Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD042419\
Data File : VD062027.D
Acq On : 25 Apr 2019 8:11
Operator : VA/AP
Sample : K2518-05RE
Misc : 5.08g/5ml/MSVOA_D/SOIL
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: Apr 25 08:52:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 14:52:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	30891	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.23	114	54853	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.37	117	43571	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	15189	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	31581	130.62	ug/l	0.01
Spiked Amount 50.000			Recovery = 261.24%			
35) Dibromofluoromethane	6.94	113	23652	62.35	ug/l	0.01
Spiked Amount 50.000			Recovery = 124.70%			
50) Toluene-d8	10.42	98	36729	40.69	ug/l	0.00
Spiked Amount 50.000			Recovery = 81.38%			
62) 4-Bromofluorobenzene	13.56	95	18454	50.97	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.94%			
Target Compounds						Qvalue
5) Bromomethane	2.10	94	415	5.893	ug/l #	12
16) Acetone	3.22	43	7887	136.624	ug/l #	86
18) Methyl Acetate	3.66	43	217	Below Cal	#	53
20) Methylene Chloride	3.84	84	207	Below Cal	#	8
25) 2-Butanone	6.09	43	956	13.659	ug/l #	56
36) 1,1-Dichloropropene	7.05	75	1351	3.161	ug/l #	40
37) Ethyl Acetate	6.09	43	956	5.249	ug/l #	64
38) Carbon Tetrachloride	7.07	117	2178	4.022	ug/l #	12
51) 4-Methyl-2-Pentanone	10.31	43	736	4.523	ug/l #	37
52) Toluene	10.52	92	2100	3.113	ug/l	88
81) trans-1,4-Dichloro-2-buten	13.56	75	6891	117.897	ug/l #	16
95) Naphthalene	16.13	128	927	2.534	ug/l #	70

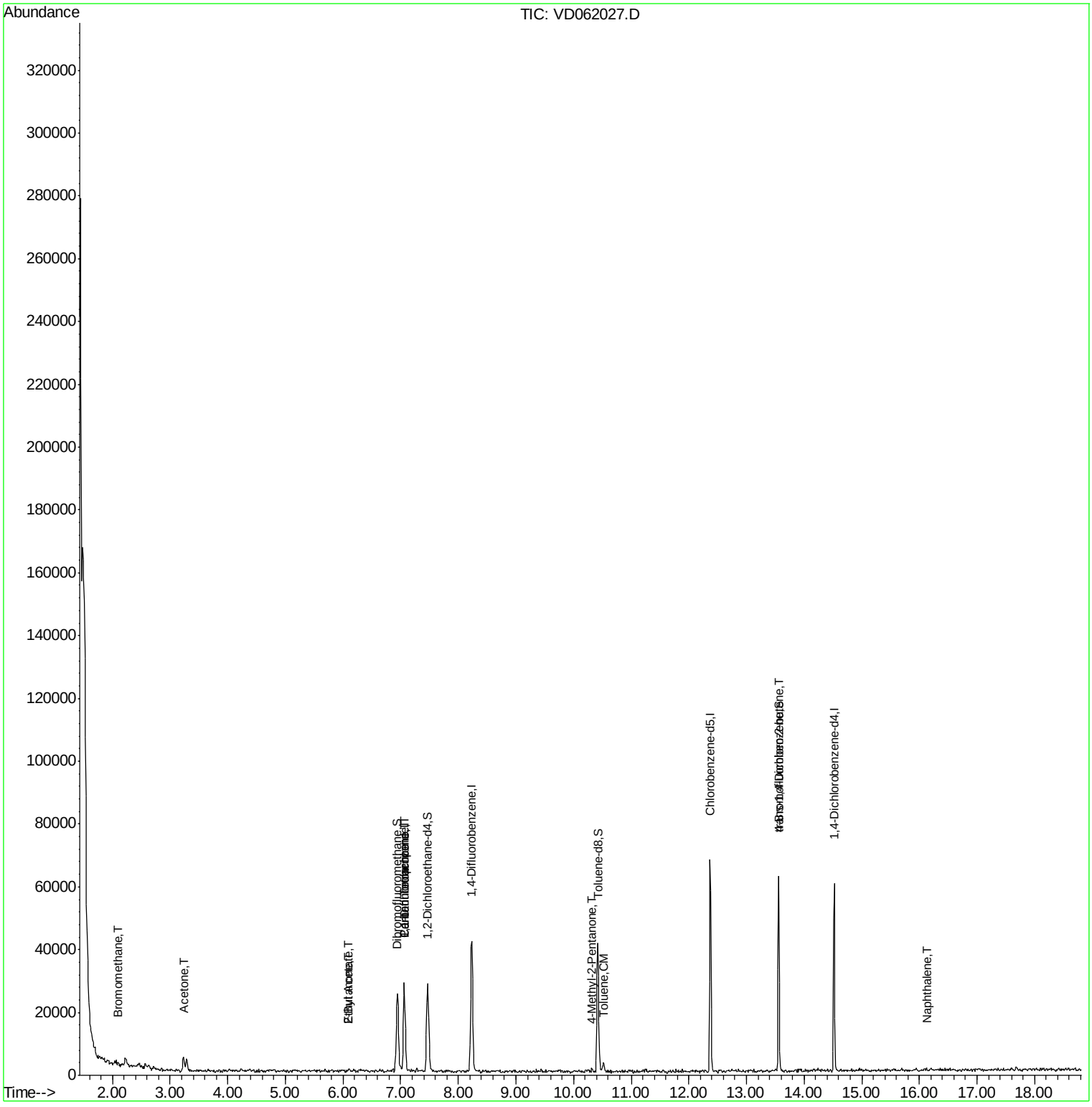
(#) = qualifier out of range (m) = manual integration (+) = signals summed

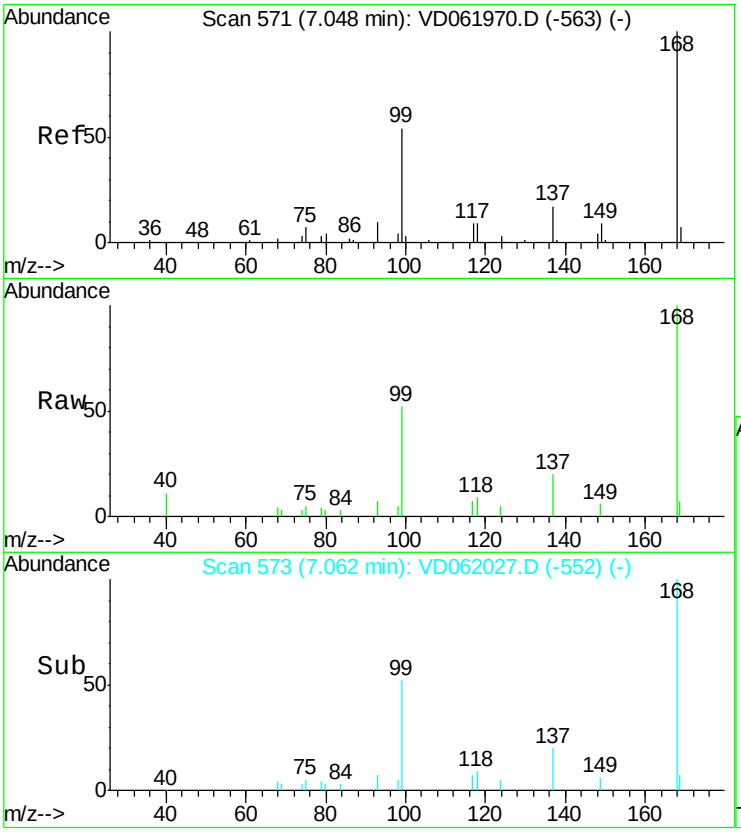
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042419\
Data File : VD062027.D
Acq On : 25 Apr 2019 8:11
Operator : VA/AP
Sample : K2518-05RE
Misc : 5.08g/5ml/MSVOA D/SOIL
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Apr 25 08:52:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 14:52:55 2019
Response via : Initial Calibration



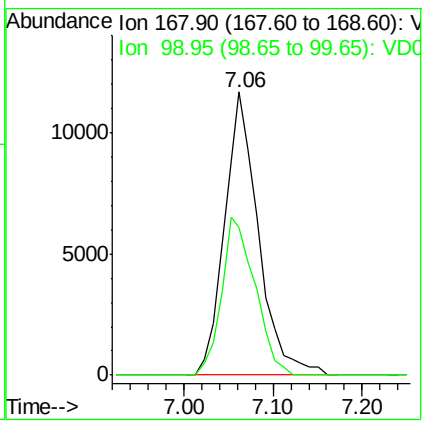


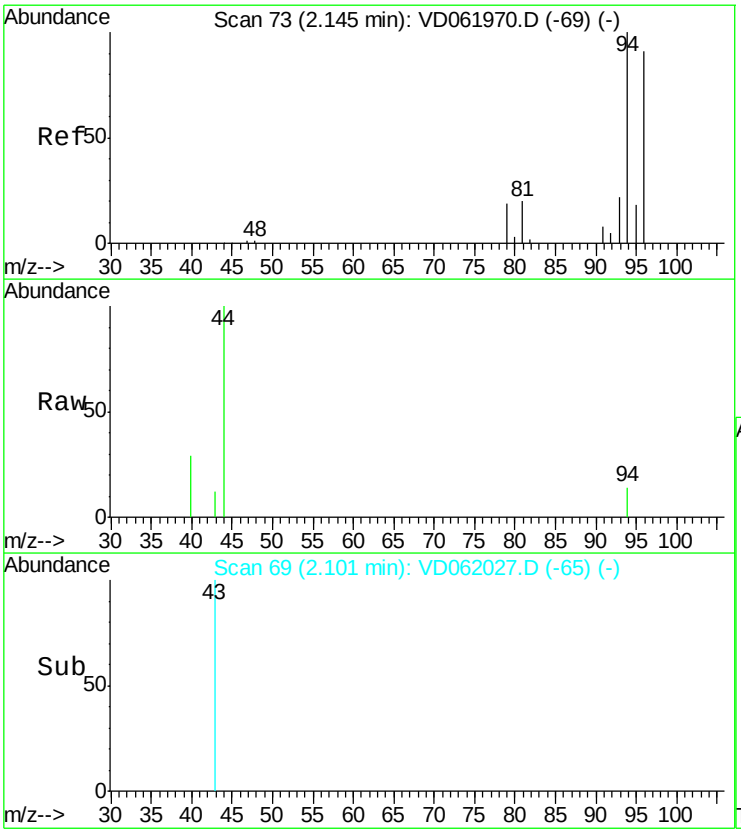
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.06 min Scan# 573
Delta R.T. 0.01 min
Lab File: VD062027.D
Acq: 25 Apr 2019 8:11

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 30891

Ion	Ratio	Lower	Upper
168	100		
99	52.1	46.5	69.7

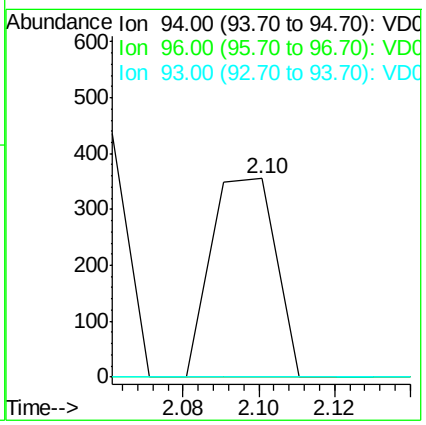


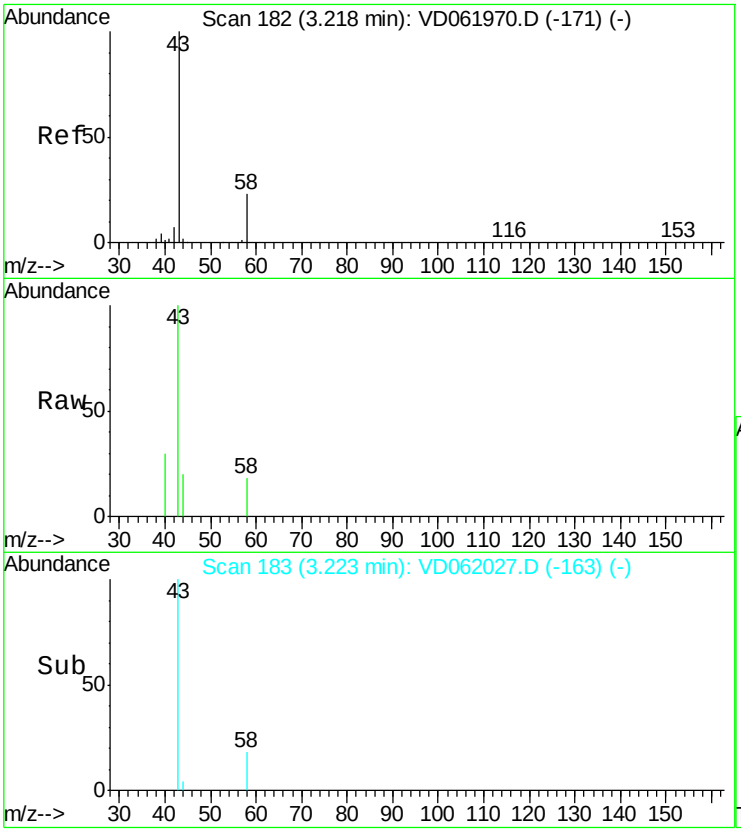


#5
Bromomethane
Concen: 5.893 ug/l
RT: 2.10 min Scan# 69
Delta R.T. -0.06 min
Lab File: VD062027.D
Acq: 25 Apr 2019 8:11

Tgt Ion: 94 Resp: 415

Ion	Ratio	Lower	Upper
94	100		
96	0.0	76.6	115.0#
93	0.0	18.5	27.7#



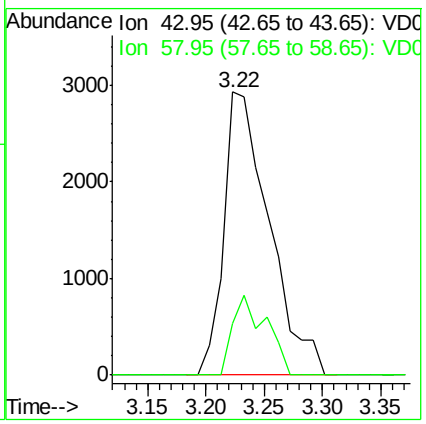


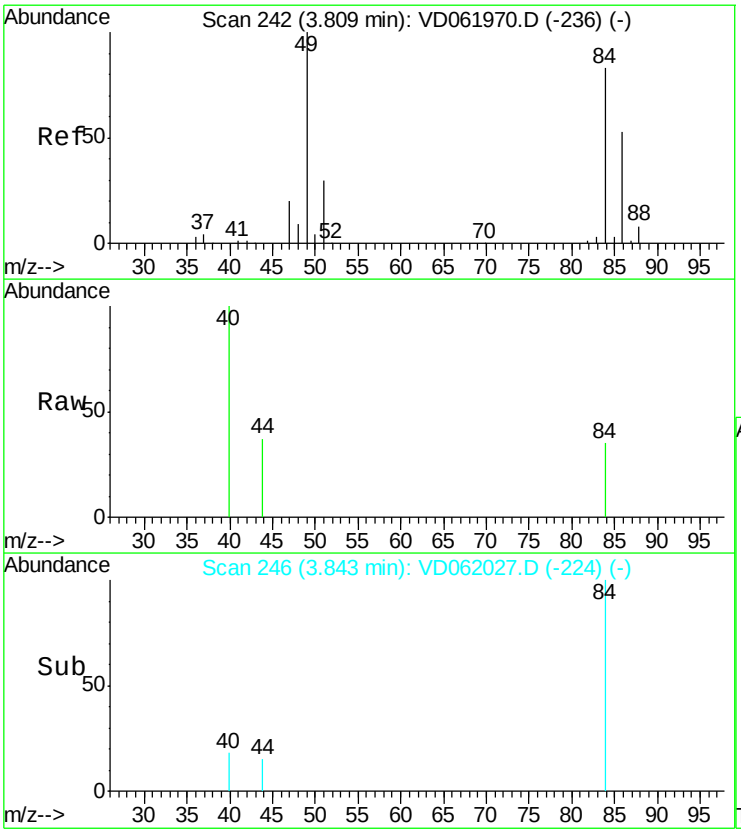
#16
Acetone
Concen: 136.624 ug/l
RT: 3.22 min Scan# 183
Delta R.T. 0.00 min
Lab File: VD062027.D
Acq: 25 Apr 2019 8:11

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 7887

Ion	Ratio	Lower	Upper
43	100		
58	18.1	19.9	29.9#

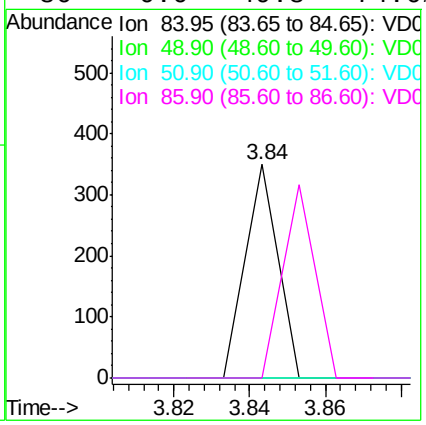


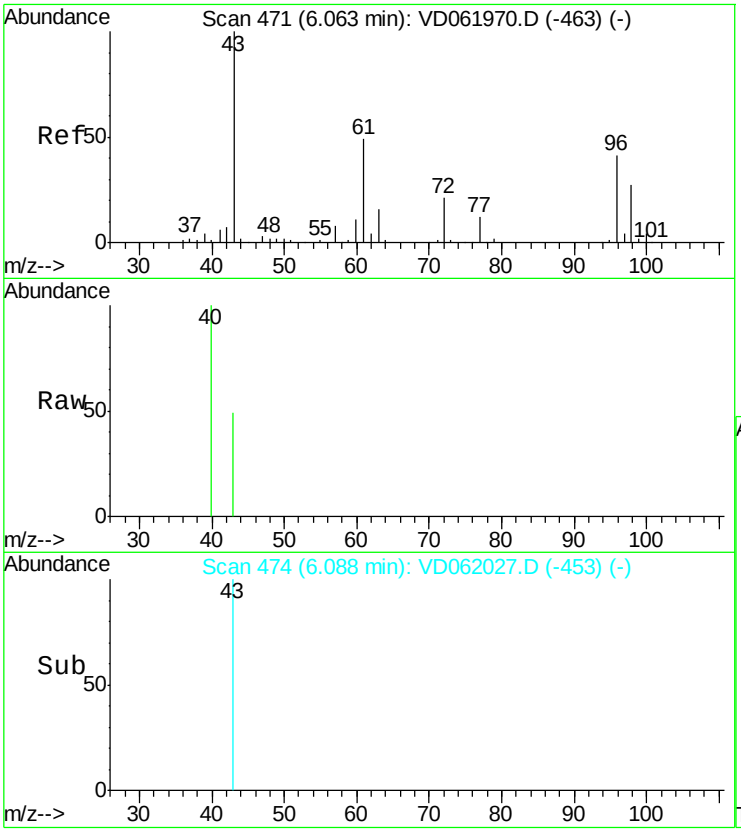


#20
Methylene Chloride
Concen: Below Cal
RT: 3.84 min Scan# 246
Delta R.T. 0.02 min
Lab File: VD062027.D
Acq: 25 Apr 2019 8:11

Tgt Ion: 84 Resp: 207

Ion	Ratio	Lower	Upper
84	100		
49	0.0	94.0	141.0#
51	0.0	29.0	43.4#
86	0.0	49.8	74.6#



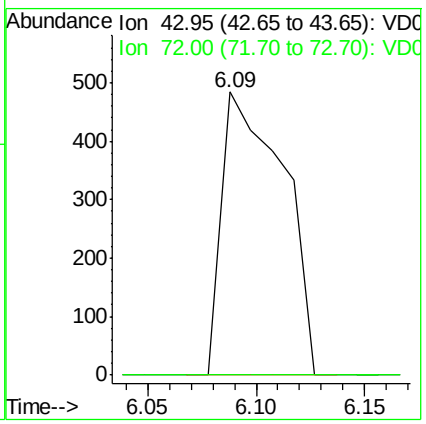


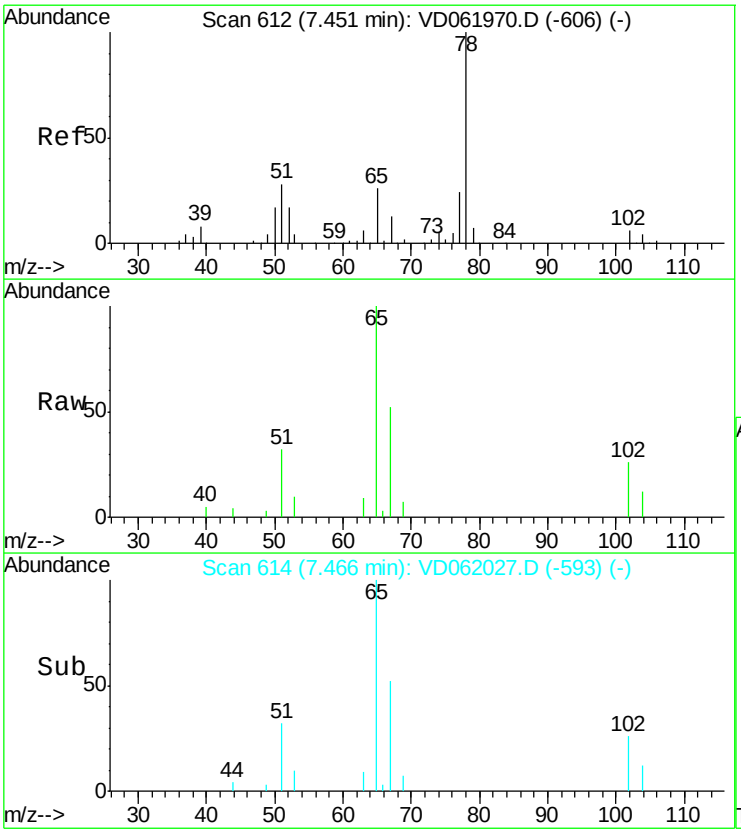
#25
2-Butanone
Concen: 13.659 ug/l
RT: 6.09 min Scan# 474
Delta R.T. 0.01 min
Lab File: VD062027.D
Acq: 25 Apr 2019 8:11

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 956

Ion	Ratio	Lower	Upper
43	100		
72	0.0	16.2	24.4#

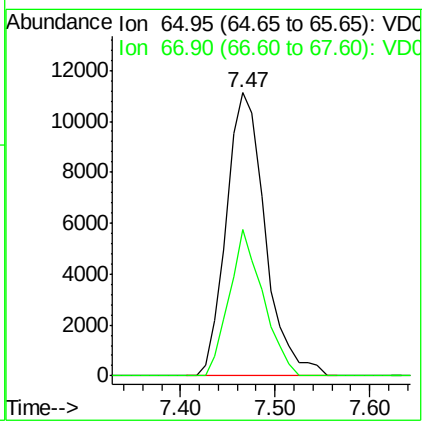


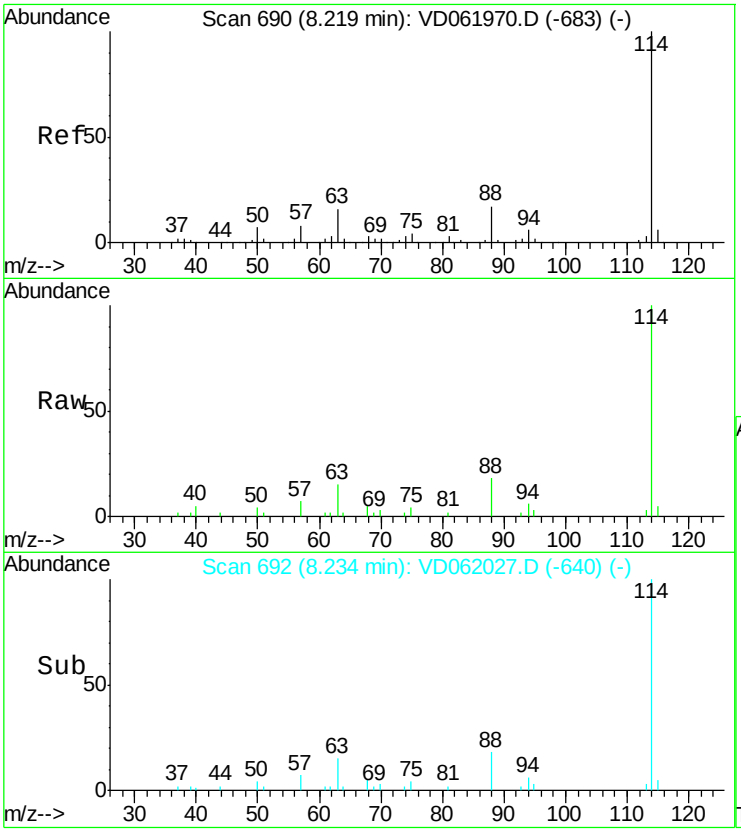


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.47 min Scan# 614
Delta R.T. 0.01 min
Lab File: VD062027.D
Acq: 25 Apr 2019 8:11

Tgt Ion: 65 Resp: 31581

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	98.0



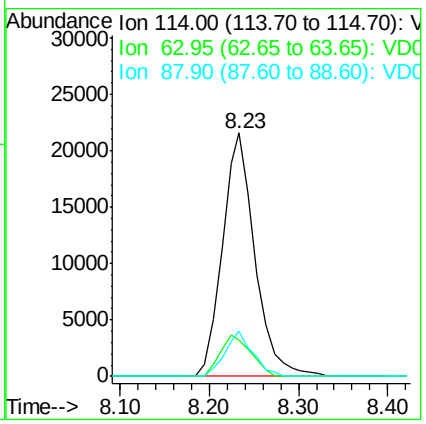


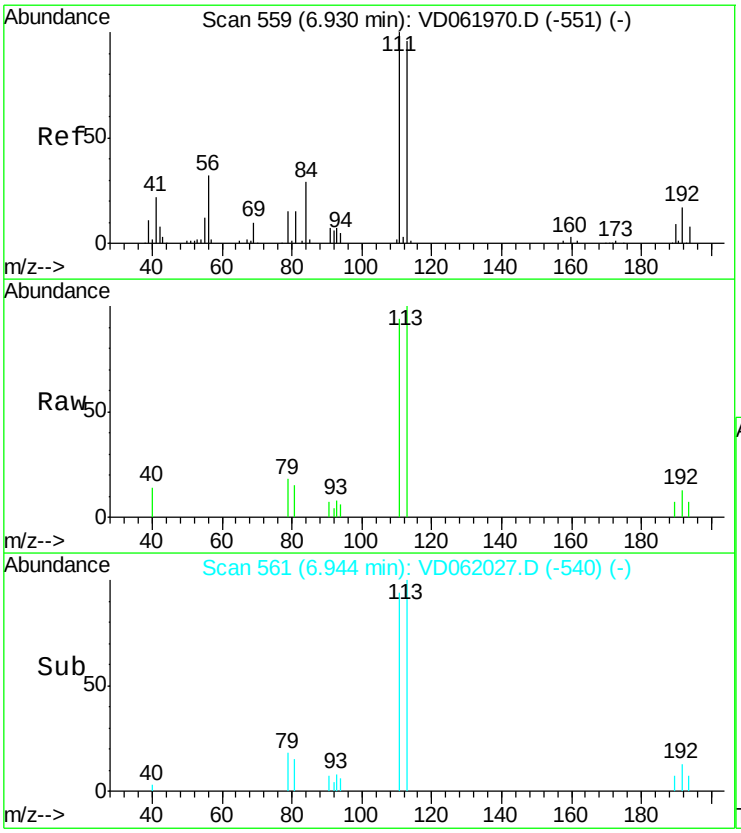
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.23 min Scan# 692
Delta R.T. 0.01 min
Lab File: VD062027.D
Acq: 25 Apr 2019 8:11

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:114 Resp: 54853

Ion	Ratio	Lower	Upper
114	100		
63	14.7	0.0	32.4
88	18.5	0.0	33.6

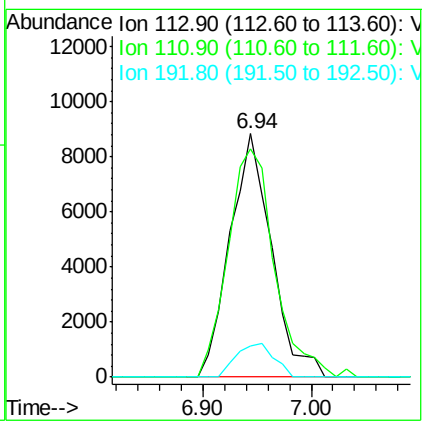


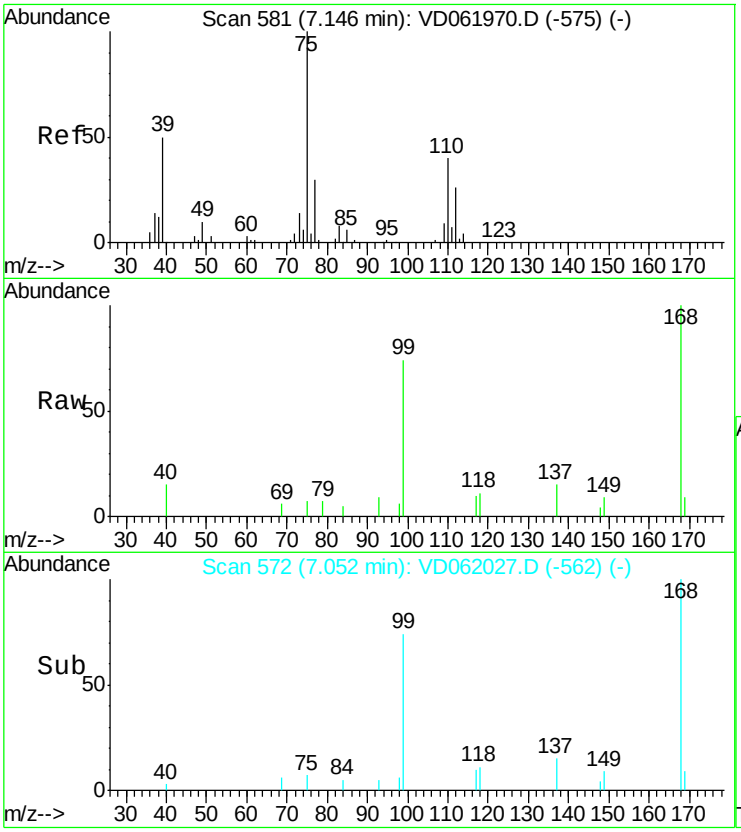


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.94 min Scan# 561
Delta R.T. 0.01 min
Lab File: VD062027.D
Acq: 25 Apr 2019 8:11

Tgt Ion:113 Resp: 23652

Ion	Ratio	Lower	Upper
113	100		
111	93.8	78.5	117.7
192	12.8	13.0	19.4#



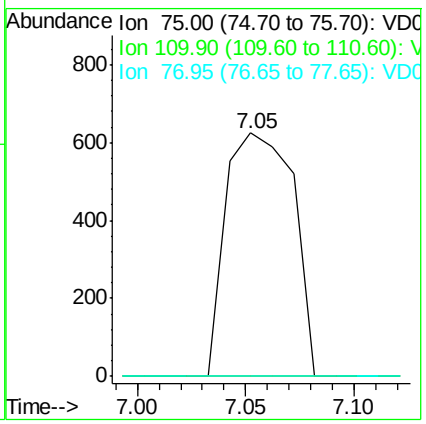


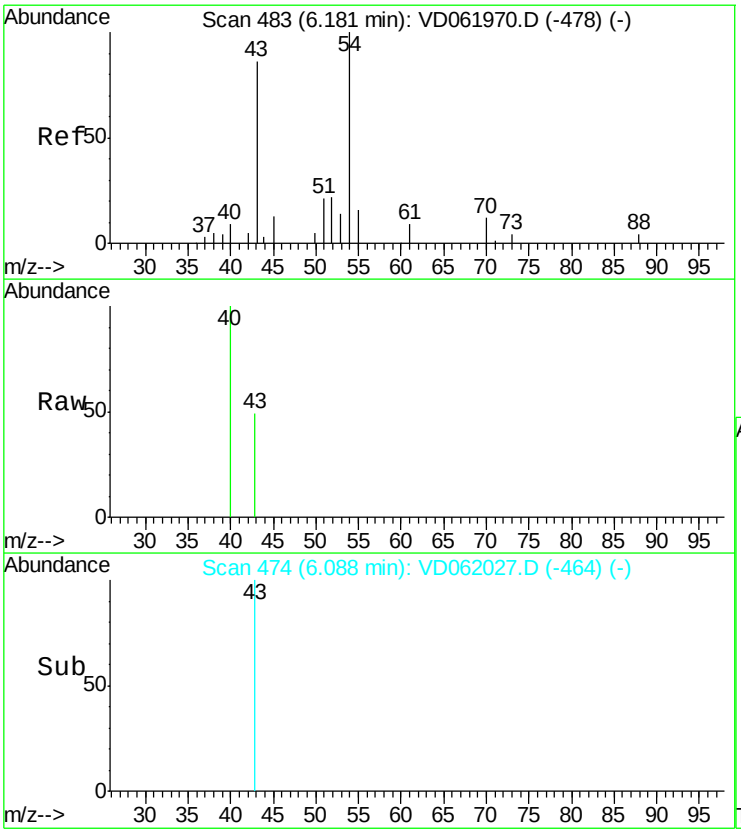
#36
1,1-Dichloropropene
Concen: 3.161 ug/l
RT: 7.05 min Scan# 572
Delta R.T. -0.10 min
Lab File: VD062027.D
Acq: 25 Apr 2019 8:11

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 1351

Ion	Ratio	Lower	Upper
75	100		
110	0.0	19.1	57.1#
77	0.0	25.6	38.4#

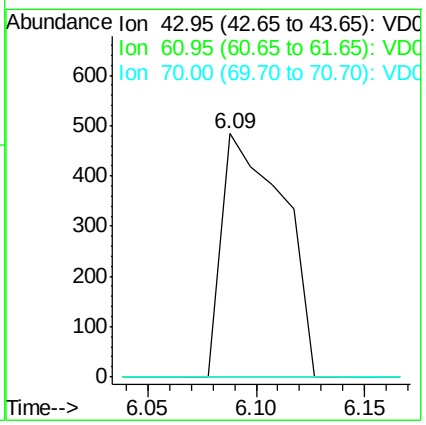


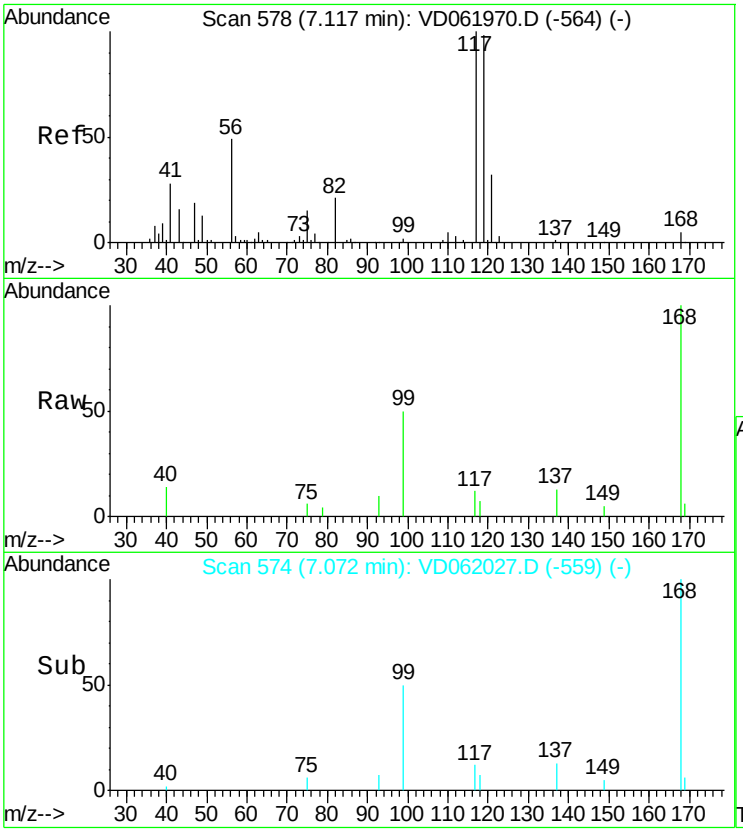


#37
Ethyl Acetate
Concen: 5.249 ug/l
RT: 6.09 min Scan# 474
Delta R.T. -0.10 min
Lab File: VD062027.D
Acq: 25 Apr 2019 8:11

Tgt Ion: 43 Resp: 956

Ion	Ratio	Lower	Upper
43	100		
61	0.0	14.7	22.1#
70	0.0	7.8	11.6#



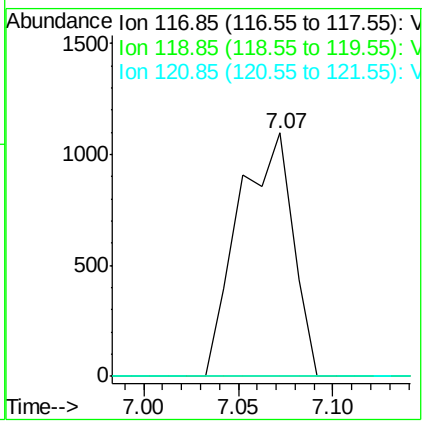


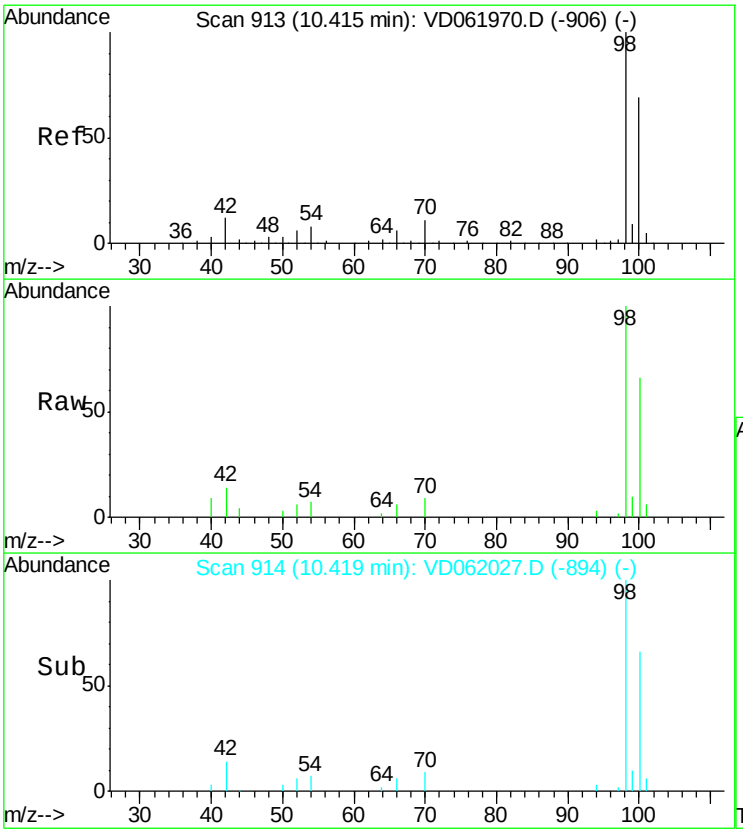
#38
Carbon Tetrachloride
Concen: 4.022 ug/l
RT: 7.07 min Scan# 574
Delta R.T. -0.05 min
Lab File: VD062027.D
Acq: 25 Apr 2019 8:11

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 2178

Ion	Ratio	Lower	Upper
117	100		
119	0.0	75.8	113.8#
121	0.0	25.9	38.9#

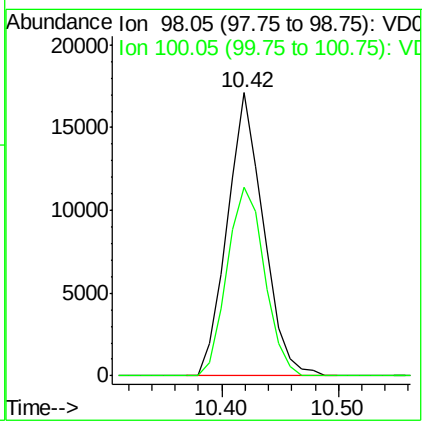


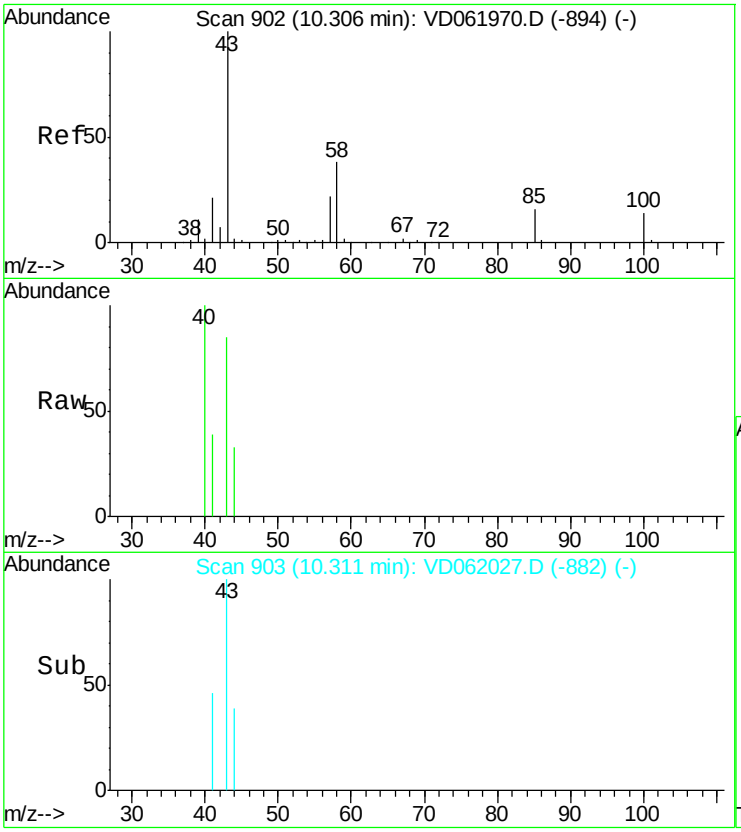


#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.00 min
Lab File: VD062027.D
Acq: 25 Apr 2019 8:11

Tgt Ion: 98 Resp: 36729

Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.8	80.8



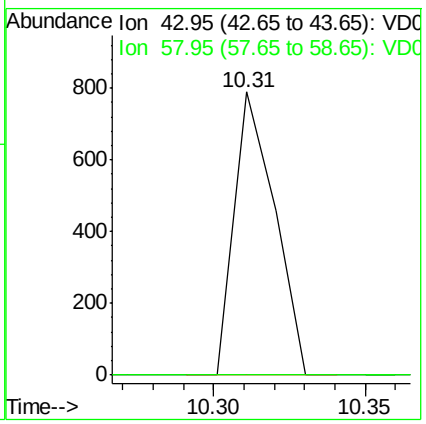


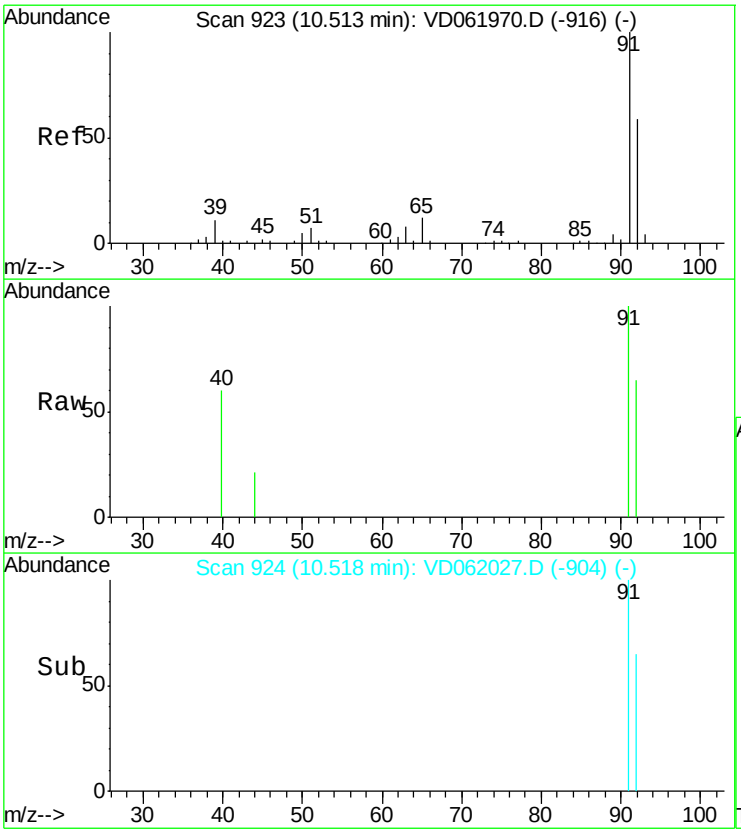
#51
4-Methyl-2-Pentanone
Concen: 4.523 ug/l
RT: 10.31 min Scan# 903
Delta R.T. 0.01 min
Lab File: VD062027.D
Acq: 25 Apr 2019 8:11

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 736

Ion	Ratio	Lower	Upper
43	100		
58	0.0	30.4	45.6#

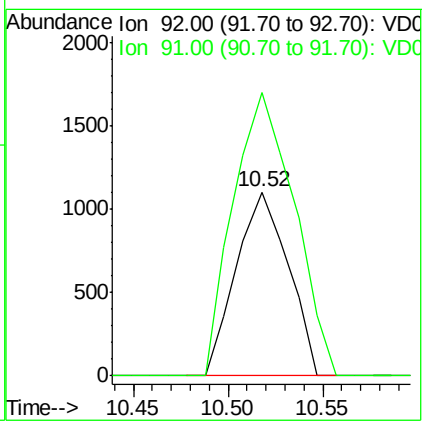


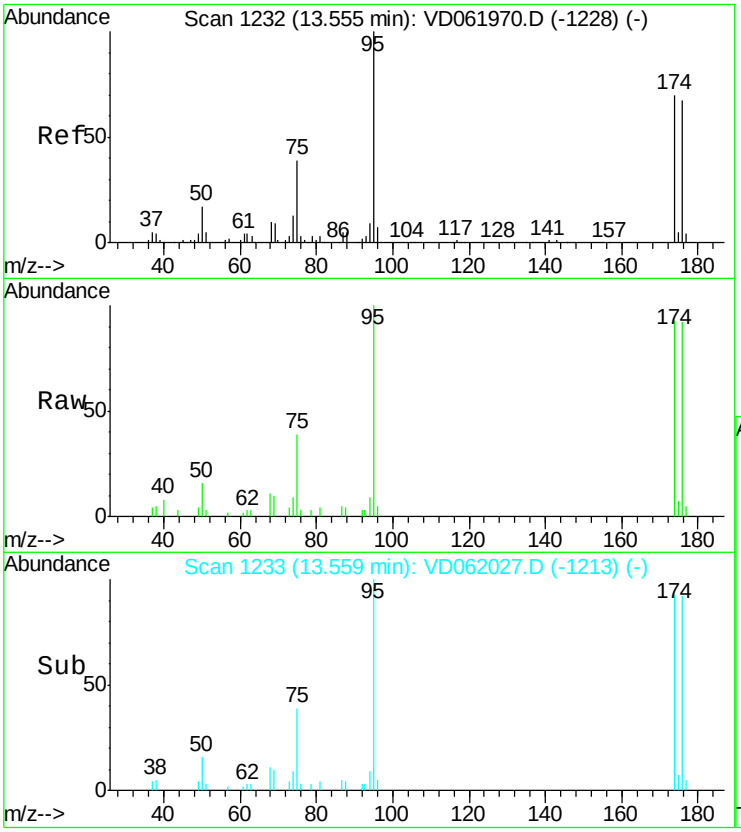


#52
Toluene
Concen: 3.113 ug/l
RT: 10.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: VD062027.D
Acq: 25 Apr 2019 8:11

Tgt Ion: 92 Resp: 2100

Ion	Ratio	Lower	Upper
92	100		
91	153.9	136.6	204.8



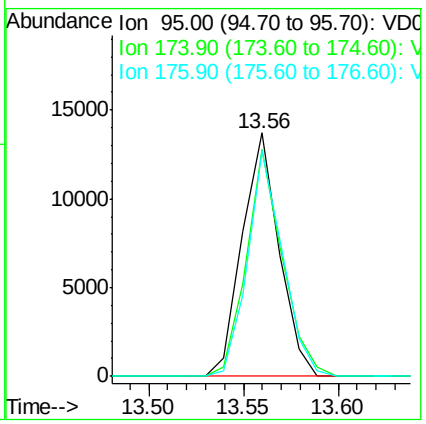


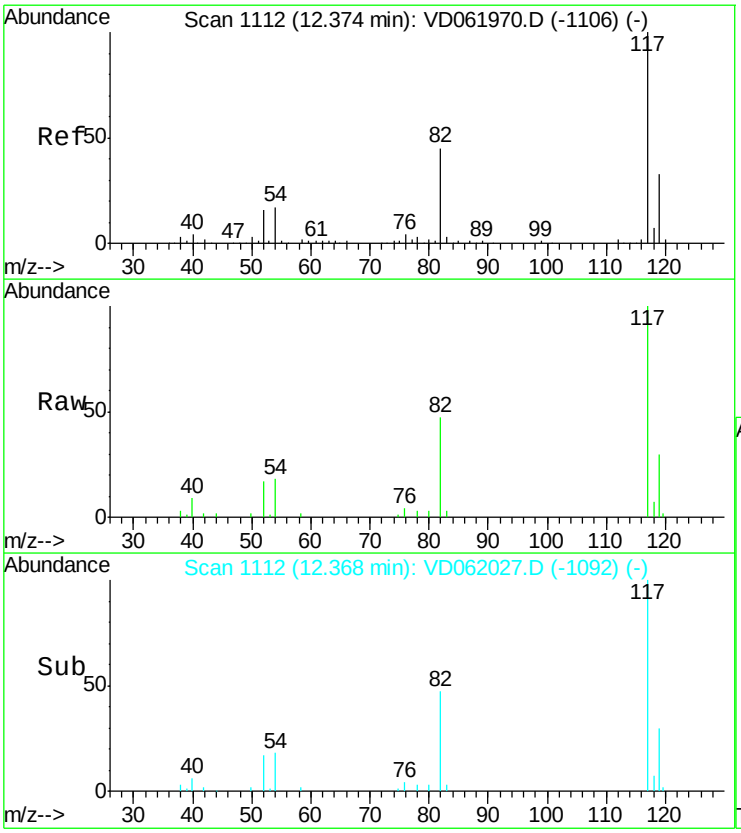
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.00 min
Lab File: VD062027.D
Acq: 25 Apr 2019 8:11

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 95 Resp: 18454

Ion	Ratio	Lower	Upper
95	100		
174	93.4	0.0	181.8
176	92.5	0.0	174.4

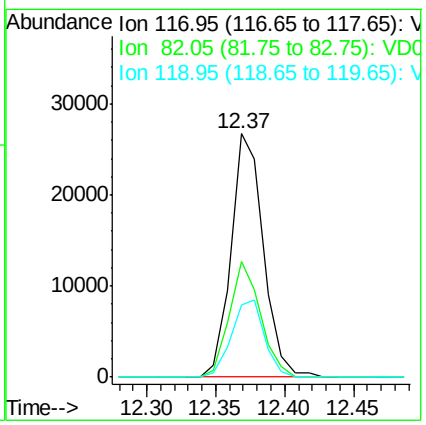


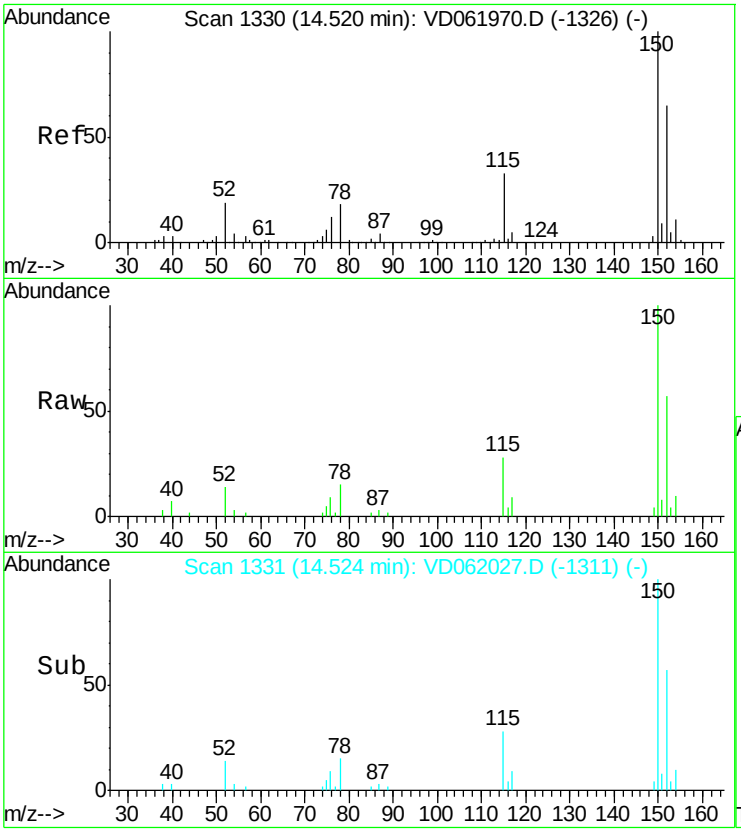


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VD062027.D
Acq: 25 Apr 2019 8:11

Tgt Ion:117 Resp: 43571

Ion	Ratio	Lower	Upper
117	100		
82	47.3	36.2	54.2
119	29.6	26.2	39.4



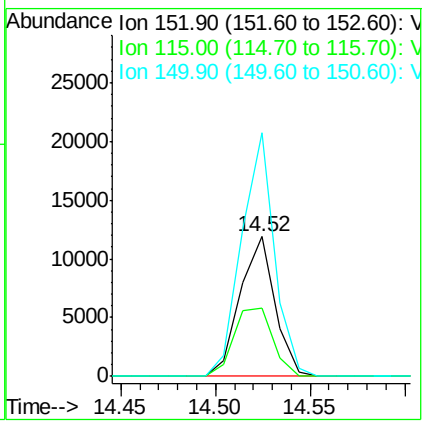


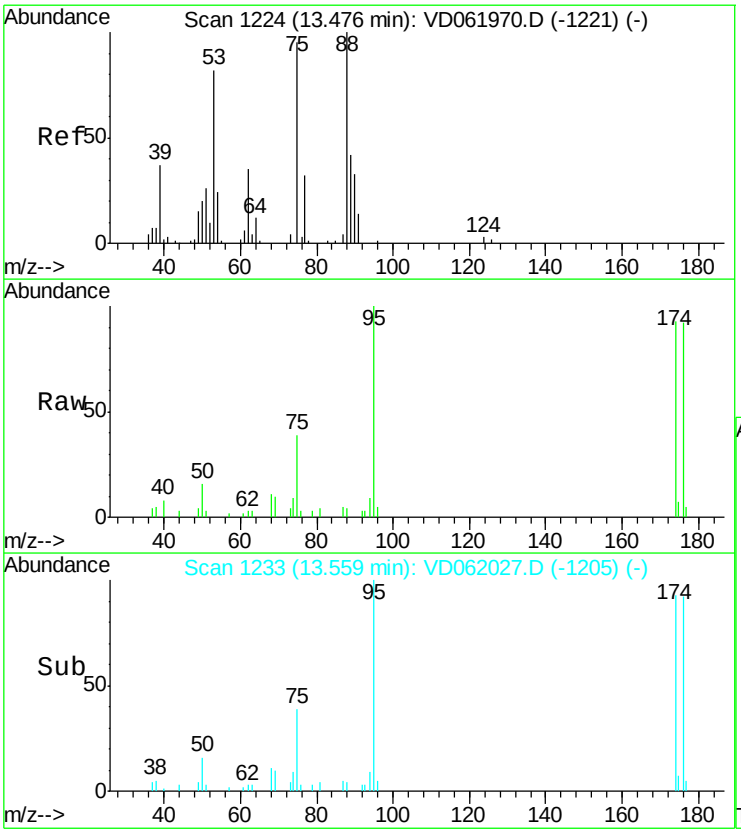
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.00 min
Lab File: VD062027.D
Acq: 25 Apr 2019 8:11

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:152 Resp: 15189

Ion	Ratio	Lower	Upper
152	100		
115	49.2	30.9	92.7
150	174.3	0.0	314.8

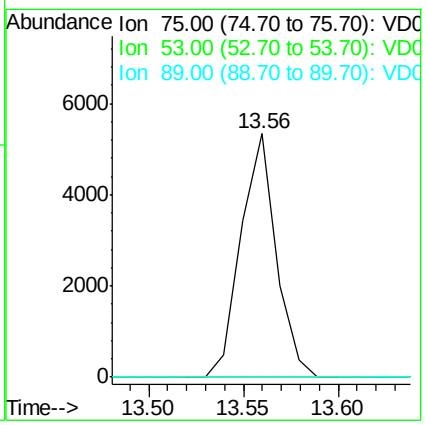


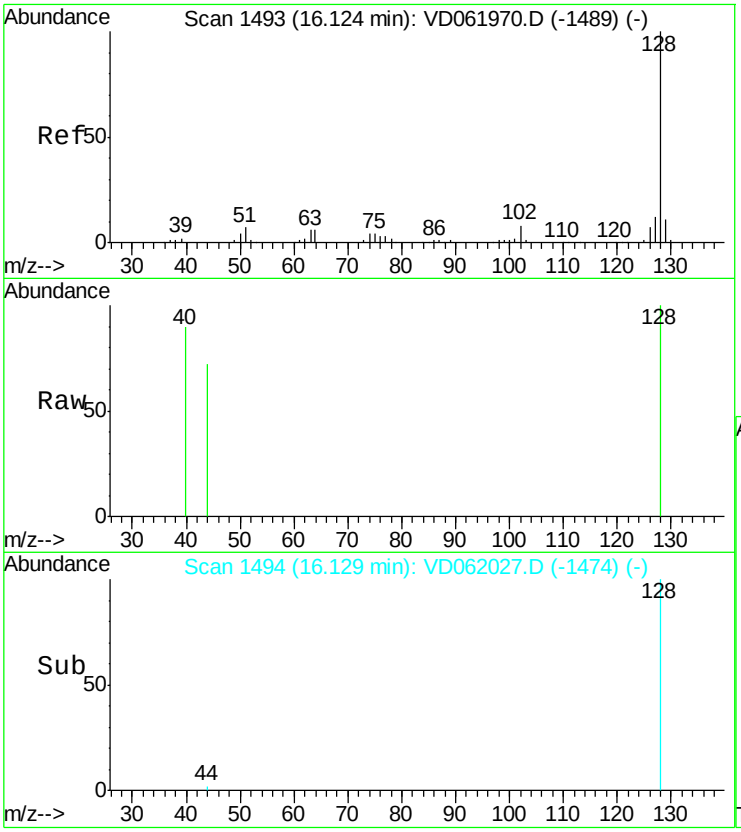


#81
trans-1,4-Dichloro-2-butene
Concen: 117.897 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.08 min
Lab File: VD062027.D
Acq: 25 Apr 2019 8:11

Tgt Ion: 75 Resp: 6891

Ion	Ratio	Lower	Upper
75	100		
53	0.0	65.8	98.8#
89	0.0	35.0	52.6#





#95
Naphthalene
Concen: 2.534 ug/l
RT: 16.13 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VD062027.D
Acq: 25 Apr 2019 8:11

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 927

Ion	Ratio	Lower	Upper
128	100		
127	0.0	9.8	14.8#
129	0.0	8.8	13.2#