Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD032019\
Data File : VD061233.D
Acq On : 21 Mar 2019 4:39
Operator : VA/AP
Sample : K1688-33
Misc : 6.65g/5ml/MSVOA_D/SOIL
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: Mar 22 02:07:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 08 02:35:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.04	168	641020	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.21	114	1160983	50.00	ug/l		0.00
63) Chlorobenzene-d5	12.37	117	812066	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	352952	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	7.45	65	265147	49.69	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.38%				
35) Dibromofluoromethane	6.92	113	404041	46.89	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.78%				
50) Toluene-d8	10.41	98	754657	34.88	ug/l		0.00
Spiked Amount 50.000			Recovery = 69.76%				
62) 4-Bromofluorobenzene	13.55	95	292119	34.80	ug/l		0.00
Spiked Amount 50.000			Recovery = 69.60%				
Target Compounds							Qvalue
5) Bromomethane	2.22	94	180	Below Cal		#	8
11) Tert butyl alcohol	4.06	59	648	1.908	ug/l	#	75
16) Acetone	3.22	43	39666	25.997	ug/l		97
18) Methyl Acetate	3.64	43	4894	1.630	ug/l		96
20) Methylene Chloride	3.82	84	58938	4.200	ug/l		87
25) 2-Butanone	6.15	43	2716	1.569	ug/l	#	55
31) Cyclohexane	7.04	56	9892	1.048	ug/l	#	1
36) 1,1-Dichloropropene	7.04	75	46588	4.655	ug/l	#	46
38) Carbon Tetrachloride	7.04	117	60108	5.453	ug/l	#	15
81) trans-1,4-Dichloro-2-buten	13.55	75	107786	71.999	ug/l	#	17

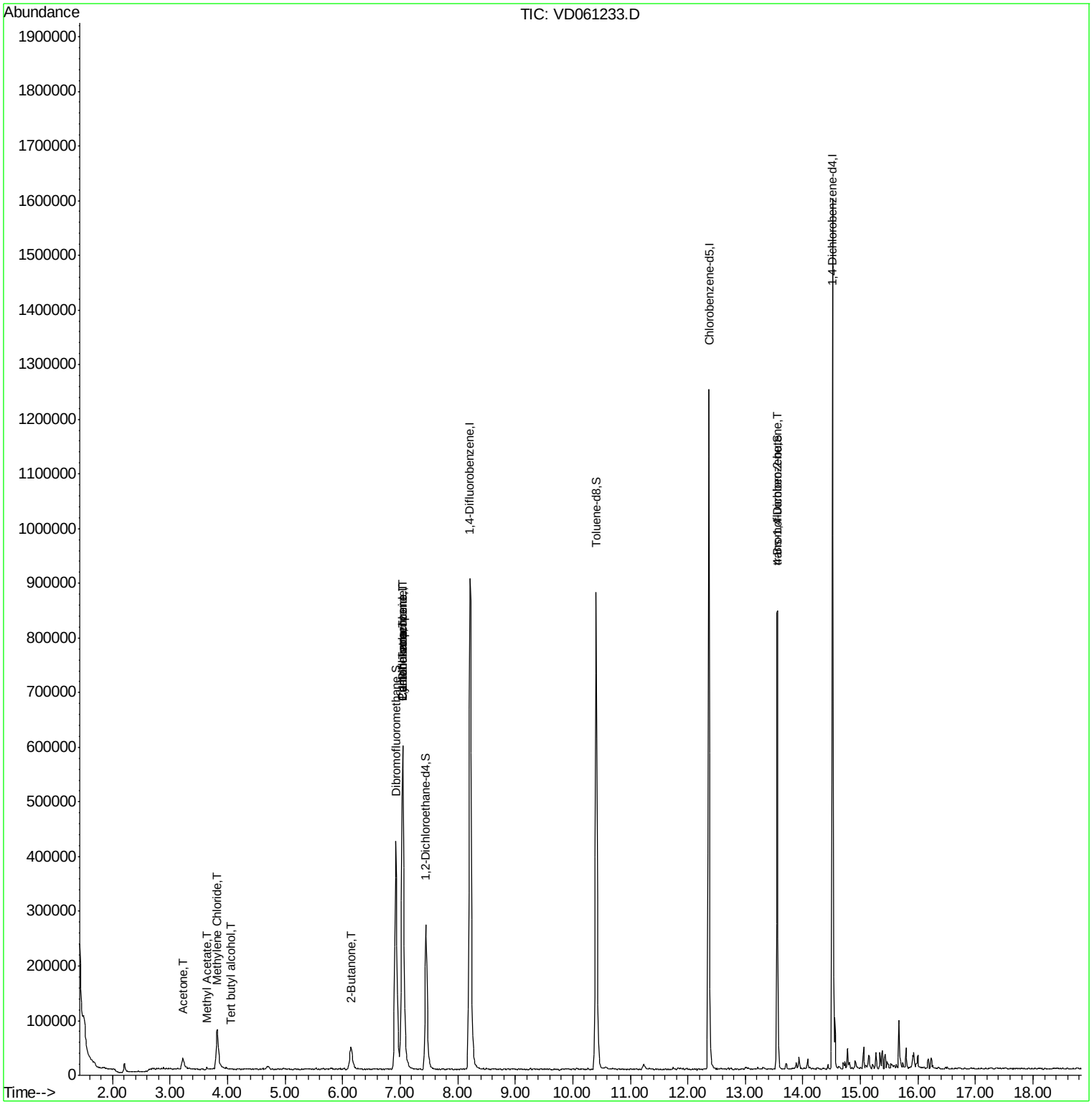
(#) = qualifier out of range (m) = manual integration (+) = signals summed

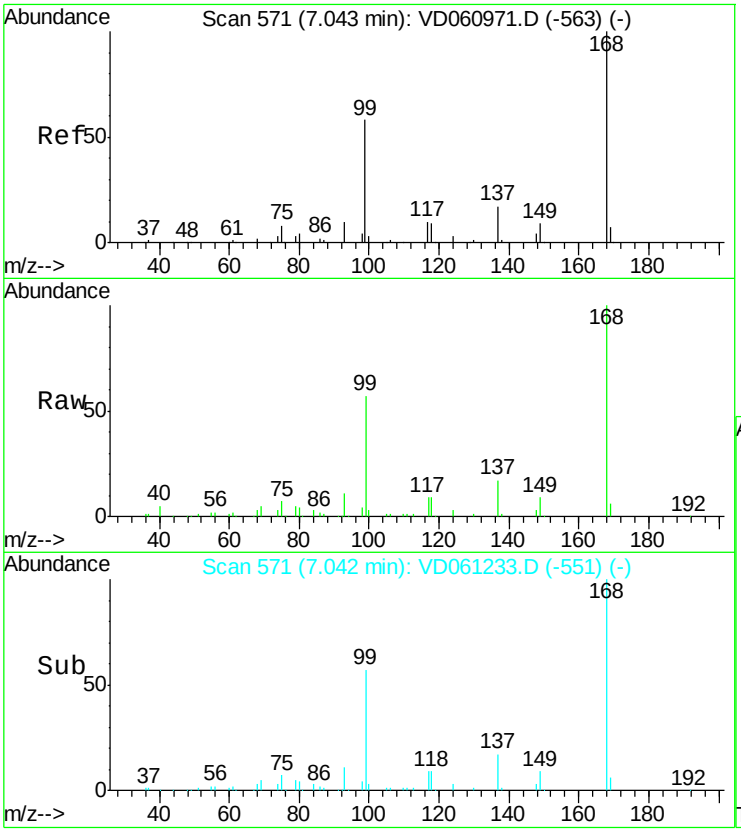
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032019\
Data File : VD061233.D
Acq On : 21 Mar 2019 4:39
Operator : VA/AP
Sample : K1688-33
Misc : 6.65g/5ml/MSVOA D/SOIL
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Mar 22 02:07:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 08 02:35:39 2019
Response via : Initial Calibration



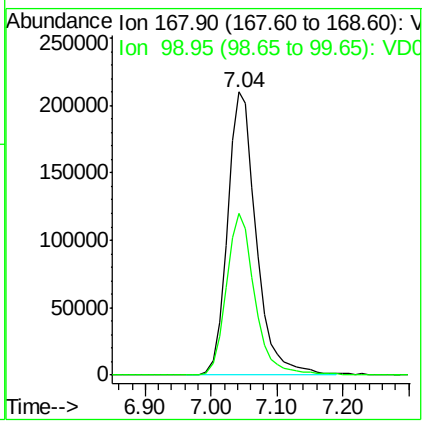


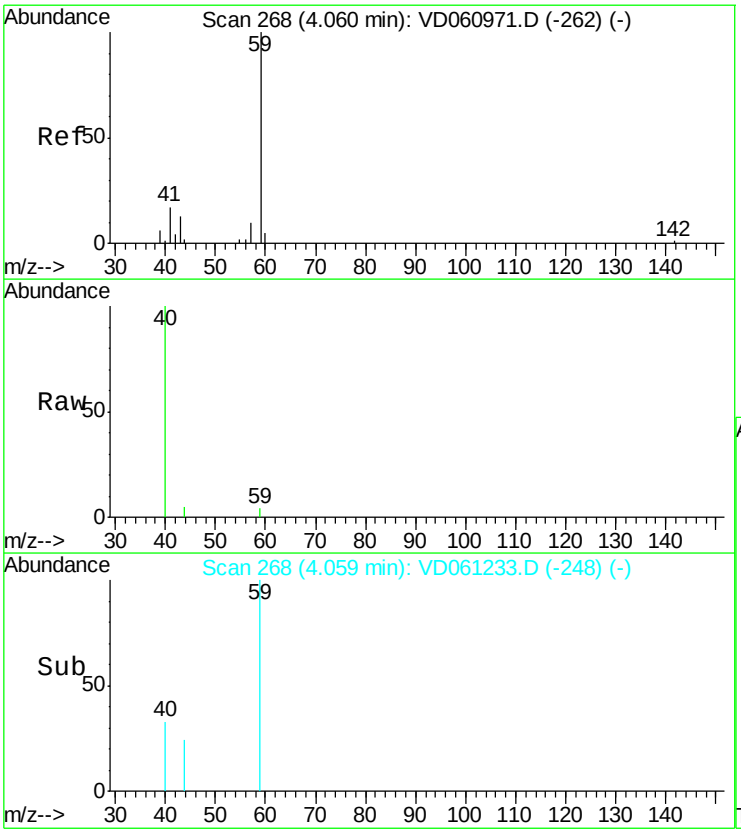
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.04 min Scan# 571
Delta R.T. -0.00 min
Lab File: VD061233.D
Acq: 21 Mar 2019 4:39

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 641020

Ion	Ratio	Lower	Upper
168	100		
99	57.3	47.3	70.9

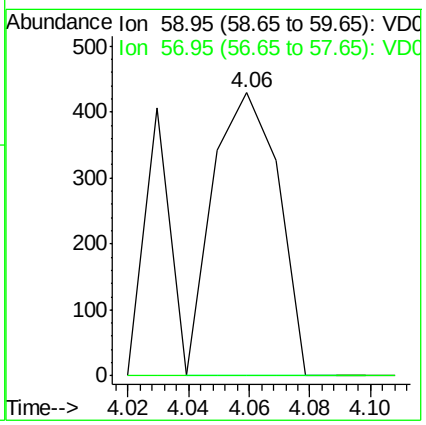


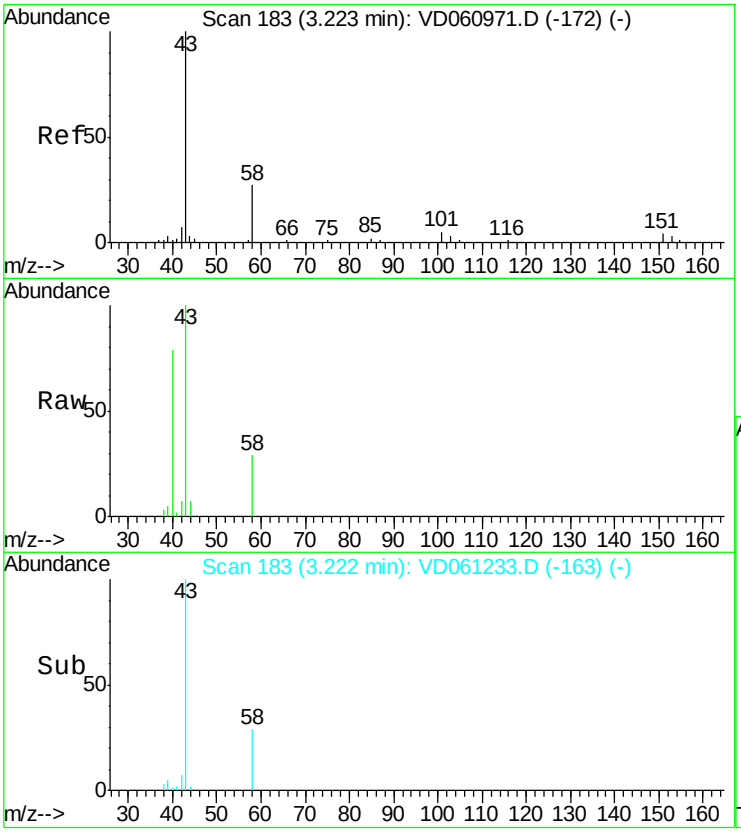


#11
Tert butyl alcohol
Concen: 1.908 ug/l
RT: 4.06 min Scan# 268
Delta R.T. -0.00 min
Lab File: VD061233.D
Acq: 21 Mar 2019 4:39

Tgt Ion: 59 Resp: 648

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.1	10.7#



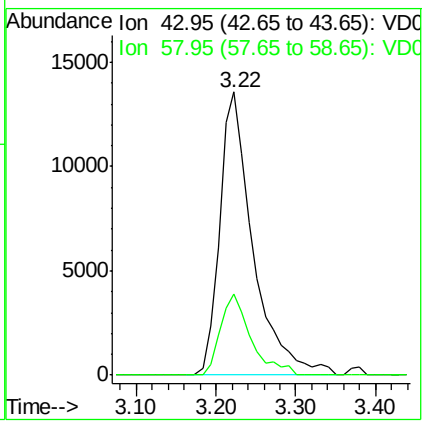


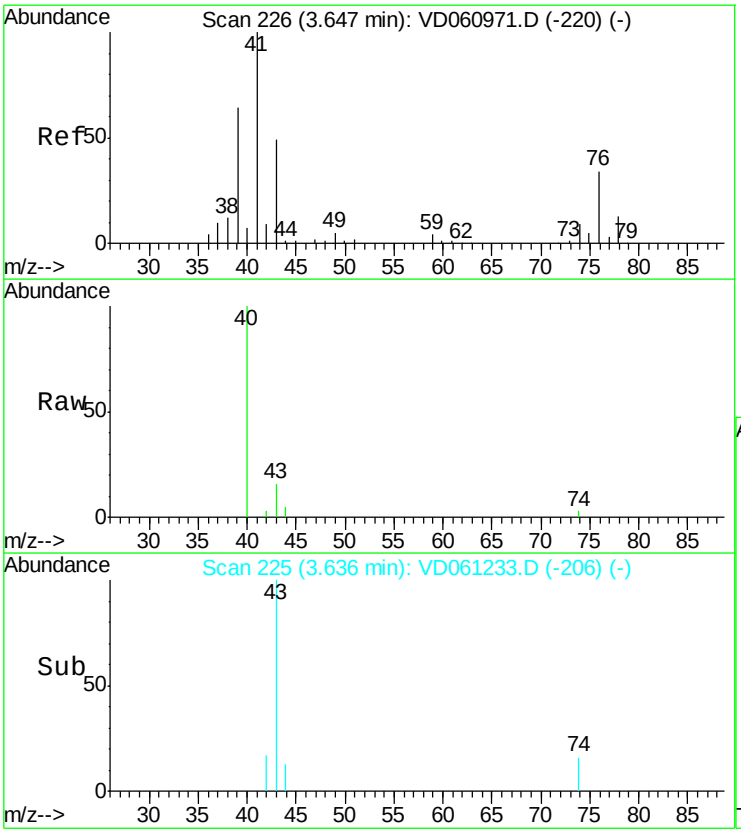
#16
Acetone
Concen: 25.997 ug/l
RT: 3.22 min Scan# 183
Delta R.T. -0.00 min
Lab File: VD061233.D
Acq: 21 Mar 2019 4:39

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 39666

Ion	Ratio	Lower	Upper
43	100		
58	28.6	21.6	32.4

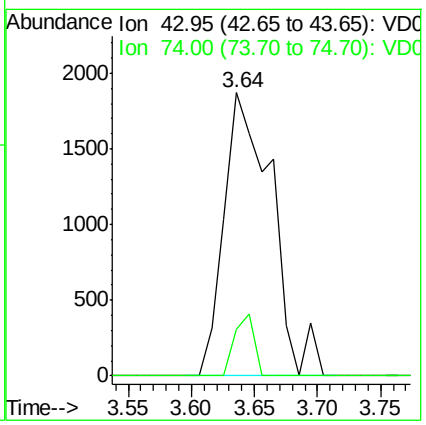


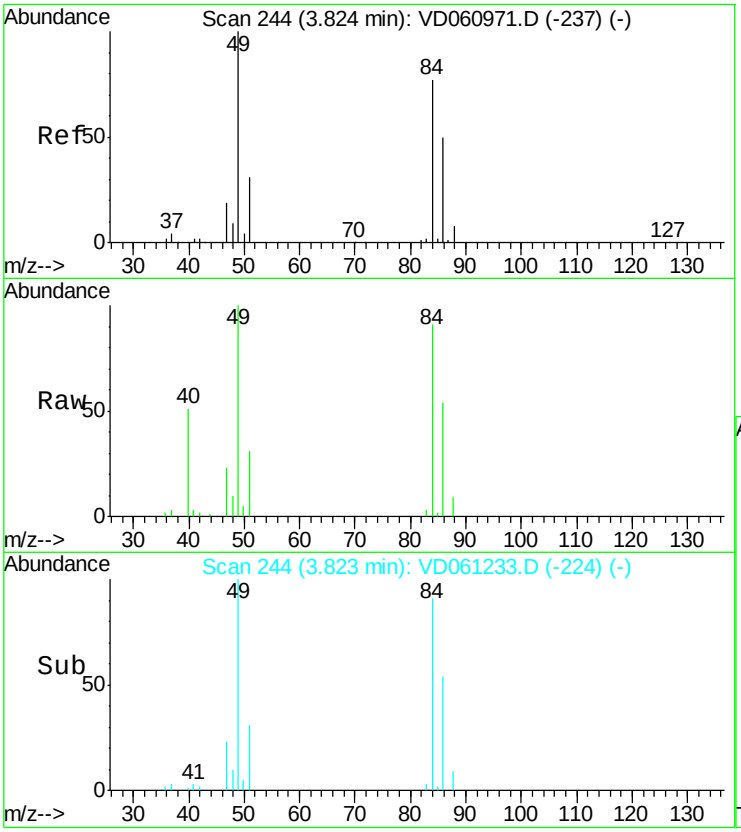


#18
Methyl Acetate
Concen: 1.630 ug/l
RT: 3.64 min Scan# 225
Delta R.T. -0.01 min
Lab File: VD061233.D
Acq: 21 Mar 2019 4:39

Tgt Ion: 43 Resp: 4894

Ion	Ratio	Lower	Upper
43	100		
74	16.3	14.6	21.8



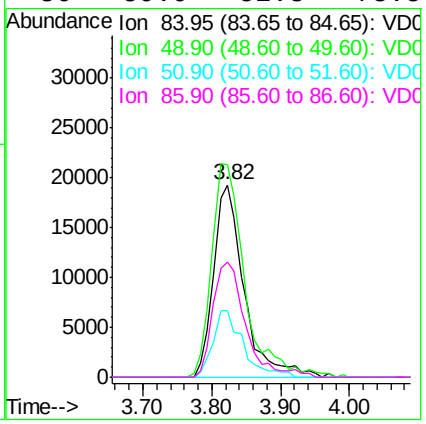


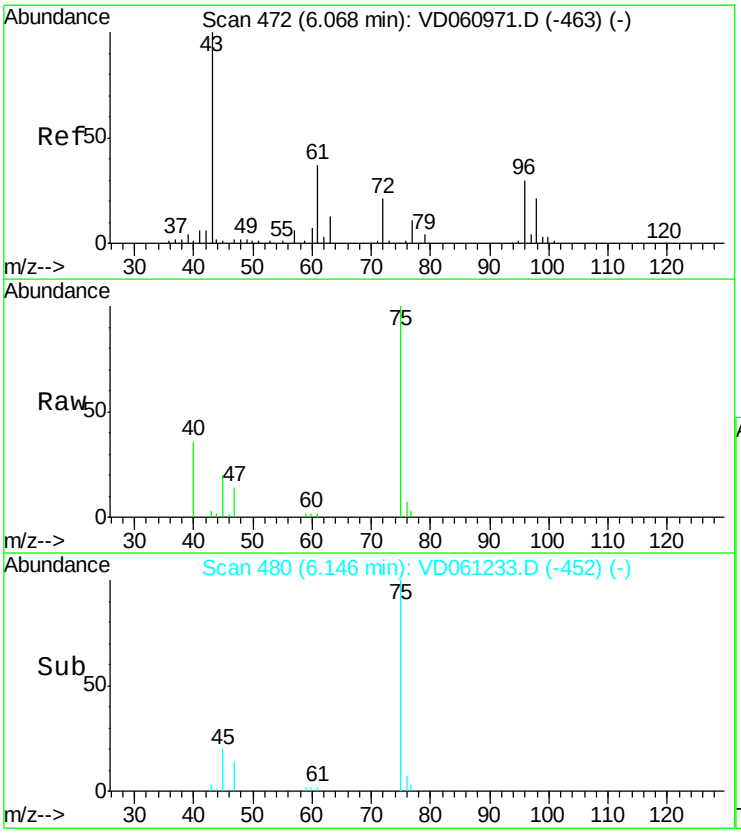
#20
Methylene Chloride
Concen: 4.200 ug/l
RT: 3.82 min Scan# 244
Delta R.T. -0.00 min
Lab File: VD061233.D
Acq: 21 Mar 2019 4:39

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 84 Resp: 58938

Ion	Ratio	Lower	Upper
84	100		
49	110.4	104.2	156.2
51	34.4	32.3	48.5
86	59.9	52.3	78.5

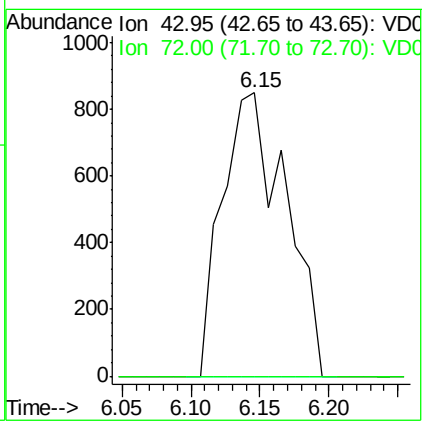


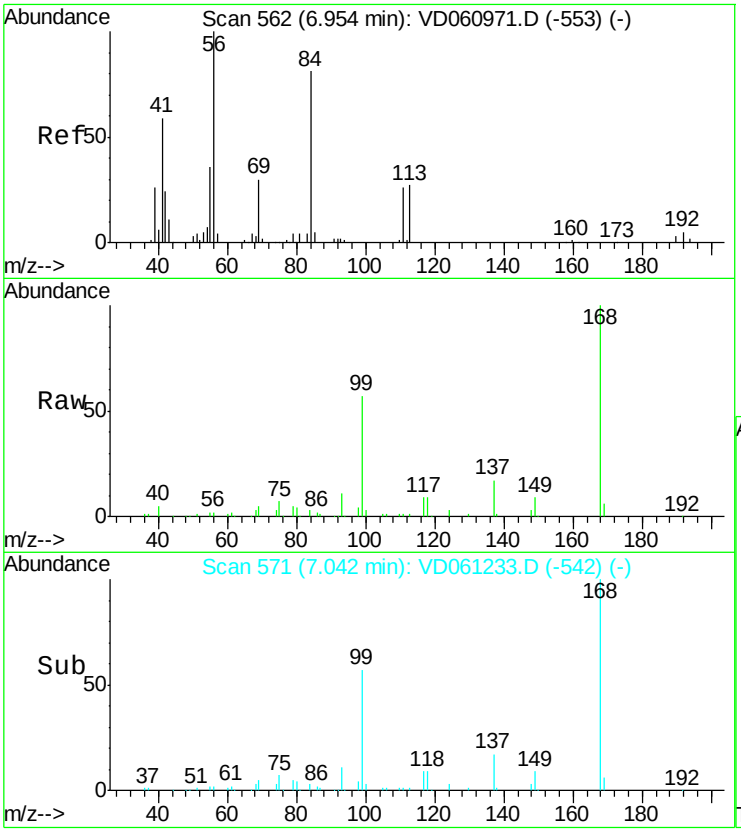


#25
2-Butanone
Concen: 1.569 ug/l
RT: 6.15 min Scan# 480
Delta R.T. 0.08 min
Lab File: VD061233.D
Acq: 21 Mar 2019 4:39

Tgt Ion: 43 Resp: 2716

Ion	Ratio	Lower	Upper
43	100		
72	0.0	16.7	25.1#



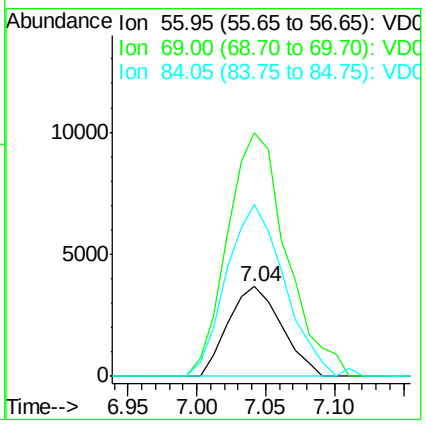


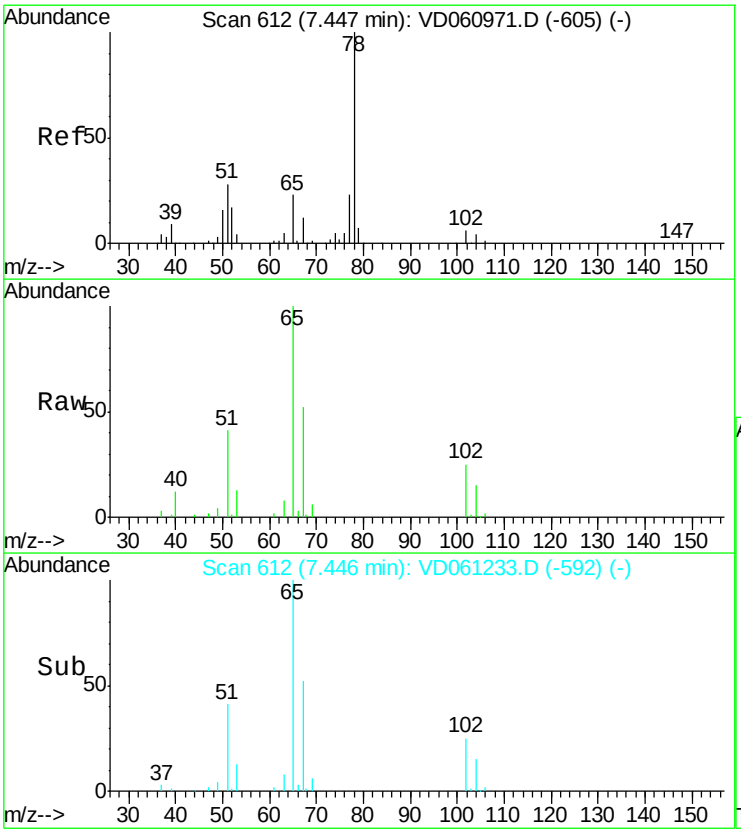
#31
Cyclohexane
Concen: 1.048 ug/l
RT: 7.04 min Scan# 571
Delta R.T. 0.09 min
Lab File: VD061233.D
Acq: 21 Mar 2019 4:39

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 56 Resp: 9892

Ion	Ratio	Lower	Upper
56	100		
69	271.6	24.0	36.0#
84	191.4	65.8	98.6#

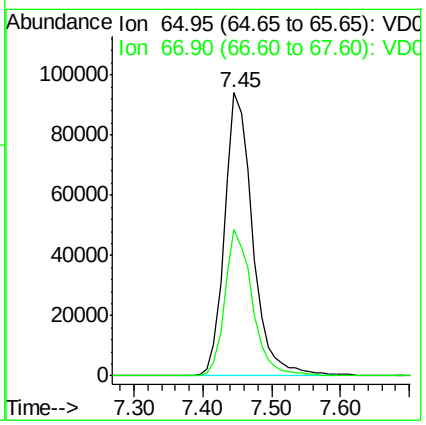


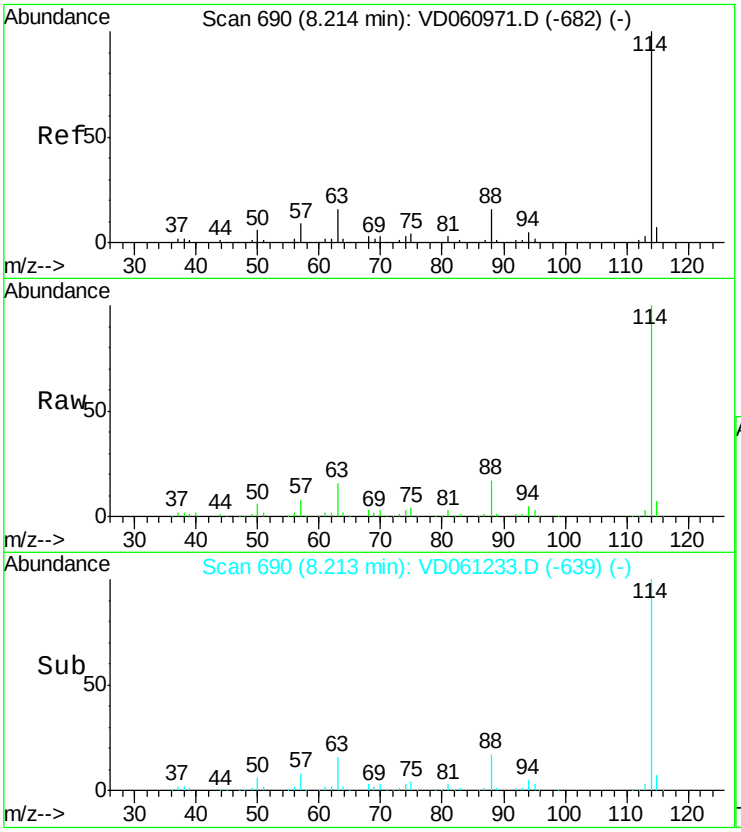


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.00 min
Lab File: VD061233.D
Acq: 21 Mar 2019 4:39

Tgt Ion: 65 Resp: 265147

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	105.2



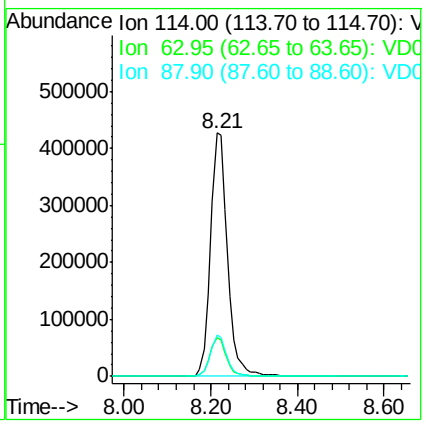


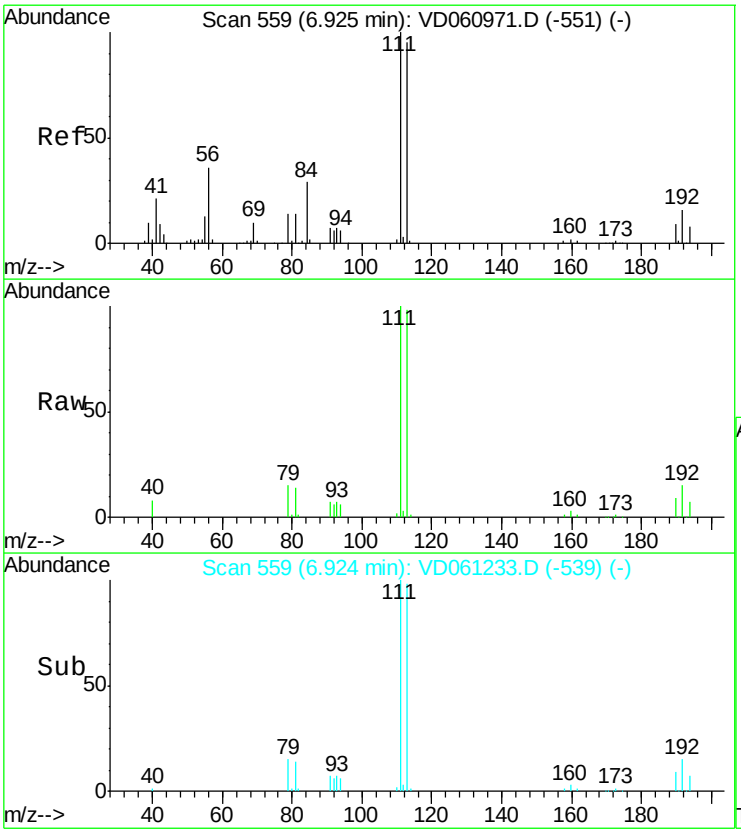
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.21 min Scan# 690
Delta R.T. -0.00 min
Lab File: VD061233.D
Acq: 21 Mar 2019 4:39

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:114 Resp: 1160983

Ion	Ratio	Lower	Upper
114	100		
63	16.1	0.0	31.4
88	17.0	0.0	33.0

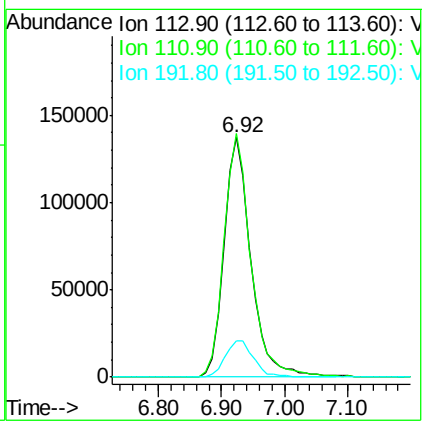


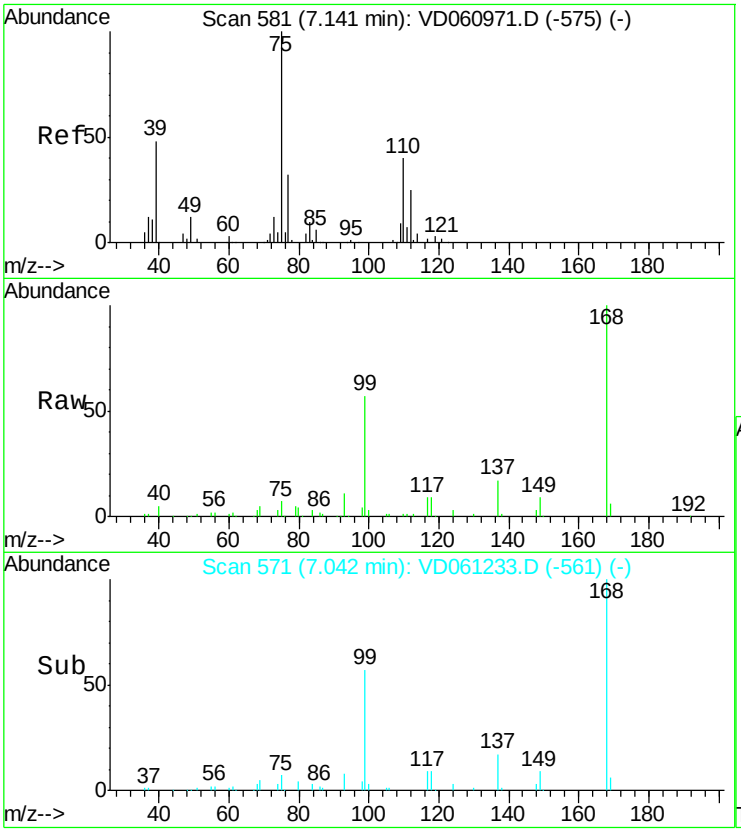


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.92 min Scan# 559
Delta R.T. -0.00 min
Lab File: VD061233.D
Acq: 21 Mar 2019 4:39

Tgt Ion:113 Resp: 404041

Ion	Ratio	Lower	Upper
113	100		
111	101.6	84.2	126.4
192	15.0	13.1	19.7



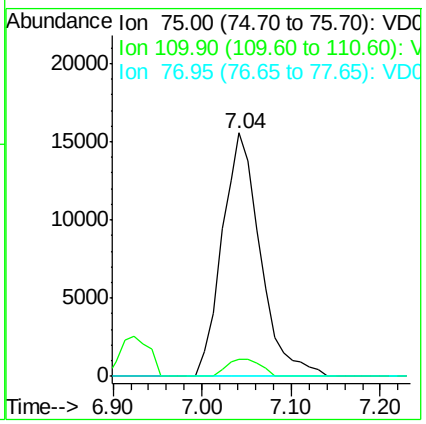


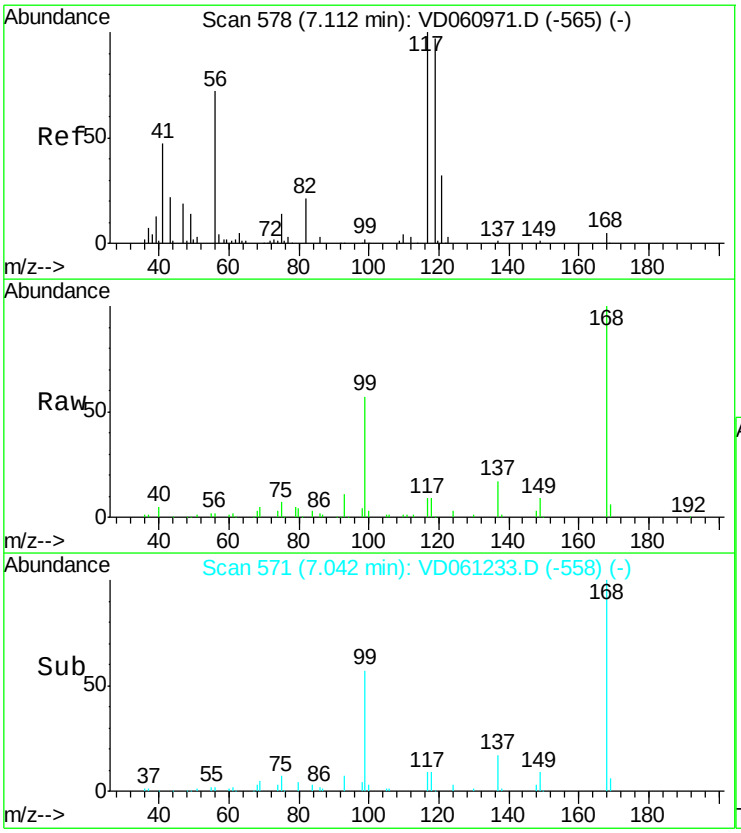
#36
1,1-Dichloropropene
Concen: 4.655 ug/l
RT: 7.04 min Scan# 571
Delta R.T. -0.10 min
Lab File: VD061233.D
Acq: 21 Mar 2019 4:39

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 46588

Ion	Ratio	Lower	Upper
75	100		
110	7.1	19.7	59.1#
77	0.0	24.7	37.1#

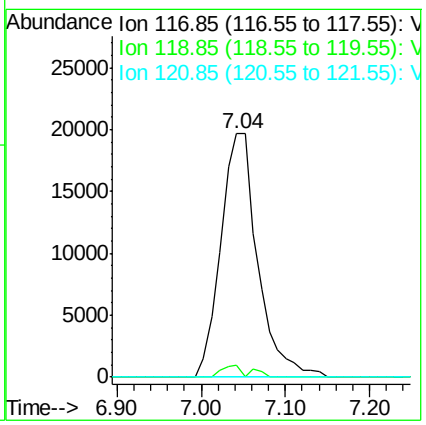


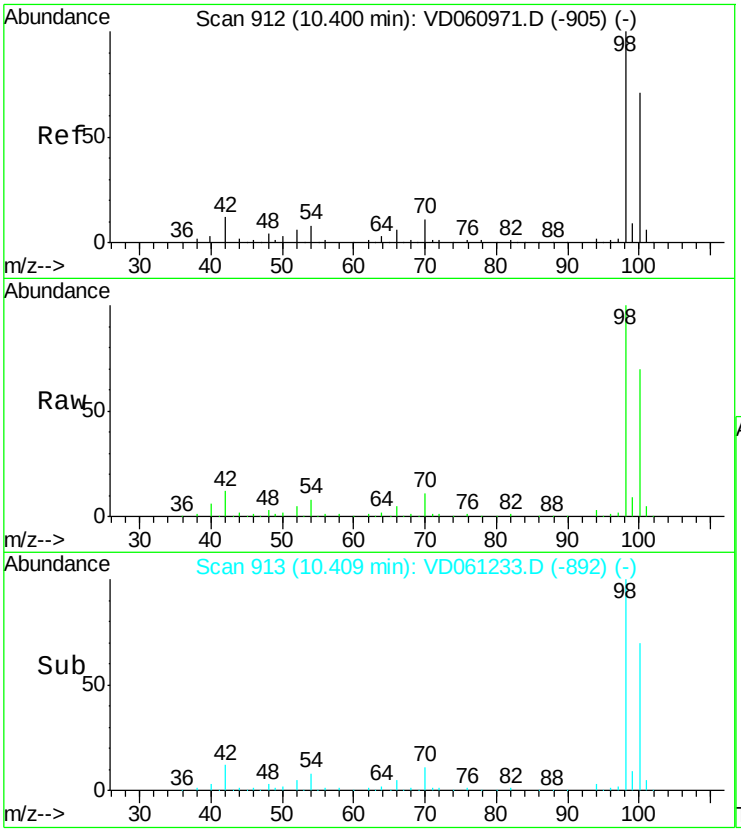


#38
Carbon Tetrachloride
Concen: 5.453 ug/l
RT: 7.04 min Scan# 571
Delta R.T. -0.07 min
Lab File: VD061233.D
Acq: 21 Mar 2019 4:39

Tgt Ion:117 Resp: 60108

Ion	Ratio	Lower	Upper
117	100		
119	4.7	77.8	116.8#
121	0.0	25.3	37.9#



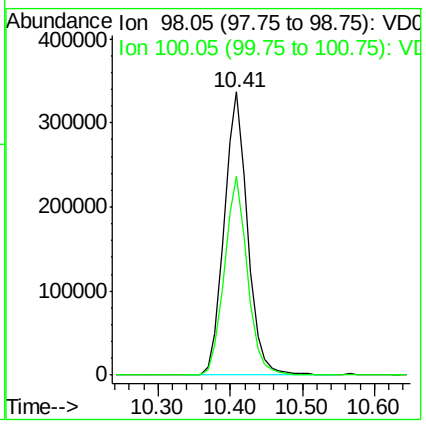


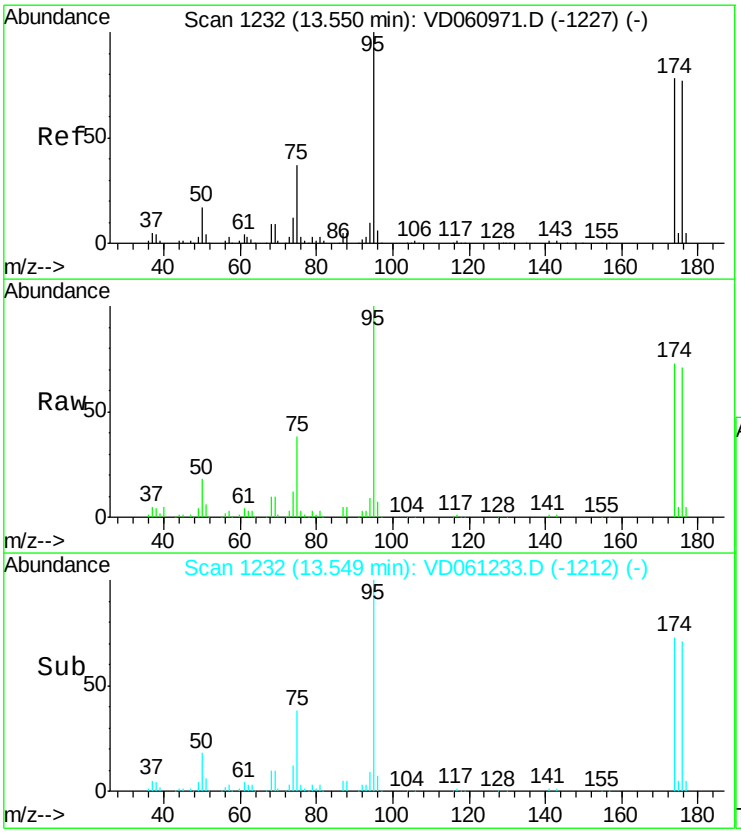
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD061233.D
Acq: 21 Mar 2019 4:39

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 98 Resp: 754657

Ion	Ratio	Lower	Upper
98	100		
100	70.3	57.4	86.2

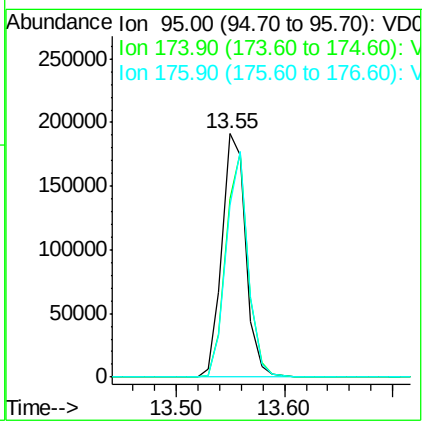


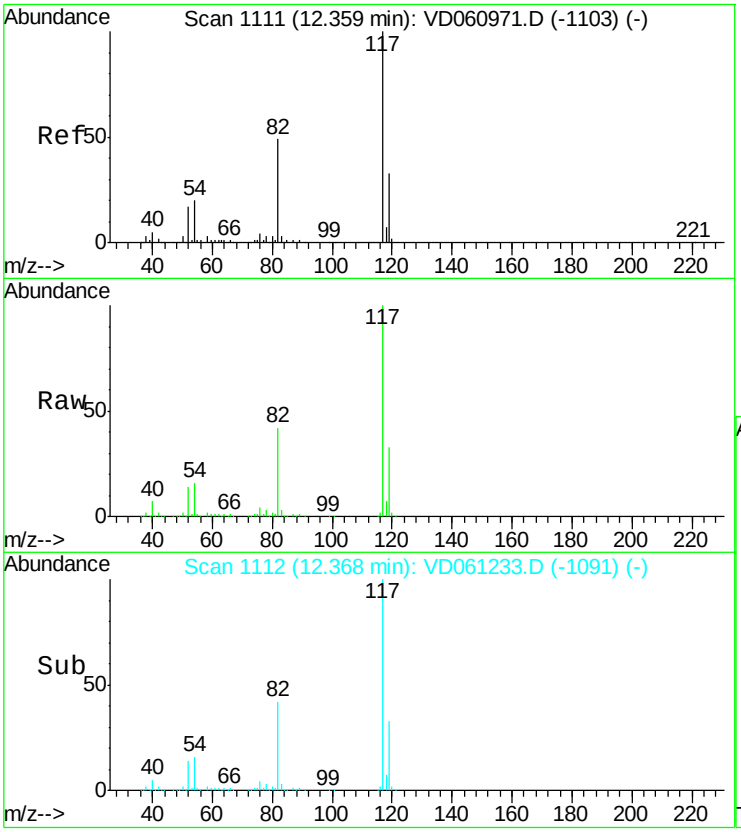


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD061233.D
Acq: 21 Mar 2019 4:39

Tgt Ion: 95 Resp: 292119

Ion	Ratio	Lower	Upper
95	100		
174	73.4	0.0	155.6
176	70.6	0.0	153.8



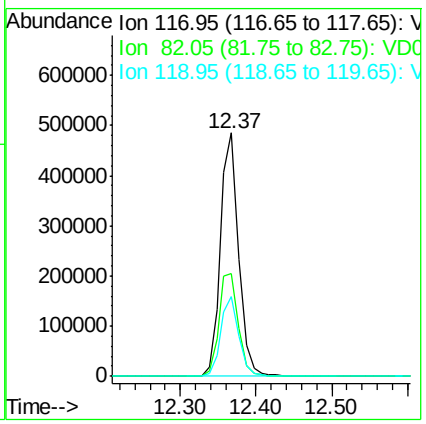


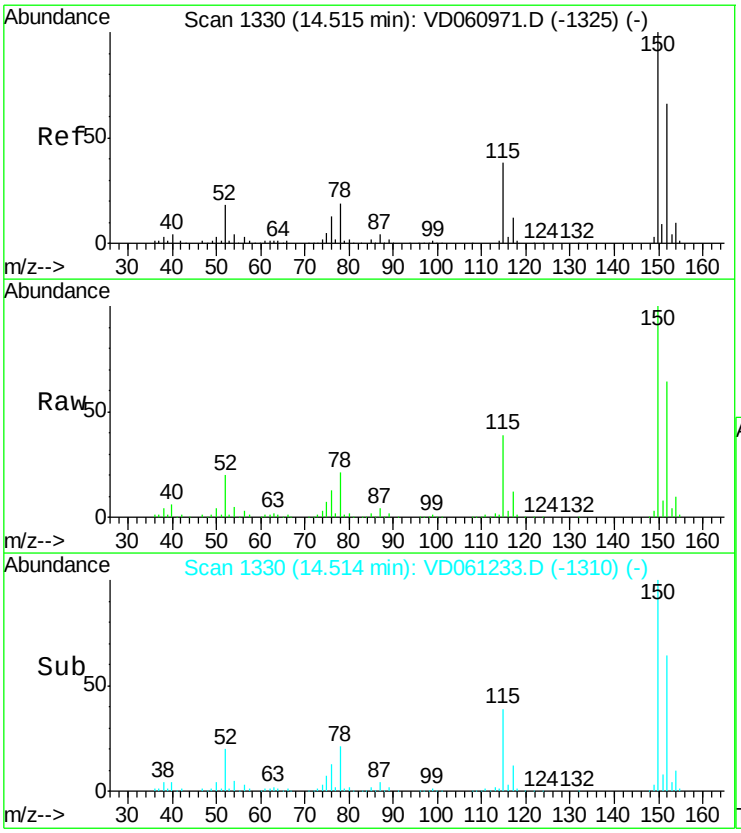
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD061233.D
Acq: 21 Mar 2019 4:39

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 812066

Ion	Ratio	Lower	Upper
117	100		
82	42.4	38.9	58.3
119	32.7	26.6	39.8

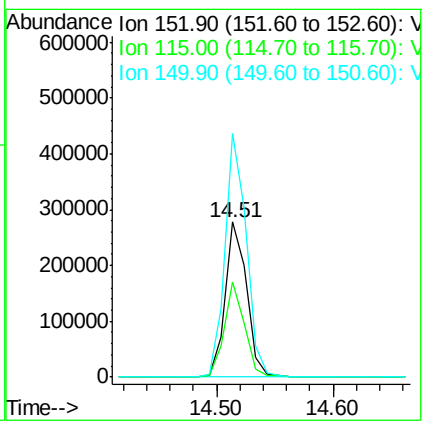


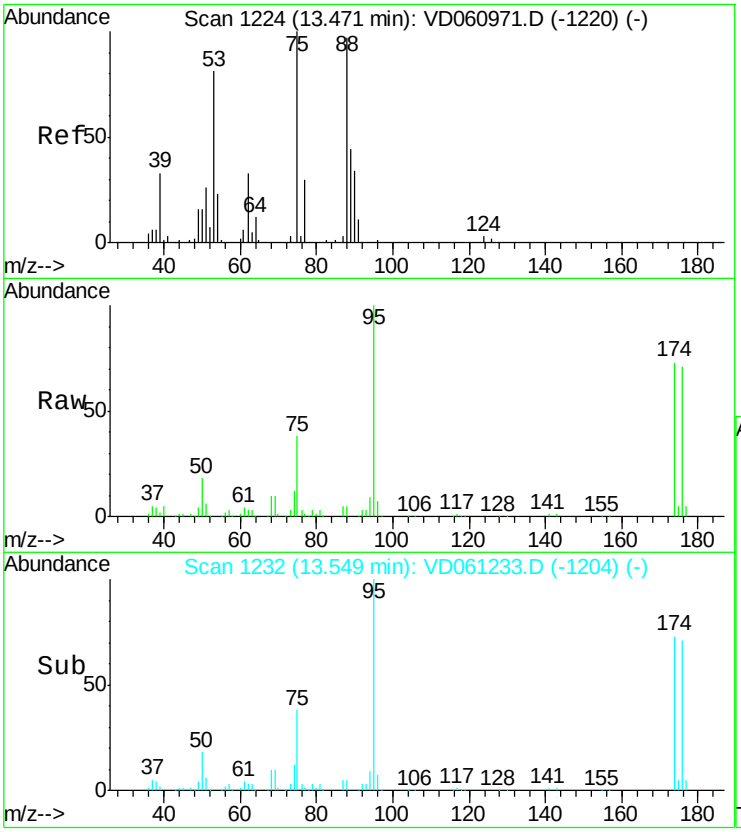


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD061233.D
Acq: 21 Mar 2019 4:39

Tgt Ion:152 Resp: 352952

Ion	Ratio	Lower	Upper
152	100		
115	61.2	28.6	85.9
150	156.8	0.0	310.6





#81
trans-1,4-Dichloro-2-butene
Concen: 71.999 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.08 min
Lab File: VD061233.D
Acq: 21 Mar 2019 4:39

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 107786

Ion	Ratio	Lower	Upper
75	100		
53	0.0	64.4	96.6#
89	0.0	34.8	52.2#