Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD030419\
Data File : VD060926.D
Acq On : 4 Mar 2019 16:27
Operator : VA/AP
Sample : K1670-04RE
Misc : 6.94g/5ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : FK-GF-02-032-B

Quant Time: Mar 05 01:33:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030119S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 02 01:28:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	585205	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.24	114	995740	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.38	117	736088	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	284797	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.48	65	207022	42.79	ug/l	0.03
Spiked Amount 50.000			Recovery = 85.58%			
35) Dibromofluoromethane	6.94	113	360228	45.13	ug/l	0.03
Spiked Amount 50.000			Recovery = 90.26%			
50) Toluene-d8	10.43	98	893472	44.98	ug/l	0.03
Spiked Amount 50.000			Recovery = 89.96%			
62) 4-Bromofluorobenzene	13.57	95	325110	43.31	ug/l	0.02
Spiked Amount 50.000			Recovery = 86.62%			
Target Compounds						Qvalue
10) Methyl Iodide	3.33	142	724	4.800	ug/l #	40
11) Tert butyl alcohol	4.02	59	3583	9.937	ug/l #	77
16) Acetone	3.24	43	49369	30.563	ug/l	91
20) Methylene Chloride	3.84	84	112510	11.909	ug/l	94
29) Tetrahydrofuran	6.48	42	1511	1.465	ug/l #	43
36) 1,1-Dichloropropene	7.06	75	40998	4.478	ug/l #	46
37) Ethyl Acetate	6.17	43	5236	1.113	ug/l #	13
38) Carbon Tetrachloride	7.07	117	52560	5.344	ug/l #	15
69) o-Xylene	13.06	106	12007	1.341	ug/l	92
76) 1,2,3-Trichloropropane	13.57	75	104678	22.684	ug/l #	45
81) trans-1,4-Dichloro-2-buten	13.57	75	114813	84.071	ug/l #	20
89) n-Butylbenzene	14.79	91	12391	Below Cal	#	1

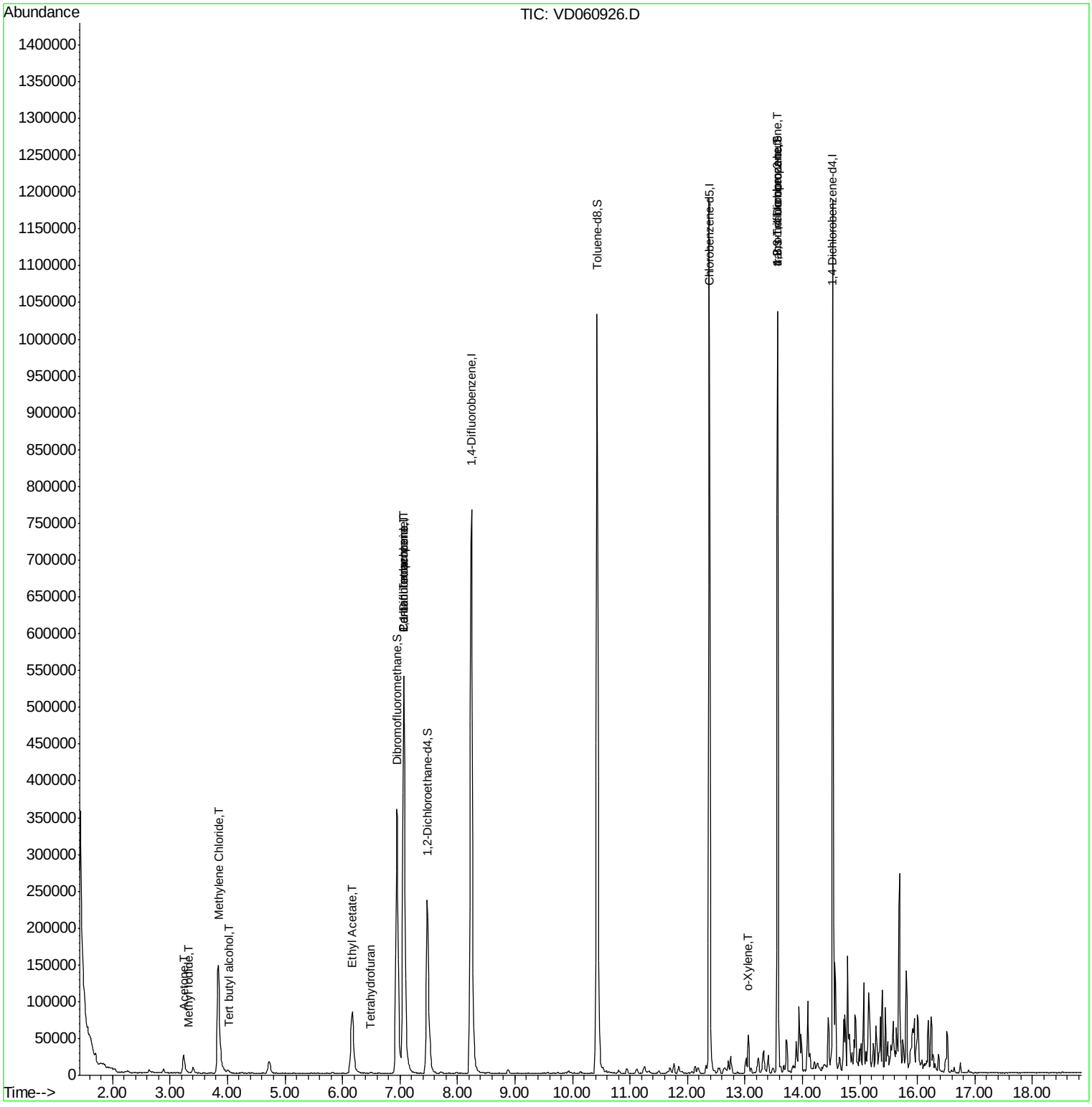
(#) = qualifier out of range (m) = manual integration (+) = signals summed

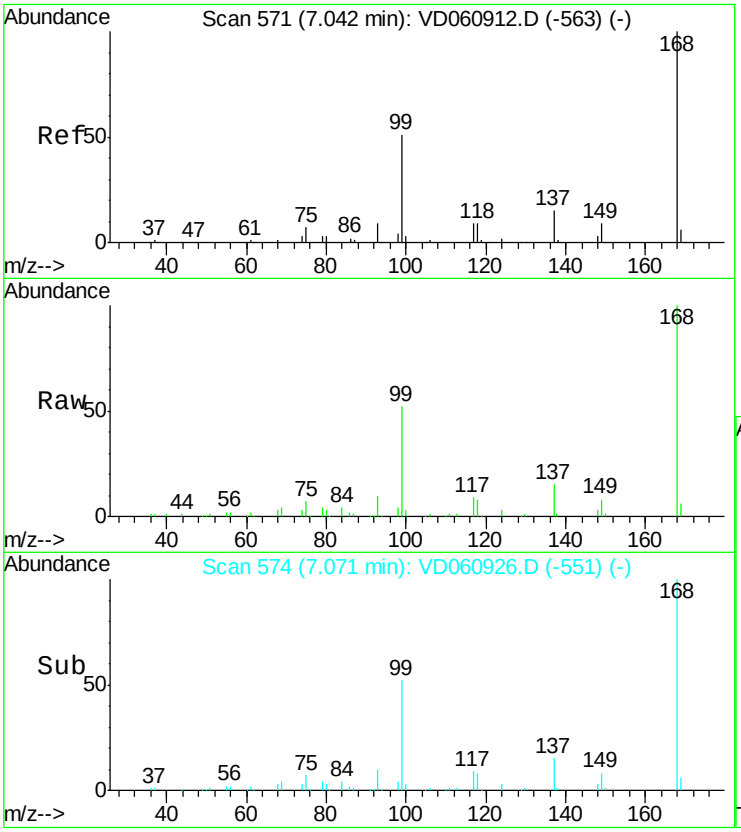
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030419\
Data File : VD060926.D
Acq On : 4 Mar 2019 16:27
Operator : VA/AP
Sample : K1670-04RE
Misc : 6.94g/5ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-032-B

Quant Time: Mar 05 01:33:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030119S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 02 01:28:28 2019
Response via : Initial Calibration



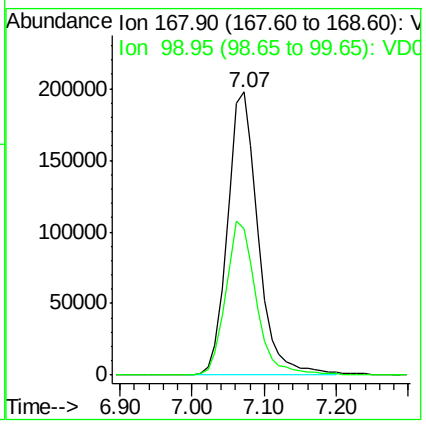


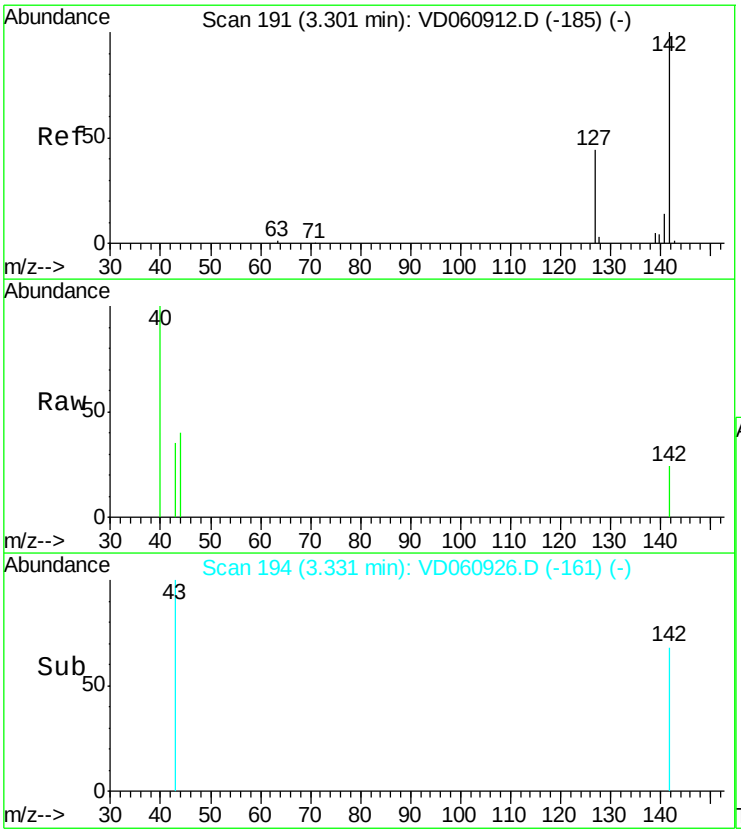
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.07 min Scan# 574
Delta R.T. 0.03 min
Lab File: VD060926.D
Acq: 4 Mar 2019 16:27

Instrument : MSVOA_D
ClientSampleId : FK-GF-02-032-B

Tgt Ion:168 Resp: 585205

Ion	Ratio	Lower	Upper
168	100		
99	51.9	41.5	62.3

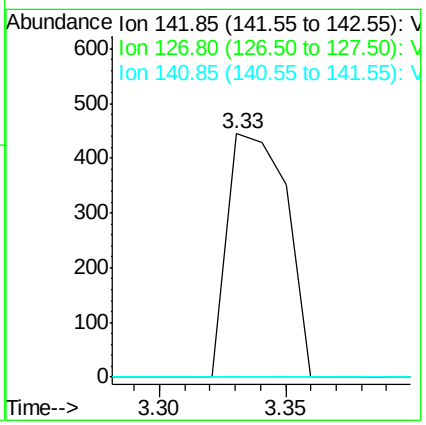


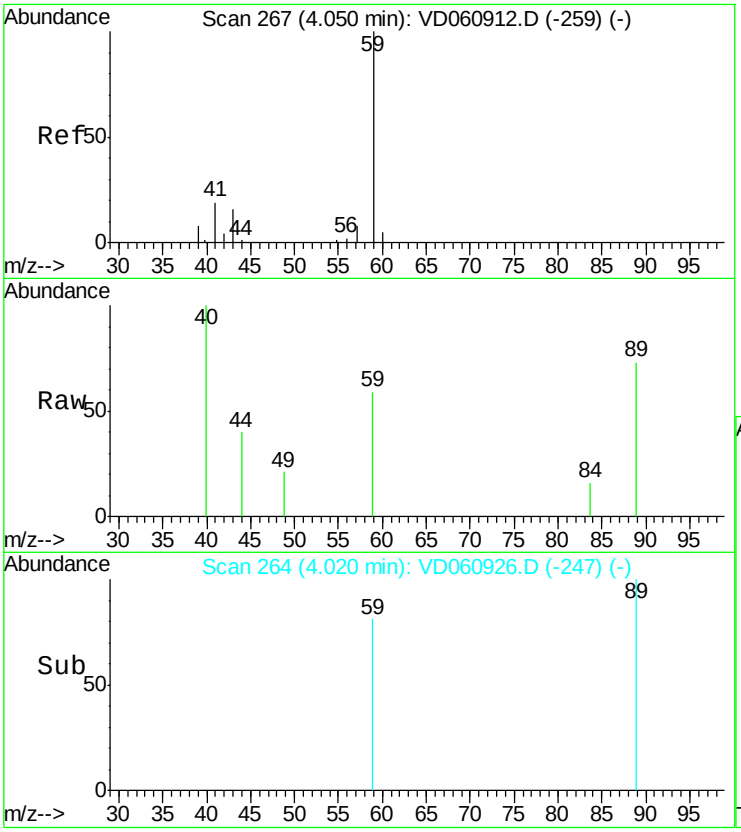


#10
Methyl Iodide
Concen: 4.800 ug/l
RT: 3.33 min Scan# 194
Delta R.T. 0.03 min
Lab File: VD060926.D
Acq: 4 Mar 2019 16:27

Tgt Ion:142 Resp: 724

Ion	Ratio	Lower	Upper
142	100		
127	0.0	35.0	52.6#
141	0.0	11.0	16.4#



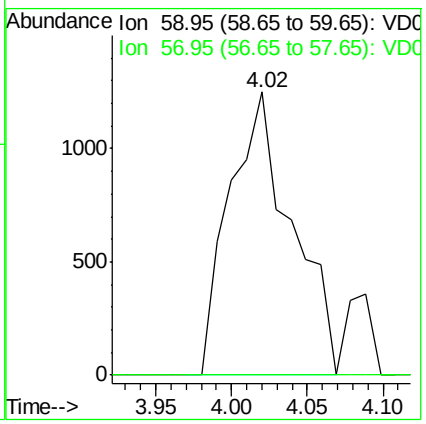


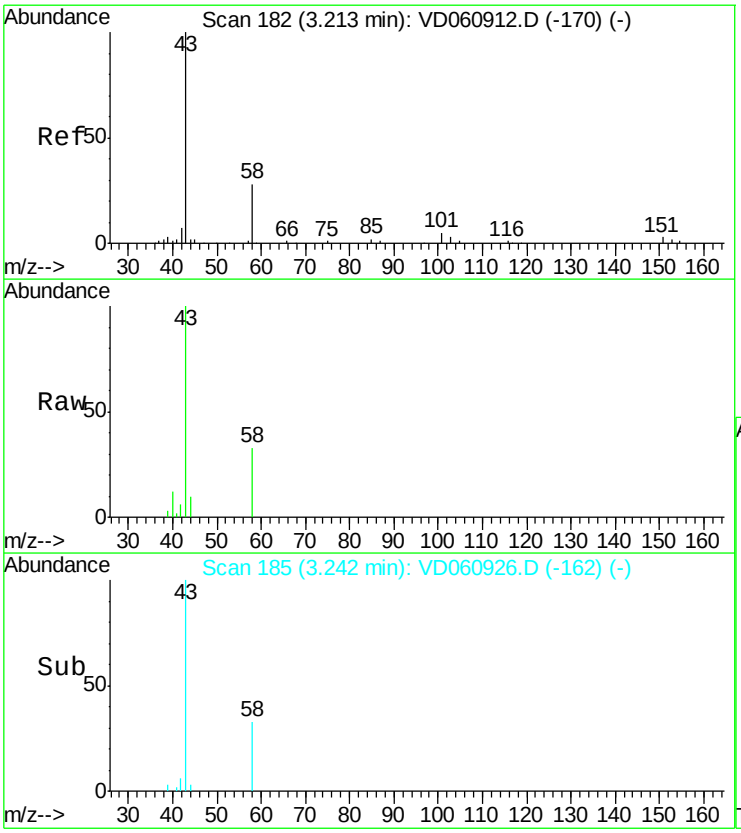
#11
Tert butyl alcohol
Concen: 9.937 ug/l
RT: 4.02 min Scan# 264
Delta R.T. -0.03 min
Lab File: VD060926.D
Acq: 4 Mar 2019 16:27

Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-032-B

Tgt Ion: 59 Resp: 3583

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.5	9.7#

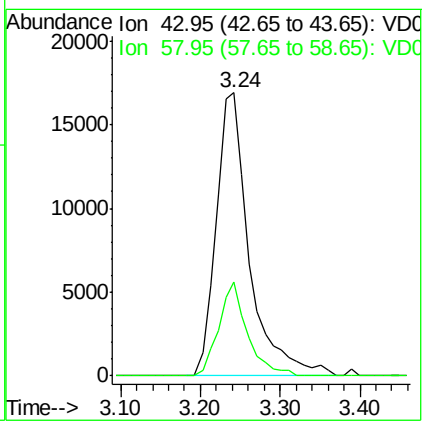


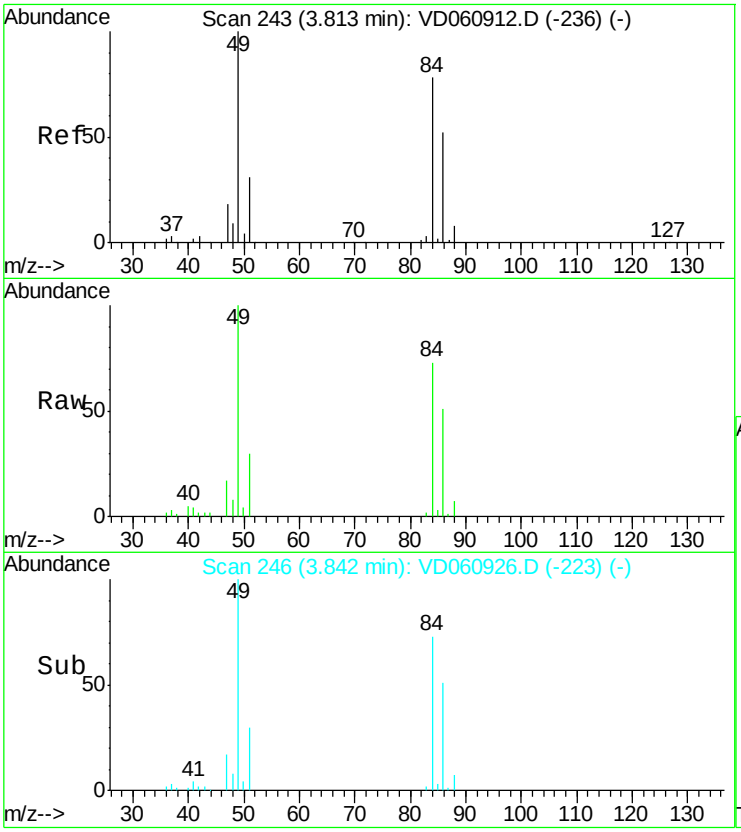


#16
Acetone
Concen: 30.563 ug/l
RT: 3.24 min Scan# 185
Delta R.T. 0.03 min
Lab File: VD060926.D
Acq: 4 Mar 2019 16:27

Tgt Ion: 43 Resp: 49369

Ion	Ratio	Lower	Upper
43	100		
58	33.3	22.8	34.2



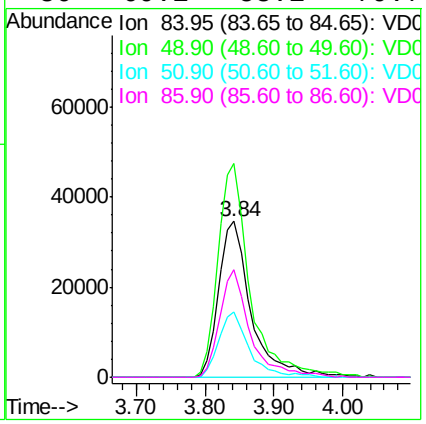


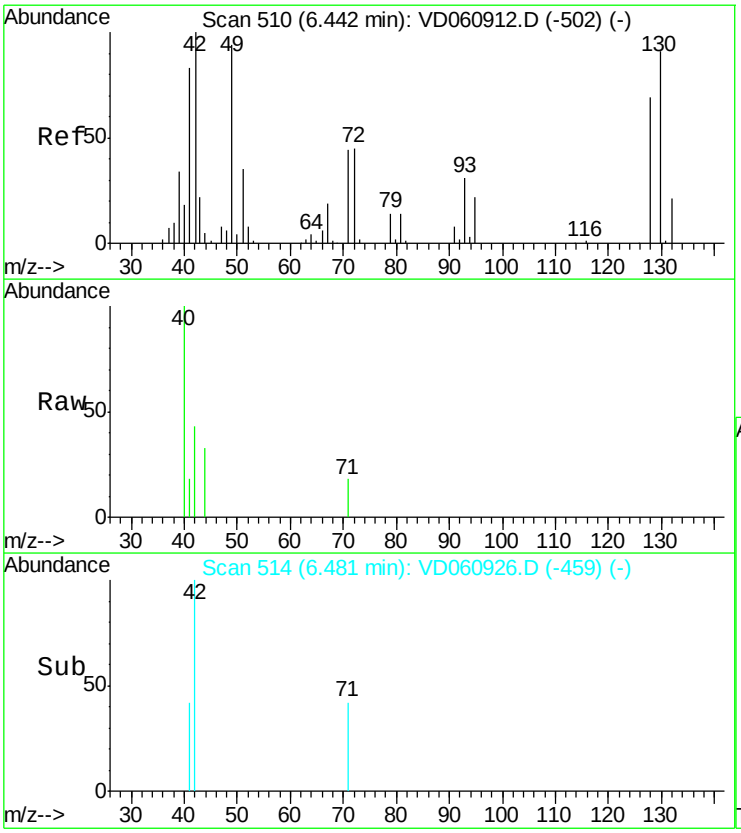
#20
Methylene Chloride
Concen: 11.909 ug/l
RT: 3.84 min Scan# 246
Delta R.T. 0.03 min
Lab File: VD060926.D
Acq: 4 Mar 2019 16:27

Instrument : MSVOA_D
ClientSampleId : FK-GF-02-032-B

Tgt Ion: 84 Resp: 112510

Ion	Ratio	Lower	Upper
84	100		
49	136.8	102.4	153.6
51	41.5	31.9	47.9
86	69.1	53.1	79.7

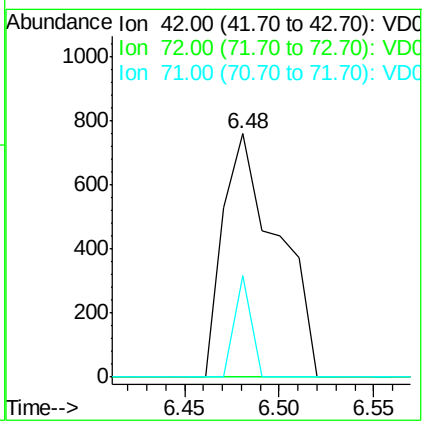


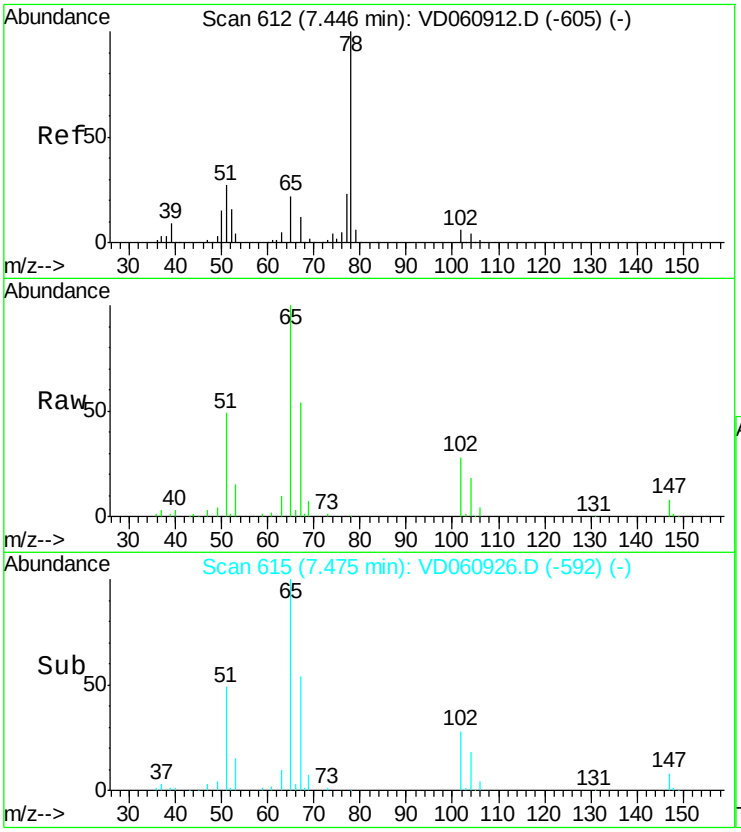


#29
Tetrahydrofuran
Concen: 1.465 ug/l
RT: 6.48 min Scan# 514
Delta R.T. 0.04 min
Lab File: VD060926.D
Acq: 4 Mar 2019 16:27

Tgt Ion: 42 Resp: 1511

Ion	Ratio	Lower	Upper
42	100		
72	0.0	33.8	50.6#
71	12.4	33.5	50.3#



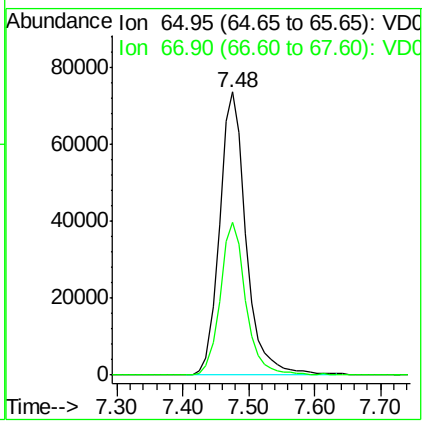


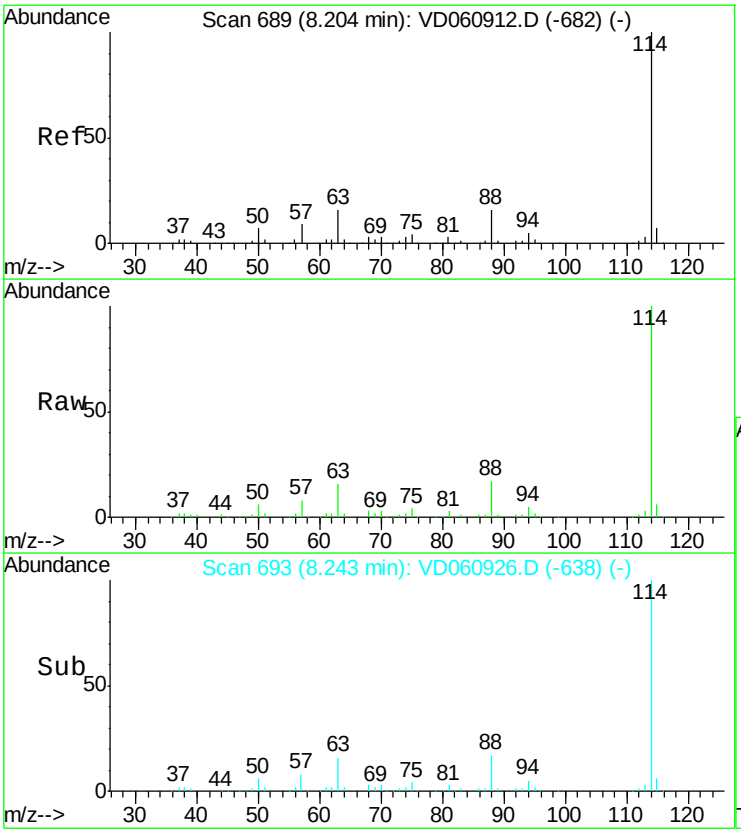
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.48 min Scan# 615
Delta R.T. 0.03 min
Lab File: VD060926.D
Acq: 4 Mar 2019 16:27

Instrument : MSVOA_D
ClientSampleId : FK-GF-02-032-B

Tgt Ion: 65 Resp: 207022

Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	109.4

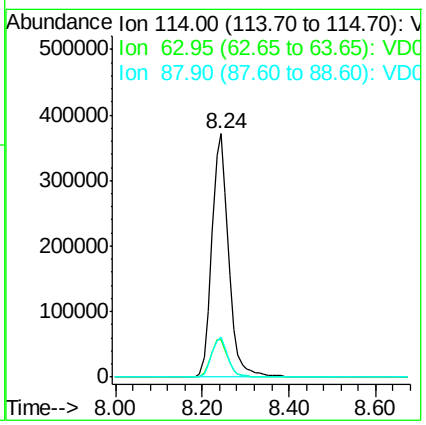


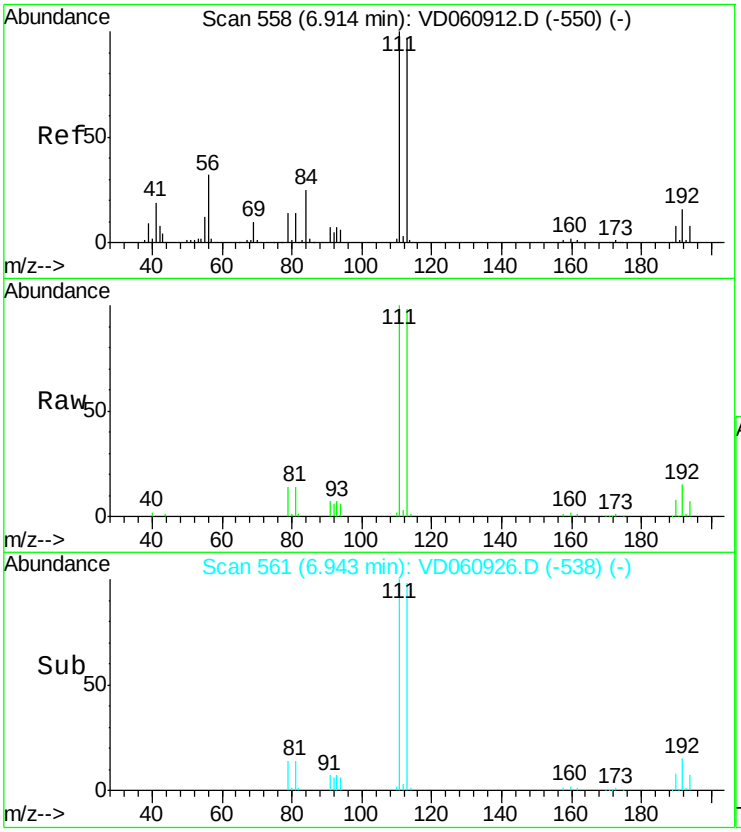


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.24 min Scan# 693
Delta R.T. 0.04 min
Lab File: VD060926.D
Acq: 4 Mar 2019 16:27

Tgt Ion:114 Resp: 995740

Ion	Ratio	Lower	Upper
114	100		
63	15.6	0.0	32.0
88	16.6	0.0	32.8



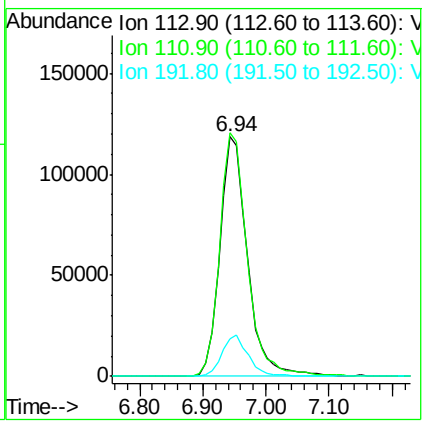


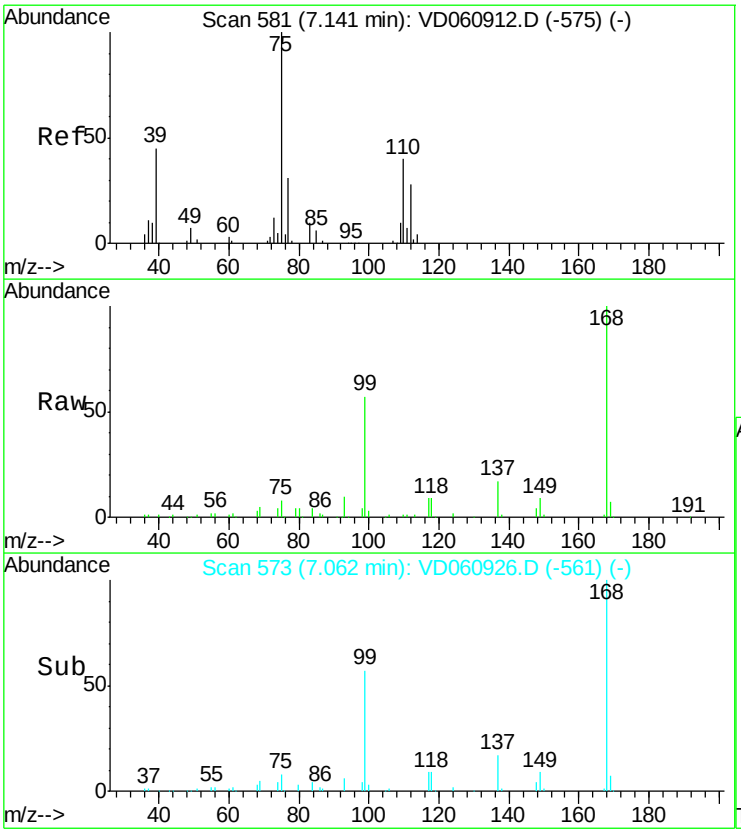
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.94 min Scan# 561
Delta R.T. 0.03 min
Lab File: VD060926.D
Acq: 4 Mar 2019 16:27

Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-032-B

Tgt Ion:113 Resp: 360228

Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.6	124.0
192	15.7	13.4	20.2

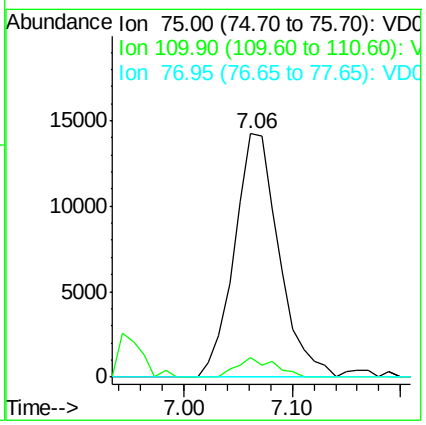


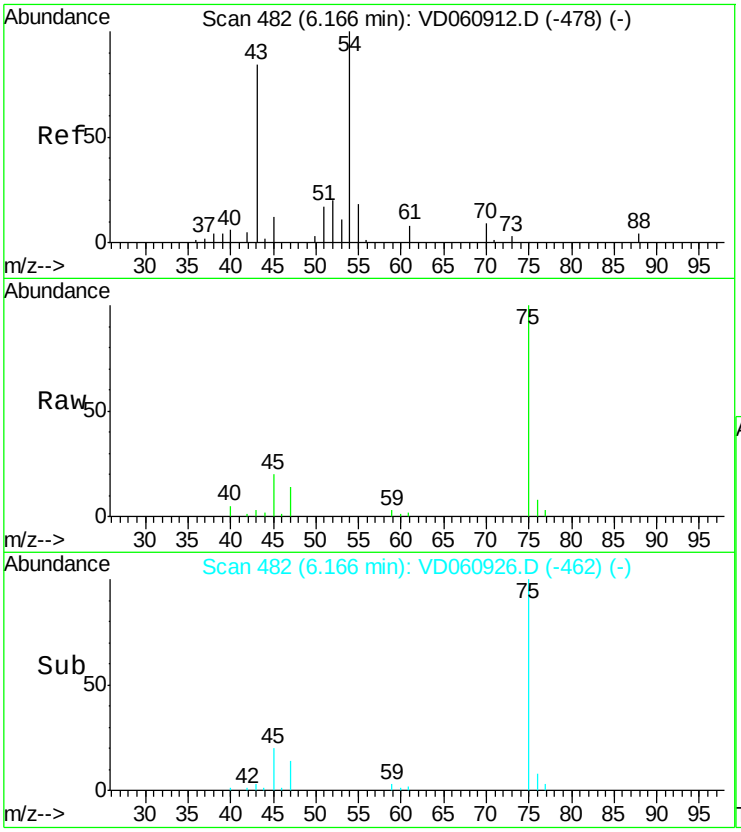


#36
1,1-Dichloropropene
Concen: 4.478 ug/l
RT: 7.06 min Scan# 573
Delta R.T. -0.08 min
Lab File: VD060926.D
Acq: 4 Mar 2019 16:27

Tgt Ion: 75 Resp: 40998

Ion	Ratio	Lower	Upper
75	100		
110	8.2	19.9	59.7#
77	0.0	25.0	37.6#



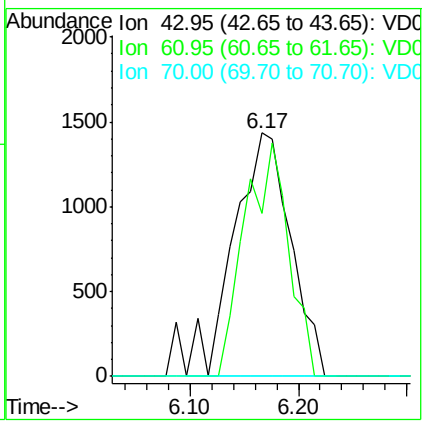


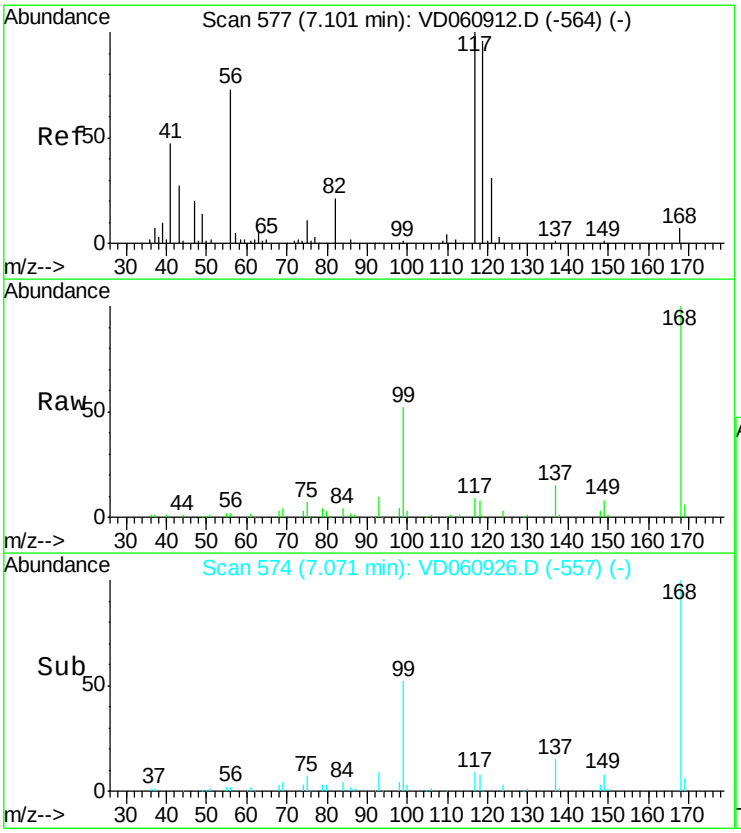
#37
Ethyl Acetate
Concen: 1.113 ug/l
RT: 6.17 min Scan# 482
Delta R.T. -0.00 min
Lab File: VD060926.D
Acq: 4 Mar 2019 16:27

Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-032-B

Tgt Ion: 43 Resp: 5236

Ion	Ratio	Lower	Upper
43	100		
61	67.0	12.1	18.1#
70	0.0	7.3	10.9#

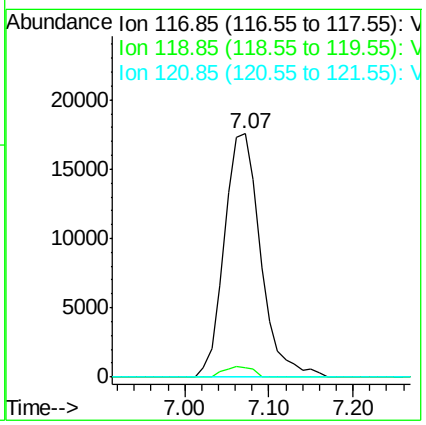


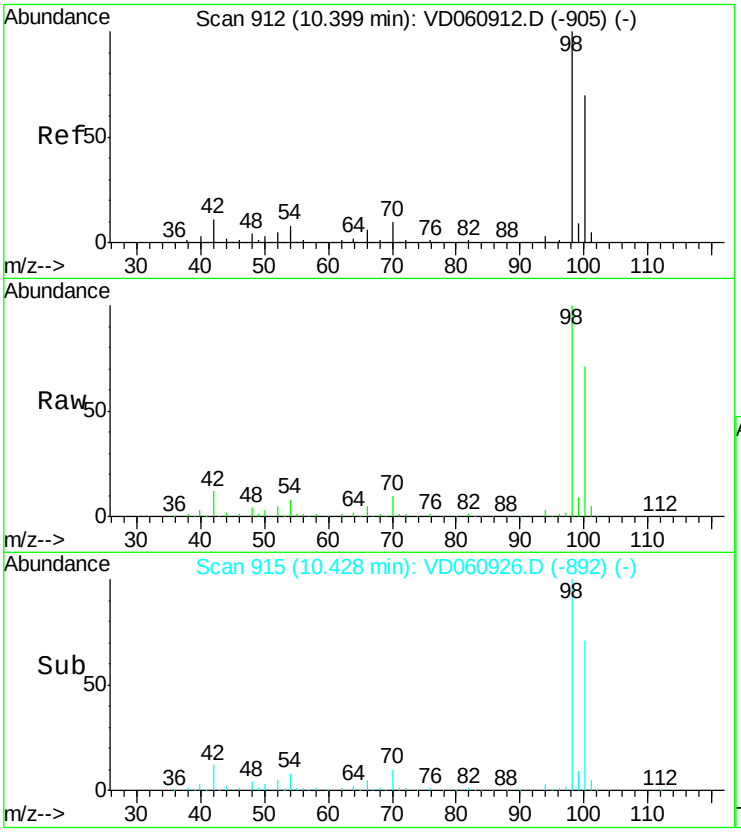


#38
Carbon Tetrachloride
Concen: 5.344 ug/l
RT: 7.07 min Scan# 574
Delta R.T. -0.03 min
Lab File: VD060926.D
Acq: 4 Mar 2019 16:27

Tgt Ion:117 Resp: 52560

Ion	Ratio	Lower	Upper
117	100		
119	3.8	76.9	115.3#
121	0.0	24.5	36.7#



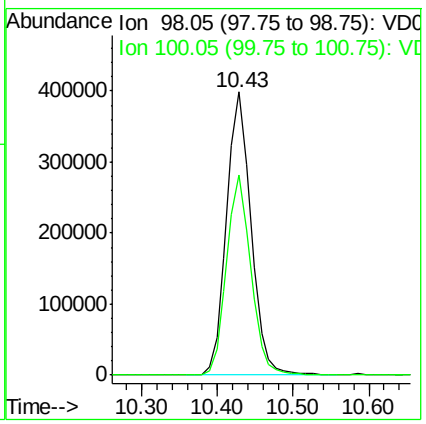


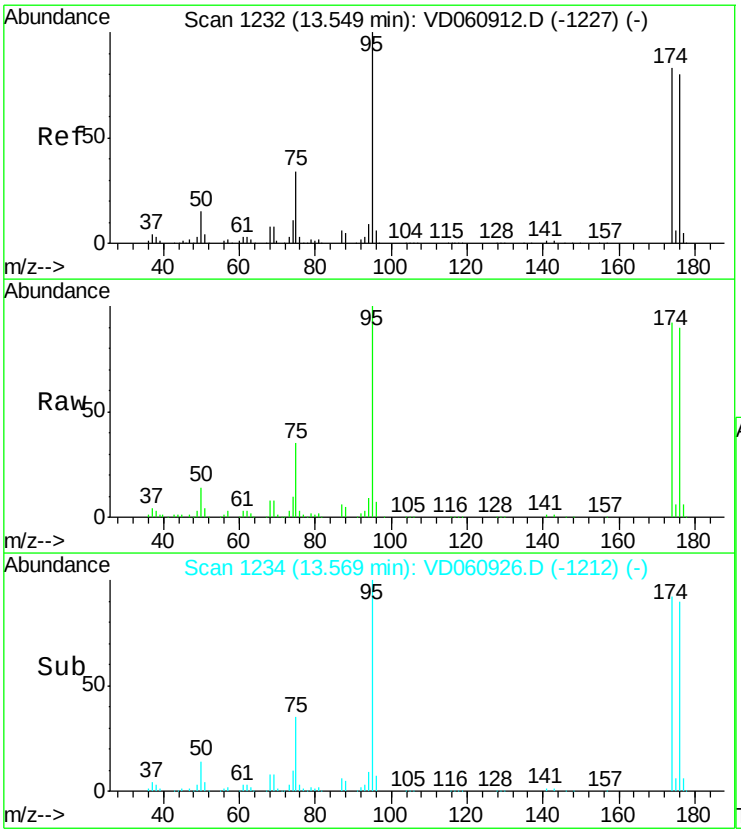
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.43 min Scan# 915
Delta R.T. 0.03 min
Lab File: VD060926.D
Acq: 4 Mar 2019 16:27

Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-032-B

Tgt Ion: 98 Resp: 893472

Ion	Ratio	Lower	Upper
98	100		
100	70.8	57.0	85.4

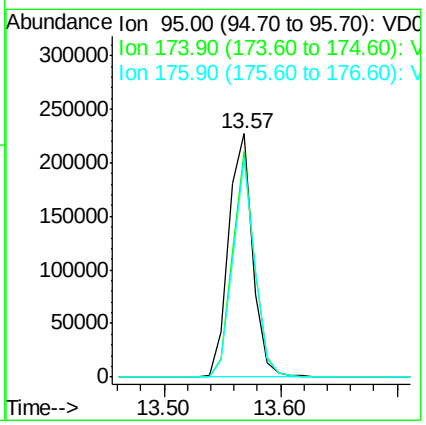


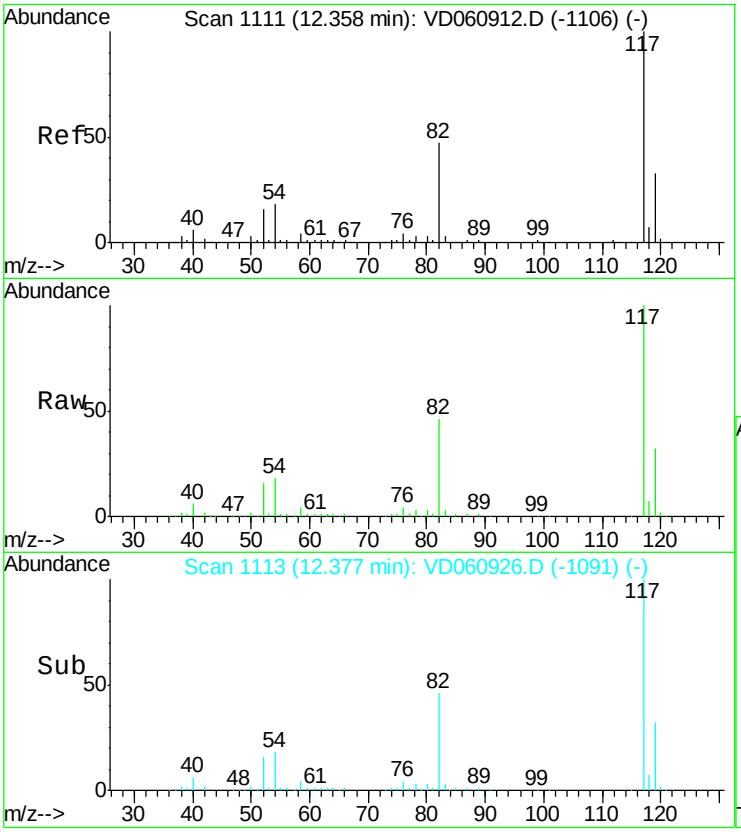


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.57 min Scan# 1234
Delta R.T. 0.02 min
Lab File: VD060926.D
Acq: 4 Mar 2019 16:27

Tgt Ion: 95 Resp: 325110

Ion	Ratio	Lower	Upper
95	100		
174	92.5	0.0	165.6
176	89.9	0.0	160.6



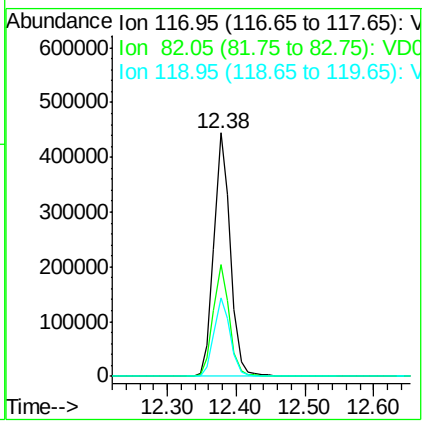


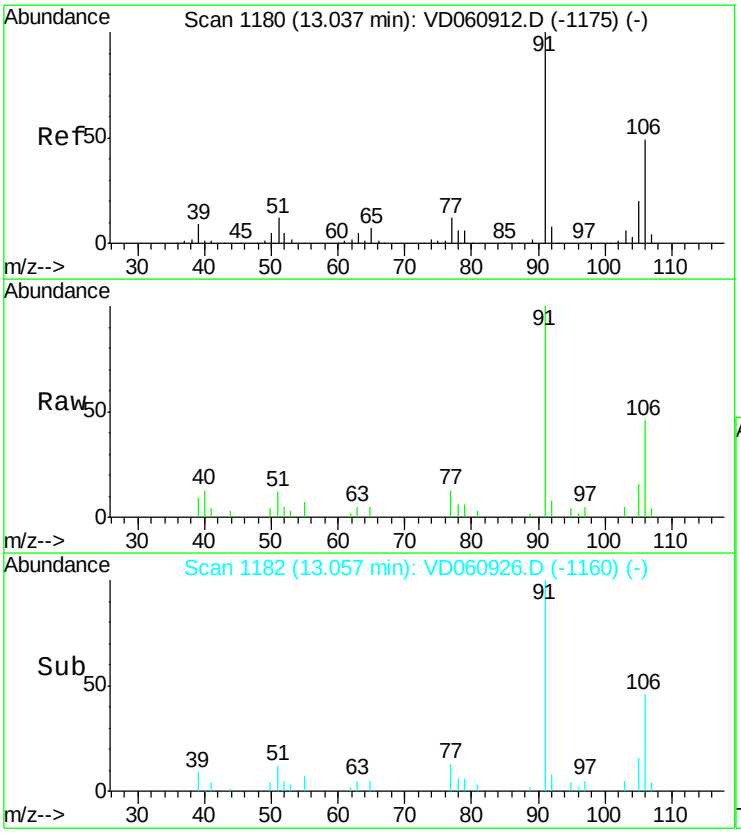
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD060926.D
Acq: 4 Mar 2019 16:27

Instrument : MSVOA_D
ClientSampleId : FK-GF-02-032-B

Tgt Ion:117 Resp: 736088

Ion	Ratio	Lower	Upper
117	100		
82	45.7	37.5	56.3
119	32.1	26.2	39.2

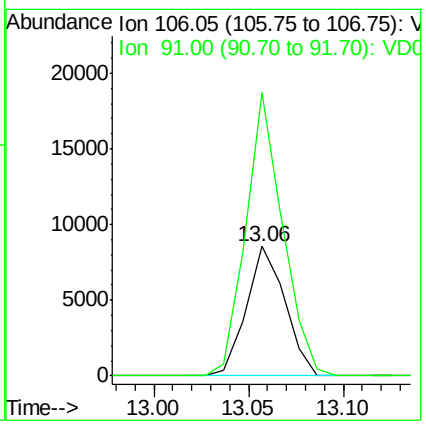


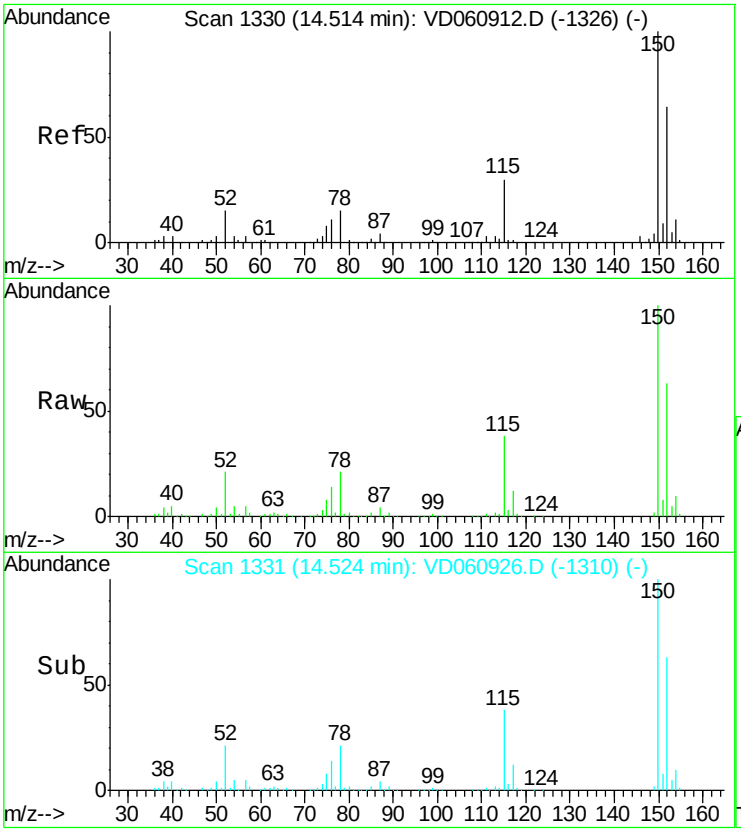


#69
o-Xylene
Concen: 1.341 ug/l
RT: 13.06 min Scan# 1182
Delta R.T. 0.02 min
Lab File: VD060926.D
Acq: 4 Mar 2019 16:27

Tgt Ion:106 Resp: 12007

Ion	Ratio	Lower	Upper
106	100		
91	218.6	102.9	308.7



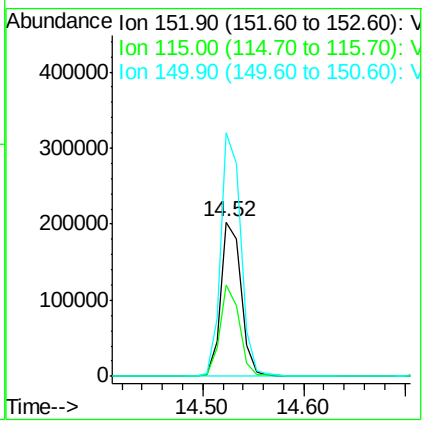


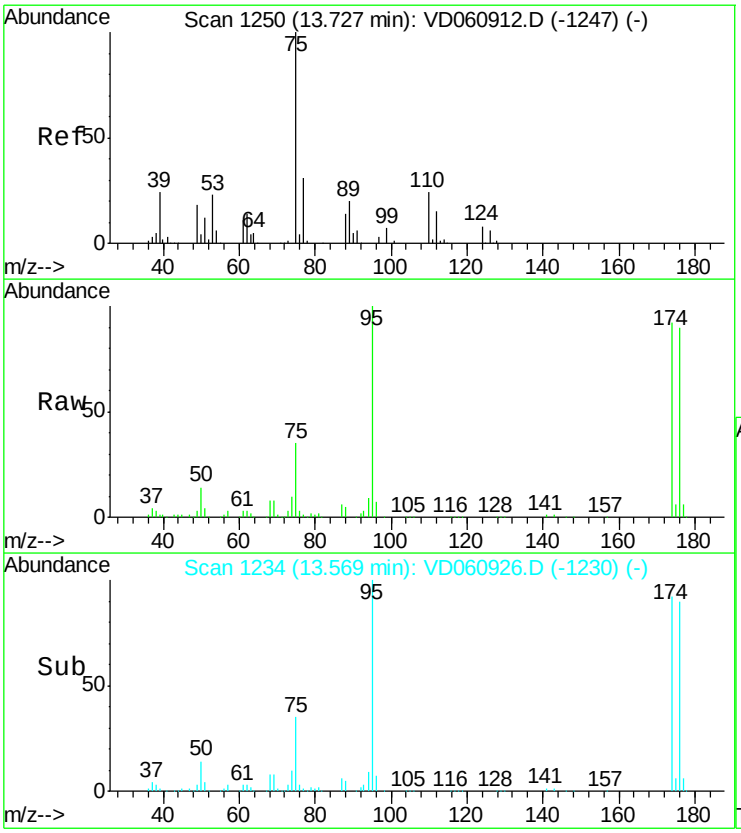
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD060926.D
Acq: 4 Mar 2019 16:27

Instrument : MSVOA_D
ClientSampleId : FK-GF-02-032-B

Tgt Ion:152 Resp: 284797

Ion	Ratio	Lower	Upper
152	100		
115	59.2	27.6	82.8
150	157.6	0.0	312.8

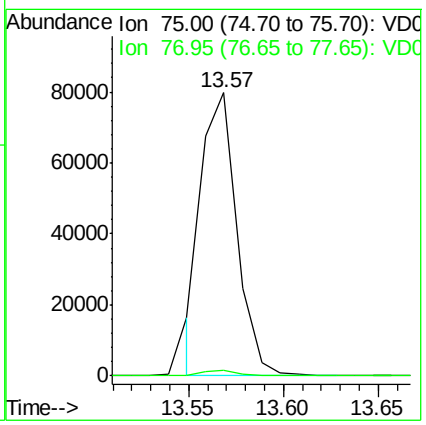


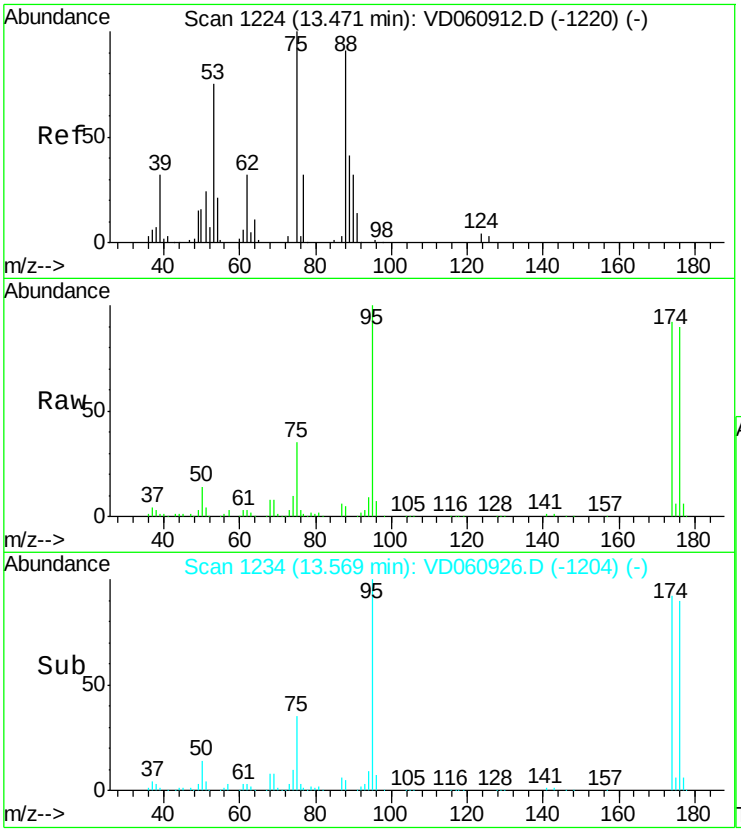


#76
1,2,3-Trichloropropane
Concen: 22.684 ug/l
RT: 13.57 min Scan# 1234
Delta R.T. -0.16 min
Lab File: VD060926.D
Acq: 4 Mar 2019 16:27

Tgt Ion: 75 Resp: 104678

Ion	Ratio	Lower	Upper
75	100		
77	1.8	16.2	48.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 84.071 ug/l
RT: 13.57 min Scan# 1234
Delta R.T. 0.10 min
Lab File: VD060926.D
Acq: 4 Mar 2019 16:27

Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-032-B

Tgt Ion: 75 Resp: 114813

Ion	Ratio	Lower	Upper
75	100		
53	0.0	59.8	89.6#
89	0.0	33.0	49.6#