Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD032019\
Data File : VD061214.D
Acq On : 20 Mar 2019 18:03
Operator : VA/AP
Sample : K1984-06RE
Misc : 5.56g/5ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : SB-13(13.5-14.5)

Quant Time: Mar 22 02:01:59 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	7.05	168	514299	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.22	114	946125	50.00	ug/l		0.00
63) Chlorobenzene-d5	12.36	117	693557	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	286872	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	7.45	65	218178	50.97	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.94%				
35) Dibromofluoromethane	6.92	113	399460	56.89	ug/l		0.00
Spiked Amount 50.000			Recovery = 113.78%				
50) Toluene-d8	10.40	98	913609	51.81	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.62%				
62) 4-Bromofluorobenzene	13.55	95	332963	48.67	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.34%				
Target Compounds							Qvalue
16) Acetone	3.22	43	12899	10.537	ug/l		98
17) Carbon Disulfide	3.39	76	52146	2.994	ug/l		96
20) Methylene Chloride	3.83	84	64429	7.587	ug/l		91
25) 2-Butanone	6.08	43	3326	2.394	ug/l	#	55
31) Cyclohexane	7.05	56	8530	1.126	ug/l	#	1
36) 1,1-Dichloropropene	7.04	75	36494	4.475	ug/l	#	45
38) Carbon Tetrachloride	7.05	117	49608	5.522	ug/l	#	14
51) 4-Methyl-2-Pentanone	10.40	43	4265	1.313	ug/l	#	1
81) trans-1,4-Dichloro-2-buten	13.55	75	120988	99.433	ug/l	#	17
90) Hexachloroethane	15.14	117	9089	1.878	ug/l	#	13

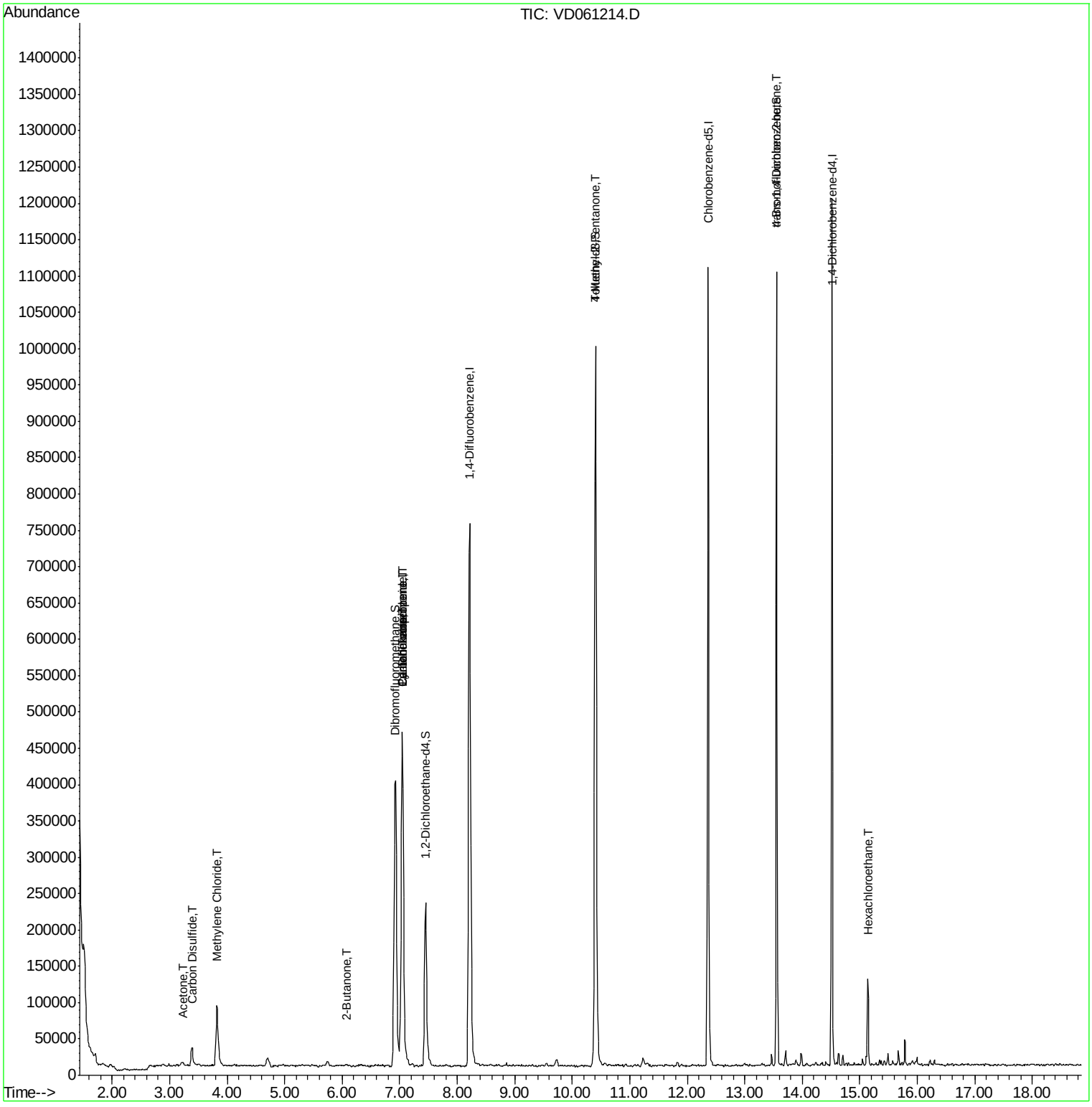
(#) = qualifier out of range (m) = manual integration (+) = signals summed

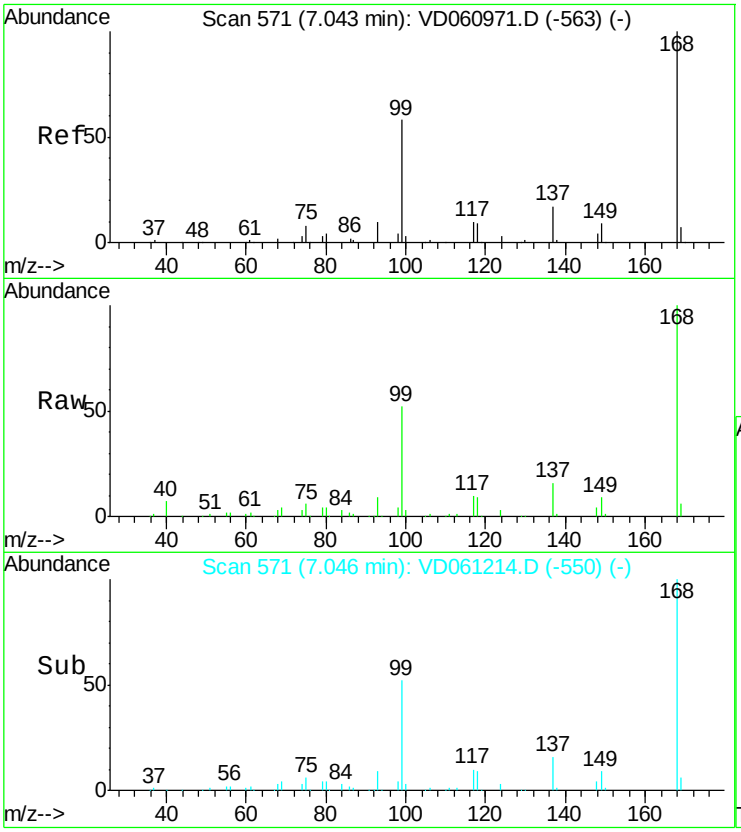
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032019\
Data File : VD061214.D
Acq On : 20 Mar 2019 18:03
Operator : VA/AP
Sample : K1984-06RE
Misc : 5.56g/5ml/MSVOA D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-13(13.5-14.5)

Quant Time: Mar 22 02:01:59 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



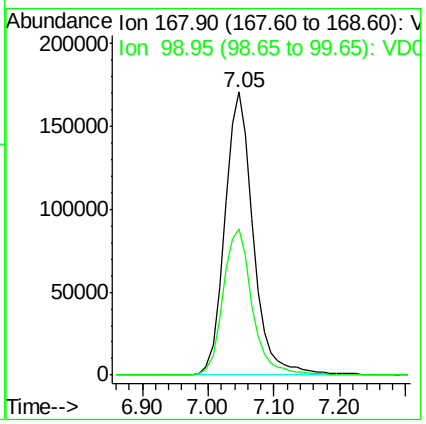


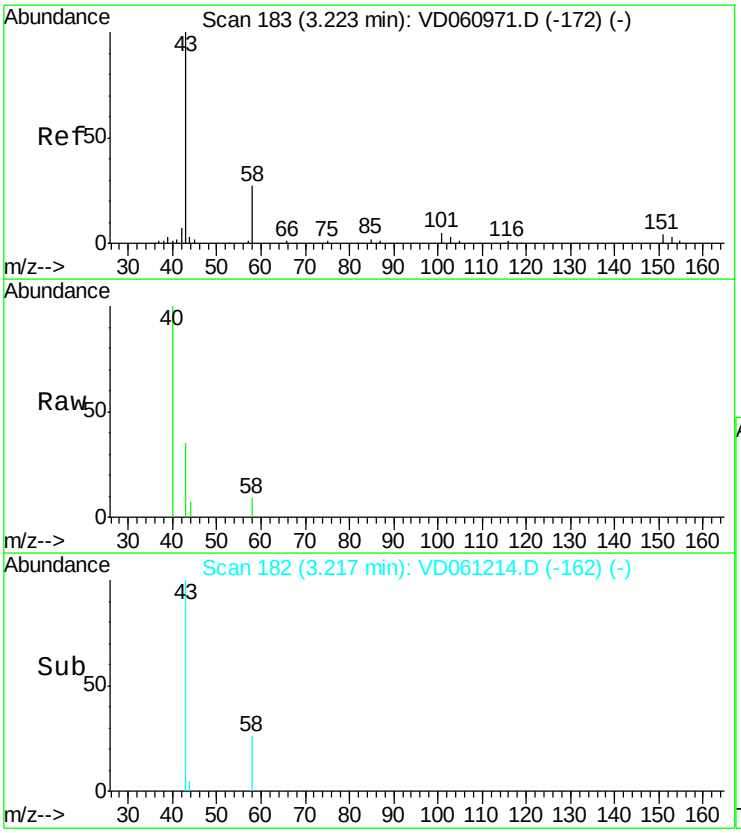
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.05 min Scan# 571
Delta R.T. 0.00 min
Lab File: VD061214.D
Acq: 20 Mar 2019 18:03

Instrument :
MSVOA_D
ClientSampleId :
SB-13(13.5-14.5)

Tgt Ion:168 Resp: 514299

Ion	Ratio	Lower	Upper
168	100		
99	51.6	47.3	70.9

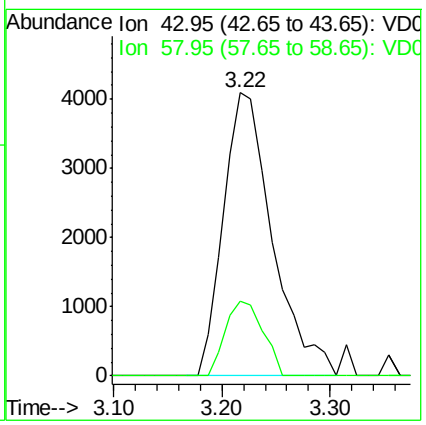


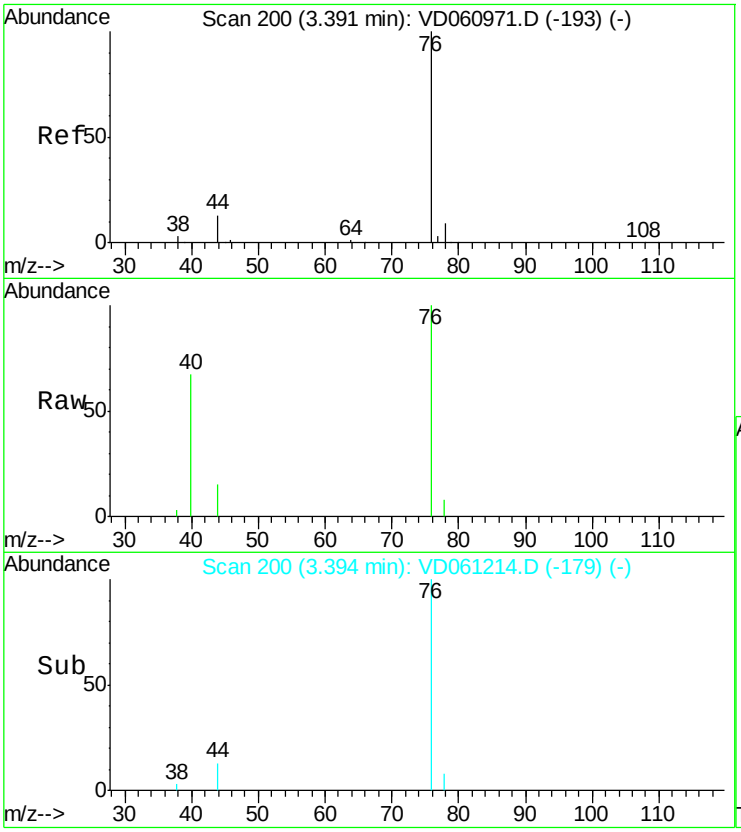


#16
Acetone
Concen: 10.537 ug/l
RT: 3.22 min Scan# 182
Delta R.T. -0.01 min
Lab File: VD061214.D
Acq: 20 Mar 2019 18:03

Tgt Ion: 43 Resp: 12899

Ion	Ratio	Lower	Upper
43	100		
58	26.2	21.6	32.4



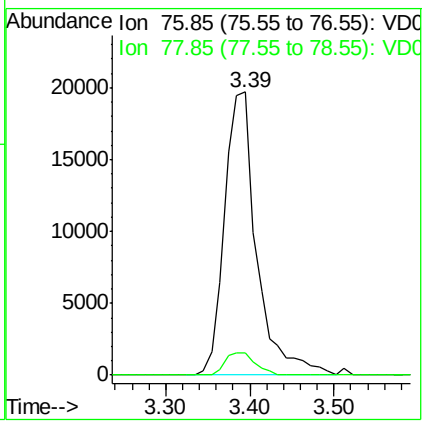


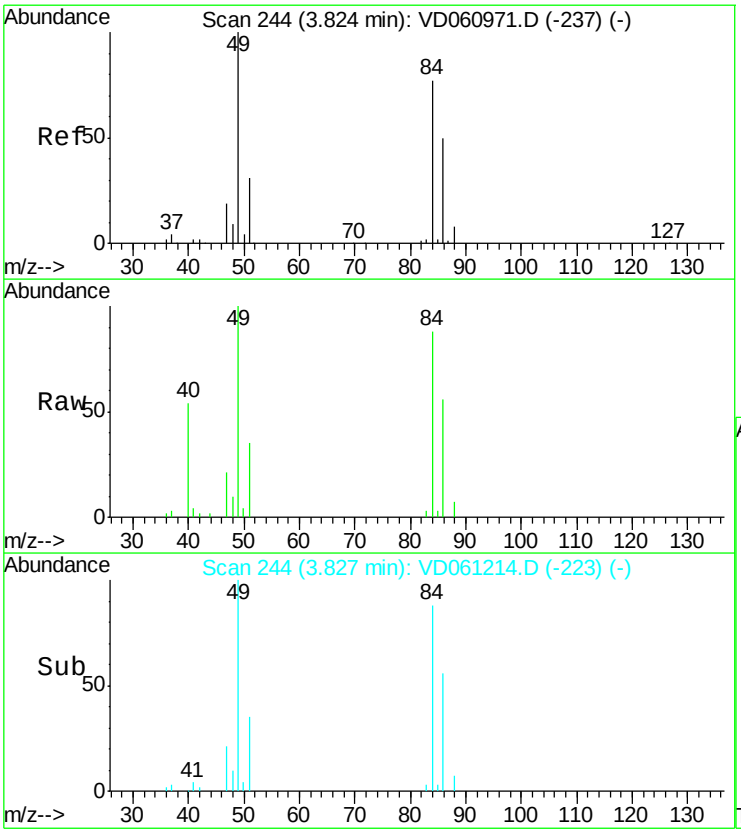
#17
Carbon Disulfide
Concen: 2.994 ug/l
RT: 3.39 min Scan# 200
Delta R.T. 0.00 min
Lab File: VD061214.D
Acq: 20 Mar 2019 18:03

Instrument :
MSVOA_D
ClientSampleId :
SB-13(13.5-14.5)

Tgt Ion: 76 Resp: 52146

Ion	Ratio	Lower	Upper
76	100		
78	8.0	7.4	11.2

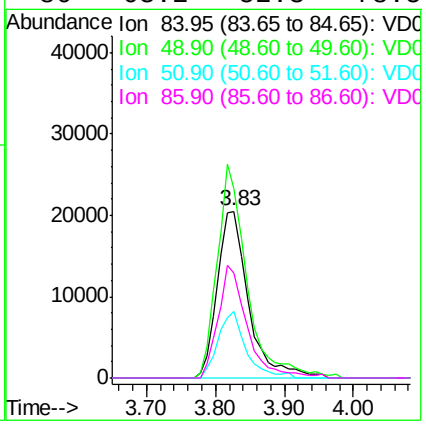


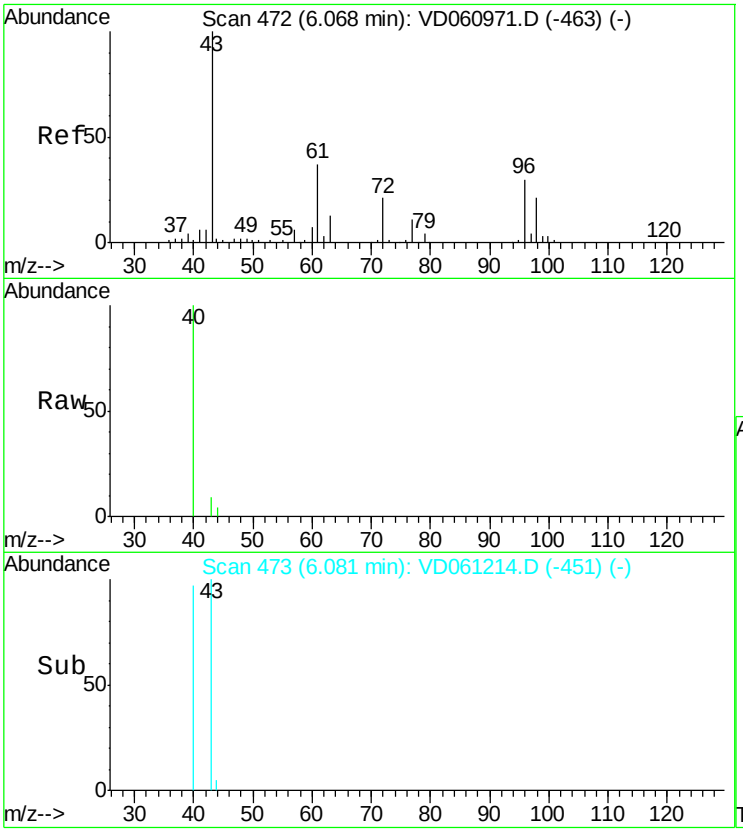


#20
Methylene Chloride
Concen: 7.587 ug/l
RT: 3.83 min Scan# 244
Delta R.T. 0.00 min
Lab File: VD061214.D
Acq: 20 Mar 2019 18:03

Tgt Ion: 84 Resp: 64429

Ion	Ratio	Lower	Upper
84	100		
49	113.1	104.2	156.2
51	39.7	32.3	48.5
86	63.2	52.3	78.5



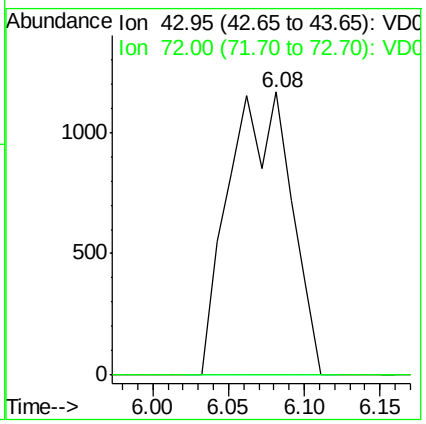


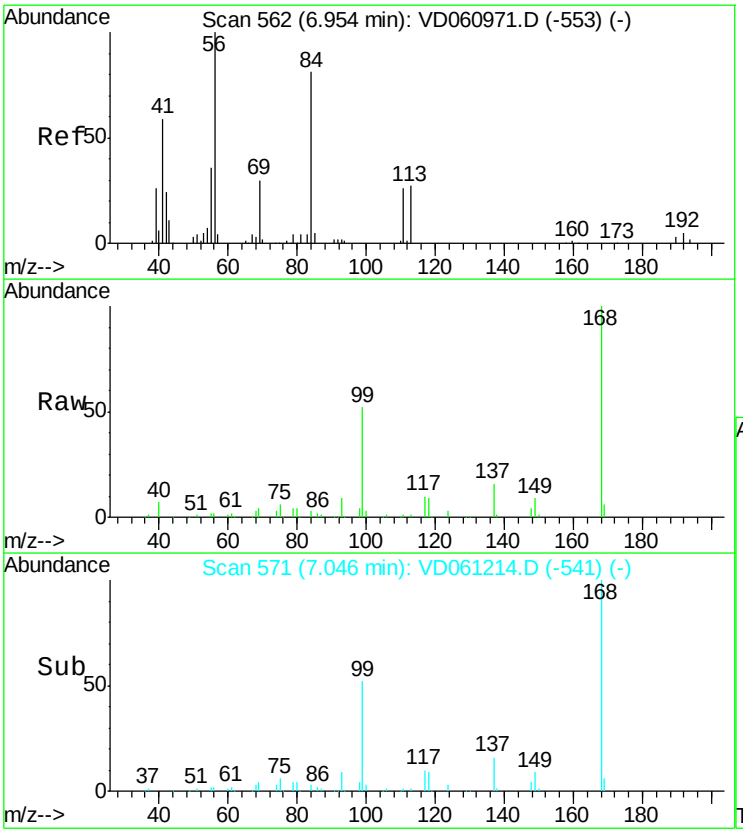
#25
2-Butanone
Concen: 2.394 ug/l
RT: 6.08 min Scan# 473
Delta R.T. 0.01 min
Lab File: VD061214.D
Acq: 20 Mar 2019 18:03

Instrument :
MSVOA_D
ClientSampleId :
SB-13(13.5-14.5)

Tgt Ion: 43 Resp: 3326

Ion	Ratio	Lower	Upper
43	100		
72	0.0	16.7	25.1#

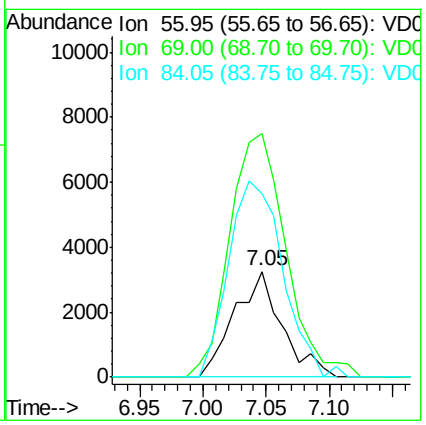


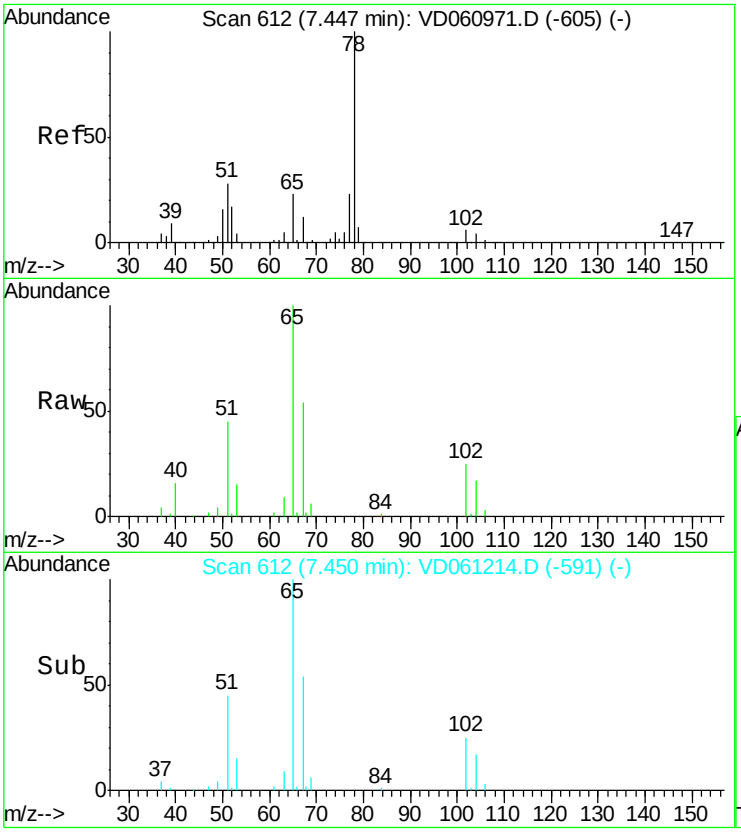


#31
Cyclohexane
Concen: 1.126 ug/l
RT: 7.05 min Scan# 571
Delta R.T. 0.09 min
Lab File: VD061214.D
Acq: 20 Mar 2019 18:03

Tgt Ion: 56 Resp: 8530

Ion	Ratio	Lower	Upper
56	100		
69	231.0	24.0	36.0#
84	174.5	65.8	98.6#



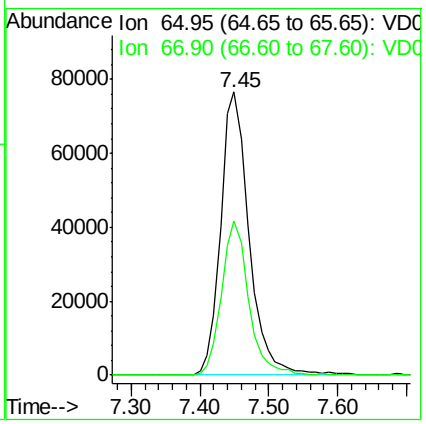


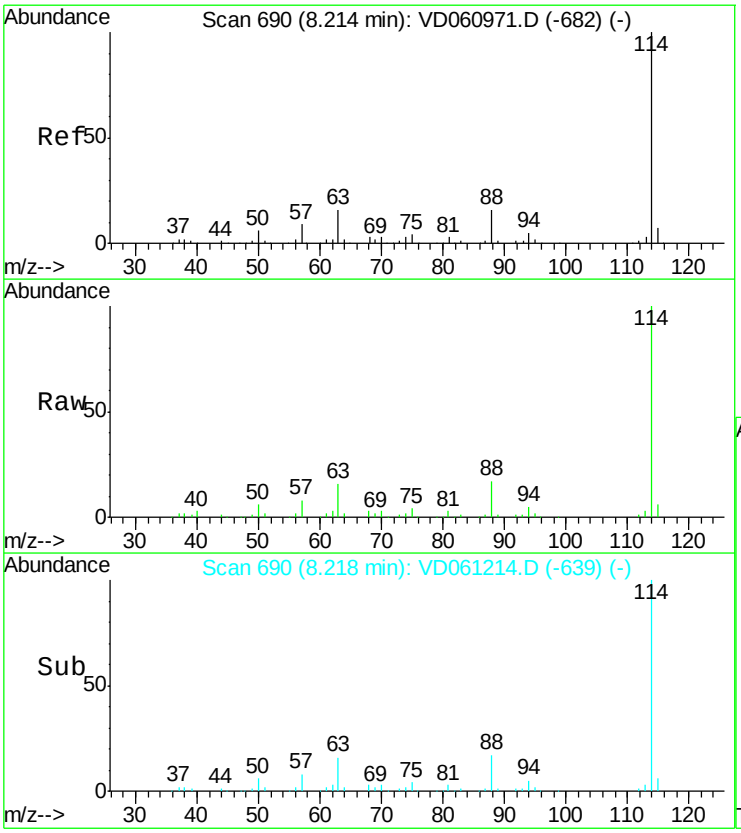
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.45 min Scan# 612
Delta R.T. 0.00 min
Lab File: VD061214.D
Acq: 20 Mar 2019 18:03

Instrument : MSVOA_D
ClientSampleId : SB-13(13.5-14.5)

Tgt Ion: 65 Resp: 218178

Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	105.2

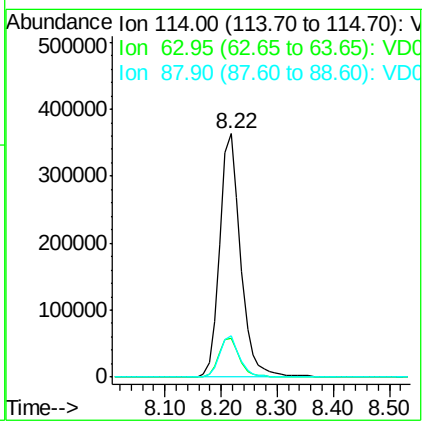


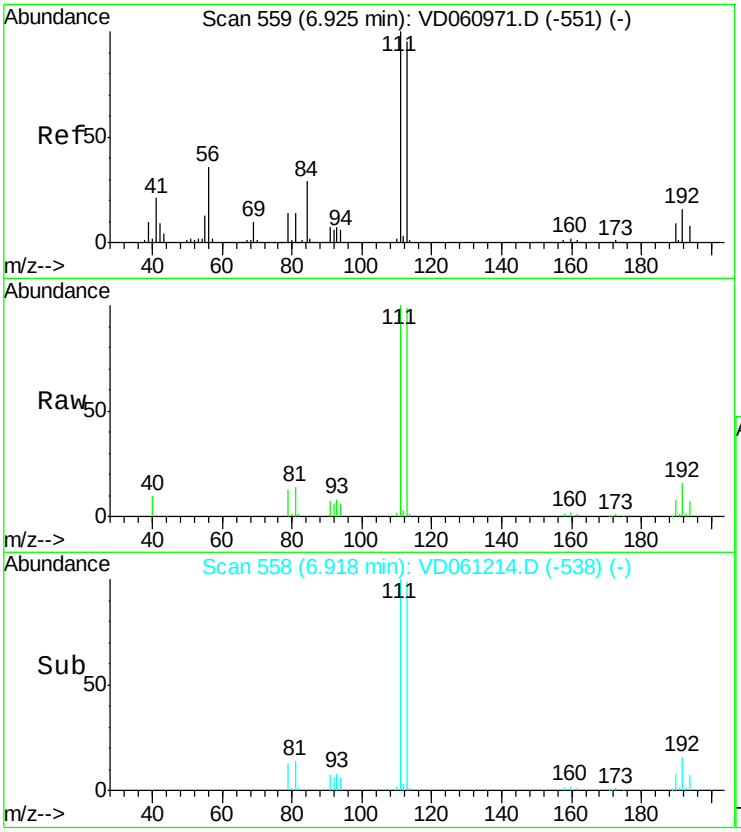


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.22 min Scan# 690
Delta R.T. 0.00 min
Lab File: VD061214.D
Acq: 20 Mar 2019 18:03

Tgt Ion:114 Resp: 946125

Ion	Ratio	Lower	Upper
114	100		
63	15.9	0.0	31.4
88	16.8	0.0	33.0



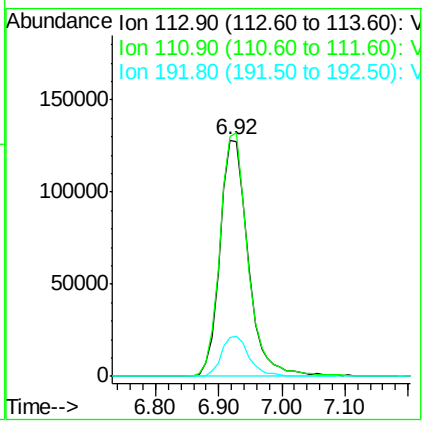


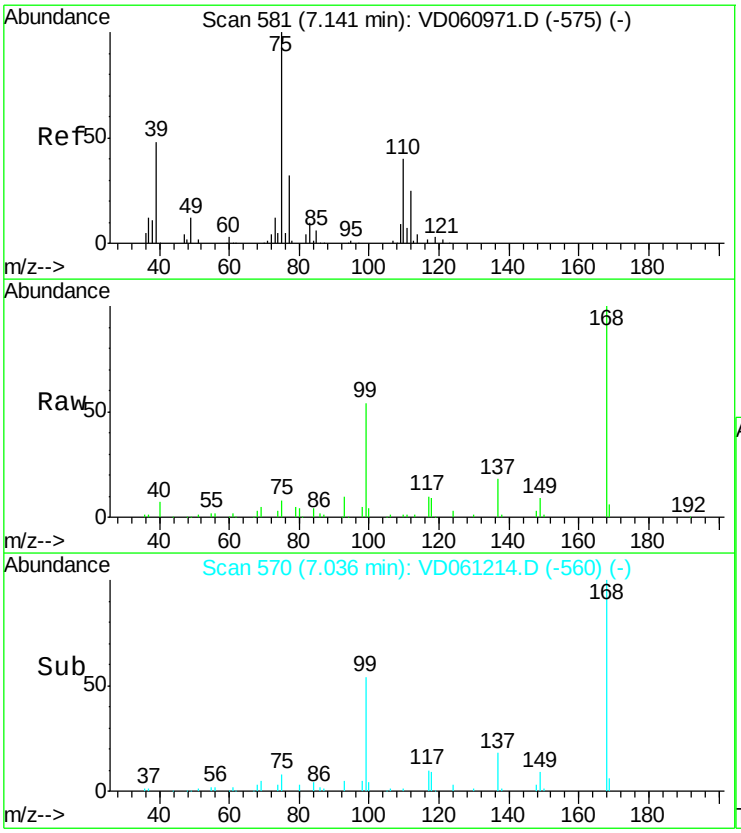
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.92 min Scan# 558
Delta R.T. -0.01 min
Lab File: VD061214.D
Acq: 20 Mar 2019 18:03

Instrument :
MSVOA_D
ClientSampleId :
SB-13(13.5-14.5)

Tgt Ion:113 Resp: 399460

Ion	Ratio	Lower	Upper
113	100		
111	101.5	84.2	126.4
192	16.3	13.1	19.7

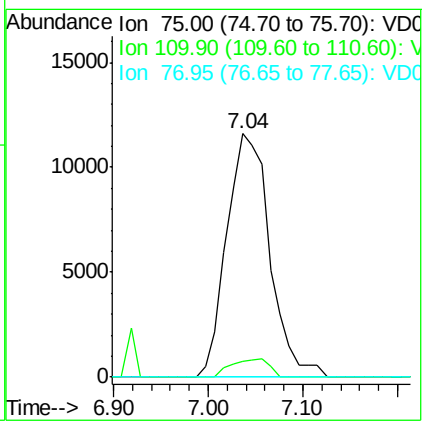


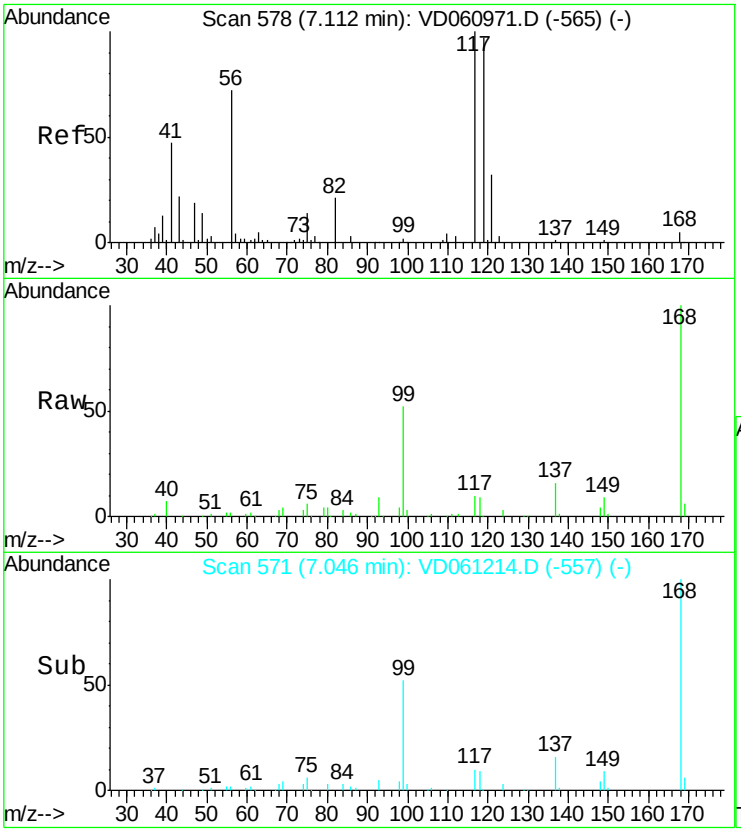


#36
1,1-Dichloropropene
Concen: 4.475 ug/l
RT: 7.04 min Scan# 570
Delta R.T. -0.10 min
Lab File: VD061214.D
Acq: 20 Mar 2019 18:03

Tgt Ion: 75 Resp: 36494

Ion	Ratio	Lower	Upper
75	100		
110	6.7	19.7	59.1#
77	0.0	24.7	37.1#



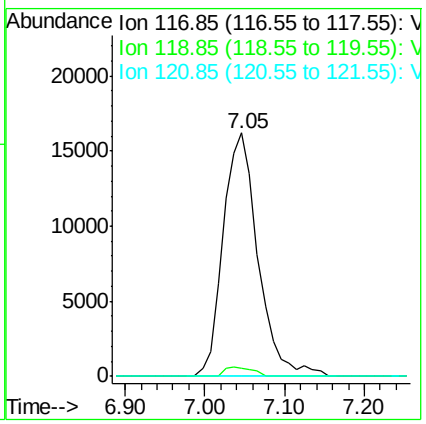


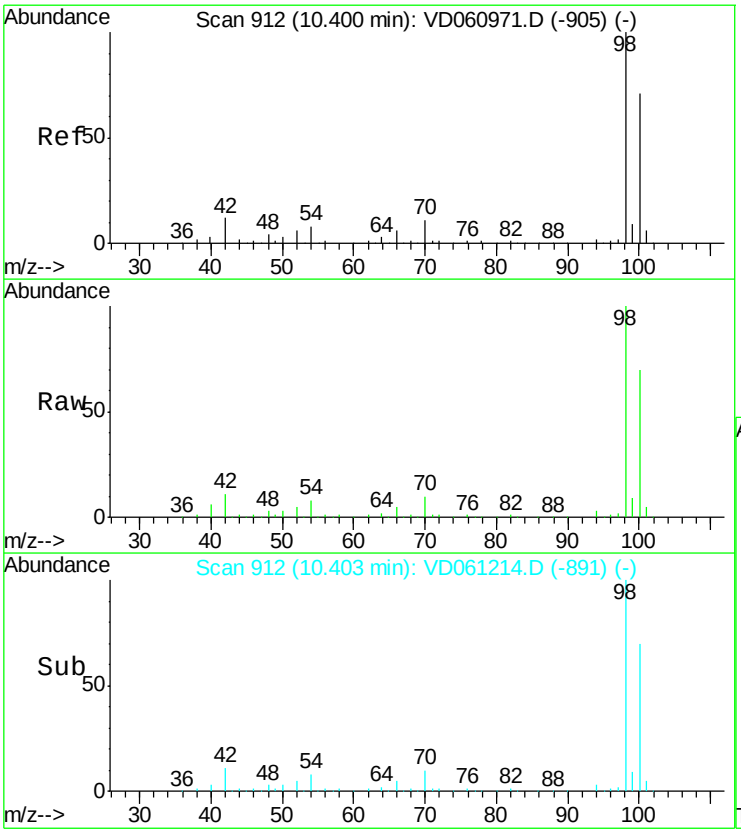
#38
Carbon Tetrachloride
Concen: 5.522 ug/l
RT: 7.05 min Scan# 571
Delta R.T. -0.07 min
Lab File: VD061214.D
Acq: 20 Mar 2019 18:03

Instrument : MSVOA_D
ClientSampleId : SB-13(13.5-14.5)

Tgt Ion:117 Resp: 49608

Ion	Ratio	Lower	Upper
117	100		
119	3.4	77.8	116.8#
121	0.0	25.3	37.9#

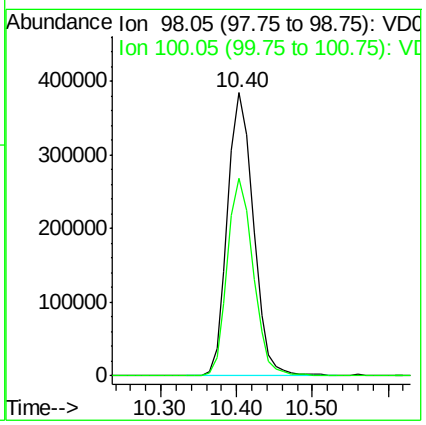


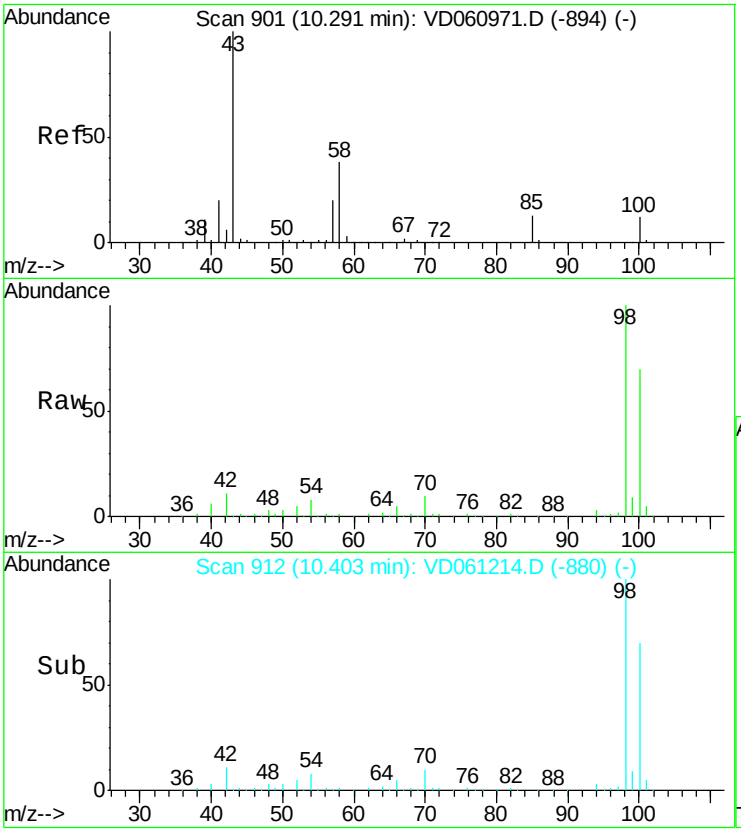


#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.40 min Scan# 912
Delta R.T. 0.00 min
Lab File: VD061214.D
Acq: 20 Mar 2019 18:03

Tgt Ion: 98 Resp: 913609

Ion	Ratio	Lower	Upper
98	100		
100	70.0	57.4	86.2



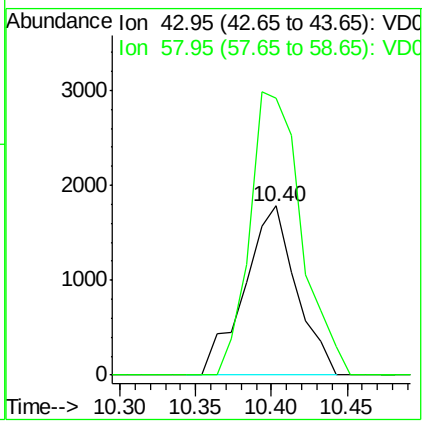


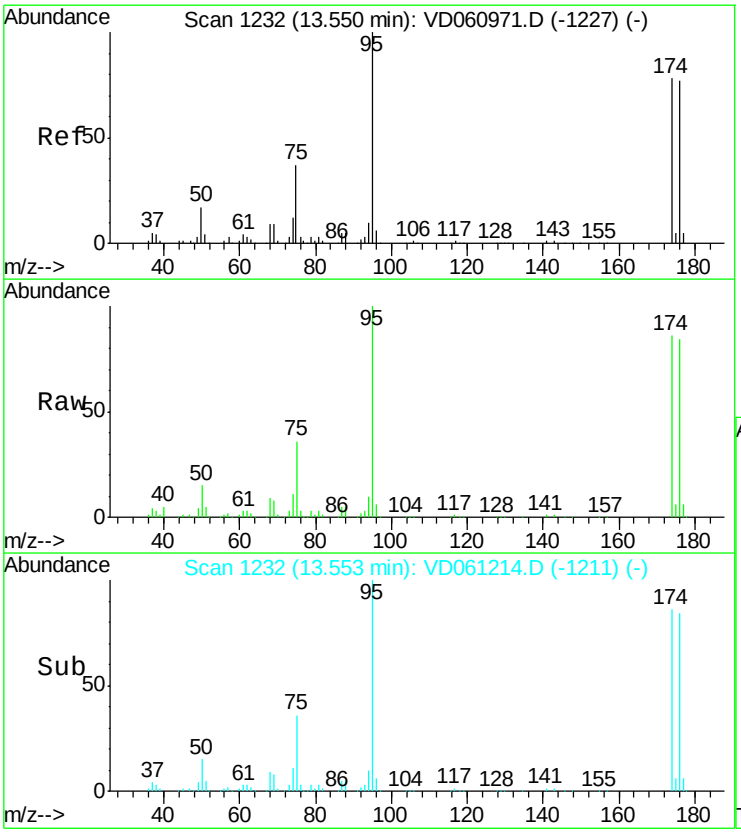
#51
4-Methyl-2-Pentanone
Concen: 1.313 ug/l
RT: 10.40 min Scan# 912
Delta R.T. 0.11 min
Lab File: VD061214.D
Acq: 20 Mar 2019 18:03

Instrument : MSVOA_D
ClientSampleId : SB-13(13.5-14.5)

Tgt Ion: 43 Resp: 4265

Ion	Ratio	Lower	Upper
43	100		
58	163.5	30.2	45.2#

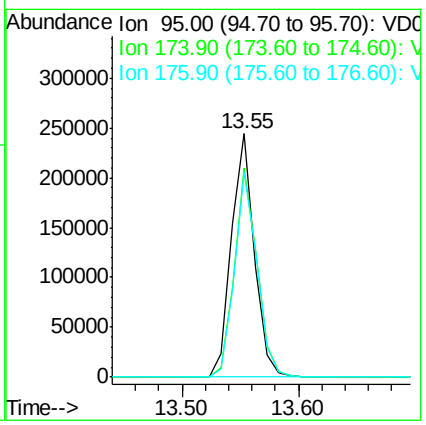


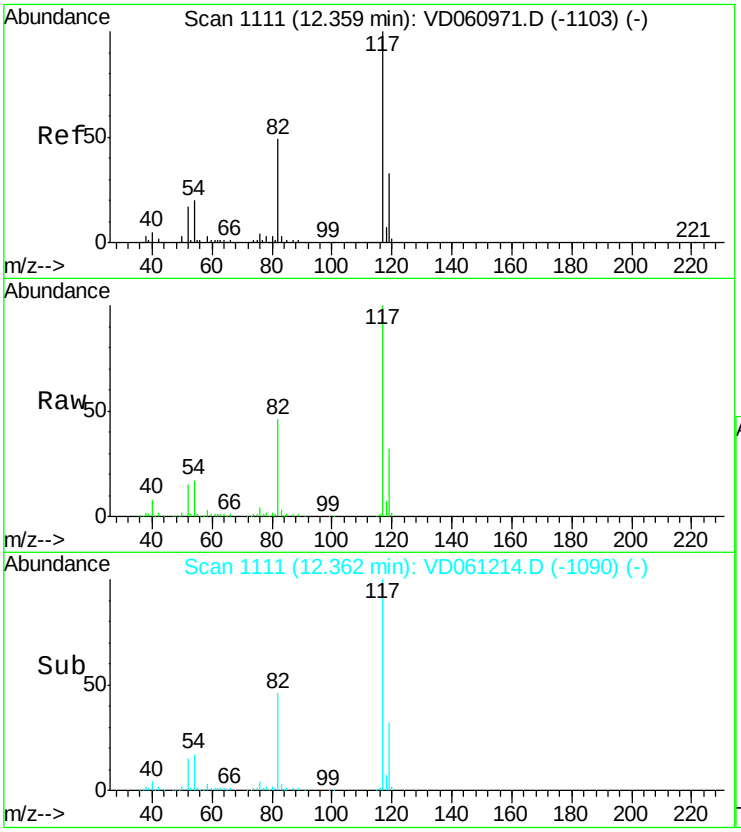


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD061214.D
Acq: 20 Mar 2019 18:03

Tgt Ion: 95 Resp: 332963

Ion	Ratio	Lower	Upper
95	100		
174	85.9	0.0	155.6
176	84.3	0.0	153.8



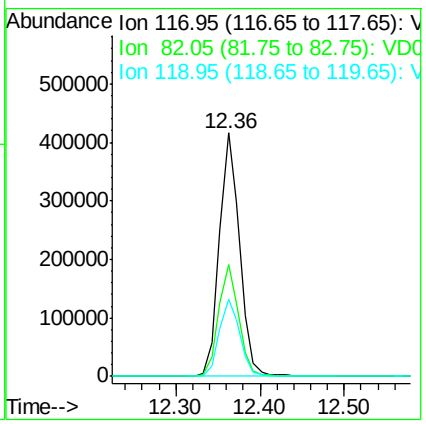


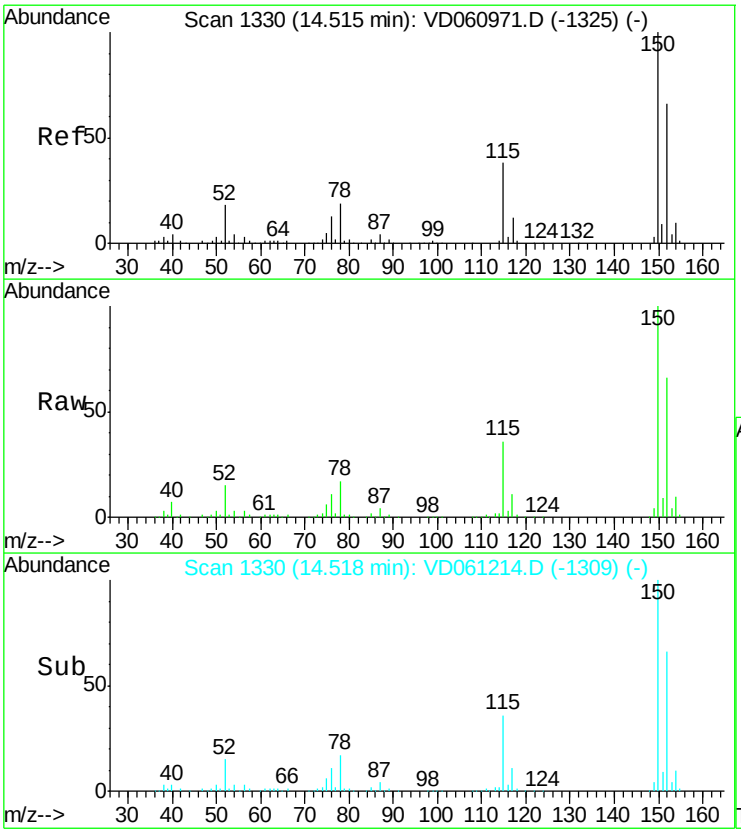
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD061214.D
Acq: 20 Mar 2019 18:03

Instrument :
MSVOA_D
ClientSampleId :
SB-13(13.5-14.5)

Tgt Ion:117 Resp: 693557

Ion	Ratio	Lower	Upper
117	100		
82	46.0	38.9	58.3
119	31.8	26.6	39.8

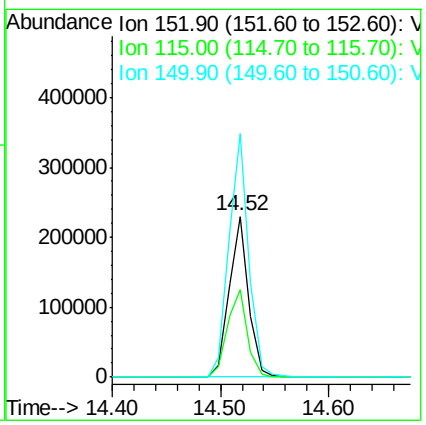


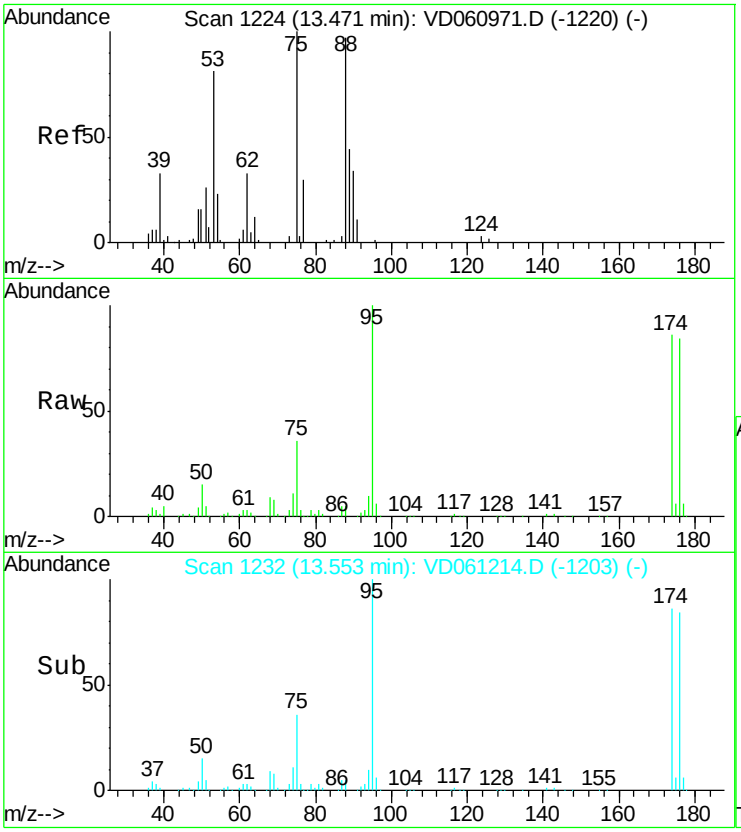


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD061214.D
Acq: 20 Mar 2019 18:03

Tgt Ion:152 Resp: 286872

Ion	Ratio	Lower	Upper
152	100		
115	54.8	28.6	85.9
150	151.6	0.0	310.6



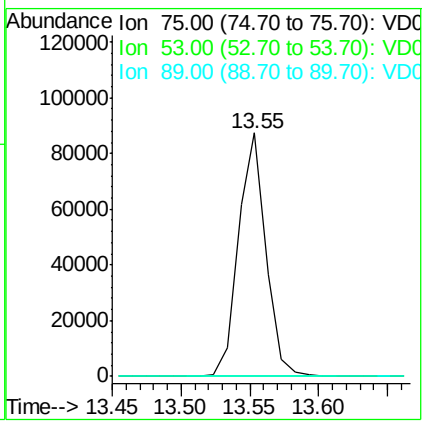


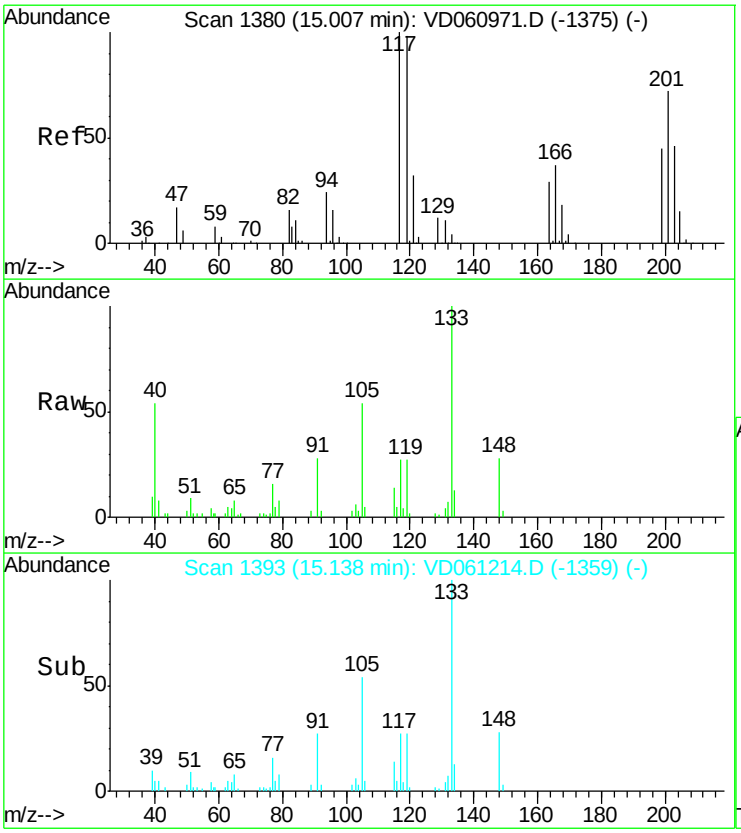
#81
trans-1,4-Dichloro-2-butene
Concen: 99.433 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.08 min
Lab File: VD061214.D
Acq: 20 Mar 2019 18:03

Instrument :
MSVOA_D
ClientSampleId :
SB-13(13.5-14.5)

Tgt Ion: 75 Resp: 120988

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





#90
Hexachloroethane
Concen: 1.878 ug/l
RT: 15.14 min Scan# 1393
Delta R.T. 0.13 min
Lab File: VD061214.D
Acq: 20 Mar 2019 18:03

Tgt Ion:117 Resp: 9089

Ion	Ratio	Lower	Upper
117	100		
201	0.0	36.2	108.6#