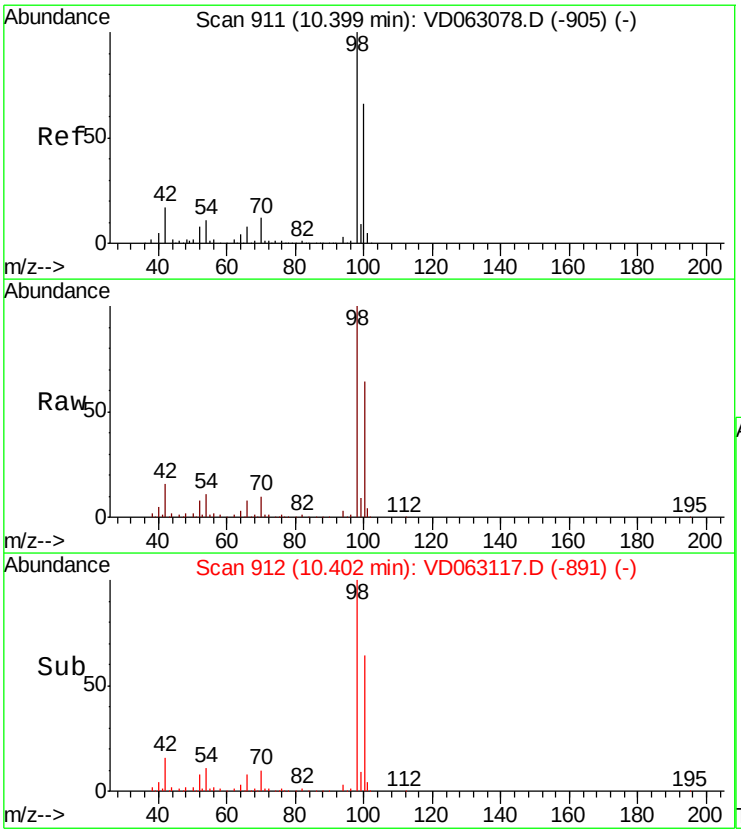
#38
Carbon Tetrachloride
Concen: 4.341 ug/l
RT: 7.03 min Scan# 570
Delta R.T. -0.07 min
Lab File: VD063117.D
Acq: 16 Jul 2019 20:08

Instrument : MSVOA_D
ClientSampleId : FK-SF-01-006-BRE

Tgt Ion:117 Resp: 47992

Ion	Ratio	Lower	Upper
117	100		
119	5.7	80.0	120.0#
121	0.0	25.0	37.4#

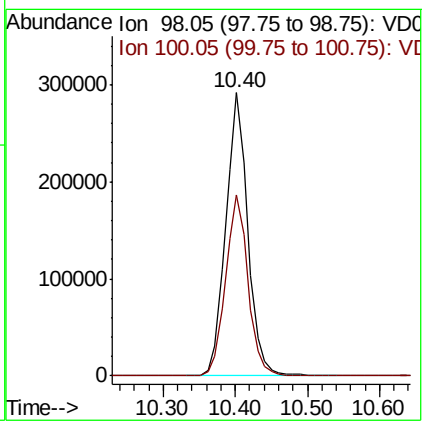


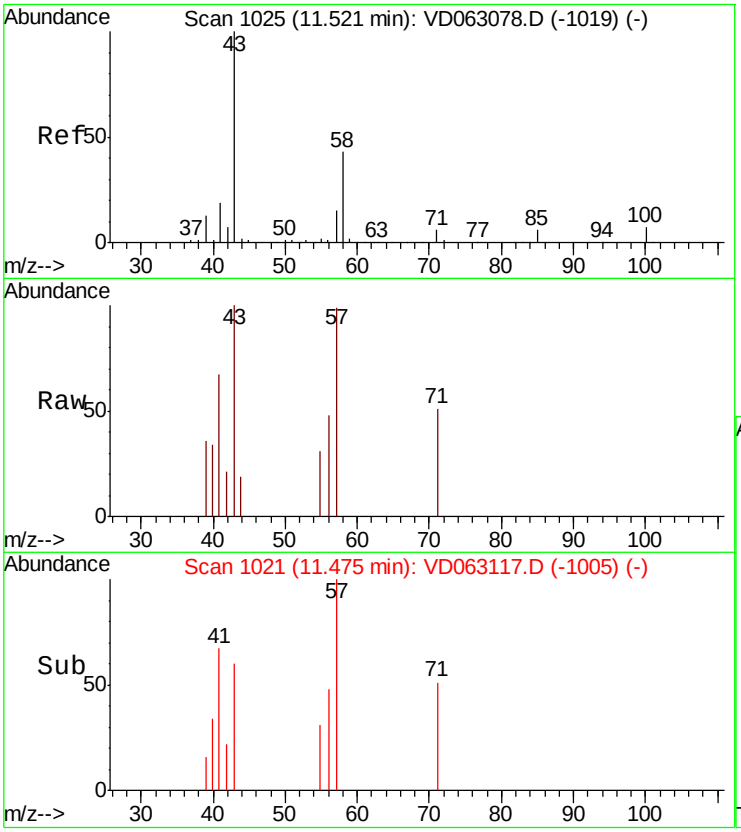


#50
Toluene-d8
Concen: 44.746 ug/l
RT: 10.40 min Scan# 912
Delta R.T. 0.00 min
Lab File: VD063117.D
Acq: 16 Jul 2019 20:08

Tgt Ion: 98 Resp: 619257

Ion	Ratio	Lower	Upper
98	100		
100	63.9	53.5	80.3



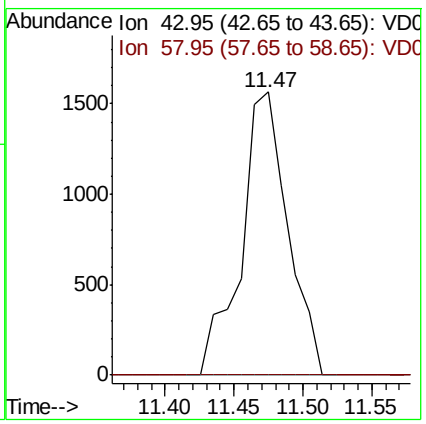


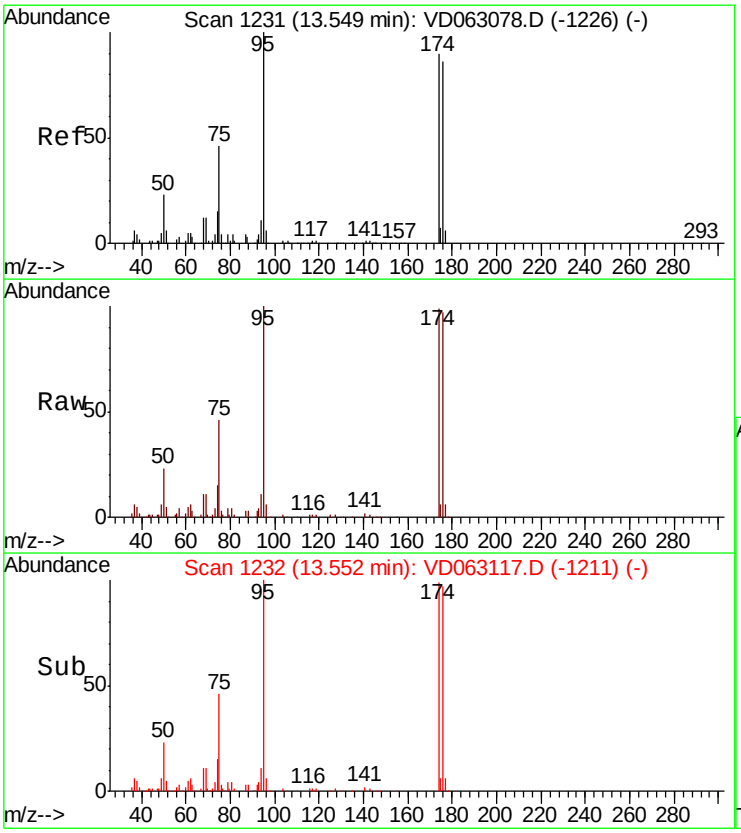
#59
2-Hexanone
Concen: 1.614 ug/l
RT: 11.47 min Scan# 1021
Delta R.T. -0.05 min
Lab File: VD063117.D
Acq: 16 Jul 2019 20:08

Instrument : MSVOA_D
ClientSampleId : FK-SF-01-006-BRE

Tgt Ion: 43 Resp: 3685

Ion	Ratio	Lower	Upper
43	100		
58	0.0	21.7	65.1#

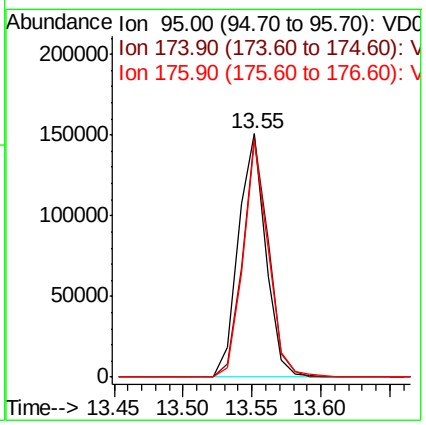


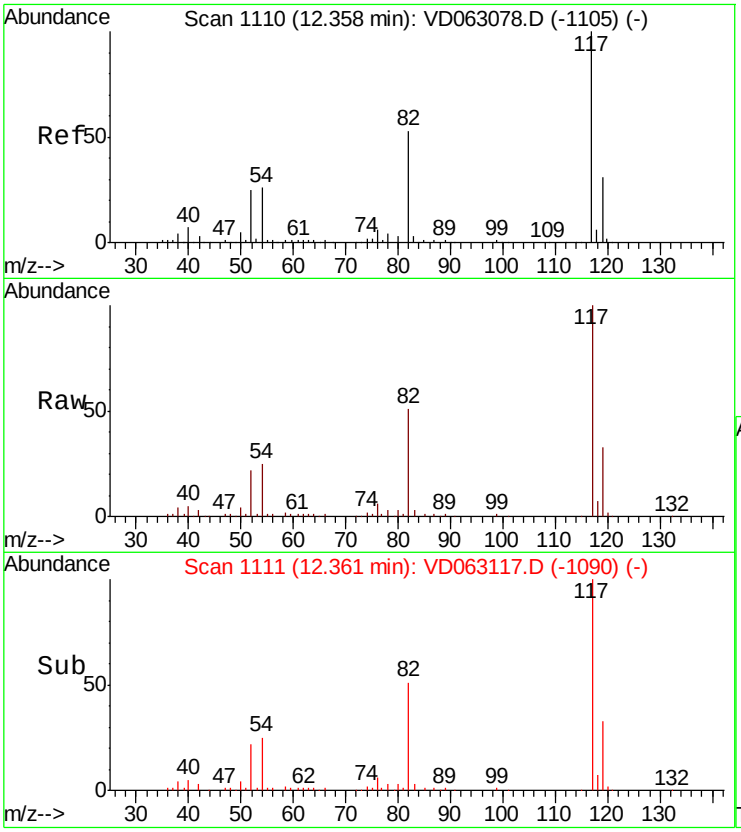


#62
4-Bromofluorobenzene
Concen: 32.566 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD063117.D
Acq: 16 Jul 2019 20:08

Tgt Ion: 95 Resp: 208512

Ion	Ratio	Lower	Upper
95	100		
174	98.6	0.0	180.6
176	96.9	0.0	172.2



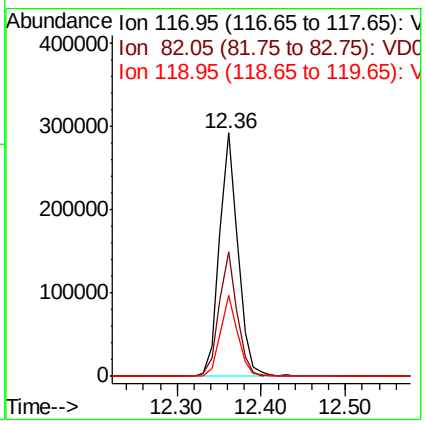


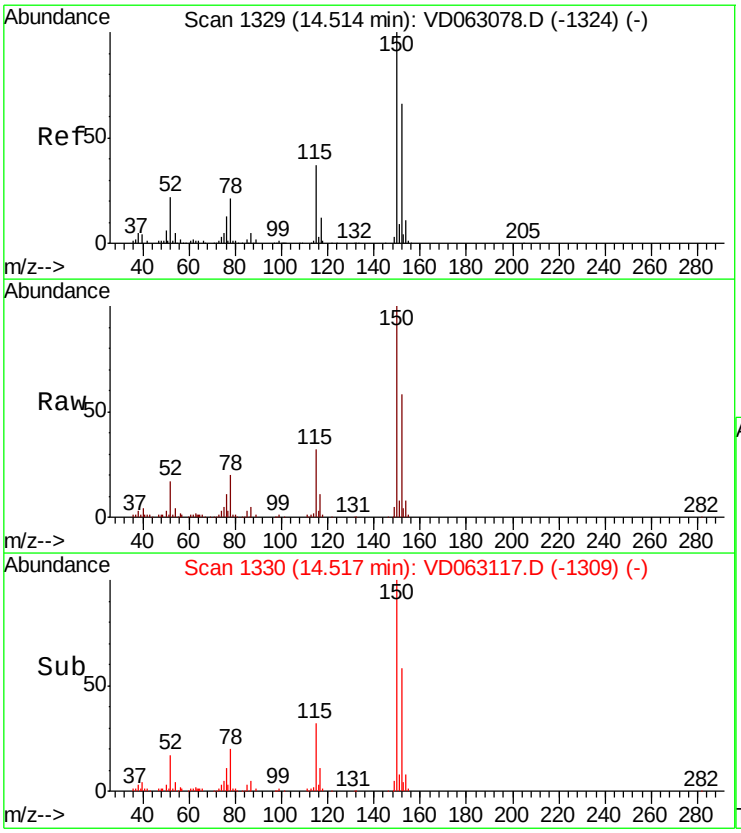
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD063117.D
Acq: 16 Jul 2019 20:08

Instrument : MSVOA_D
ClientSampleId : FK-SF-01-006-BRE

Tgt Ion:117 Resp: 446303

Ion	Ratio	Lower	Upper
117	100		
82	51.2	42.3	63.5
119	33.3	25.2	37.8

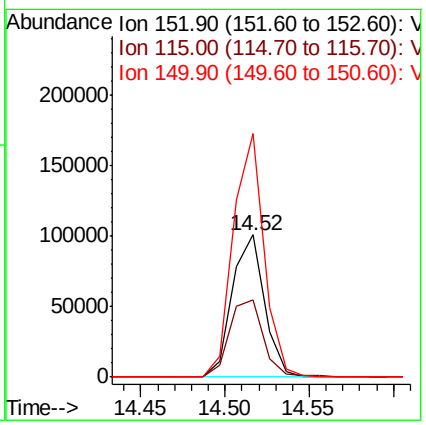


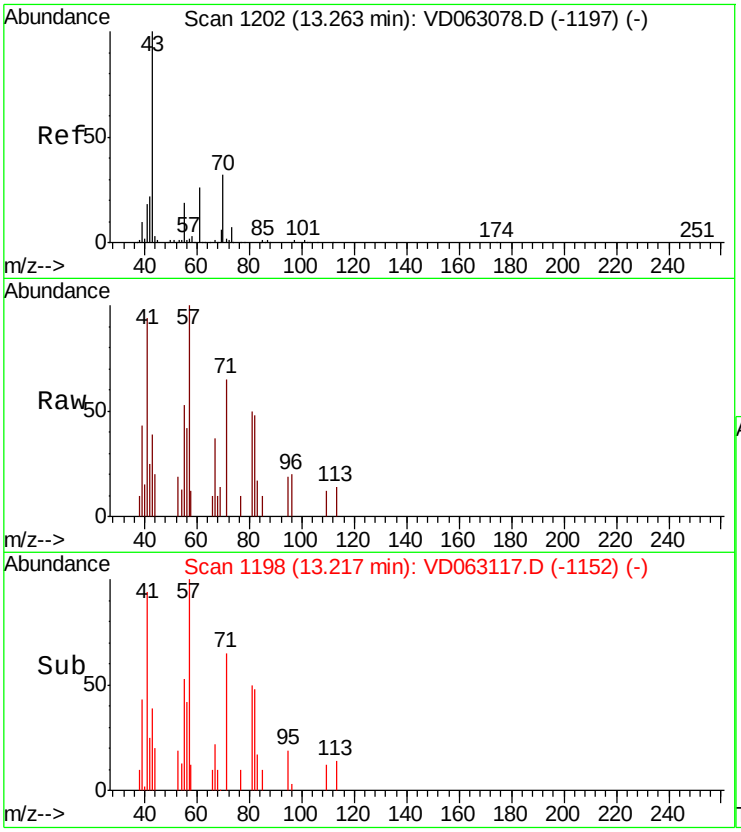


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD063117.D
Acq: 16 Jul 2019 20:08

Tgt Ion:152 Resp: 134344

Ion	Ratio	Lower	Upper
152	100		
115	54.1	28.9	86.8
150	171.3	0.0	313.8



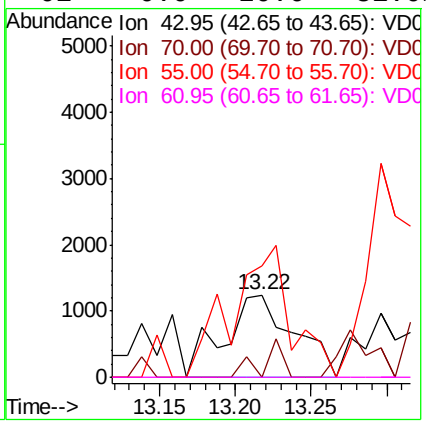


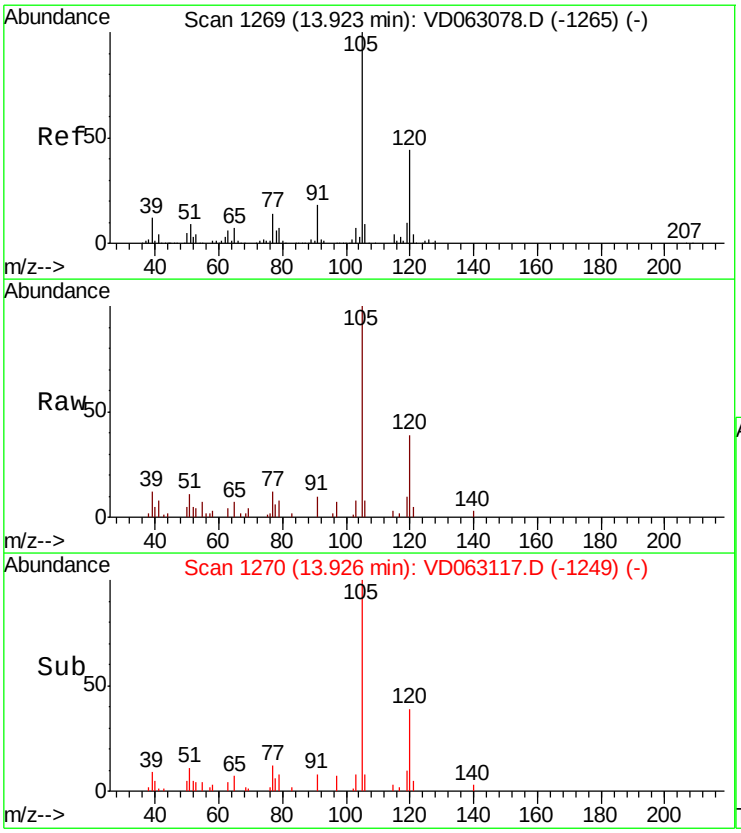
#74
N-amyl acetate
Concen: 1.377 ug/l
RT: 13.22 min Scan# 1198
Delta R.T. -0.05 min
Lab File: VD063117.D
Acq: 16 Jul 2019 20:08

Instrument : MSVOA_D
ClientSampleId : FK-SF-01-006-BRE

Tgt Ion: 43 Resp: 3985

Ion	Ratio	Lower	Upper
43	100		
70	0.0	25.5	38.3#
55	135.3	15.4	23.0#
61	0.0	20.6	31.0#

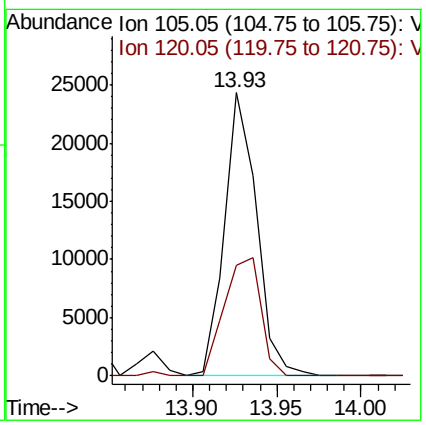


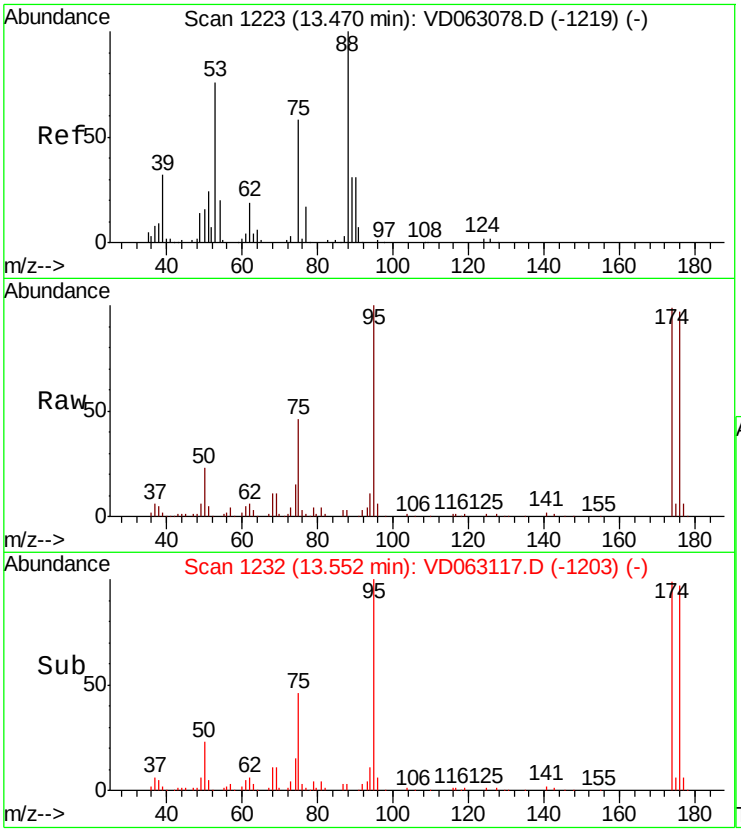


#80
1,3,5-Trimethylbenzene
Concen: 3.578 ug/l
RT: 13.93 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VD063117.D
Acq: 16 Jul 2019 20:08

Tgt Ion:105 Resp: 32350

Ion	Ratio	Lower	Upper
105	100		
120	39.1	21.8	65.4





#81
trans-1,4-Dichloro-2-butene
Concen: 177.376 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.08 min
Lab File: VD063117.D
Acq: 16 Jul 2019 20:08

Instrument :
MSVOA_D
ClientSampleId :
FK-SF-01-006-BRE

Tgt Ion: 75 Resp: 96530

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