Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD031619\
Data File : VD061129.D
Acq On : 17 Mar 2019 2:11
Operator : VA/AP
Sample : K1956-01
Misc : 5.12g/5ml/MSVOA_D/SOIL
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Mar 18 05:01:54 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	36947	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	88701	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	91137	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	45891	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	36614	119.06	ug/l	0.01
Spiked Amount 50.000			Recovery = 238.12%			
35) Dibromofluoromethane	6.94	113	39485	59.98	ug/l	0.01
Spiked Amount 50.000			Recovery = 119.96%			
50) Toluene-d8	10.41	98	80368	48.62	ug/l	0.01
Spiked Amount 50.000			Recovery = 97.24%			
62) 4-Bromofluorobenzene	13.55	95	38823	60.53	ug/l	0.00
Spiked Amount 50.000			Recovery = 121.06%			
Target Compounds						Qvalue
5) Bromomethane	2.20	94	546	8.866	ug/l #	8
10) Methyl Iodide	3.33	142	698	3.988	ug/l #	39
18) Methyl Acetate	3.65	43	197	1.138	ug/l #	59
36) 1,1-Dichloropropene	7.04	75	1781	2.329	ug/l #	39
38) Carbon Tetrachloride	7.04	117	3489	4.143	ug/l #	11
51) 4-Methyl-2-Pentanone	10.29	43	506	1.662	ug/l #	37
59) 2-Hexanone	11.53	43	415	1.864	ug/l #	25
81) trans-1,4-Dichloro-2-buten	13.55	75	14115	72.516	ug/l #	17

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

Quantitation Report (Not Reviewed)

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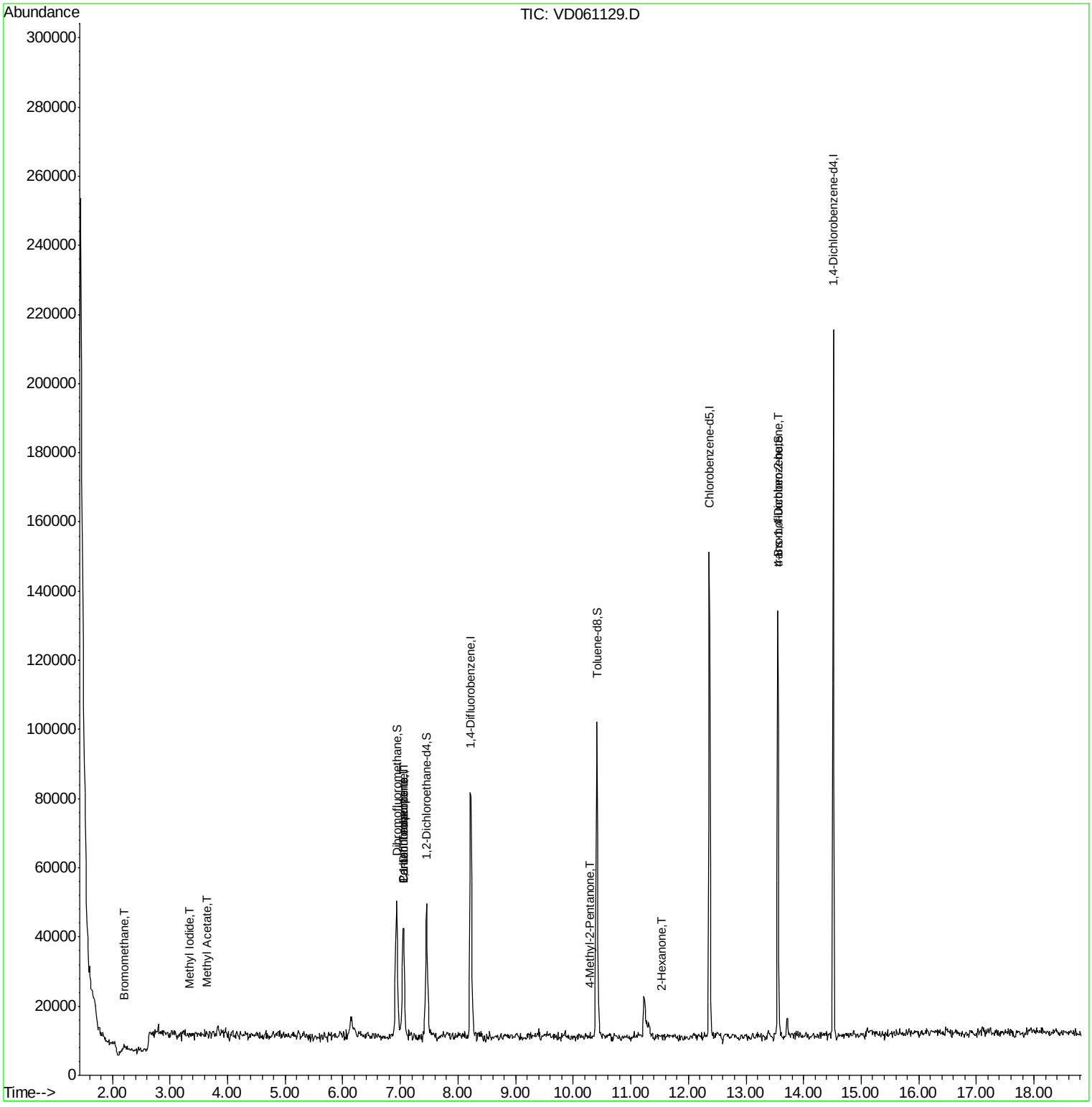
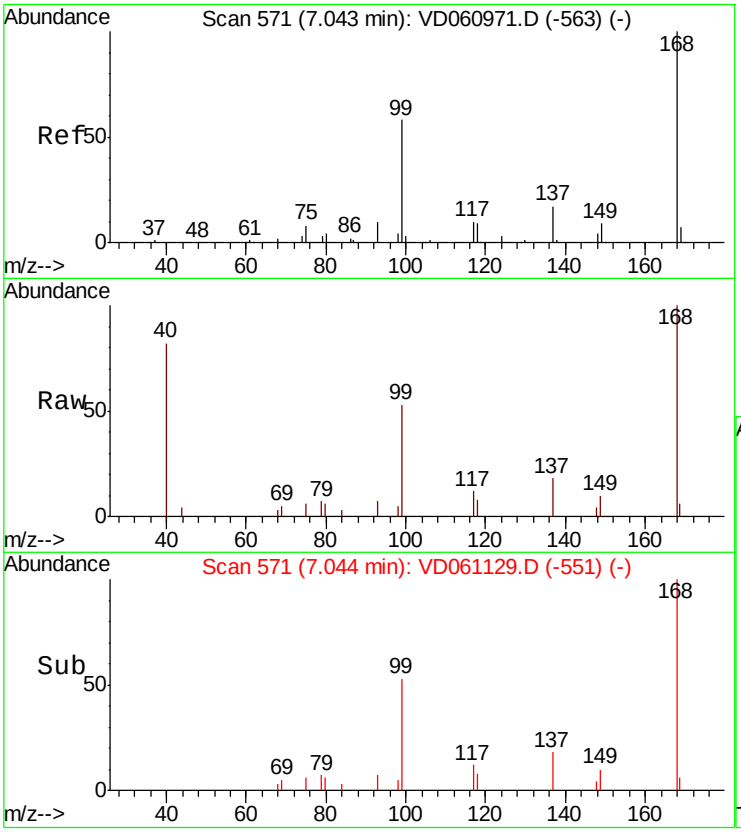
Quant Title : SW846 8260
QLast Update : Fri Mar 08 02:35:39 2019
Response via : Initial Calibration

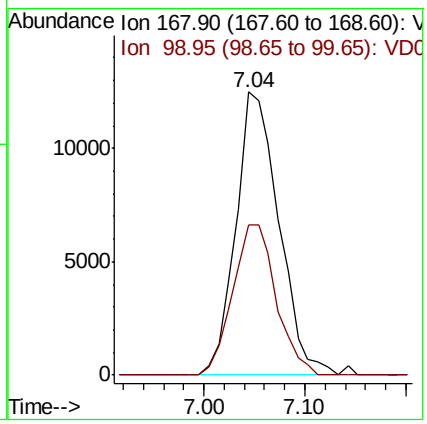


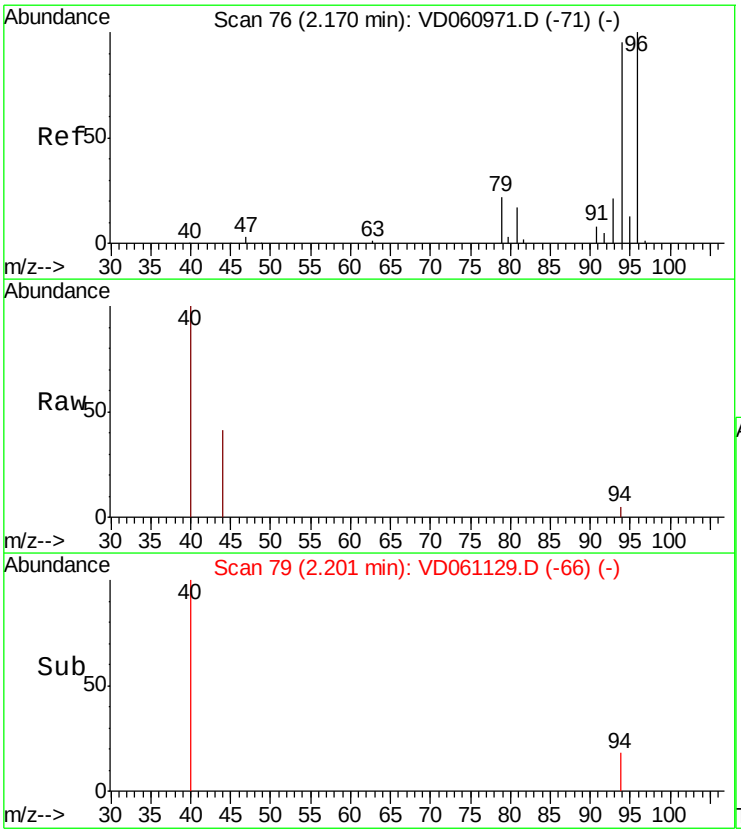


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.04 min Scan# 571
Delta R.T. 0.00 min
Lab File: VD061129.D
Acq: 17 Mar 2019 2:11

Tgt Ion:168 Resp: 36947

Ion	Ratio	Lower	Upper
168	100		
99	53.0	47.3	70.9

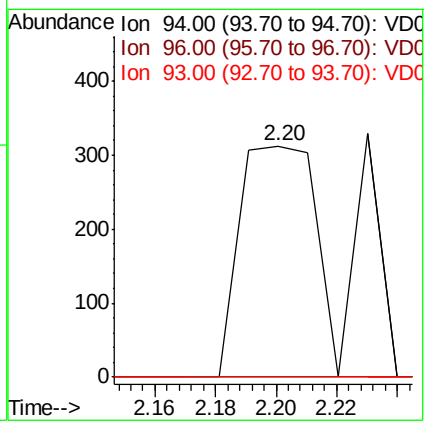


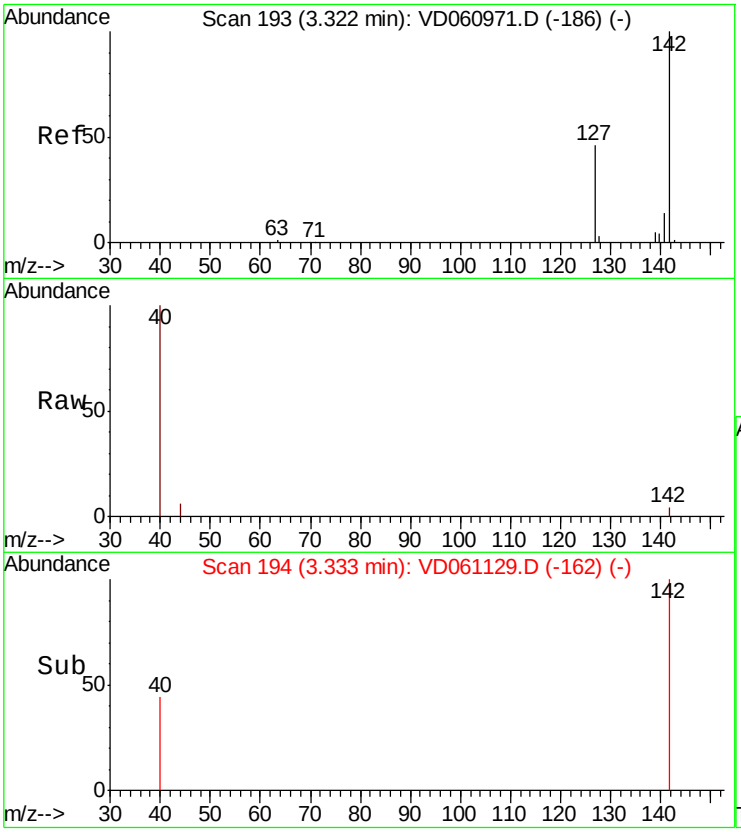


#5
Bromomethane
Concen: 8.866 ug/l
RT: 2.20 min Scan# 79
Delta R.T. 0.03 min
Lab File: VD061129.D
Acq: 17 Mar 2019 2:11

Tgt Ion: 94 Resp: 546

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

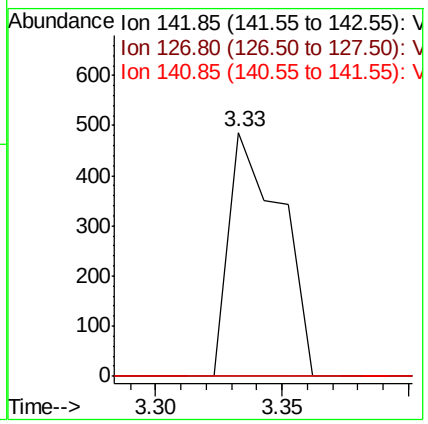


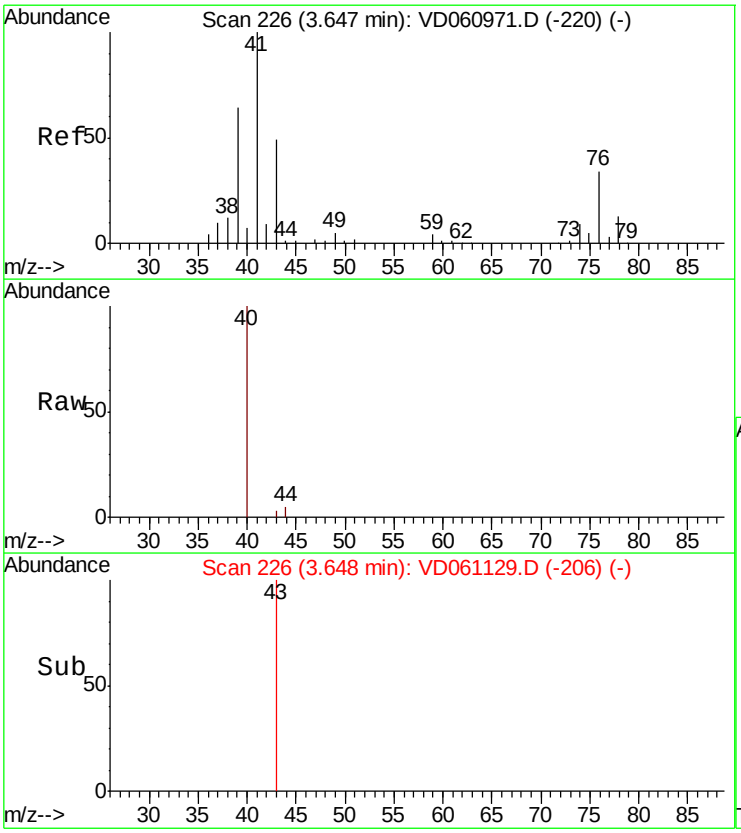


#10
Methyl Iodide
Concen: 3.988 ug/l
RT: 3.33 min Scan# 194
Delta R.T. 0.01 min
Lab File: VD061129.D
Acq: 17 Mar 2019 2:11

Tgt Ion:142 Resp: 698

Ion	Ratio	Lower	Upper
142	100		
127	0.0	36.8	55.2#
141	0.0	11.2	16.8#

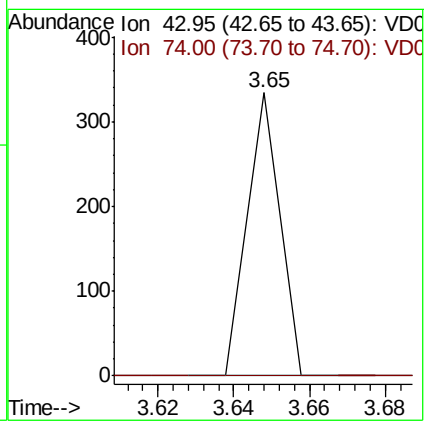


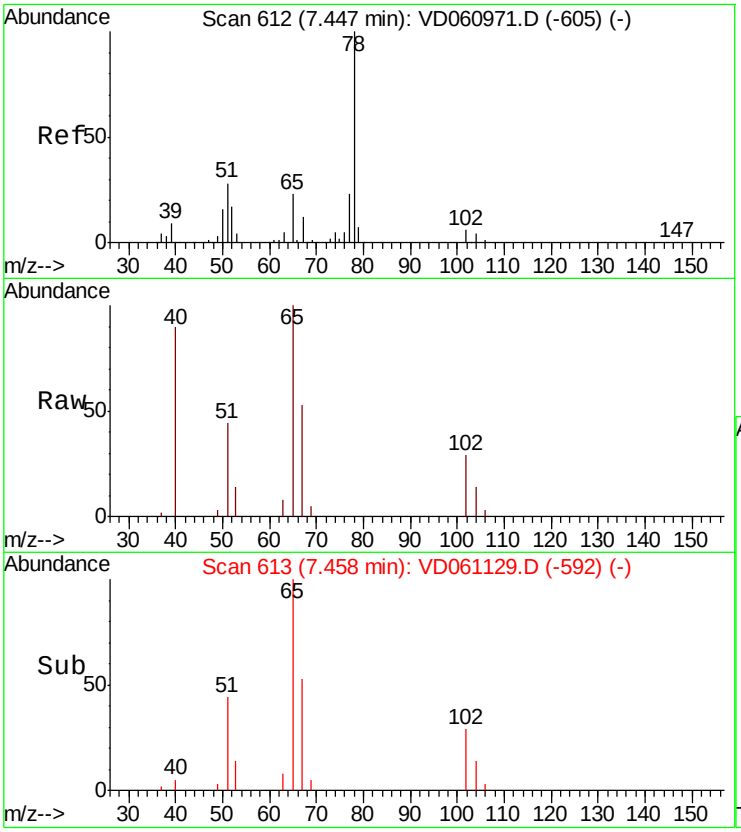


#18
Methyl Acetate
Concen: 1.138 ug/l
RT: 3.65 min Scan# 226
Delta R.T. 0.00 min
Lab File: VD061129.D
Acq: 17 Mar 2019 2:11

Tgt Ion: 43 Resp: 197

Ion	Ratio	Lower	Upper
43	100		
74	0.0	14.6	21.8#

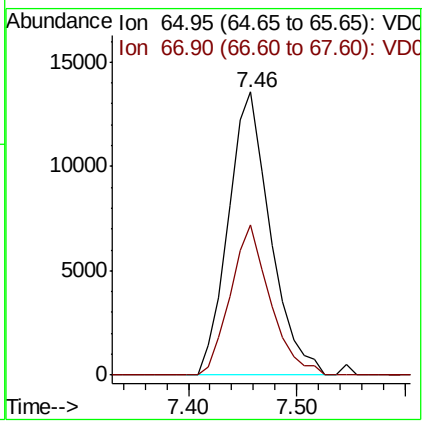


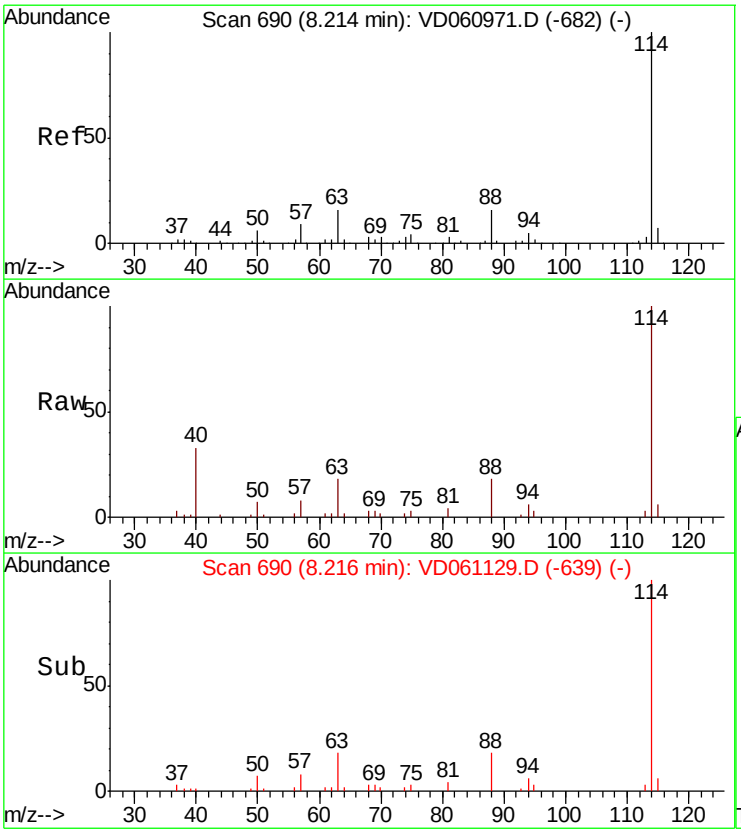


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.46 min Scan# 613
Delta R.T. 0.01 min
Lab File: VD061129.D
Acq: 17 Mar 2019 2:11

Tgt Ion: 65 Resp: 36614

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	105.2

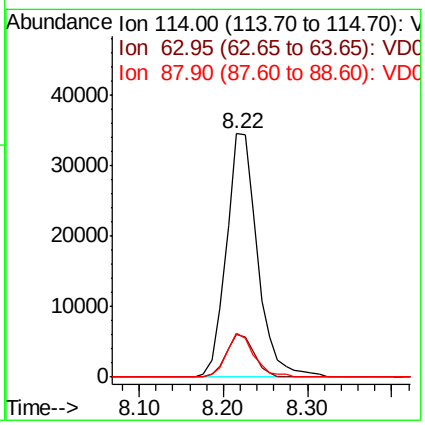


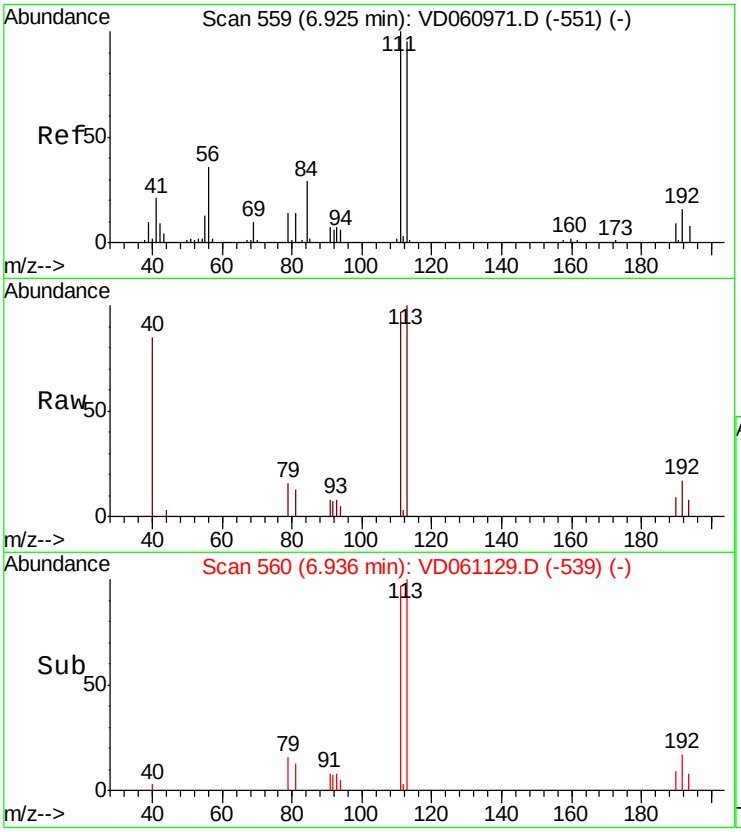


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.22 min Scan# 690
Delta R.T. 0.00 min
Lab File: VD061129.D
Acq: 17 Mar 2019 2:11

Tgt Ion:114 Resp: 88701

Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	31.4
88	18.0	0.0	33.0

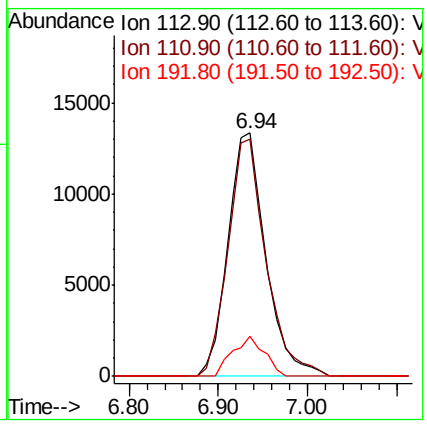


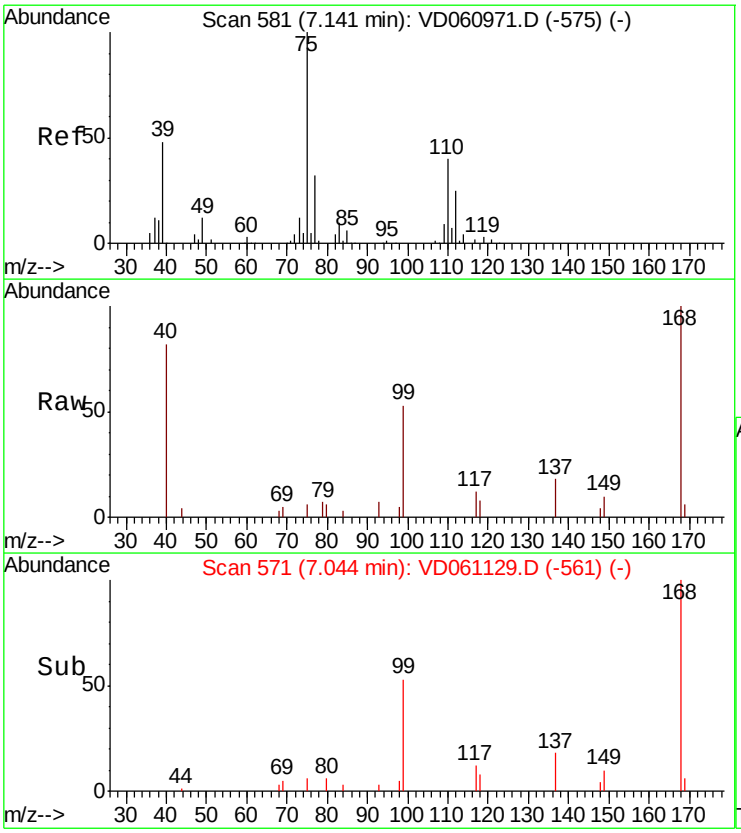


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.94 min Scan# 560
Delta R.T. 0.01 min
Lab File: VD061129.D
Acq: 17 Mar 2019 2:11

Tgt Ion:113 Resp: 39485

Ion	Ratio	Lower	Upper
113	100		
111	97.3	84.2	126.4
192	16.5	13.1	19.7

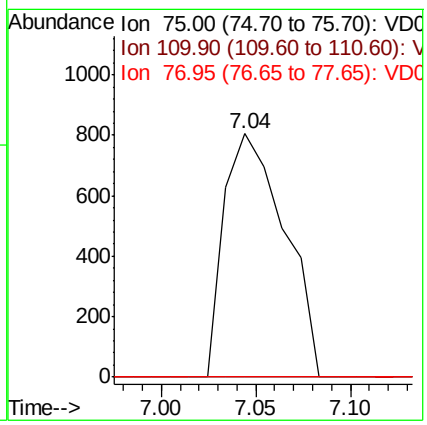


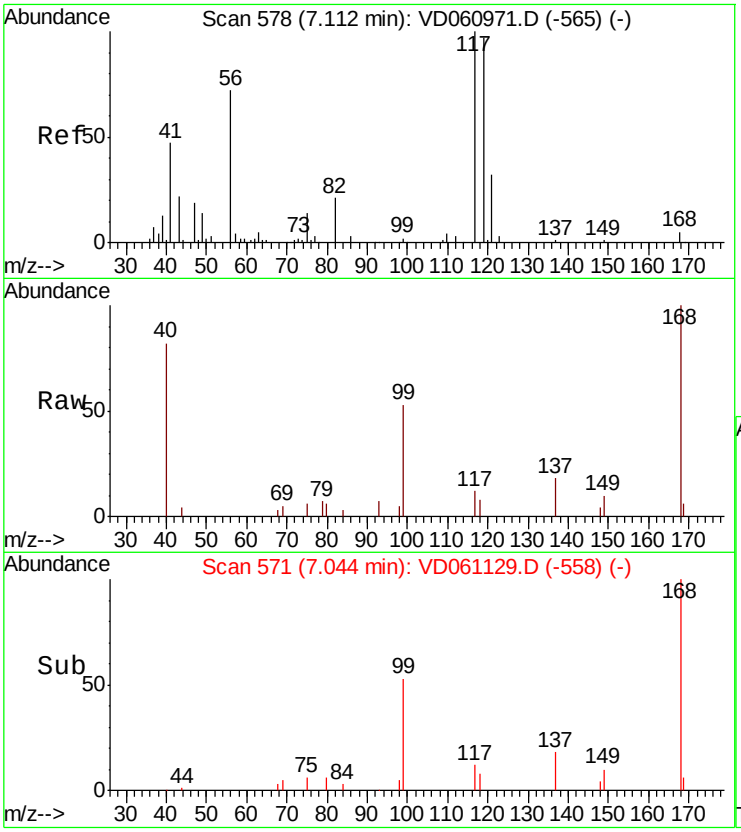


#36
1,1-Dichloropropene
Concen: 2.329 ug/l
RT: 7.04 min Scan# 571
Delta R.T. -0.10 min
Lab File: VD061129.D
Acq: 17 Mar 2019 2:11

Tgt Ion: 75 Resp: 1781

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

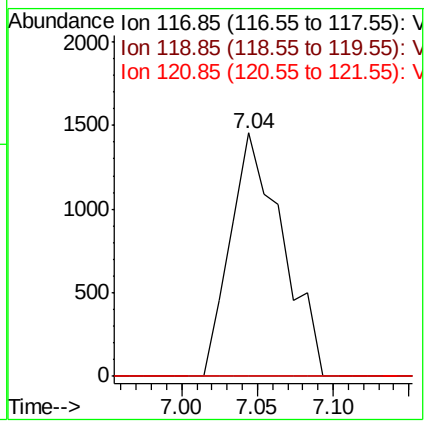


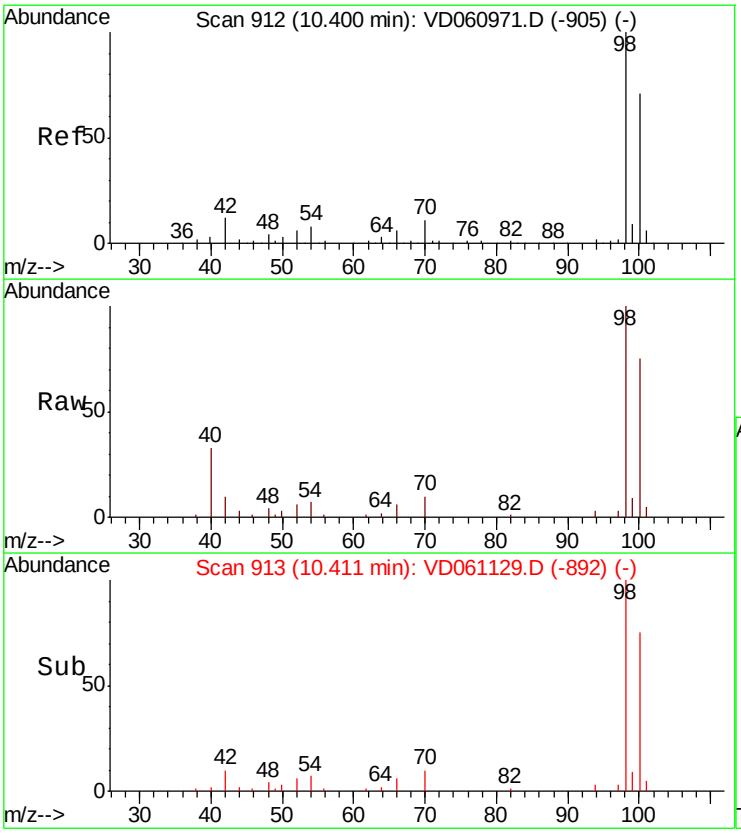


#38
Carbon Tetrachloride
Concen: 4.143 ug/l
RT: 7.04 min Scan# 571
Delta R.T. -0.07 min
Lab File: VD061129.D
Acq: 17 Mar 2019 2:11

Tgt Ion:117 Resp: 3489

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

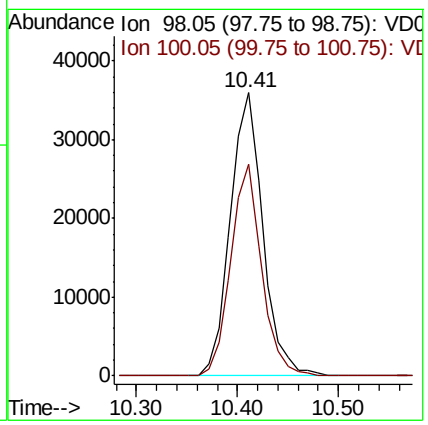


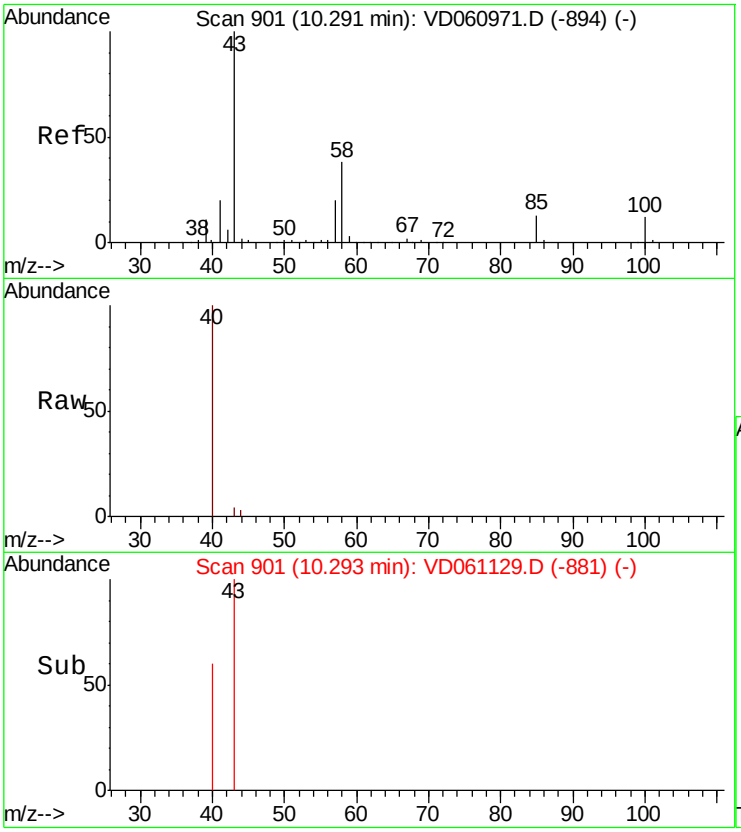


#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD061129.D
Acq: 17 Mar 2019 2:11

Tgt Ion: 98 Resp: 80368

Ion	Ratio	Lower	Upper
98	100		
100	74.6	57.4	86.2

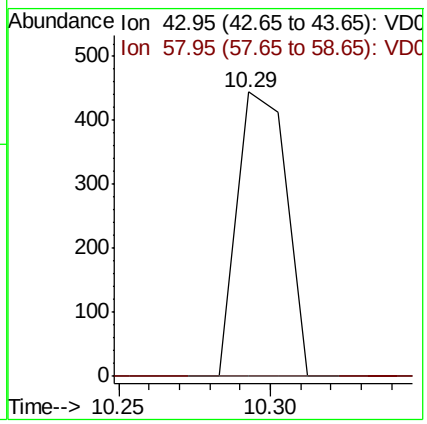


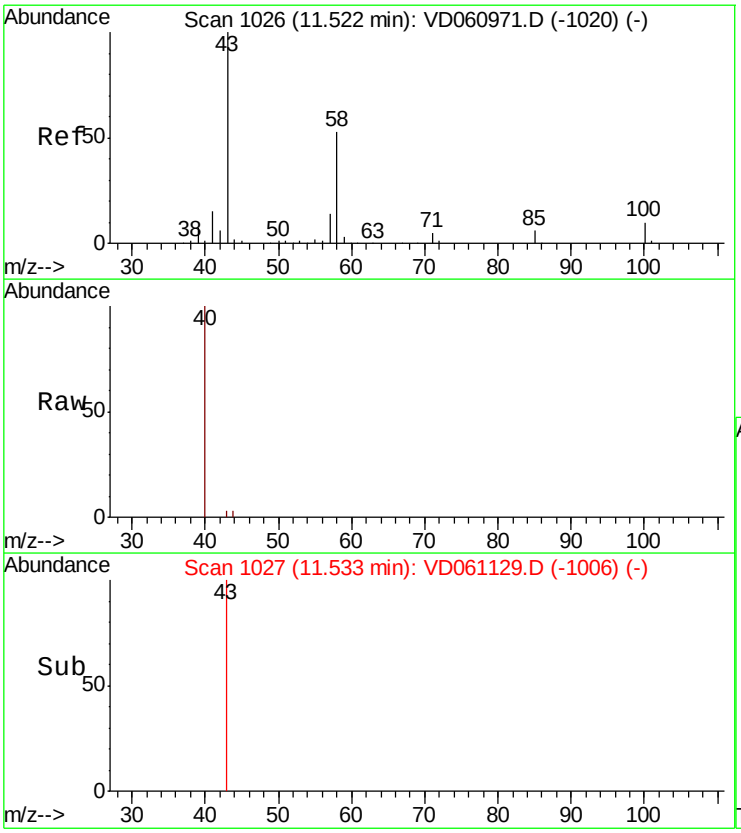


#51
4-Methyl-2-Pentanone
Concen: 1.662 ug/l
RT: 10.29 min Scan# 901
Delta R.T. 0.00 min
Lab File: VD061129.D
Acq: 17 Mar 2019 2:11

Tgt Ion: 43 Resp: 506

Ion	Ratio	Lower	Upper
43	100		
58	0.0	30.2	45.2#

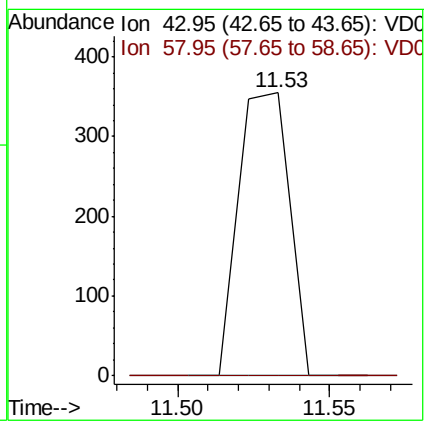


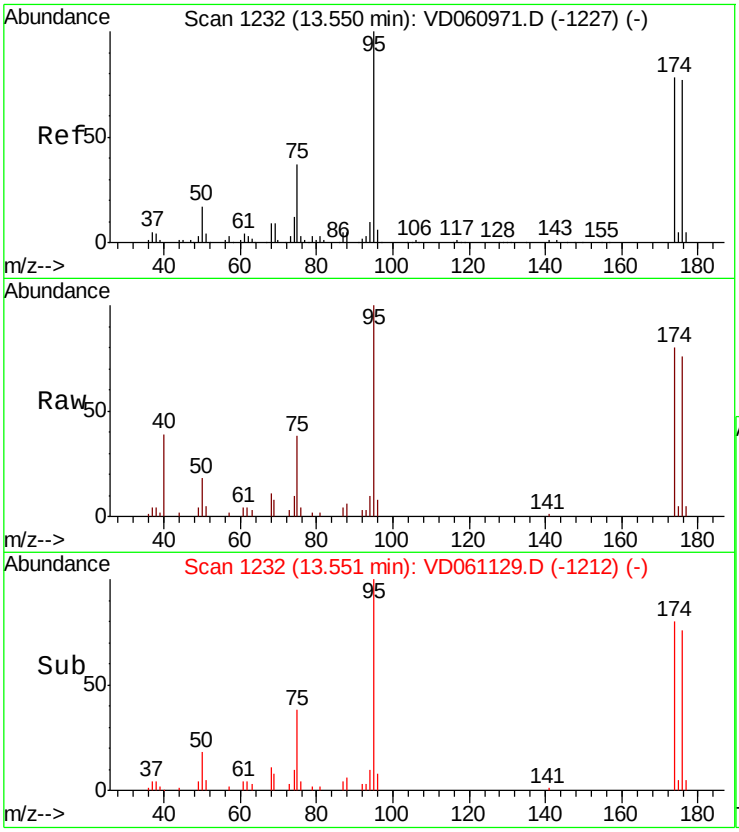


#59
2-Hexanone
Concen: 1.864 ug/l
RT: 11.53 min Scan# 1027
Delta R.T. 0.01 min
Lab File: VD061129.D
Acq: 17 Mar 2019 2:11

Tgt Ion: 43 Resp: 415

Ion	Ratio	Lower	Upper
43	100		
58	0.0	26.5	79.5#

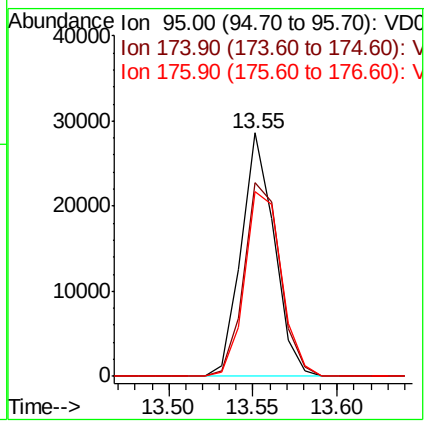


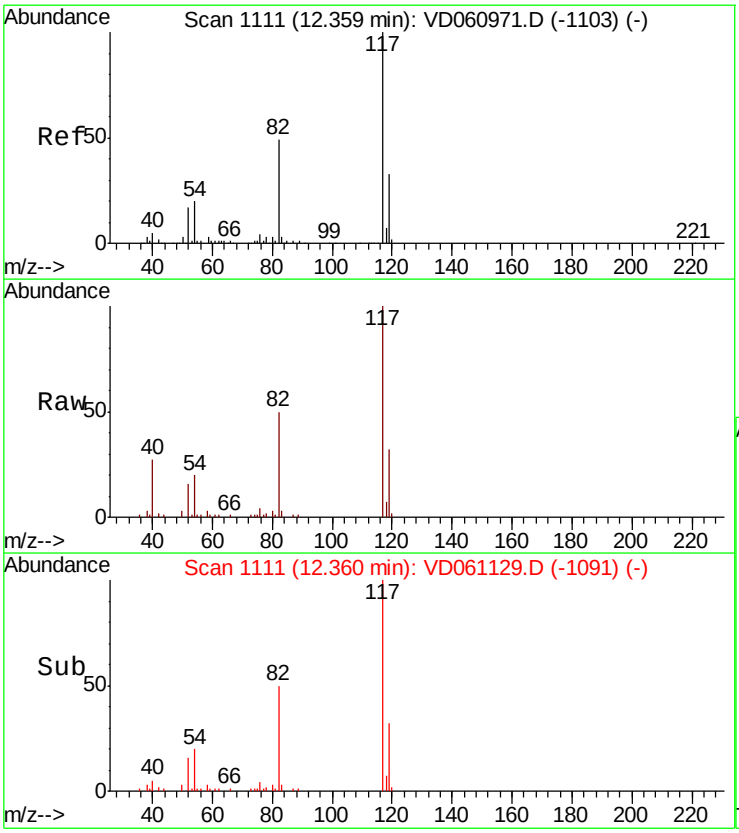


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD061129.D
Acq: 17 Mar 2019 2:11

Tgt Ion: 95 Resp: 38823

Ion	Ratio	Lower	Upper
95	100		
174	79.6	0.0	155.6
176	75.9	0.0	153.8

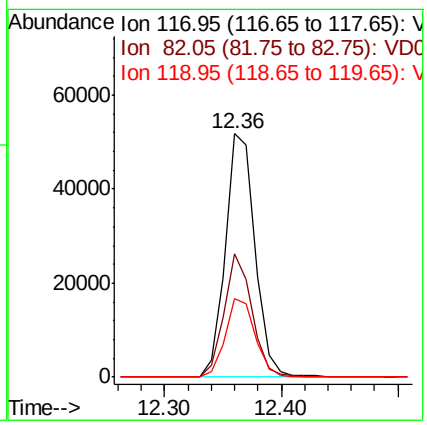


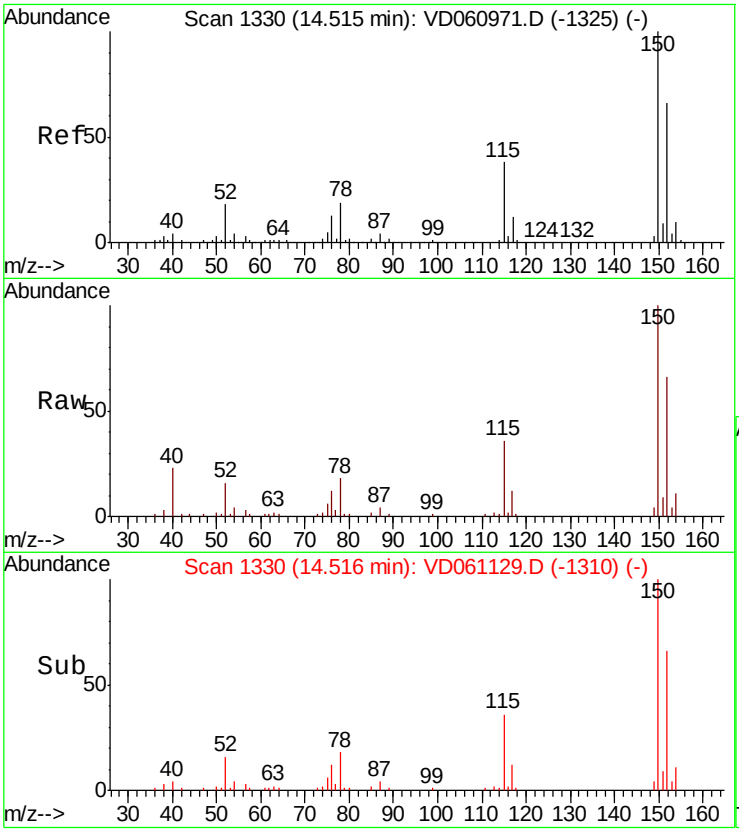


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD061129.D
Acq: 17 Mar 2019 2:11

Tgt Ion:117 Resp: 91137

Ion	Ratio	Lower	Upper
117	100		
82	50.5	38.9	58.3
119	32.2	26.6	39.8

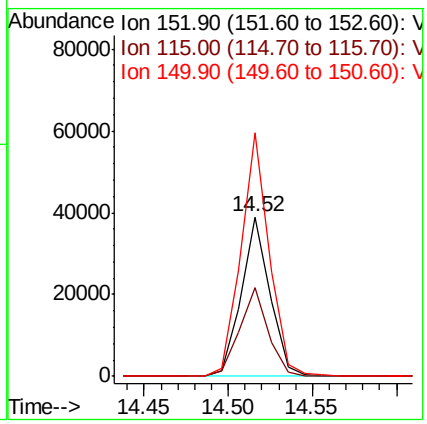


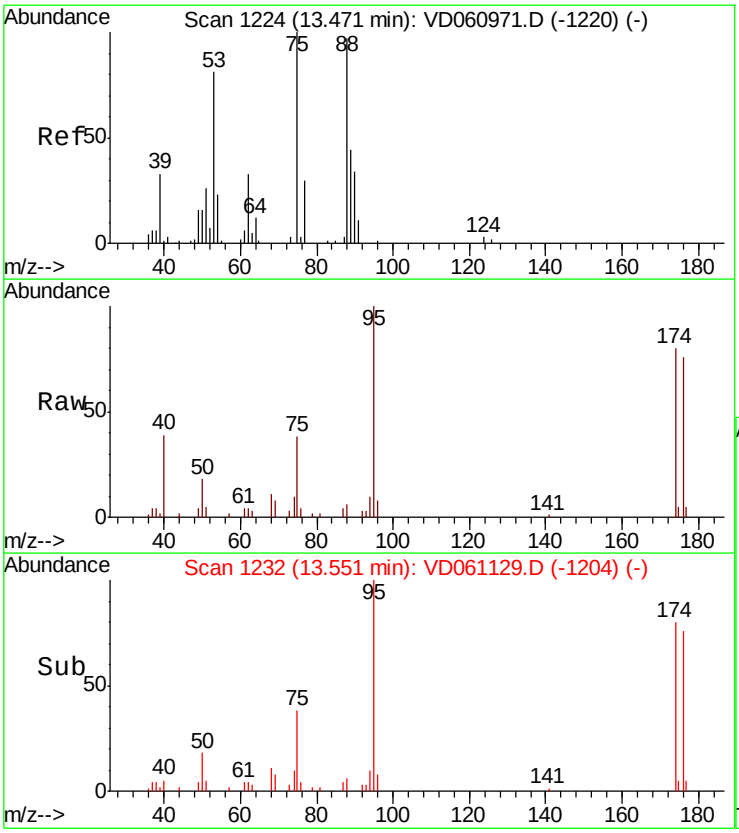


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD061129.D
Acq: 17 Mar 2019 2:11

Tgt Ion:152 Resp: 45891

Ion	Ratio	Lower	Upper
152	100		
115	55.3	28.6	85.9
150	152.5	0.0	310.6





#81
trans-1,4-Dichloro-2-butene
Concen: 72.516 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.08 min
Lab File: VD061129.D
Acq: 17 Mar 2019 2:11

Tgt Ion: 75 Resp: 14115

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