Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD032019\
Data File : VD061208.D
Acq On : 20 Mar 2019 15:18
Operator : VA/AP
Sample : K1987-05RE
Misc : 5.10g/5ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 20190147-COMPOSITE-FRE

Quant Time: Mar 22 02:00:22 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	471361	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.21	114	829956	50.00	ug/l		0.00
63) Chlorobenzene-d5	12.36	117	517797	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	160097	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	7.45	65	205426	52.36	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.72%				
35) Dibromofluoromethane	6.93	113	318942	51.78	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.56%				
50) Toluene-d8	10.40	98	714702	46.21	ug/l		0.00
Spiked Amount 50.000			Recovery = 92.42%				
62) 4-Bromofluorobenzene	13.55	95	195271	32.54	ug/l		0.00
Spiked Amount 50.000			Recovery = 65.08%				
Target Compounds							Qvalue
16) Acetone	3.22	43	42571	37.943	ug/l		92
20) Methylene Chloride	3.82	84	34486	2.291	ug/l		90
25) 2-Butanone	6.06	43	11407	8.960	ug/l		98
31) Cyclohexane	7.03	56	7843	1.130	ug/l	#	1
36) 1,1-Dichloropropene	7.04	75	34978	4.889	ug/l	#	47
37) Ethyl Acetate	6.06	43	11407	3.398	ug/l	#	66
38) Carbon Tetrachloride	7.04	117	45117	5.725	ug/l	#	15
43) Isopropyl Acetate	9.54	43	7673	1.650	ug/l	#	43
81) trans-1,4-Dichloro-2-buten	13.55	75	73292	107.932	ug/l	#	17

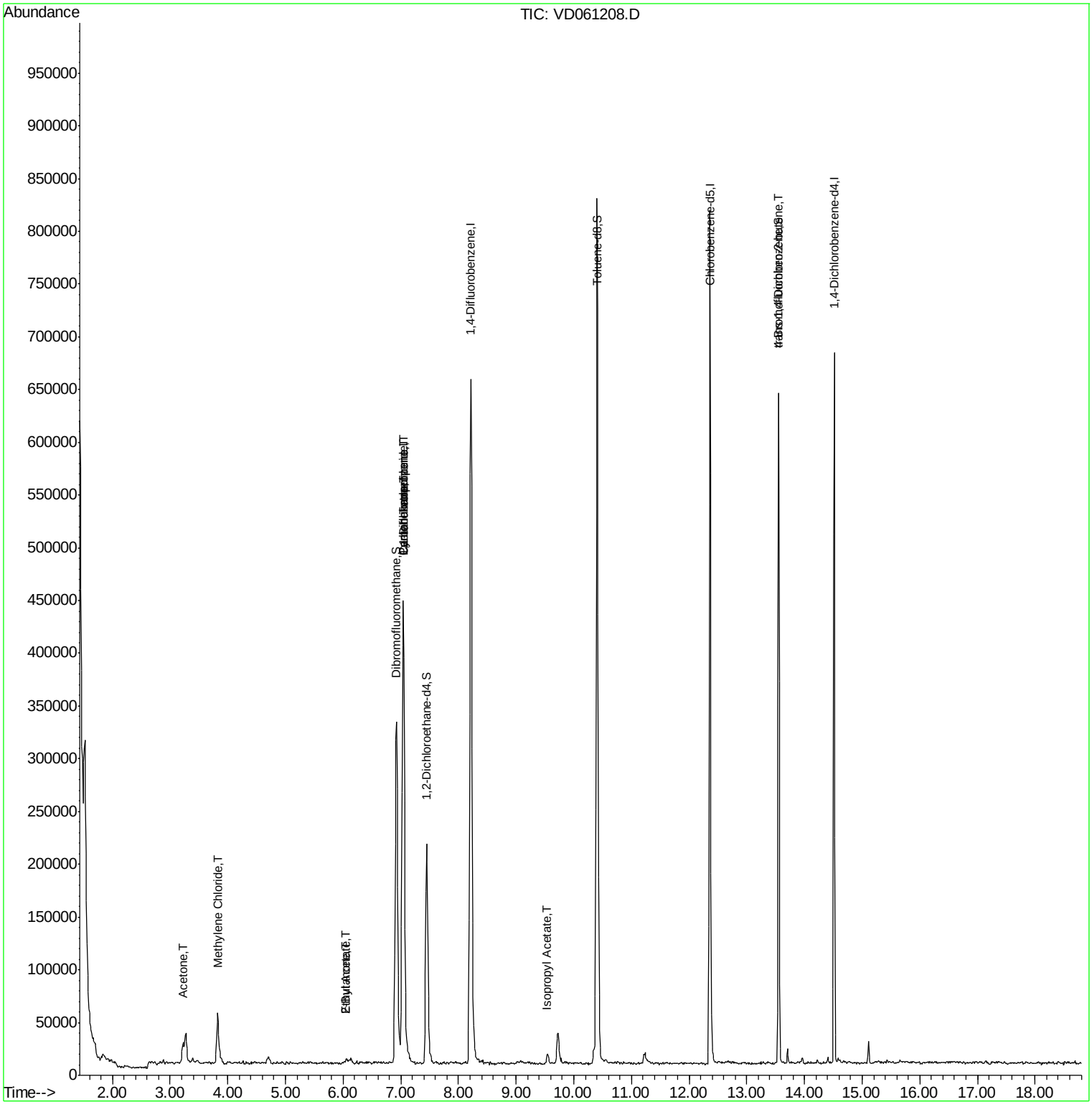
(#) = qualifier out of range (m) = manual integration (+) = signals summed

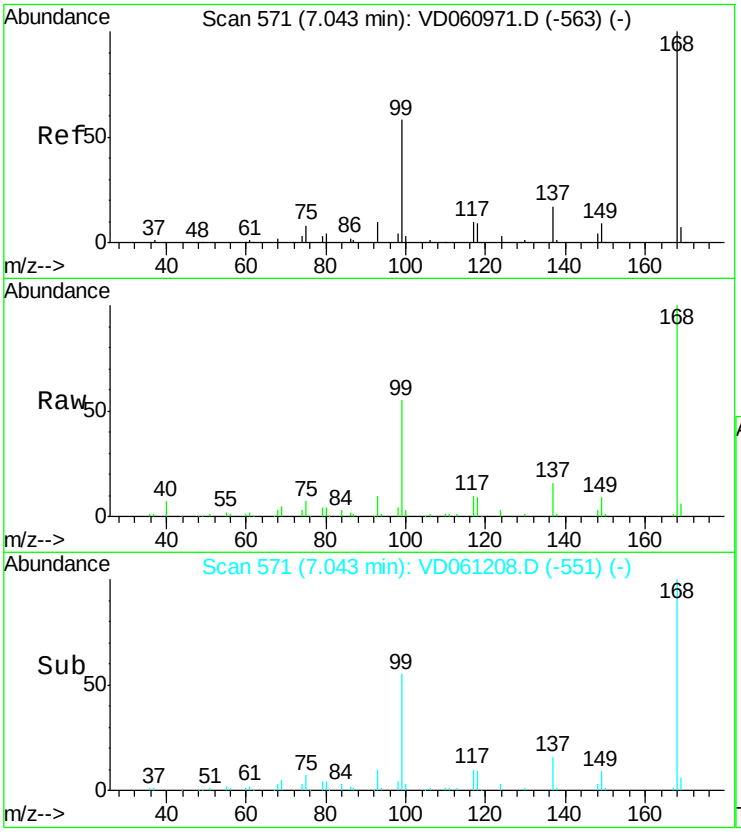
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032019\
Data File : VD061208.D
Acq On : 20 Mar 2019 15:18
Operator : VA/AP
Sample : K1987-05RE
Misc : 5.10g/5ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
20190147-COMPOSITE-FRE

Quant Time: Mar 22 02:00:22 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



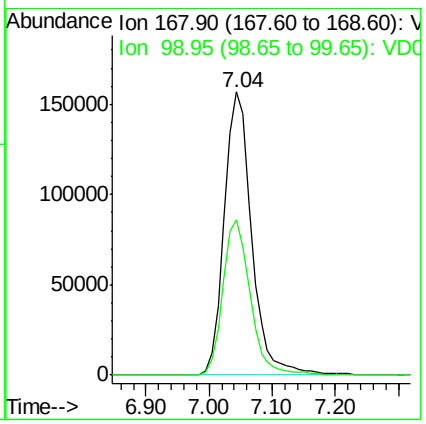


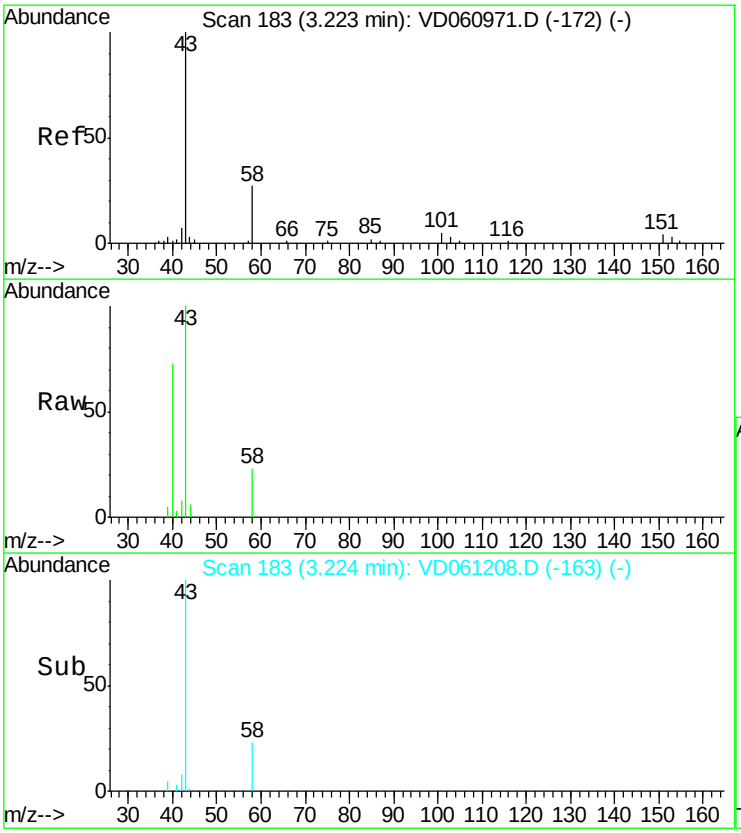
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.04 min Scan# 571
Delta R.T. 0.00 min
Lab File: VD061208.D
Acq: 20 Mar 2019 15:18

Instrument :
MSVOA_D
ClientSampleId :
20190147-COMPOSITE-FRE

Tgt Ion:168 Resp: 471361

Ion	Ratio	Lower	Upper
168	100		
99	54.9	47.3	70.9

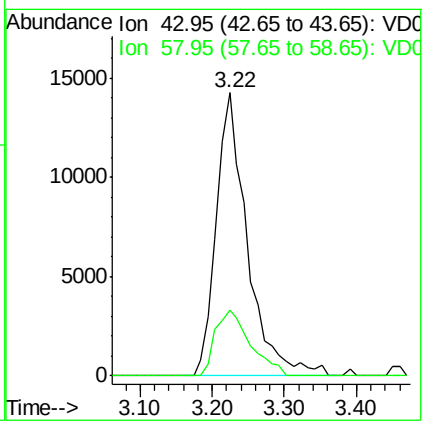


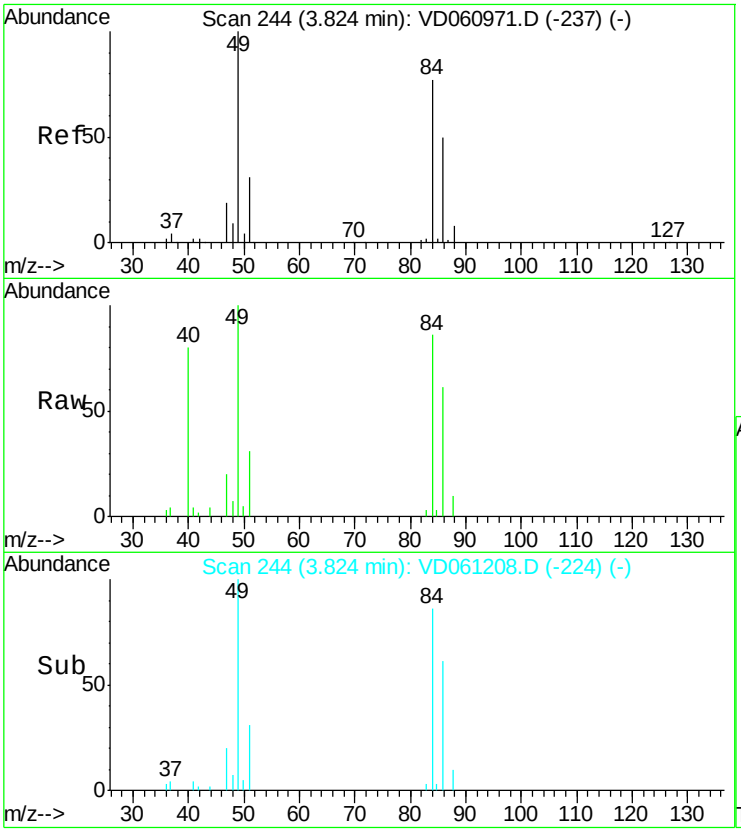


#16
Acetone
Concen: 37.943 ug/l
RT: 3.22 min Scan# 183
Delta R.T. 0.00 min
Lab File: VD061208.D
Acq: 20 Mar 2019 15:18

Tgt Ion: 43 Resp: 42571

Ion	Ratio	Lower	Upper
43	100		
58	23.1	21.6	32.4



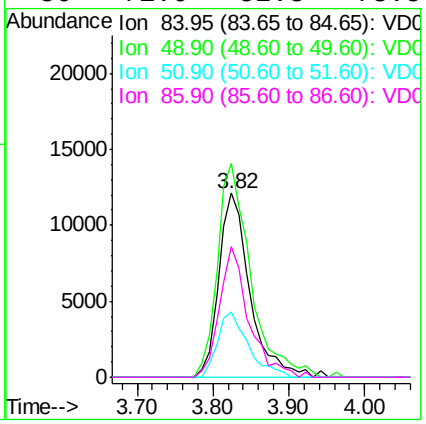


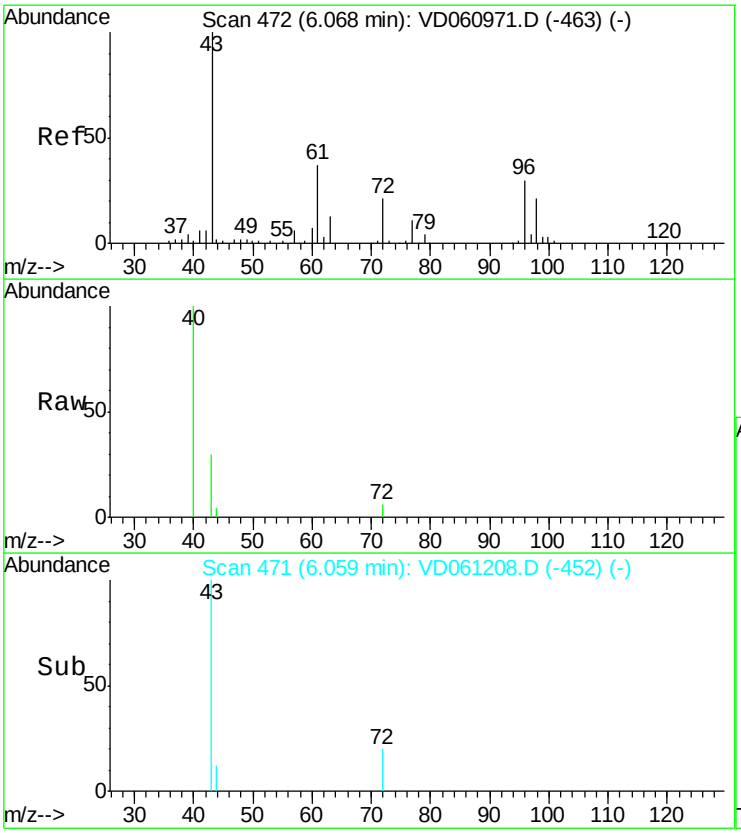
#20
Methylene Chloride
Concen: 2.291 ug/l
RT: 3.82 min Scan# 244
Delta R.T. 0.00 min
Lab File: VD061208.D
Acq: 20 Mar 2019 15:18

Instrument :
MSVOA_D
ClientSampleId :
20190147-COMPOSITE-FRE

Tgt Ion: 84 Resp: 34486

Ion	Ratio	Lower	Upper
84	100		
49	116.0	104.2	156.2
51	35.7	32.3	48.5
86	71.0	52.3	78.5

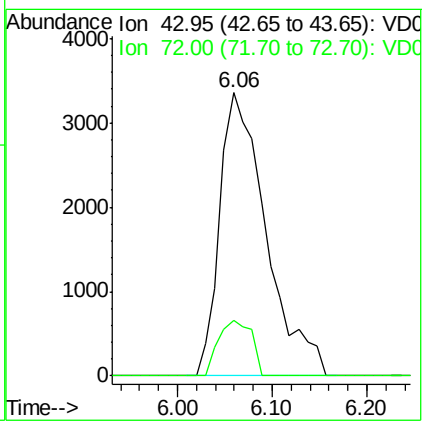


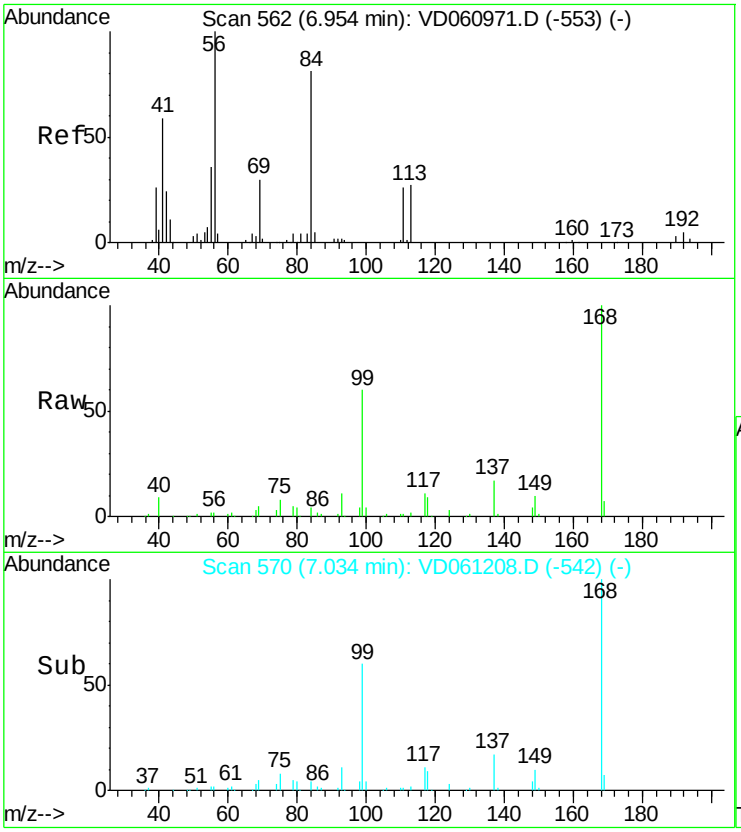


#25
2-Butanone
Concen: 8.960 ug/l
RT: 6.06 min Scan# 471
Delta R.T. -0.01 min
Lab File: VD061208.D
Acq: 20 Mar 2019 15:18

Tgt Ion: 43 Resp: 11407

Ion	Ratio	Lower	Upper
43	100		
72	19.8	16.7	25.1



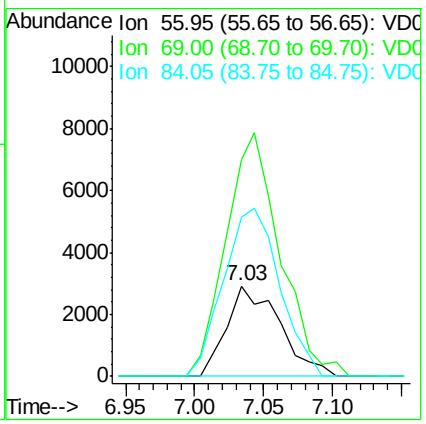


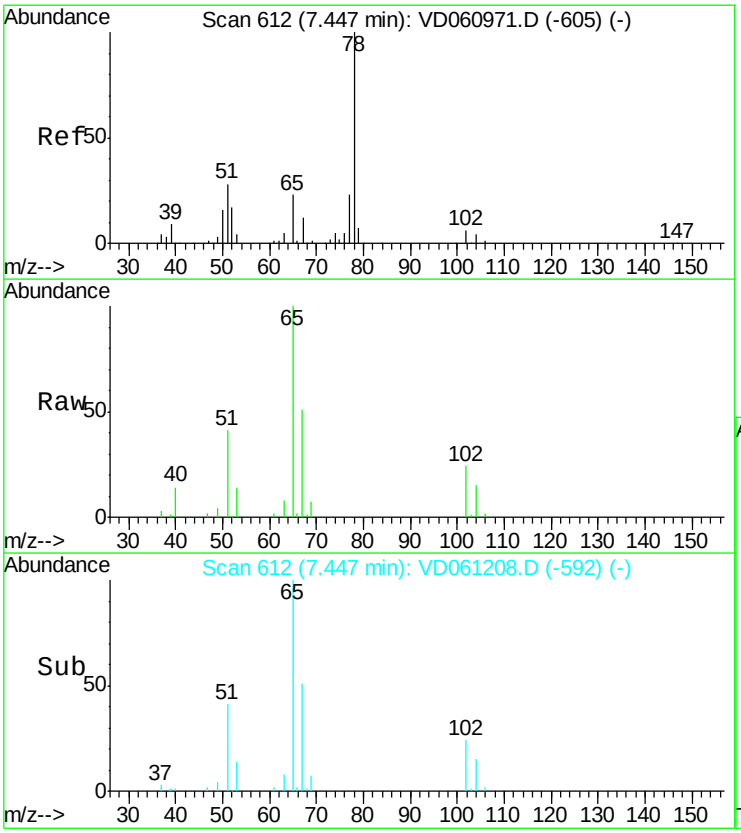
#31
Cyclohexane
Concen: 1.130 ug/l
RT: 7.03 min Scan# 570
Delta R.T. 0.08 min
Lab File: VD061208.D
Acq: 20 Mar 2019 15:18

Instrument :
MSVOA_D
ClientSampleId :
20190147-COMPOSITE-FRE

Tgt Ion: 56 Resp: 7843

Ion	Ratio	Lower	Upper
56	100		
69	239.8	24.0	36.0#
84	176.4	65.8	98.6#

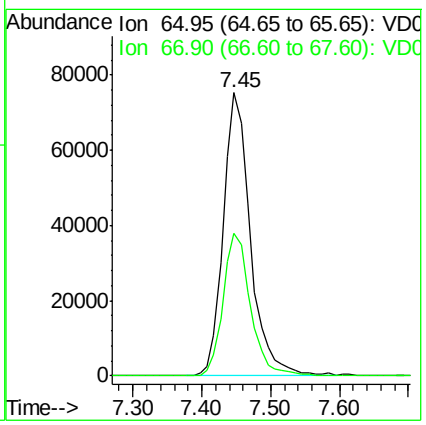


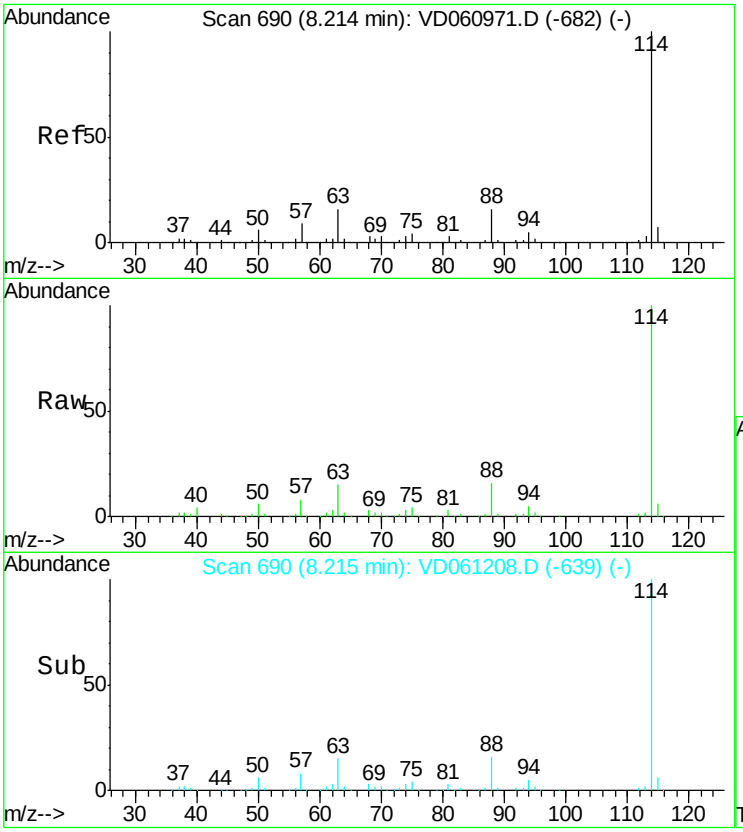


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.45 min Scan# 612
Delta R.T. 0.00 min
Lab File: VD061208.D
Acq: 20 Mar 2019 15:18

Tgt Ion: 65 Resp: 205426

Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	105.2



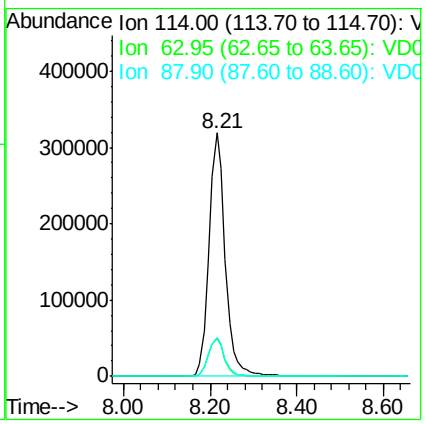


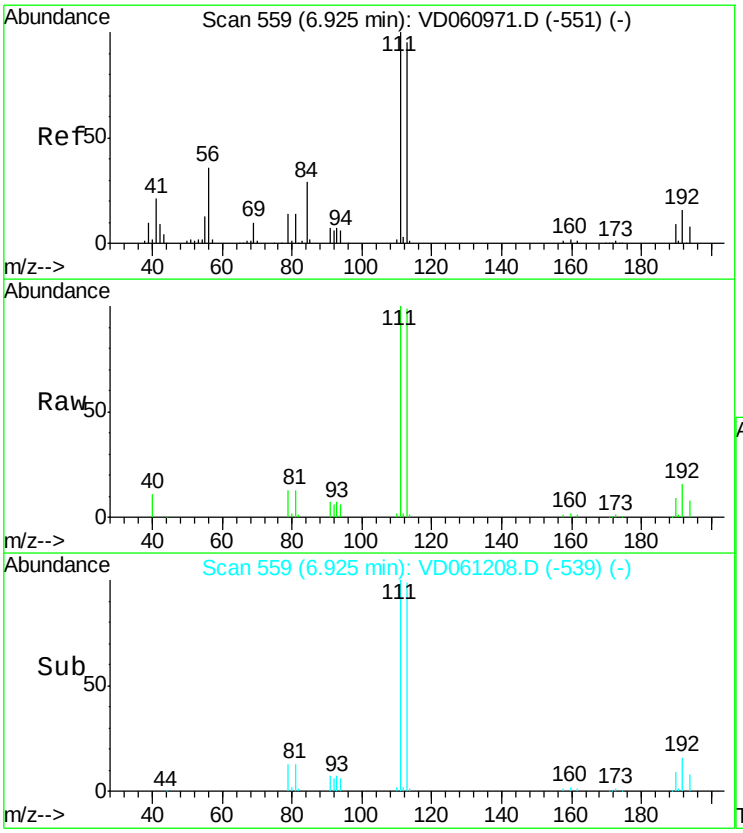
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.21 min Scan# 690
Delta R.T. 0.00 min
Lab File: VD061208.D
Acq: 20 Mar 2019 15:18

Instrument :
MSVOA_D
ClientSampleId :
20190147-COMPOSITE-FRE

Tgt Ion:114 Resp: 829956

Ion	Ratio	Lower	Upper
114	100		
63	15.2	0.0	31.4
88	15.9	0.0	33.0

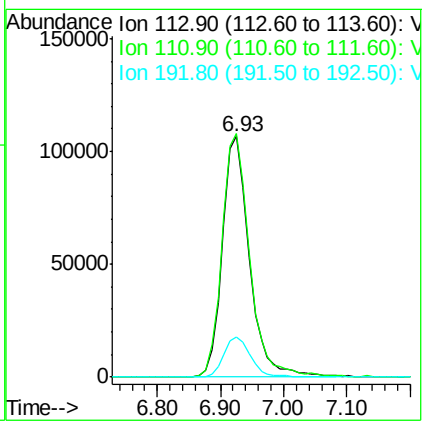


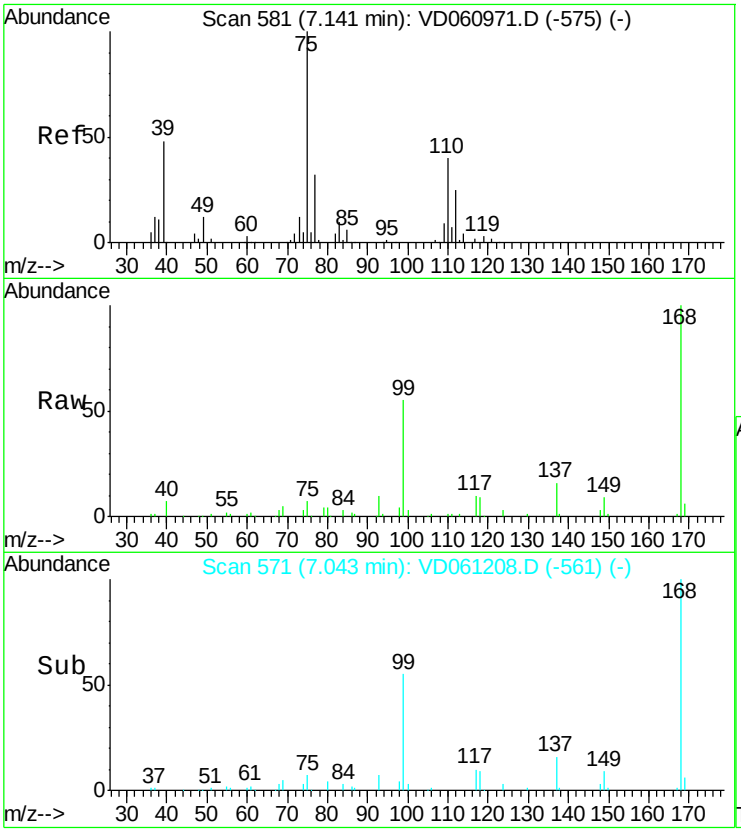


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.93 min Scan# 559
Delta R.T. 0.00 min
Lab File: VD061208.D
Acq: 20 Mar 2019 15:18

Tgt Ion:113 Resp: 318942

Ion	Ratio	Lower	Upper
113	100		
111	101.1	84.2	126.4
192	16.7	13.1	19.7



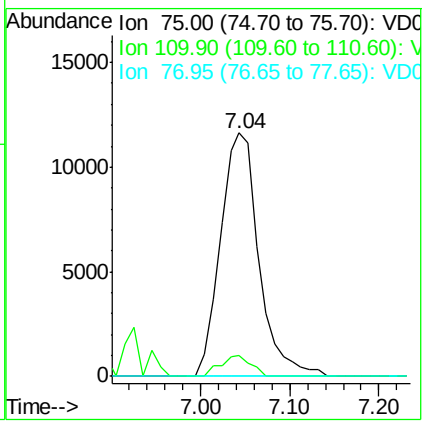


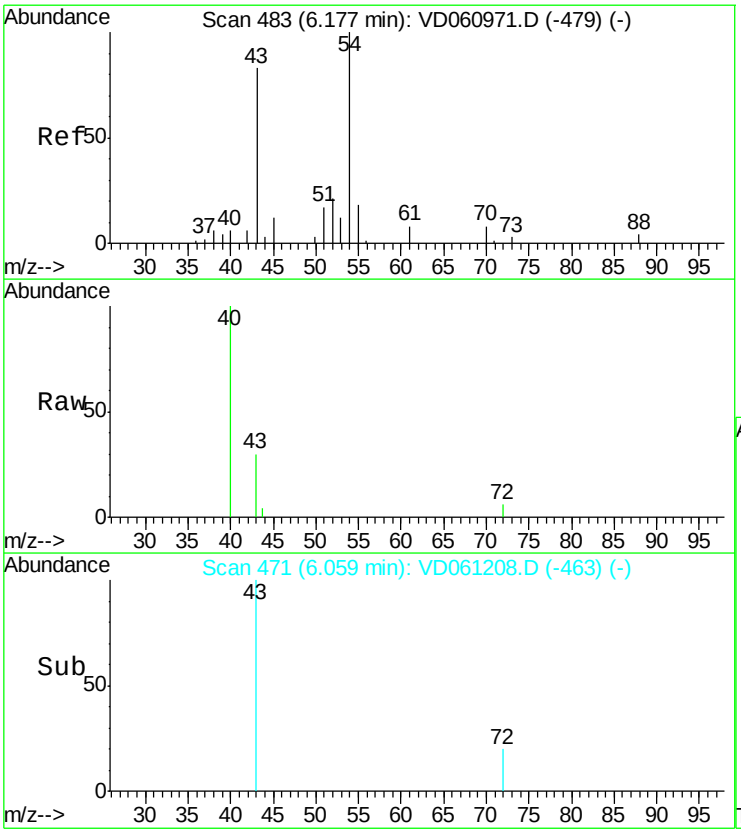
#36
1,1-Dichloropropene
Concen: 4.889 ug/l
RT: 7.04 min Scan# 571
Delta R.T. -0.10 min
Lab File: VD061208.D
Acq: 20 Mar 2019 15:18

Instrument :
MSVOA_D
ClientSampleId :
20190147-COMPOSITE-FRE

Tgt Ion: 75 Resp: 34978

Ion	Ratio	Lower	Upper
75	100		
110	8.4	19.7	59.1#
77	0.0	24.7	37.1#

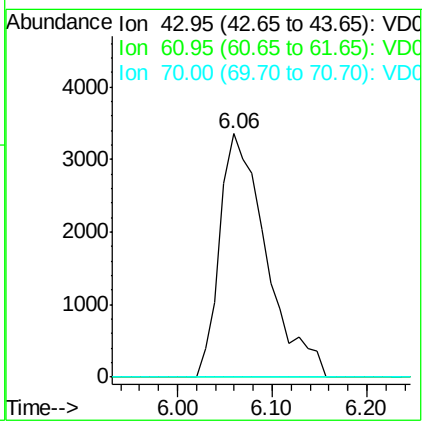


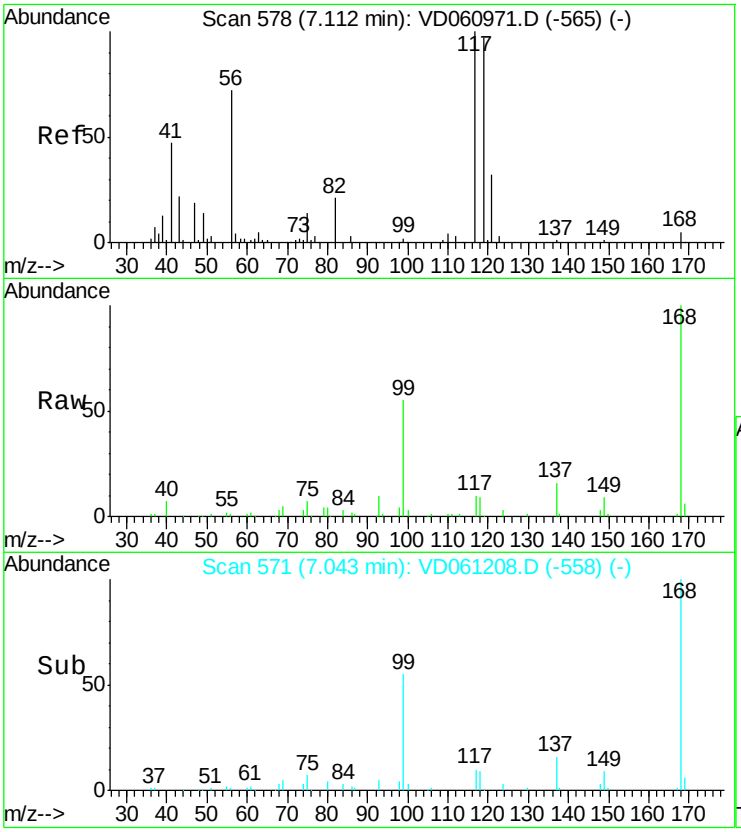


#37
Ethyl Acetate
Concen: 3.398 ug/l
RT: 6.06 min Scan# 471
Delta R.T. -0.12 min
Lab File: VD061208.D
Acq: 20 Mar 2019 15:18

Tgt Ion: 43 Resp: 11407

Ion	Ratio	Lower	Upper
43	100		
61	0.0	13.7	20.5#
70	0.0	7.1	10.7#



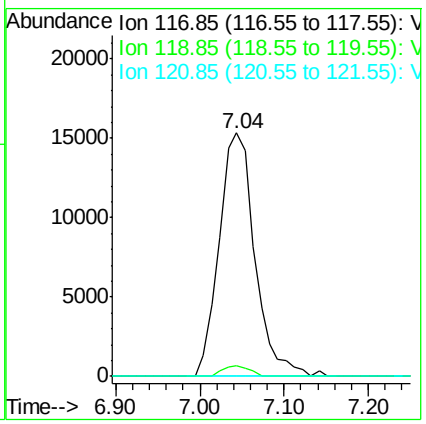


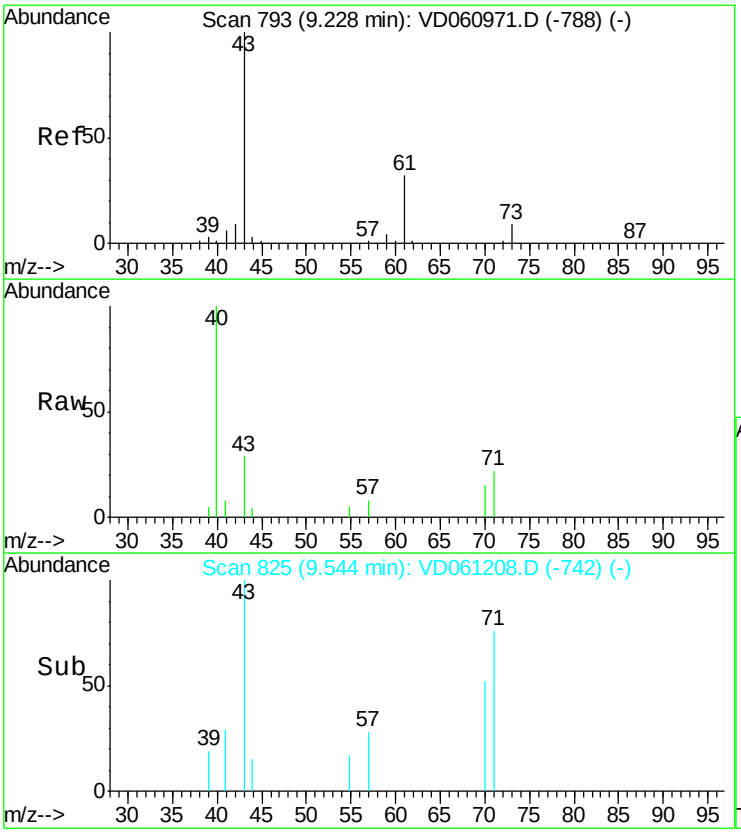
#38
Carbon Tetrachloride
Concen: 5.725 ug/l
RT: 7.04 min Scan# 571
Delta R.T. -0.07 min
Lab File: VD061208.D
Acq: 20 Mar 2019 15:18

Instrument :
MSVOA_D
ClientSampleId :
20190147-COMPOSITE-FRE

Tgt Ion:117 Resp: 45117

Ion	Ratio	Lower	Upper
117	100		
119	4.3	77.8	116.8#
121	0.0	25.3	37.9#

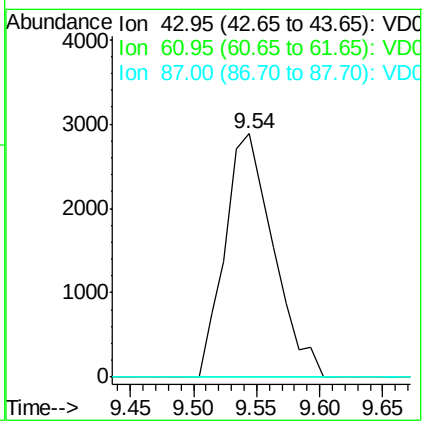


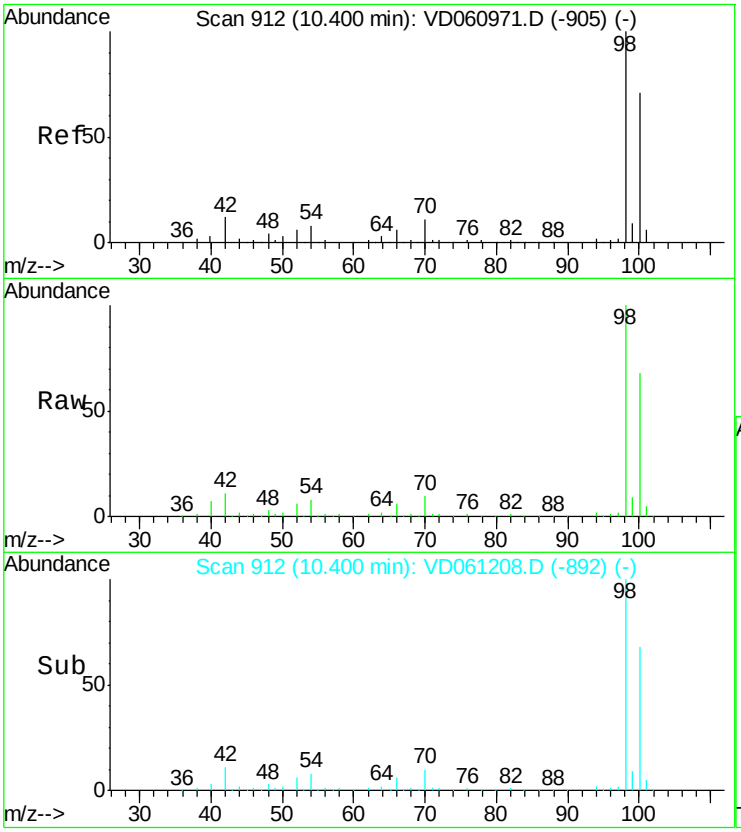


#43
Isopropyl Acetate
Concen: 1.650 ug/l
RT: 9.54 min Scan# 825
Delta R.T. 0.32 min
Lab File: VD061208.D
Acq: 20 Mar 2019 15:18

Tgt Ion: 43 Resp: 7673

Ion	Ratio	Lower	Upper
43	100		
61	0.0	25.6	38.4#
87	0.0	0.2	0.4#



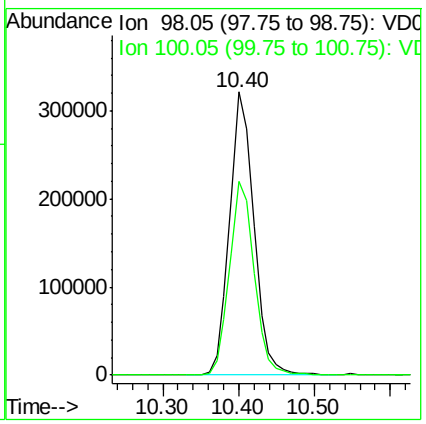


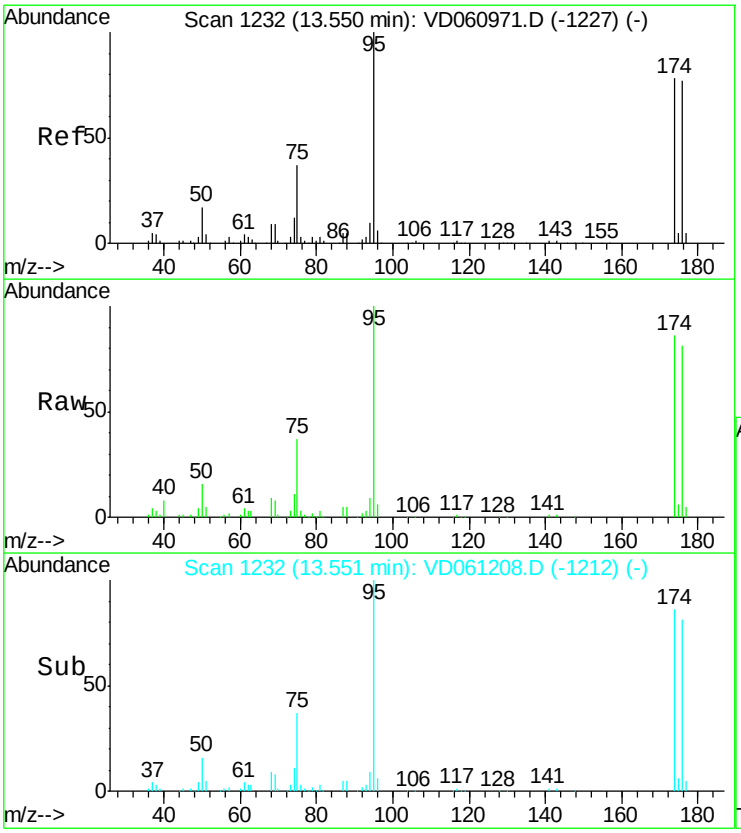
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.40 min Scan# 912
Delta R.T. 0.00 min
Lab File: VD061208.D
Acq: 20 Mar 2019 15:18

Instrument :
MSVOA_D
ClientSampleId :
20190147-COMPOSITE-FRE

Tgt Ion: 98 Resp: 714702

Ion	Ratio	Lower	Upper
98	100		
100	68.4	57.4	86.2

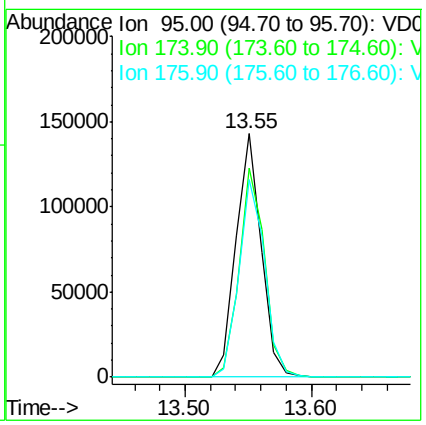


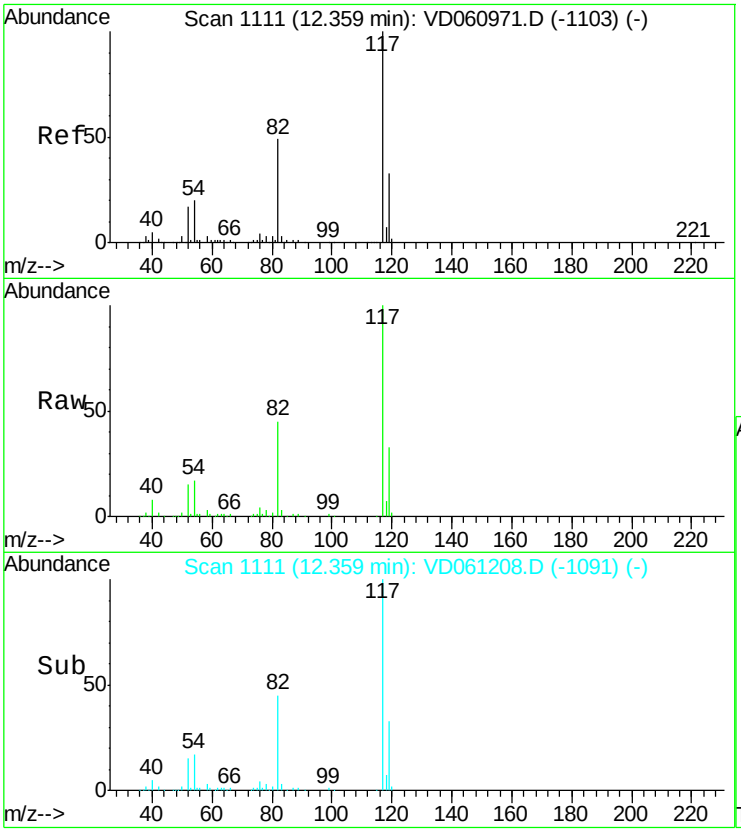


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD061208.D
Acq: 20 Mar 2019 15:18

Tgt Ion: 95 Resp: 195271

Ion	Ratio	Lower	Upper
95	100		
174	85.9	0.0	155.6
176	81.4	0.0	153.8



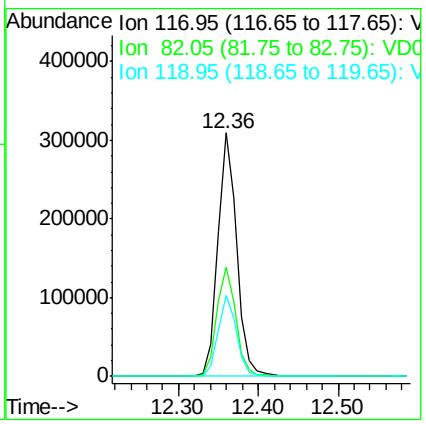


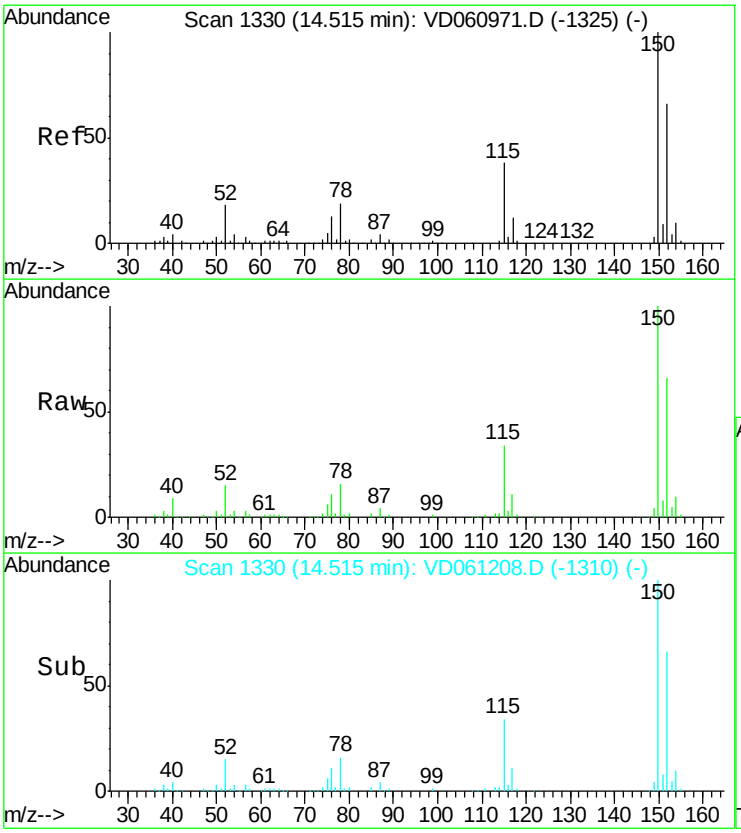
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD061208.D
Acq: 20 Mar 2019 15:18

Instrument :
MSVOA_D
ClientSampleId :
20190147-COMPOSITE-FRE

Tgt Ion:117 Resp: 517797

Ion	Ratio	Lower	Upper
117	100		
82	45.0	38.9	58.3
119	33.1	26.6	39.8

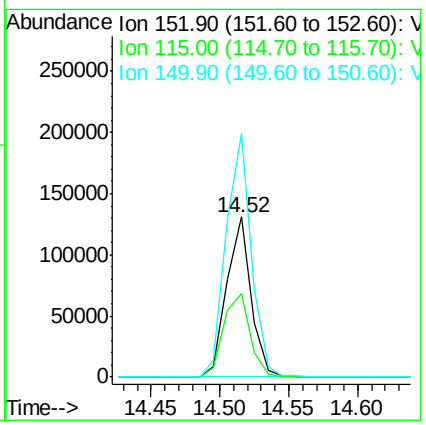


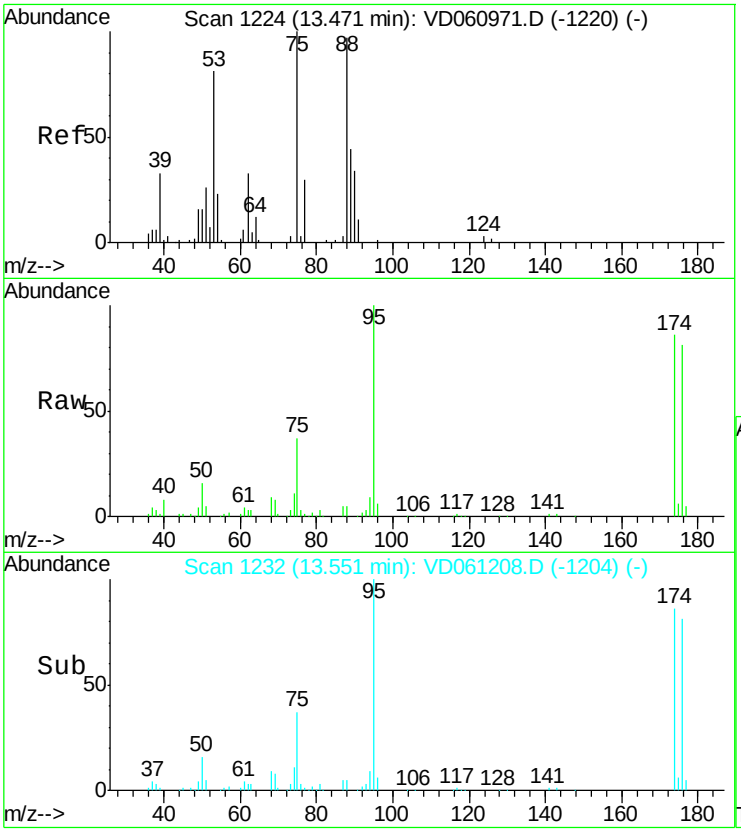


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD061208.D
Acq: 20 Mar 2019 15:18

Tgt Ion:152 Resp: 160097

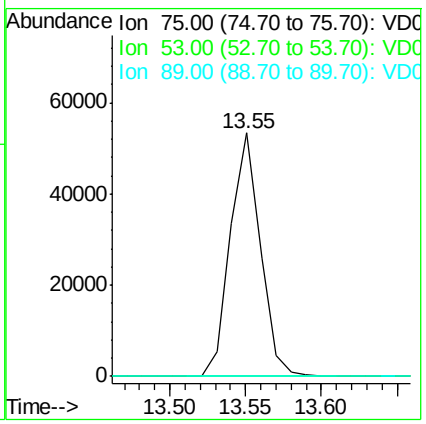
Ion	Ratio	Lower	Upper
152	100		
115	52.2	28.6	85.9
150	152.2	0.0	310.6





#81
trans-1,4-Dichloro-2-butene
Concen: 107.932 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.08 min
Lab File: VD061208.D
Acq: 20 Mar 2019 15:18

Instrument :
MSVOA_D
ClientSampleId :
20190147-COMPOSITE-FRE

Tgt Ion: 75 Resp: 73292

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