Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD032219\
Data File : VD061273.D
Acq On : 22 Mar 2019 20:56
Operator : VA/AP
Sample : K2050-01
Misc : 4.36g/5ml/MSVOA_D/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : CS-5

Quant Time: Mar 22 23:30:15 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	7.10	168	34887	50.00	ug/l	0.05
34) 1,4-Difluorobenzene	8.26	114	57742	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.39	117	31677	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	14.54	152	6497	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.50	65	28511	98.18	ug/l	0.05
Spiked Amount 50.000			Recovery = 196.36%			
35) Dibromofluoromethane	6.98	113	32785	76.51	ug/l	0.05
Spiked Amount 50.000			Recovery = 153.02%			
50) Toluene-d8	10.44	98	53627	49.83	ug/l	0.04
Spiked Amount 50.000			Recovery = 99.66%			
62) 4-Bromofluorobenzene	13.57	95	9421	22.56	ug/l	0.02
Spiked Amount 50.000			Recovery = 45.12%			
Target Compounds						Qvalue
5) Bromomethane	2.18	94	217	3.245	ug/l #	1
16) Acetone	3.26	43	8254	99.397	ug/l	94
20) Methylene Chloride	3.88	84	2549	2.281	ug/l #	80
25) 2-Butanone	6.19	43	470	4.988	ug/l #	55
26) 2,2-Dichloropropane	6.17	77	522	1.049	ug/l #	50
36) 1,1-Dichloropropene	7.08	75	2145	4.310	ug/l #	39
37) Ethyl Acetate	6.19	43	470	2.012	ug/l #	66
38) Carbon Tetrachloride	7.10	117	2444	4.458	ug/l #	11
76) 1,2,3-Trichloropropane	13.57	75	3477	37.199	ug/l #	42
81) trans-1,4-Dichloro-2-buten	13.57	75	3477	126.174	ug/l #	17
90) Hexachloroethane	15.16	117	198	1.806	ug/l #	13
95) Naphthalene	16.14	128	653	5.206	ug/l #	70

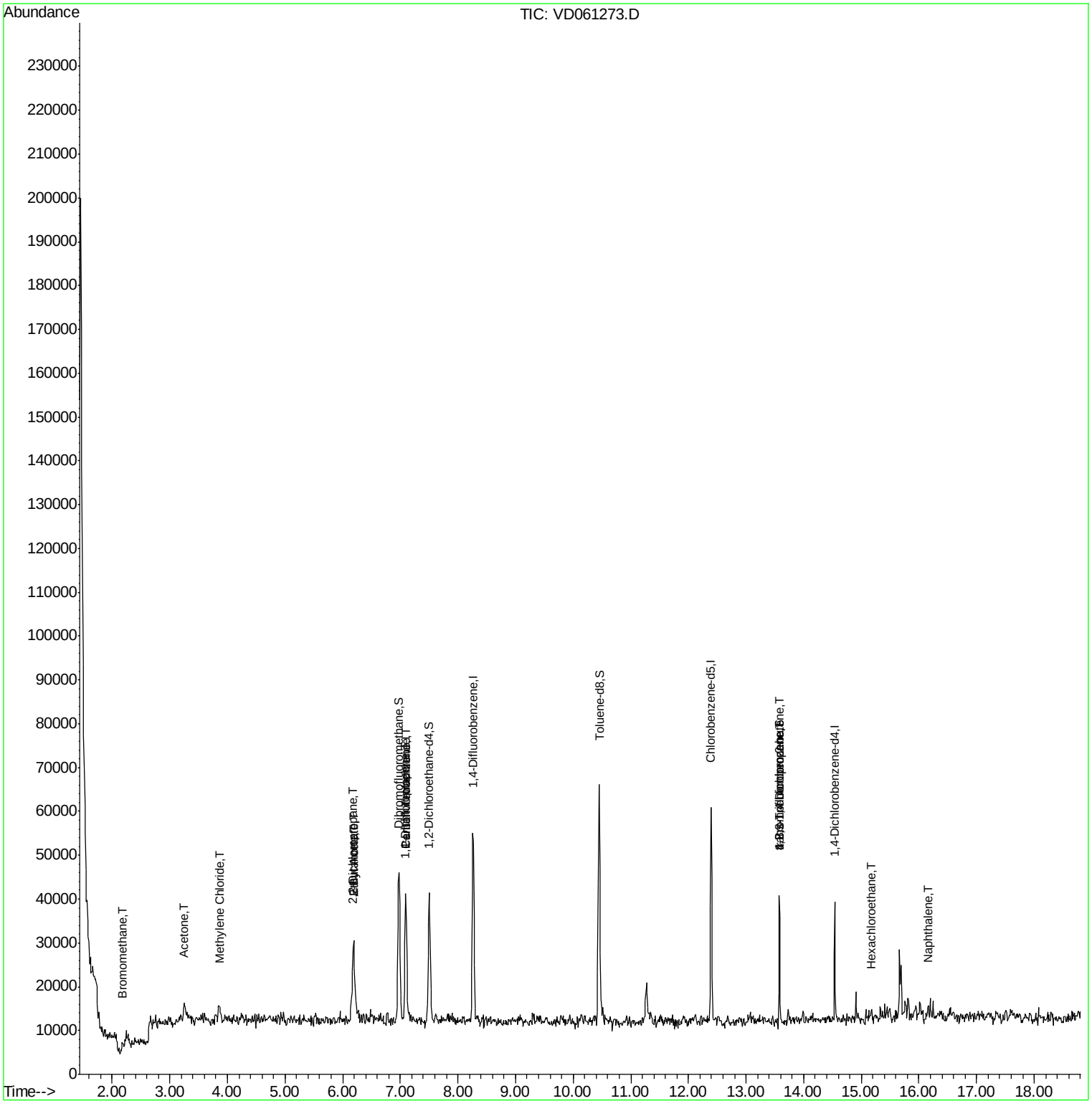
(#) = qualifier out of range (m) = manual integration (+) = signals summed

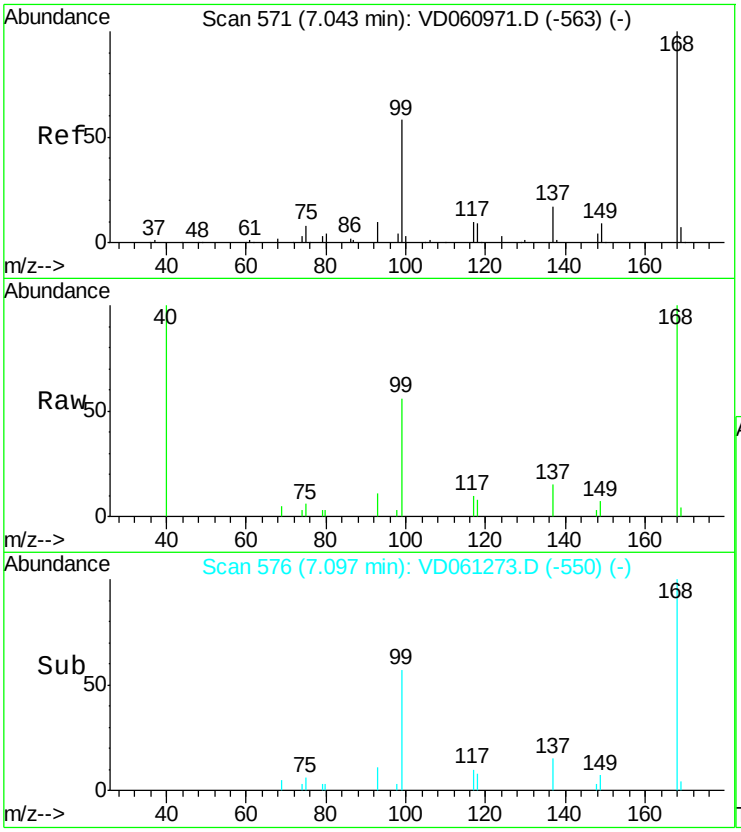
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032219\
Data File : VD061273.D
Acq On : 22 Mar 2019 20:56
Operator : VA/AP
Sample : K2050-01
Misc : 4.36g/5ml/MSVOA D/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
CS-5

Quant Time: Mar 22 23:30:15 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



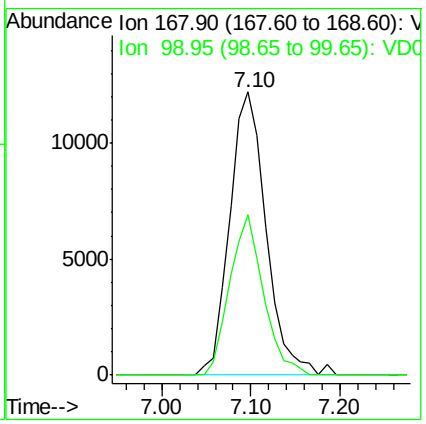


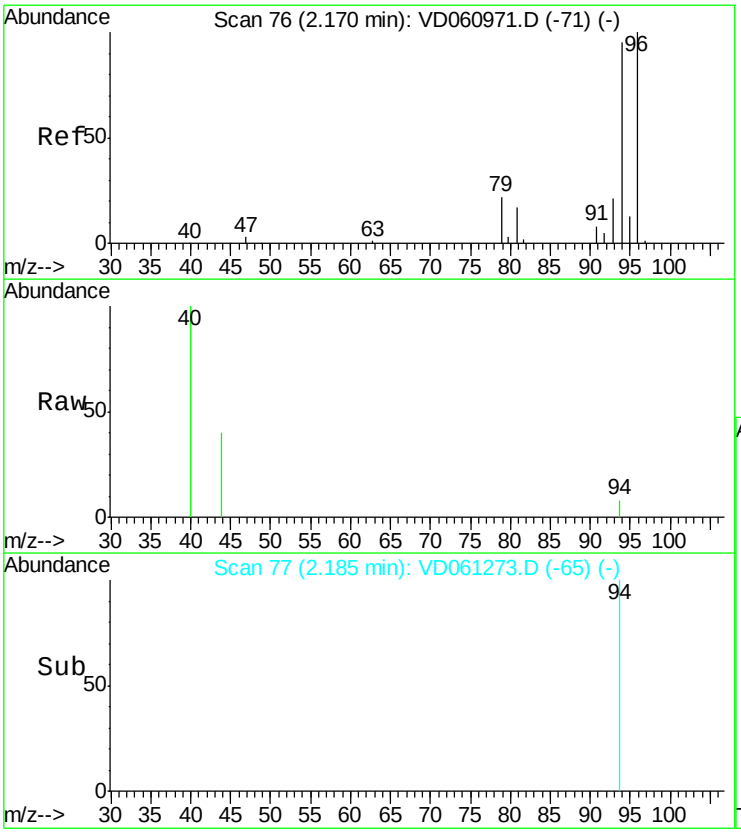
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.10 min Scan# 576
Delta R.T. 0.05 min
Lab File: VD061273.D
Acq: 22 Mar 2019 20:56

Instrument :
MSVOA_D
ClientSampleId :
CS-5

Tgt Ion:168 Resp: 34887

Ion	Ratio	Lower	Upper
168	100		
99	56.5	47.3	70.9

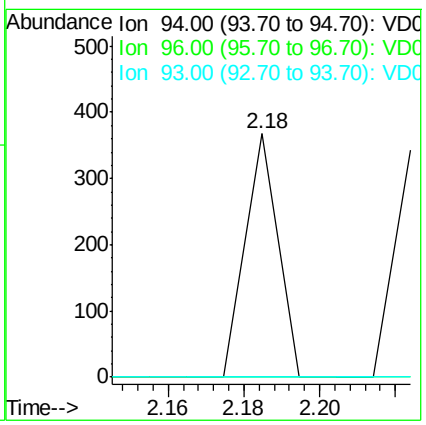


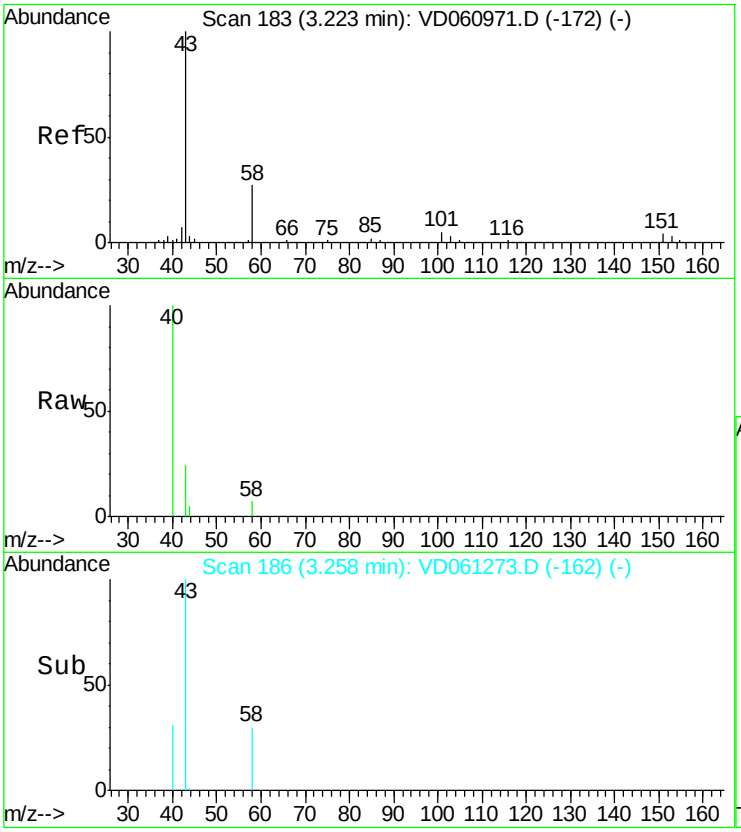


#5
Bromomethane
Concen: 3.245 ug/l
RT: 2.18 min Scan# 77
Delta R.T. 0.02 min
Lab File: VD061273.D
Acq: 22 Mar 2019 20:56

Tgt Ion: 94 Resp: 217

Ion	Ratio	Lower	Upper
94	100		
96	0.0	84.0	126.0#
93	100.0	17.3	25.9#



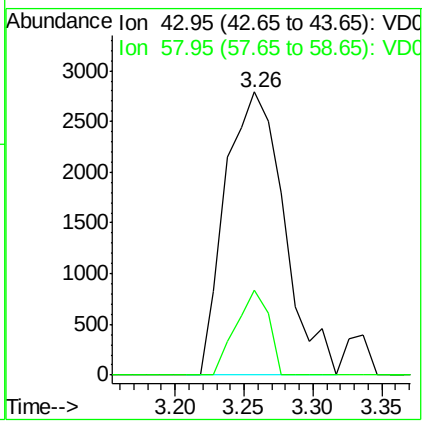


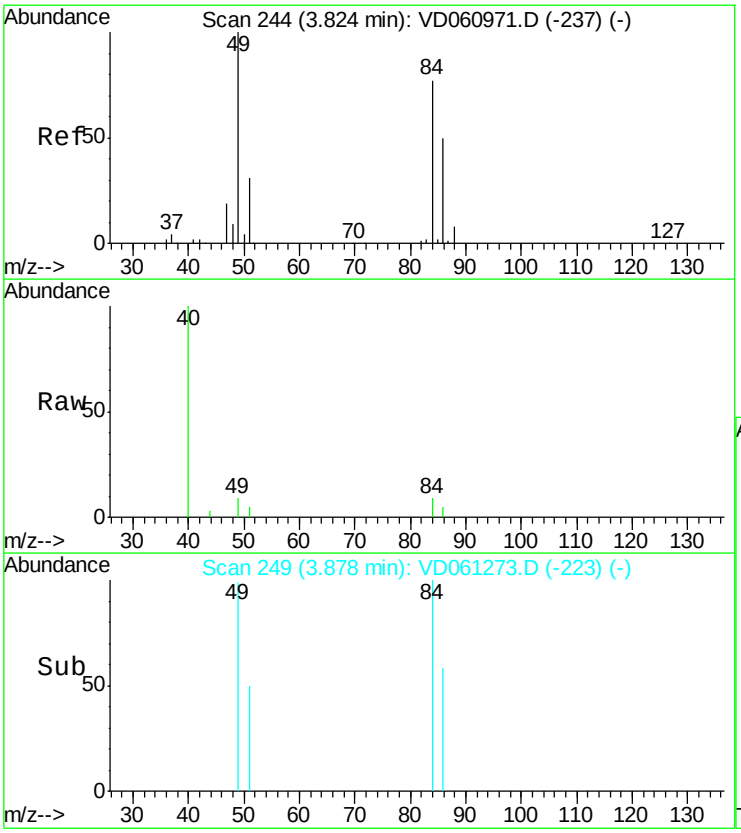
#16
Acetone
Concen: 99.397 ug/l
RT: 3.26 min Scan# 186
Delta R.T. 0.03 min
Lab File: VD061273.D
Acq: 22 Mar 2019 20:56

Instrument : MSVOA_D
ClientSampleId : CS-5

Tgt Ion: 43 Resp: 8254

Ion	Ratio	Lower	Upper
43	100		
58	29.9	21.6	32.4

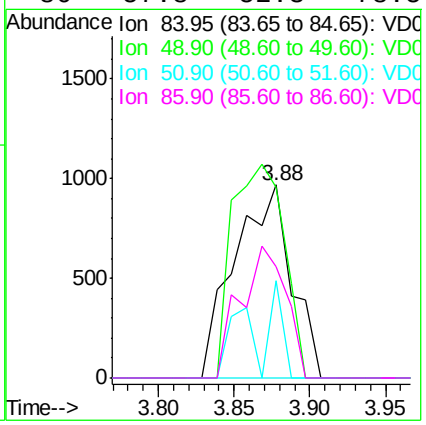


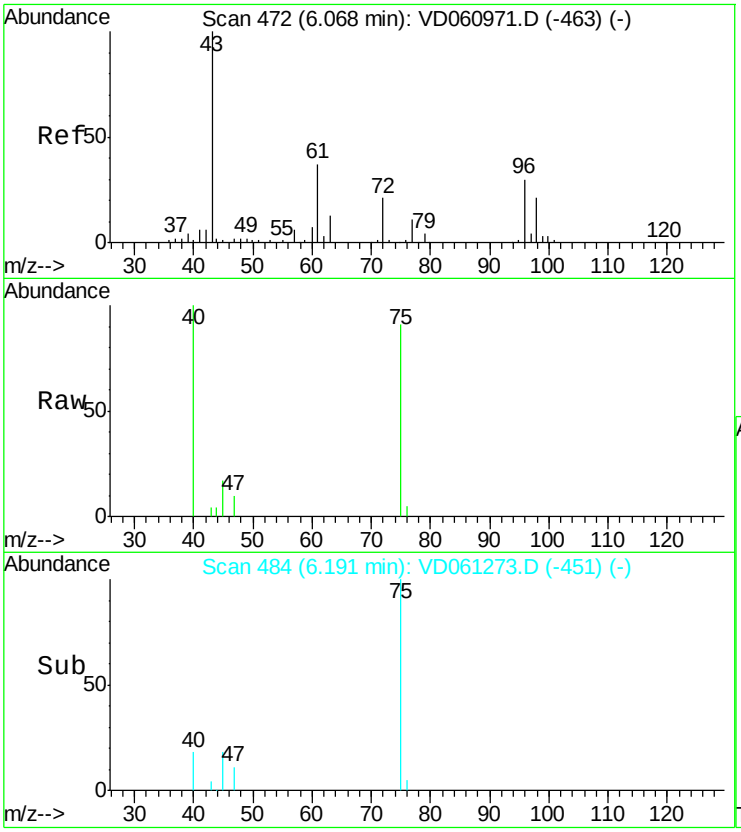


#20
Methylene Chloride
Concen: 2.281 ug/l
RT: 3.88 min Scan# 249
Delta R.T. 0.05 min
Lab File: VD061273.D
Acq: 22 Mar 2019 20:56

Tgt Ion: 84 Resp: 2549

Ion	Ratio	Lower	Upper
84	100		
49	98.8	104.2	156.2#
51	50.5	32.3	48.5#
86	57.8	52.3	78.5



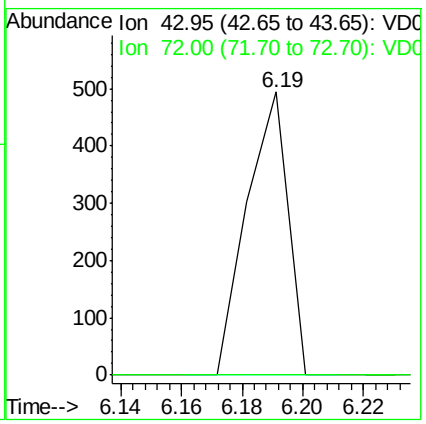


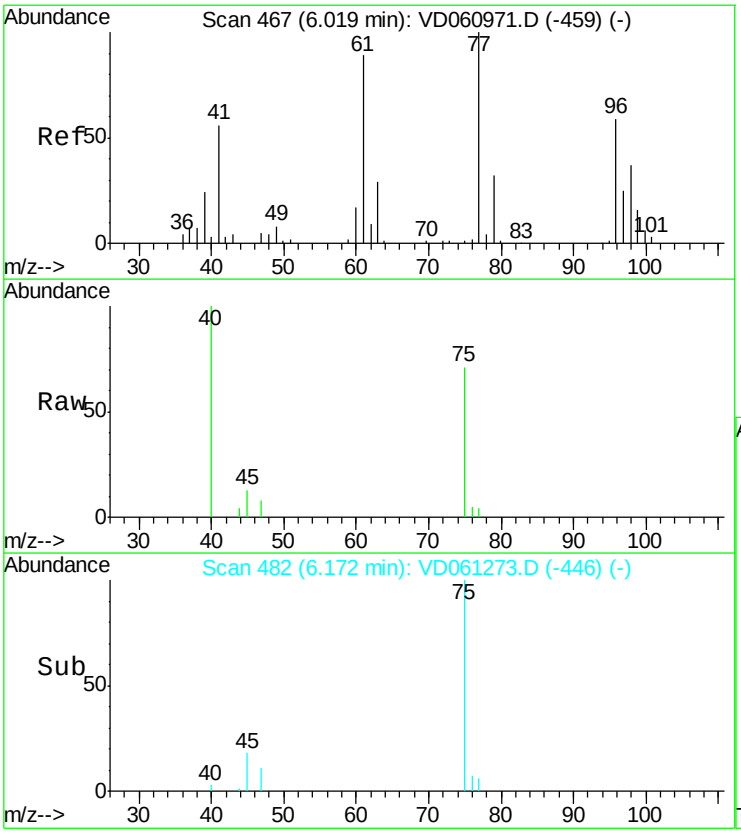
#25
2-Butanone
Concen: 4.988 ug/l
RT: 6.19 min Scan# 484
Delta R.T. 0.12 min
Lab File: VD061273.D
Acq: 22 Mar 2019 20:56

Instrument : MSVOA_D
ClientSampleId : CS-5

Tgt Ion: 43 Resp: 470

Ion	Ratio	Lower	Upper
43	100		
72	0.0	16.7	25.1#

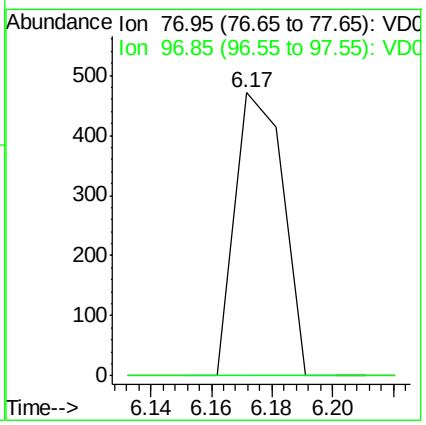


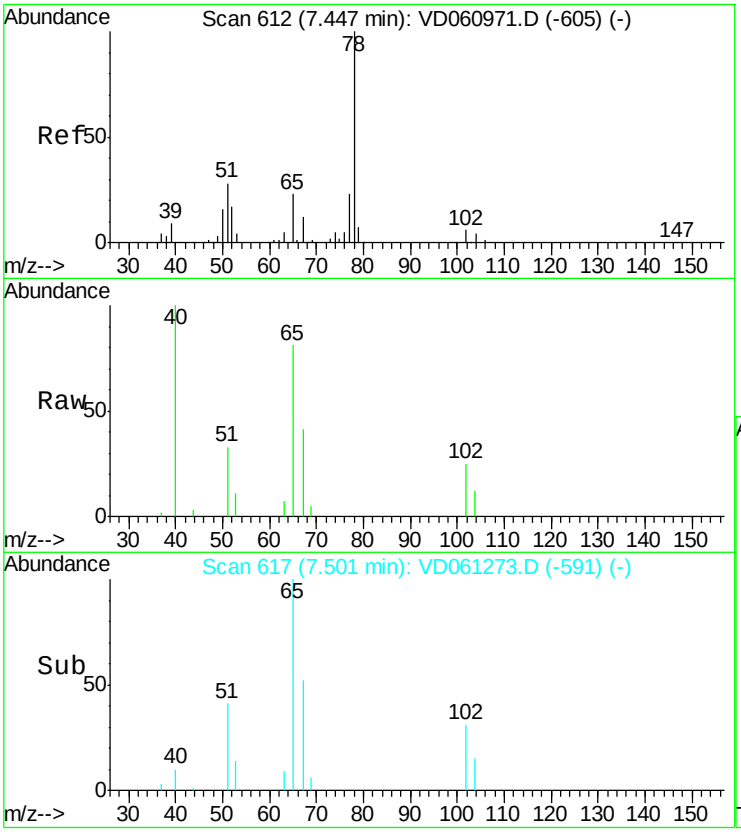


#26
2,2-Dichloropropane
Concen: 1.049 ug/l
RT: 6.17 min Scan# 482
Delta R.T. 0.15 min
Lab File: VD061273.D
Acq: 22 Mar 2019 20:56

Tgt Ion: 77 Resp: 522

Ion	Ratio	Lower	Upper
77	100		
97	0.0	12.6	37.6#



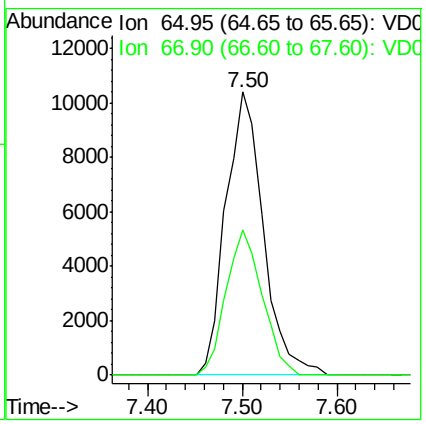


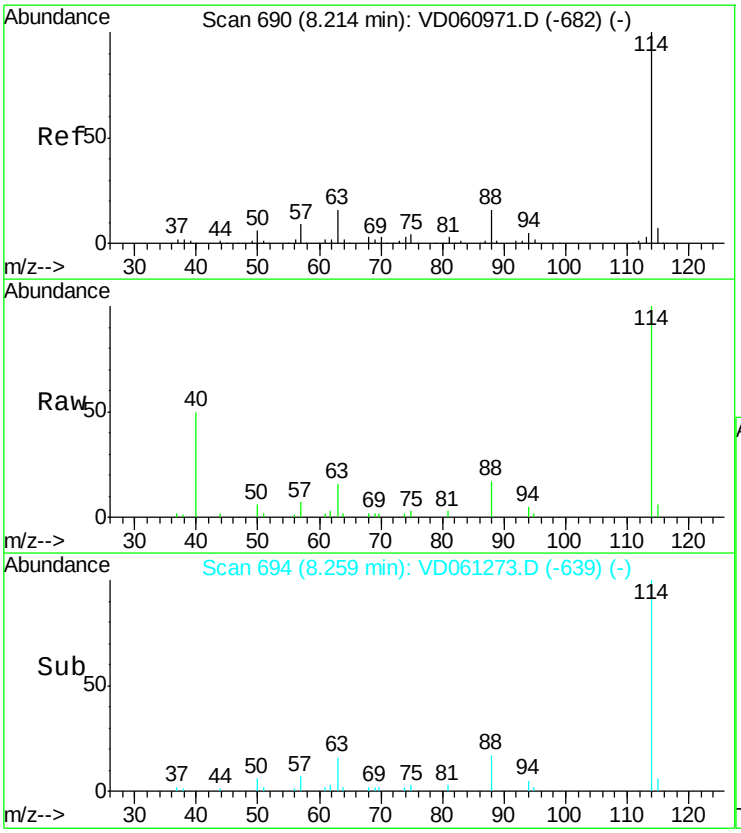
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.50 min Scan# 617
Delta R.T. 0.05 min
Lab File: VD061273.D
Acq: 22 Mar 2019 20:56

Instrument : MSVOA_D
ClientSampleId : CS-5

Tgt Ion: 65 Resp: 28511

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	105.2

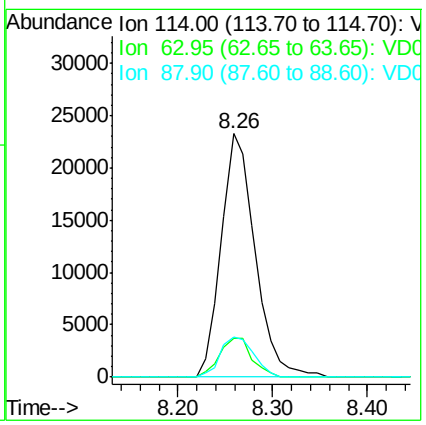


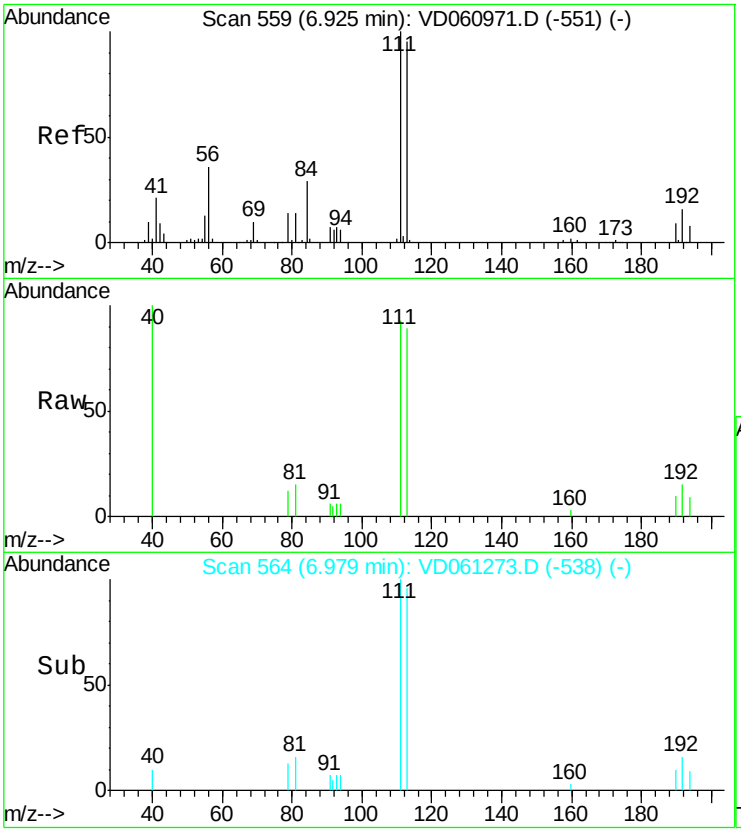


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.26 min Scan# 694
Delta R.T. 0.04 min
Lab File: VD061273.D
Acq: 22 Mar 2019 20:56

Tgt Ion:114 Resp: 57742

Ion	Ratio	Lower	Upper
114	100		
63	15.8	0.0	31.4
88	16.5	0.0	33.0



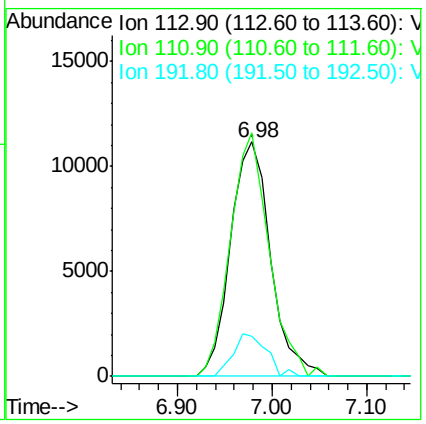


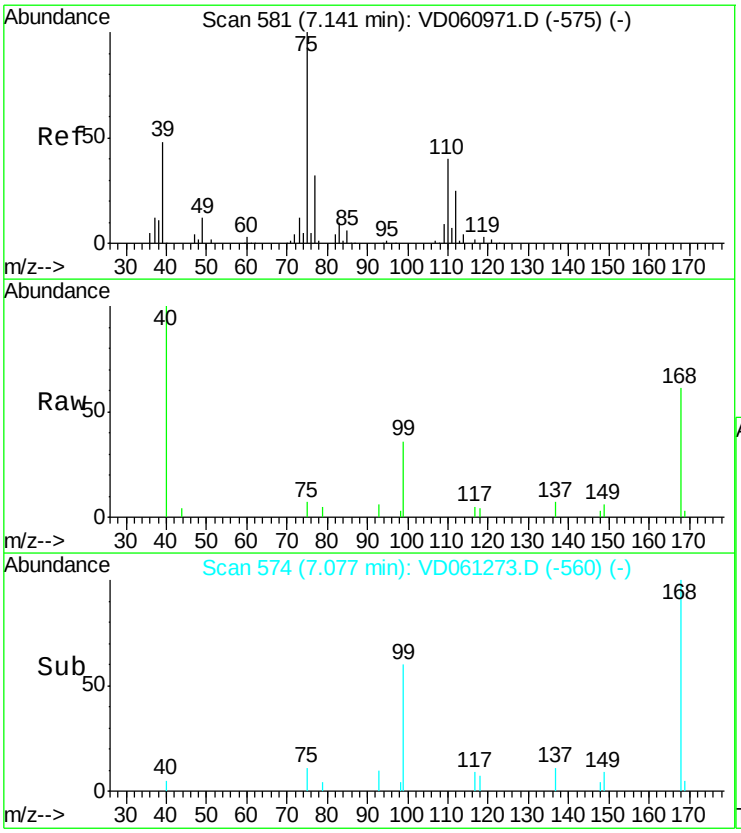
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.98 min Scan# 564
Delta R.T. 0.05 min
Lab File: VD061273.D
Acq: 22 Mar 2019 20:56

Instrument :
MSVOA_D
ClientSampleId :
CS-5

Tgt Ion:113 Resp: 32785

Ion	Ratio	Lower	Upper
113	100		
111	103.8	84.2	126.4
192	16.9	13.1	19.7

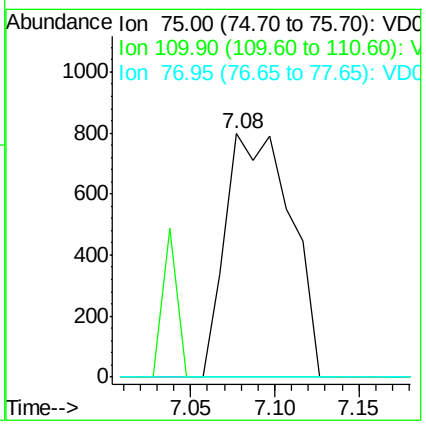


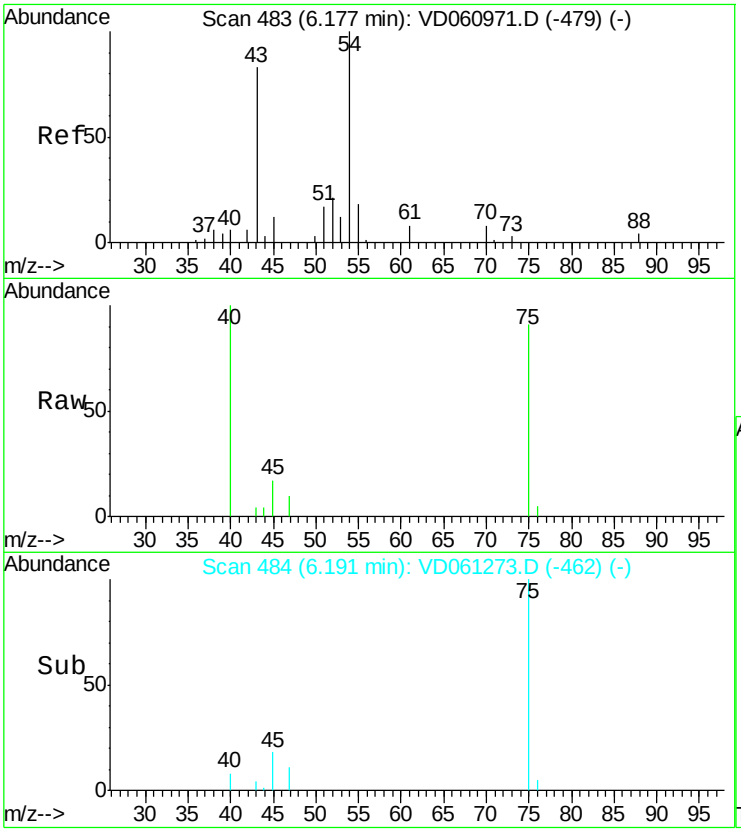


#36
1,1-Dichloropropene
Concen: 4.310 ug/l
RT: 7.08 min Scan# 574
Delta R.T. -0.06 min
Lab File: VD061273.D
Acq: 22 Mar 2019 20:56

Tgt Ion: 75 Resp: 2145

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



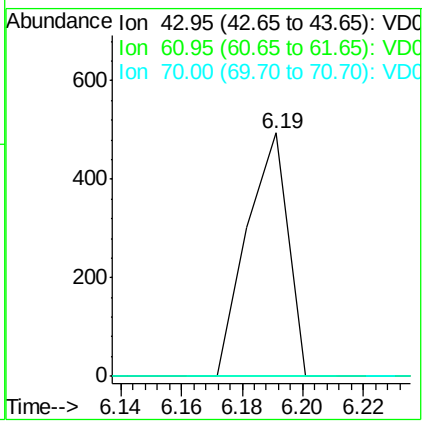


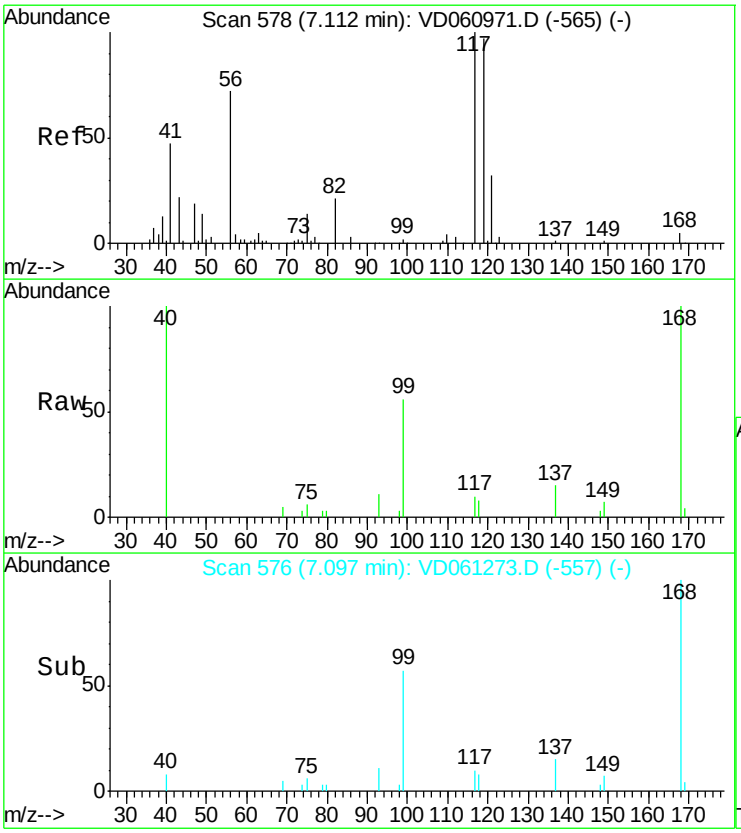
#37
Ethyl Acetate
Concen: 2.012 ug/l
RT: 6.19 min Scan# 484
Delta R.T. 0.01 min
Lab File: VD061273.D
Acq: 22 Mar 2019 20:56

Instrument : MSVOA_D
ClientSampleId : CS-5

Tgt Ion: 43 Resp: 470

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

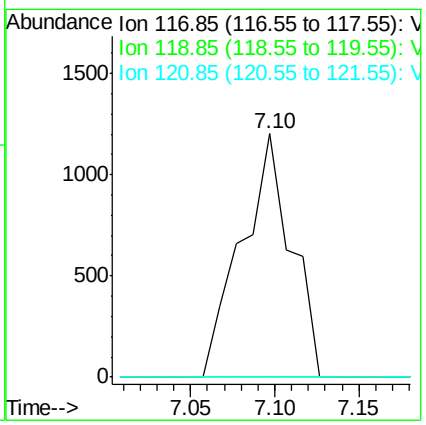


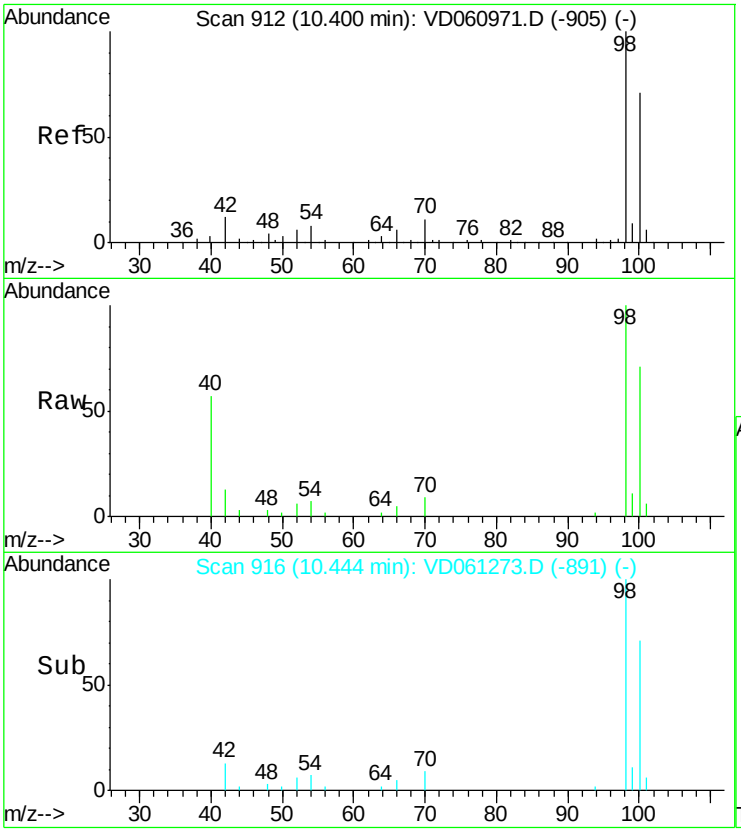


#38
Carbon Tetrachloride
Concen: 4.458 ug/l
RT: 7.10 min Scan# 576
Delta R.T. -0.01 min
Lab File: VD061273.D
Acq: 22 Mar 2019 20:56

Tgt Ion:117 Resp: 2444

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



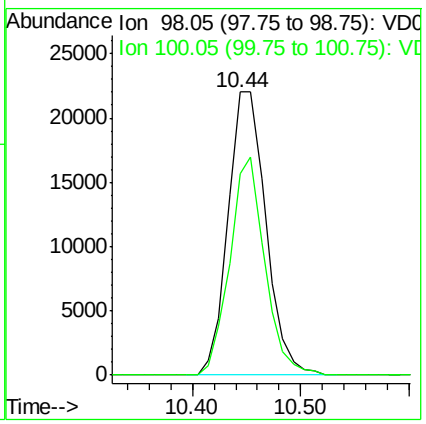


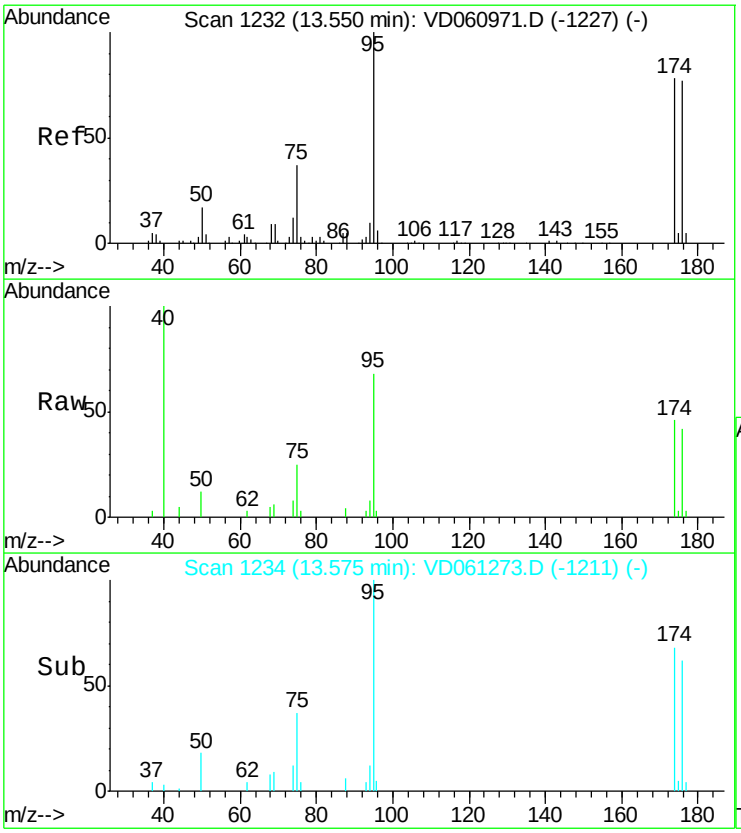
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.44 min Scan# 916
Delta R.T. 0.04 min
Lab File: VD061273.D
Acq: 22 Mar 2019 20:56

Instrument : MSVOA_D
ClientSampleId : CS-5

Tgt Ion: 98 Resp: 53627

Ion	Ratio	Lower	Upper
98	100		
100	71.0	57.4	86.2

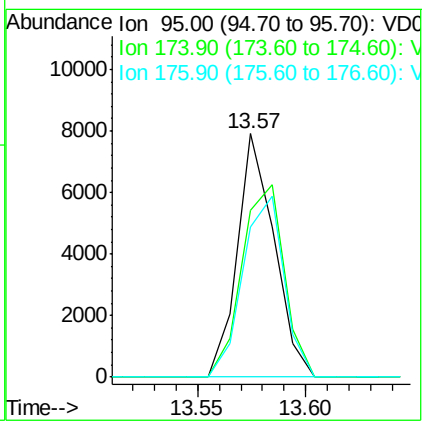


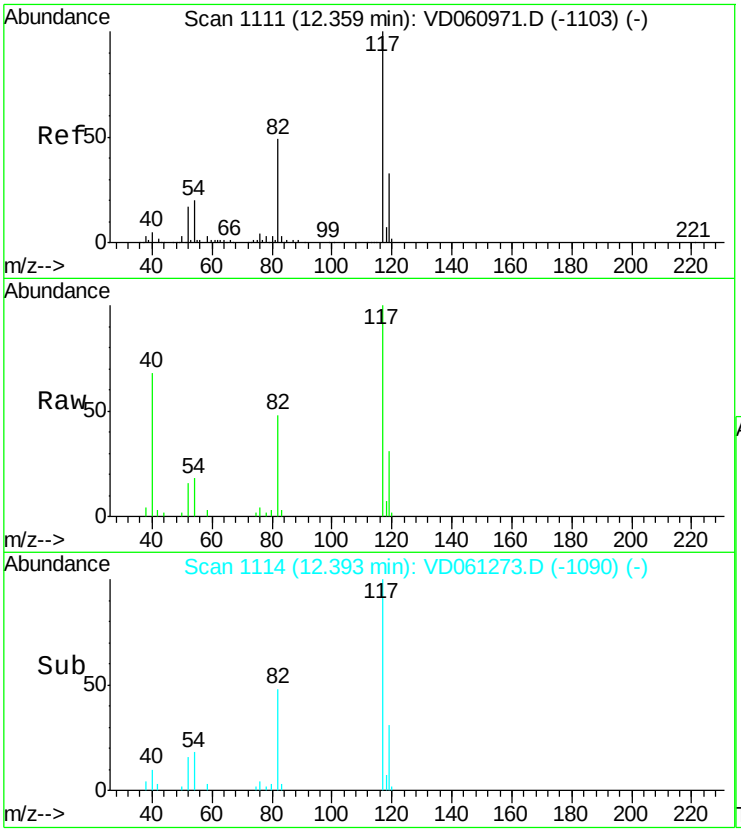


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.57 min Scan# 1234
Delta R.T. 0.02 min
Lab File: VD061273.D
Acq: 22 Mar 2019 20:56

Tgt Ion: 95 Resp: 9421

Ion	Ratio	Lower	Upper
95	100		
174	68.5	0.0	155.6
176	61.8	0.0	153.8



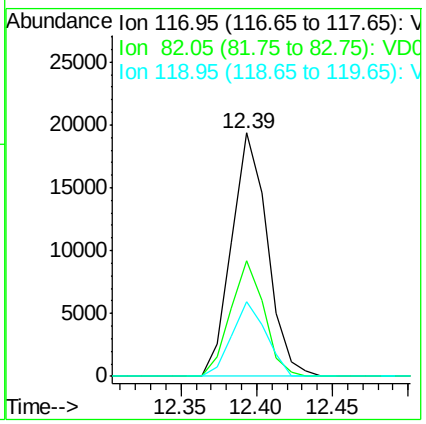


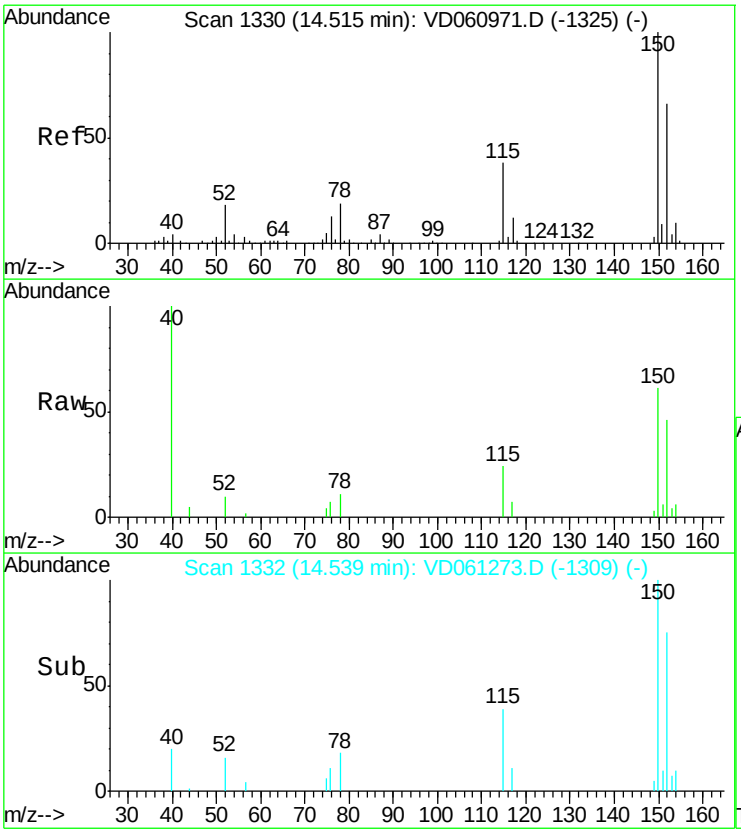
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.39 min Scan# 1114
Delta R.T. 0.03 min
Lab File: VD061273.D
Acq: 22 Mar 2019 20:56

Instrument : MSVOA_D
ClientSampleId : CS-5

Tgt Ion:117 Resp: 31677

Ion	Ratio	Lower	Upper
117	100		
82	47.6	38.9	58.3
119	30.6	26.6	39.8

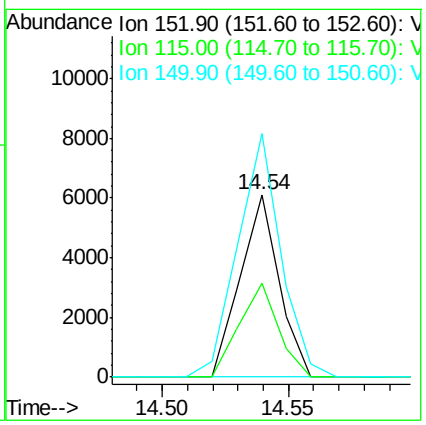


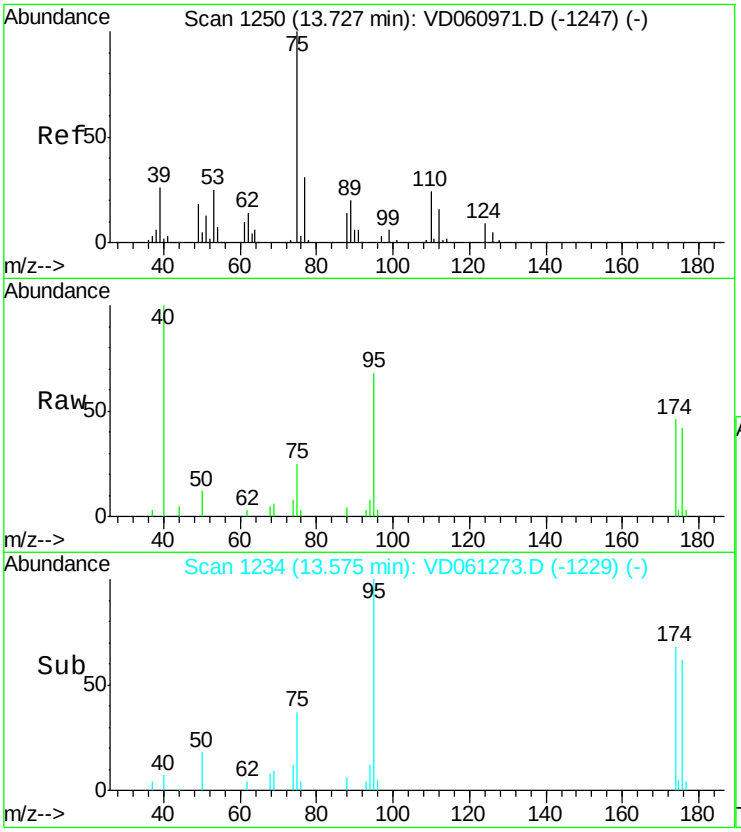


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.54 min Scan# 1332
Delta R.T. 0.02 min
Lab File: VD061273.D
Acq: 22 Mar 2019 20:56

Tgt Ion:152 Resp: 6497

Ion	Ratio	Lower	Upper
152	100		
115	51.5	28.6	85.9
150	133.5	0.0	310.6



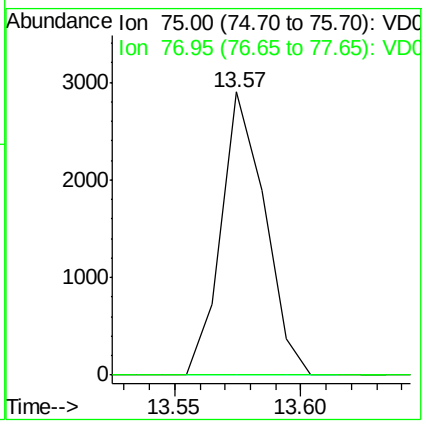


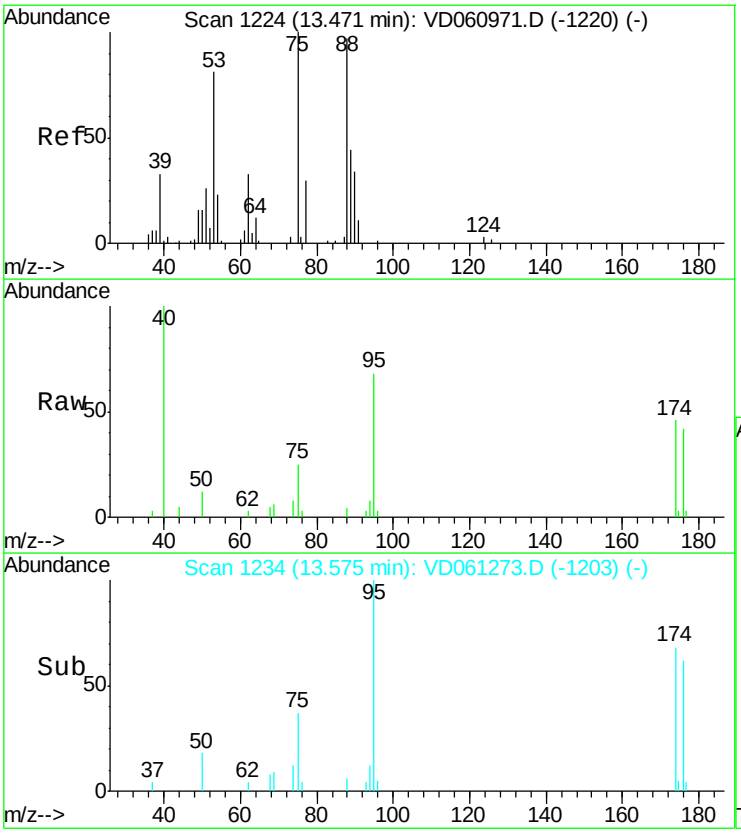
#76
1,2,3-Trichloropropane
Concen: 37.199 ug/l
RT: 13.57 min Scan# 1234
Delta R.T. -0.15 min
Lab File: VD061273.D
Acq: 22 Mar 2019 20:56

Instrument :
MSVOA_D
ClientSampleId :
CS-5

Tgt Ion: 75 Resp: 3477

Ion	Ratio	Lower	Upper
75	100		
77	0.0	16.6	49.7#

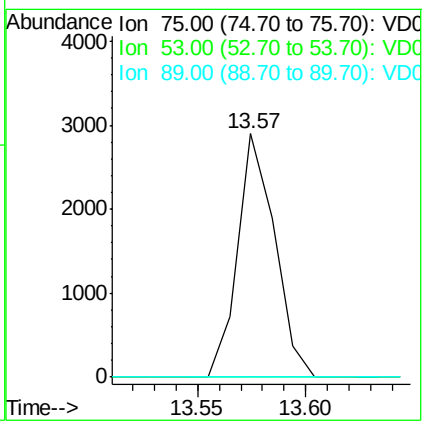


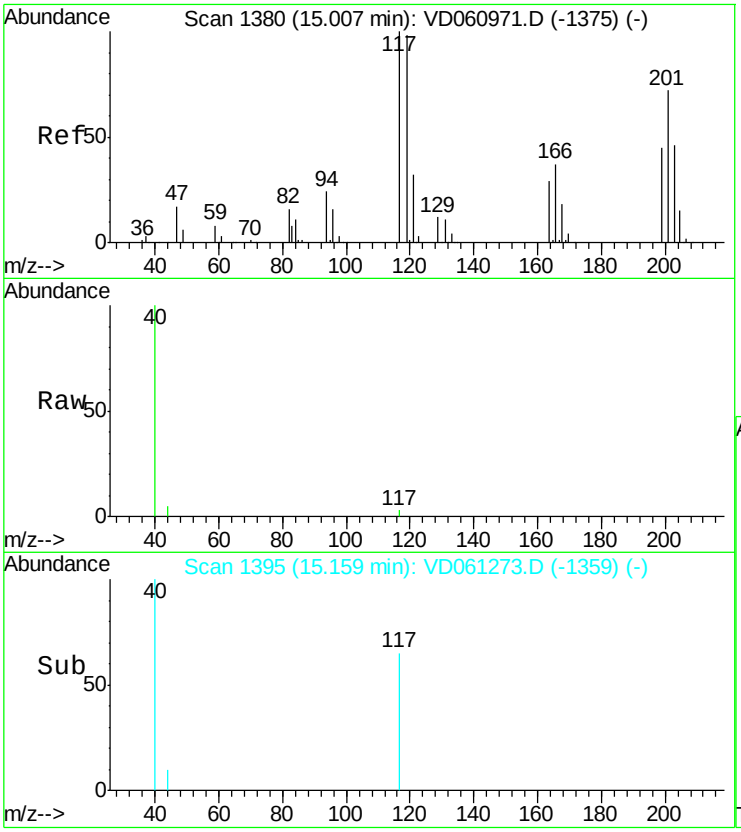


#81
trans-1,4-Dichloro-2-butene
Concen: 126.174 ug/l
RT: 13.57 min Scan# 1234
Delta R.T. 0.10 min
Lab File: VD061273.D
Acq: 22 Mar 2019 20:56

Tgt Ion: 75 Resp: 3477

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



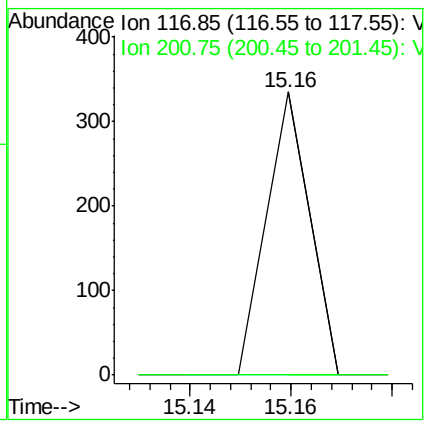


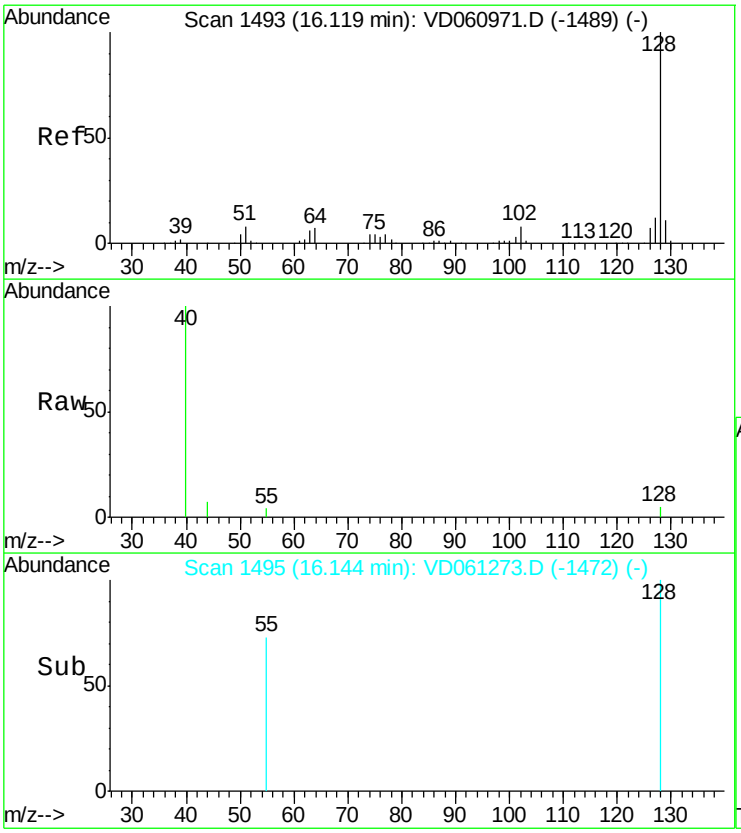
#90
Hexachloroethane
Concen: 1.806 ug/l
RT: 15.16 min Scan# 1395
Delta R.T. 0.15 min
Lab File: VD061273.D
Acq: 22 Mar 2019 20:56

Instrument : MSVOA_D
ClientSampleId : CS-5

Tgt Ion:117 Resp: 198

Ion	Ratio	Lower	Upper
117	100		
201	0.0	36.2	108.6#





#95
Naphthalene
Concen: 5.206 ug/l
RT: 16.14 min Scan# 1495
Delta R.T. 0.02 min
Lab File: VD061273.D
Acq: 22 Mar 2019 20:56

Tgt Ion:128 Resp: 653

Ion	Ratio	Lower	Upper
128	100		
127	0.0	9.8	14.8#
129	0.0	8.5	12.7#