Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD041619\
Data File : VD061841.D
Acq On : 17 Apr 2019 7:54
Operator : VA/AP
Sample : K2423-13
Misc : 5.17g/5ml/MSVOA_D/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: Apr 17 08:39:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 16 08:53:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	165741	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	8.22	114	323756	50.00	ug/l	-0.04
63) Chlorobenzene-d5	12.37	117	304451	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	14.52	152	146074	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	99613	71.71	ug/l	-0.04
Spiked Amount 50.000			Recovery = 143.42%			
35) Dibromofluoromethane	6.93	113	121885	49.83	ug/l	-0.05
Spiked Amount 50.000			Recovery = 99.66%			
50) Toluene-d8	10.41	98	216055	37.28	ug/l	-0.04
Spiked Amount 50.000			Recovery = 74.56%			
62) 4-Bromofluorobenzene	13.55	95	104740	44.59	ug/l	-0.03
Spiked Amount 50.000			Recovery = 89.18%			
Target Compounds						Qvalue
5) Bromomethane	2.18	94	184	Below Cal	#	12
8) Diethyl Ether	2.88	74	1696	3.119	ug/l	77
11) Tert butyl alcohol	4.06	59	465	5.677	ug/l #	76
16) Acetone	3.22	43	45352	132.472	ug/l	94
18) Methyl Acetate	3.67	43	741	1.080	ug/l #	53
20) Methylene Chloride	3.82	84	31420	15.278	ug/l	94
31) Cyclohexane	7.04	56	2601	1.236	ug/l #	1
36) 1,1-Dichloropropene	7.04	75	11506	4.349	ug/l #	49
38) Carbon Tetrachloride	7.05	117	15711	4.703	ug/l #	19
52) Toluene	10.51	92	6380	1.567	ug/l	78
81) trans-1,4-Dichloro-2-buten	13.55	75	38879	61.696	ug/l #	16

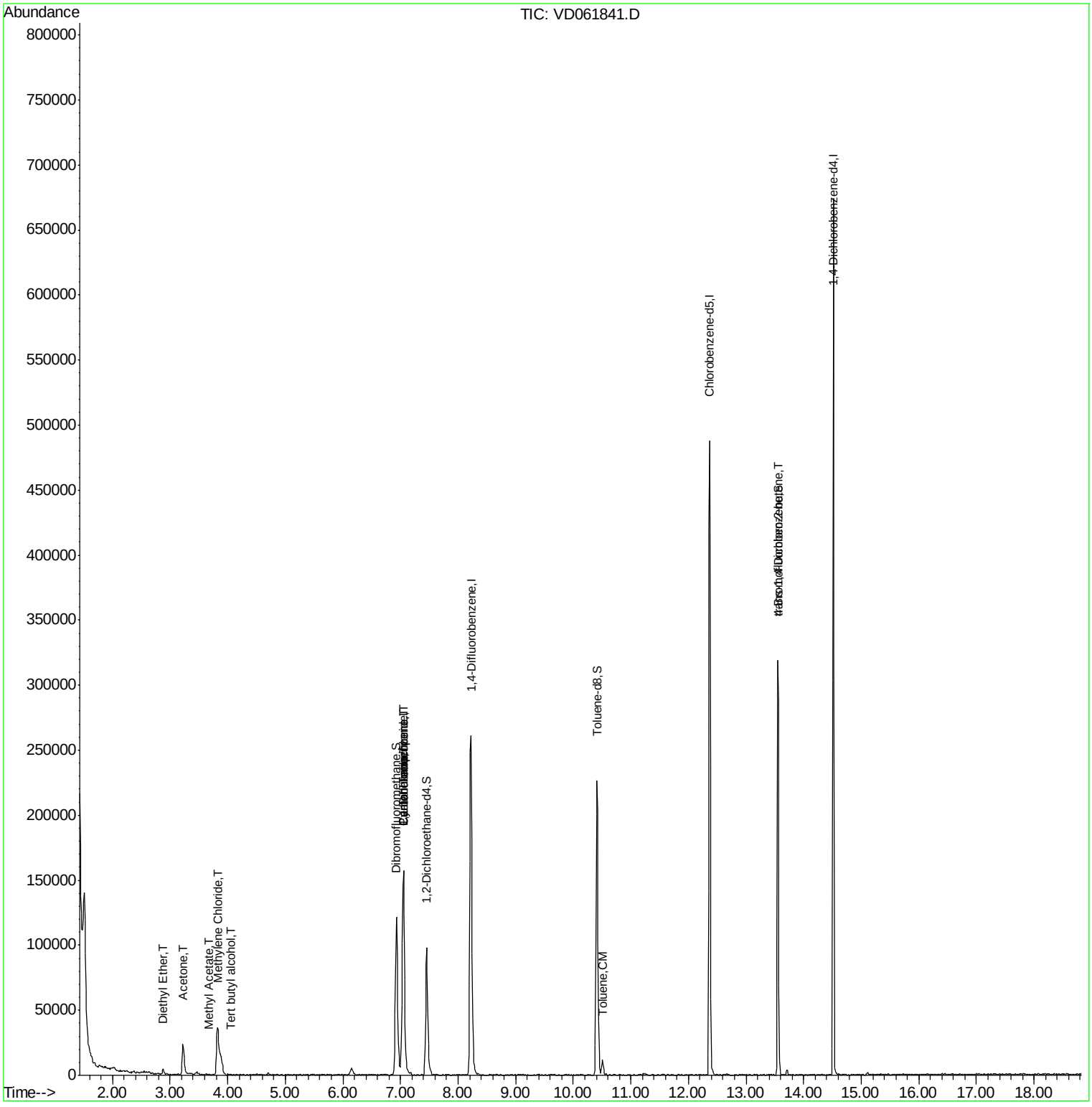
(#) = qualifier out of range (m) = manual integration (+) = signals summed

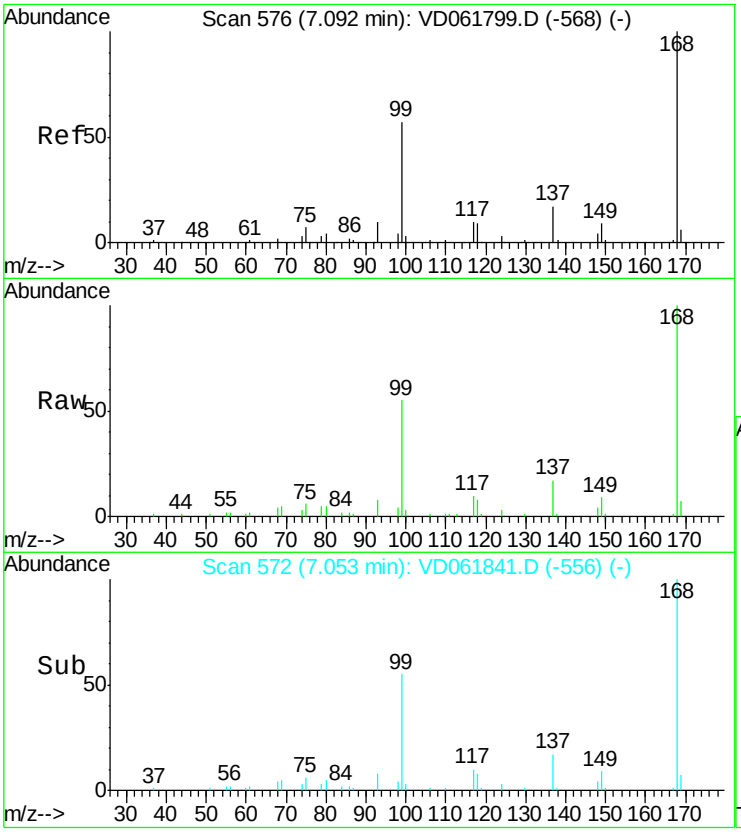
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041619\
Data File : VD061841.D
Acq On : 17 Apr 2019 7:54
Operator : VA/AP
Sample : K2423-13
Misc : 5.17g/5ml/MSVOA D/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Apr 17 08:39:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 16 08:53:01 2019
Response via : Initial Calibration



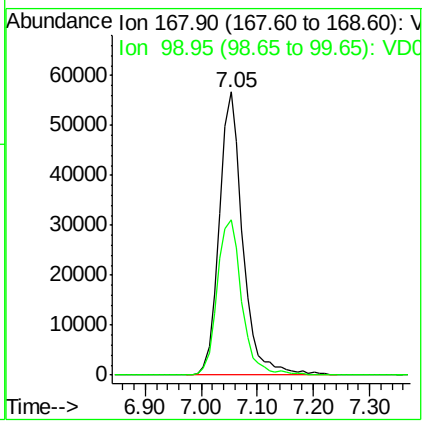


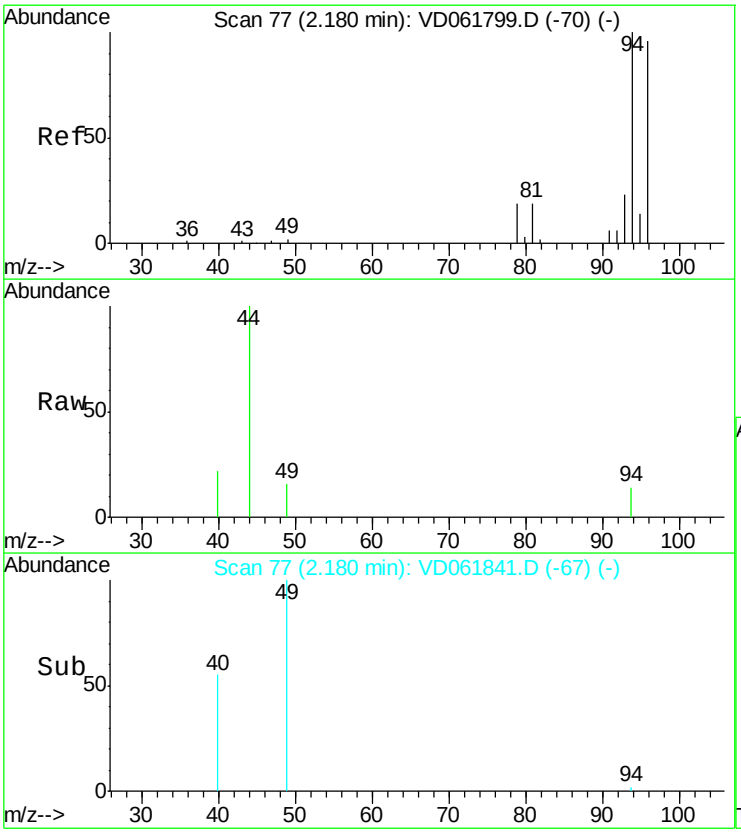
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.05 min Scan# 572
Delta R.T. -0.04 min
Lab File: VD061841.D
Acq: 17 Apr 2019 7:54

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 165741

Ion	Ratio	Lower	Upper
168	100		
99	54.9	46.5	69.7

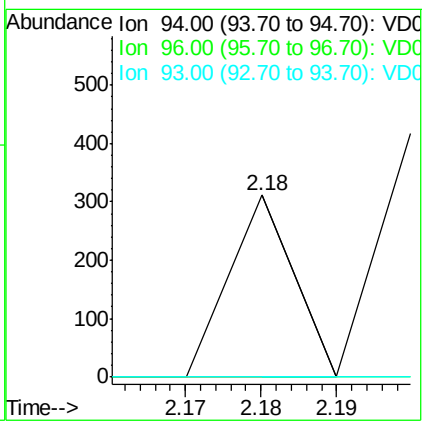


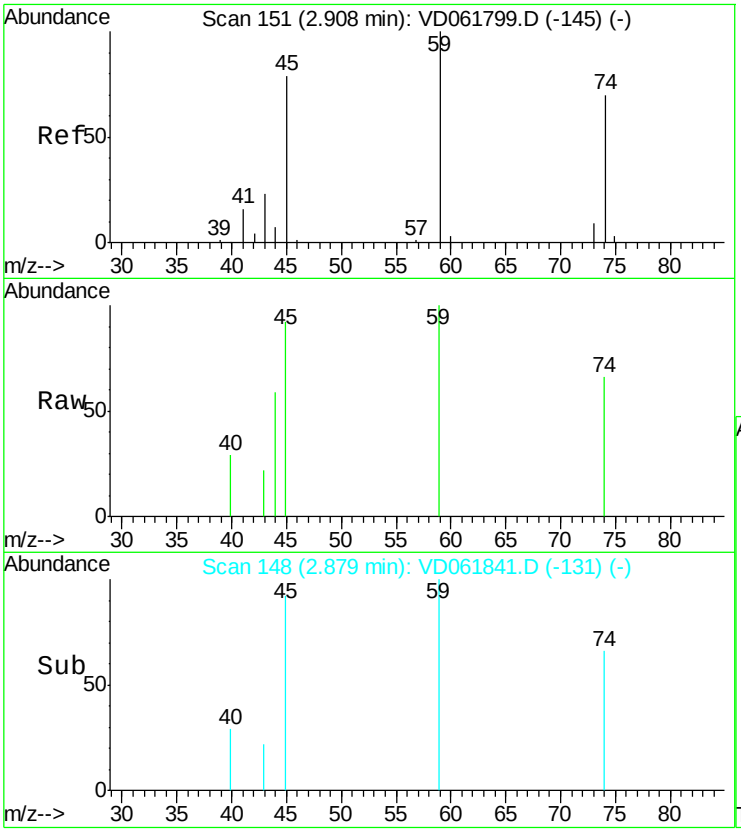


#5
Bromomethane
Concen: Below Cal
RT: 2.18 min Scan# 77
Delta R.T. 0.00 min
Lab File: VD061841.D
Acq: 17 Apr 2019 7:54

Tgt Ion: 94 Resp: 184

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



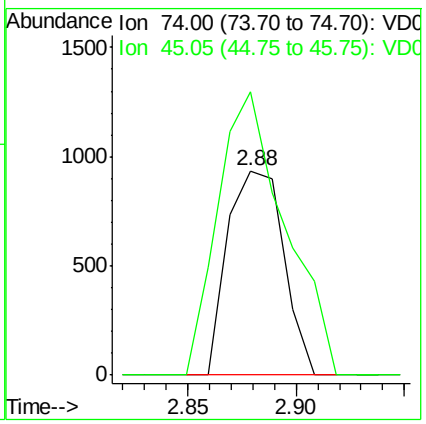


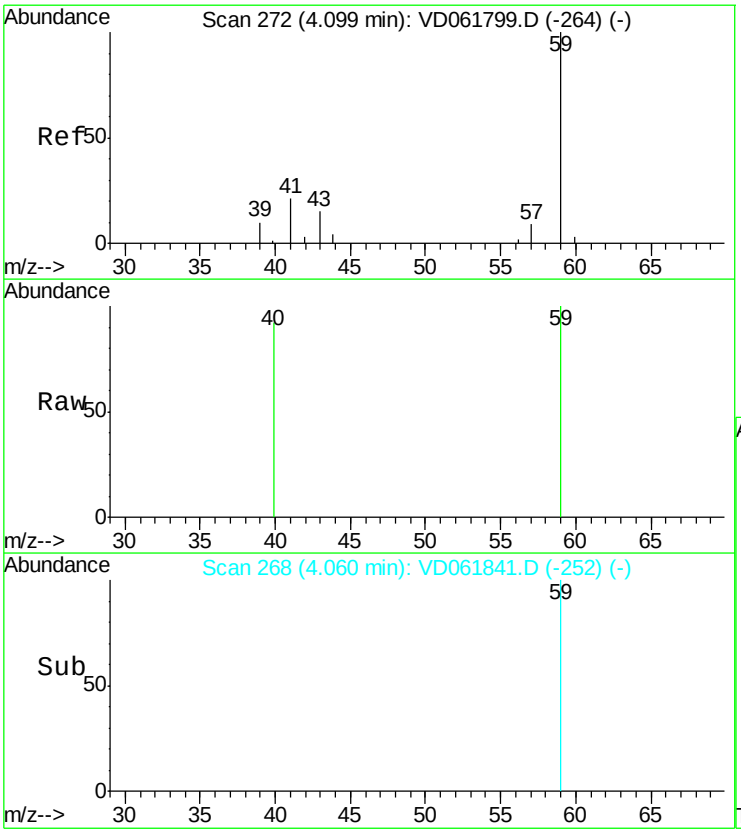
#8
Diethyl Ether
Concen: 3.119 ug/l
RT: 2.88 min Scan# 148
Delta R.T. -0.03 min
Lab File: VD061841.D
Acq: 17 Apr 2019 7:54

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 74 Resp: 1696

Ion	Ratio	Lower	Upper
74	100		
45	138.6	56.9	170.7

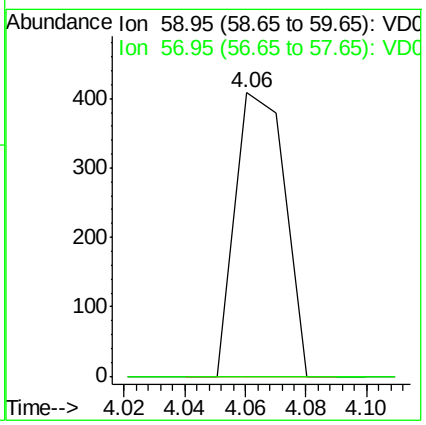


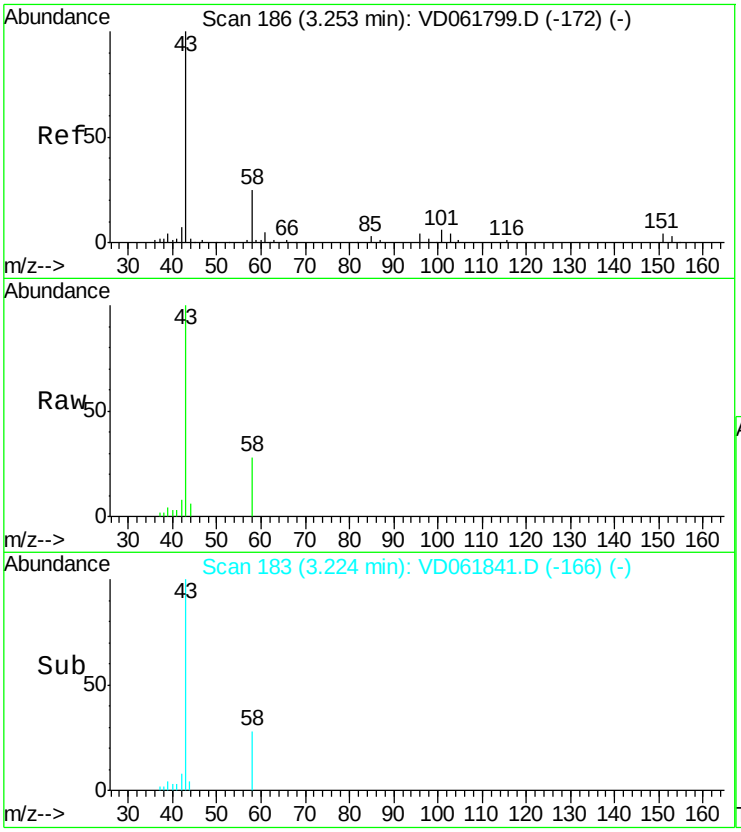


#11
Tert butyl alcohol
Concen: 5.677 ug/l
RT: 4.06 min Scan# 268
Delta R.T. -0.04 min
Lab File: VD061841.D
Acq: 17 Apr 2019 7:54

Tgt Ion: 59 Resp: 465

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.9	10.3#



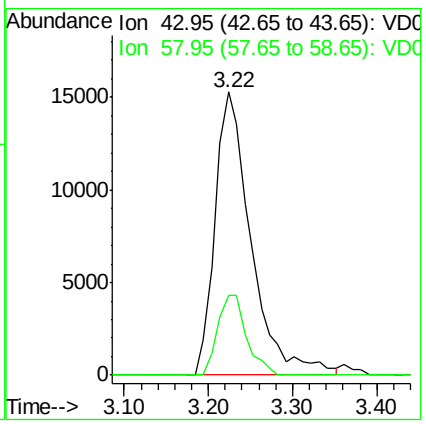


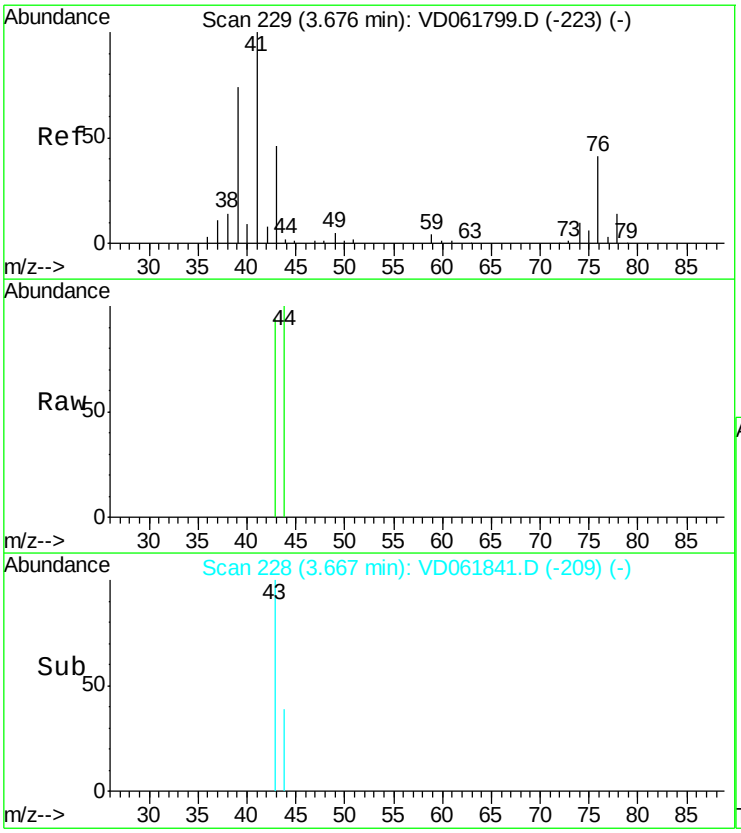
#16
Acetone
Concen: 132.472 ug/l
RT: 3.22 min Scan# 183
Delta R.T. -0.03 min
Lab File: VD061841.D
Acq: 17 Apr 2019 7:54

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 45352

Ion	Ratio	Lower	Upper
43	100		
58	28.1	19.9	29.9

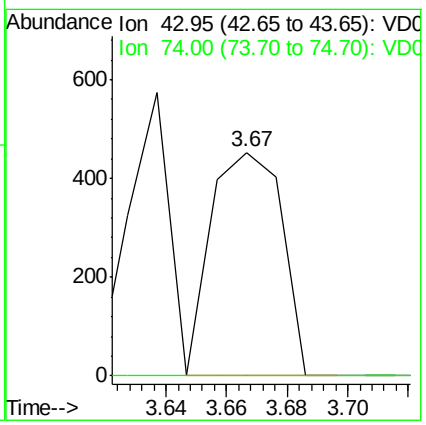


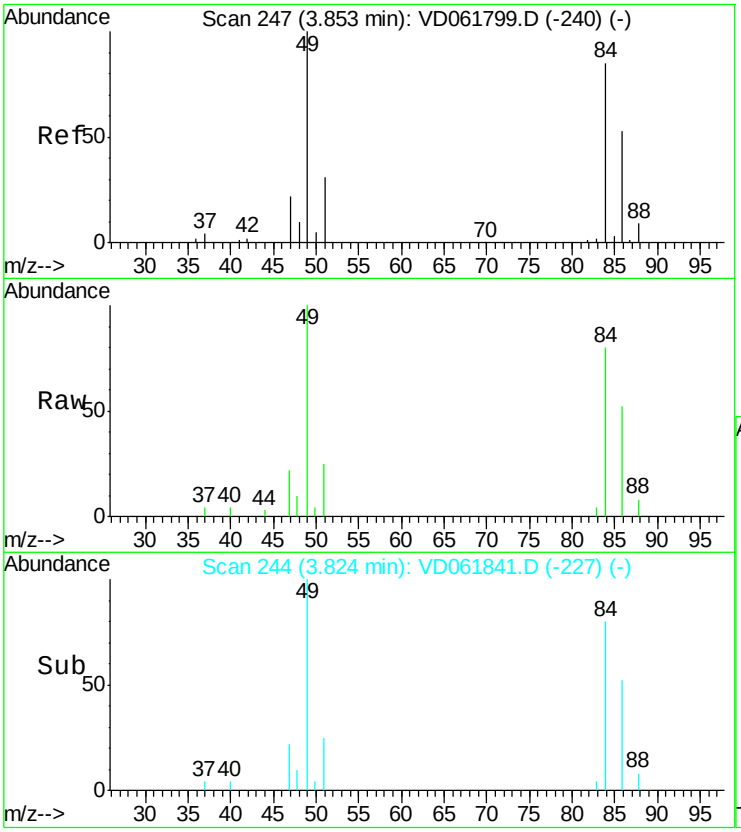


#18
Methyl Acetate
Concen: 1.080 ug/l
RT: 3.67 min Scan# 228
Delta R.T. -0.01 min
Lab File: VD061841.D
Acq: 17 Apr 2019 7:54

Tgt Ion: 43 Resp: 741

Ion	Ratio	Lower	Upper
43	100		
74	0.0	18.0	27.0#



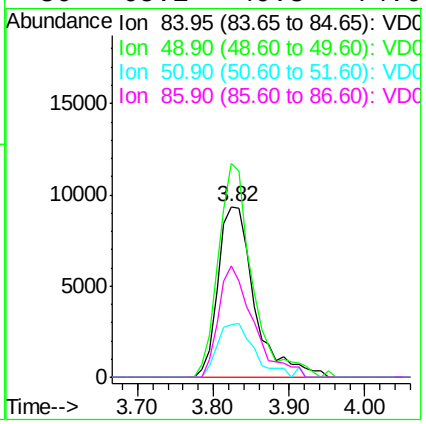


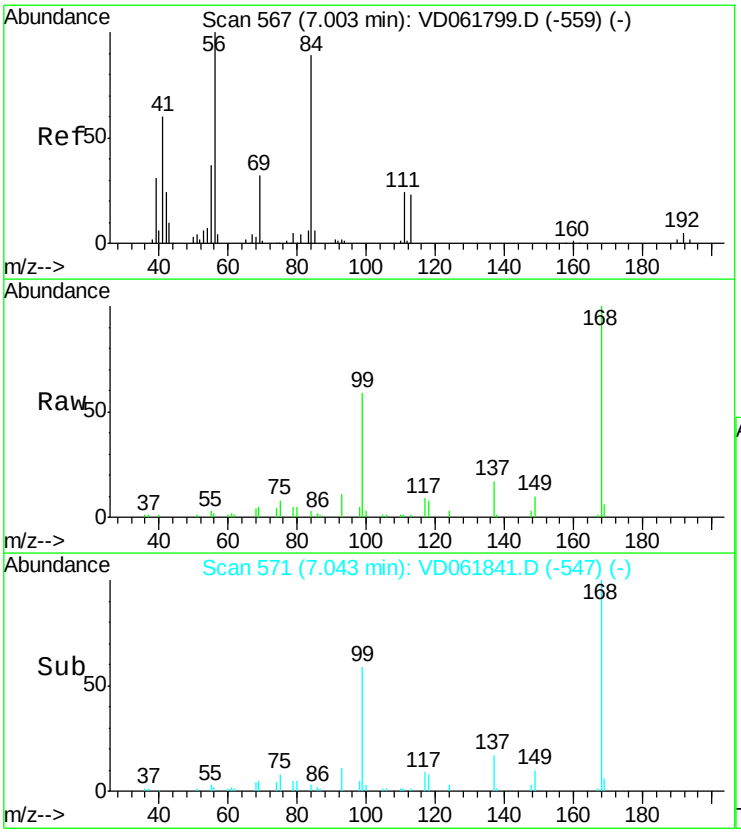
#20
Methylene Chloride
Concen: 15.278 ug/l
RT: 3.82 min Scan# 244
Delta R.T. -0.03 min
Lab File: VD061841.D
Acq: 17 Apr 2019 7:54

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 84 Resp: 31420

Ion	Ratio	Lower	Upper
84	100		
49	125.2	94.0	141.0
51	30.8	29.0	43.4
86	65.1	49.8	74.6

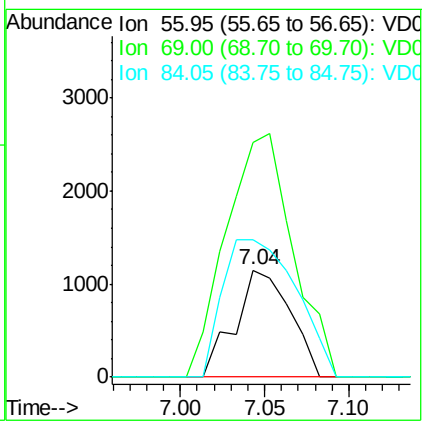


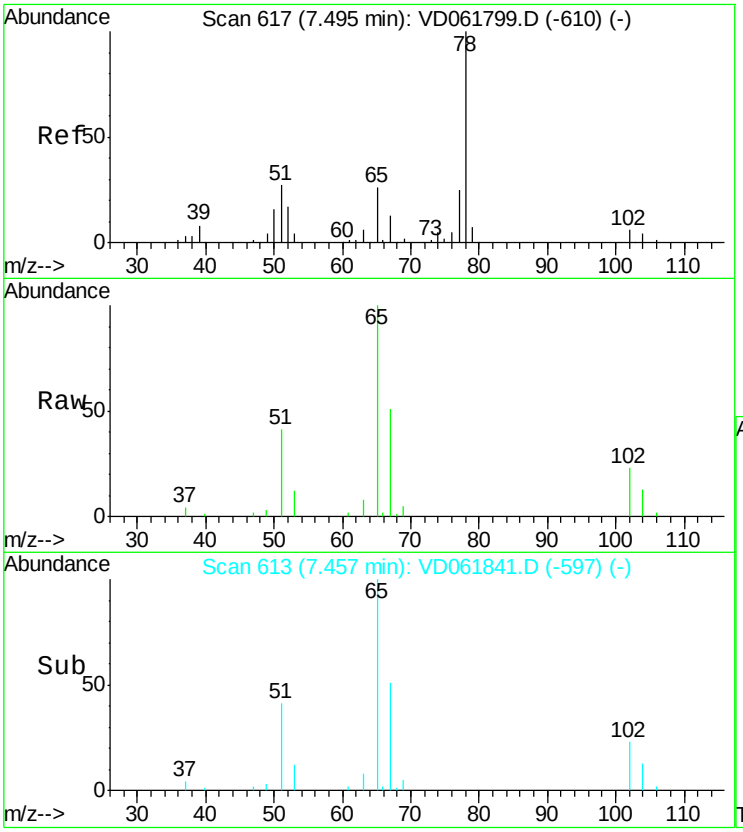


#31
Cyclohexane
Concen: 1.236 ug/l
RT: 7.04 min Scan# 571
Delta R.T. 0.04 min
Lab File: VD061841.D
Acq: 17 Apr 2019 7:54

Tgt Ion: 56 Resp: 2601

Ion	Ratio	Lower	Upper
56	100		
69	219.1	25.8	38.6#
84	129.0	72.2	108.4#



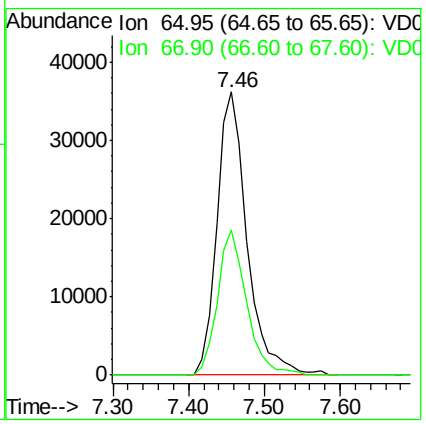


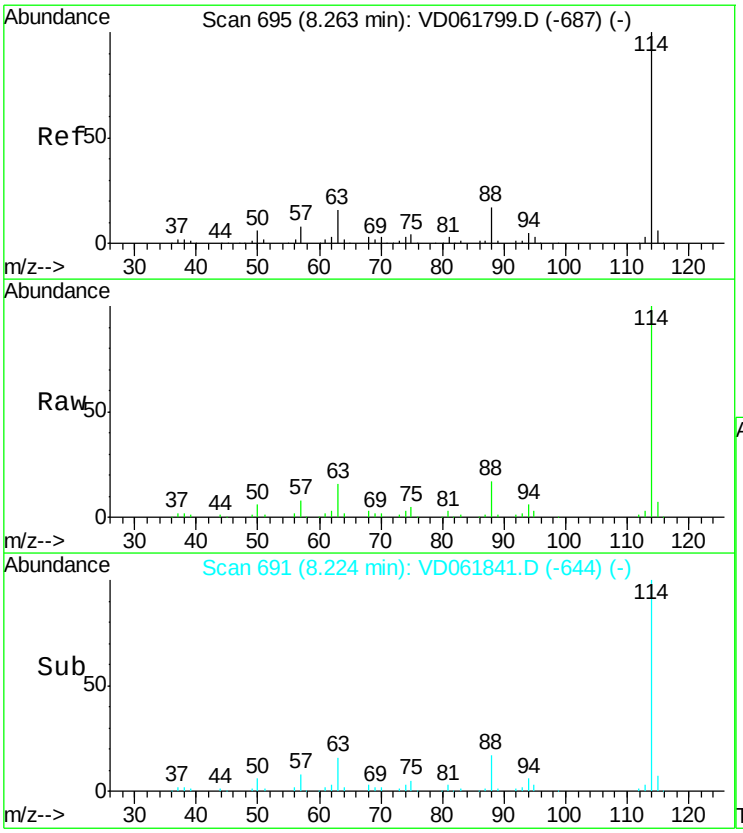
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.46 min Scan# 613
Delta R.T. -0.04 min
Lab File: VD061841.D
Acq: 17 Apr 2019 7:54

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 65 Resp: 99613

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	98.0

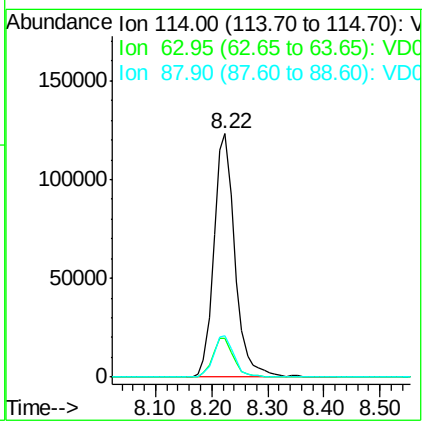


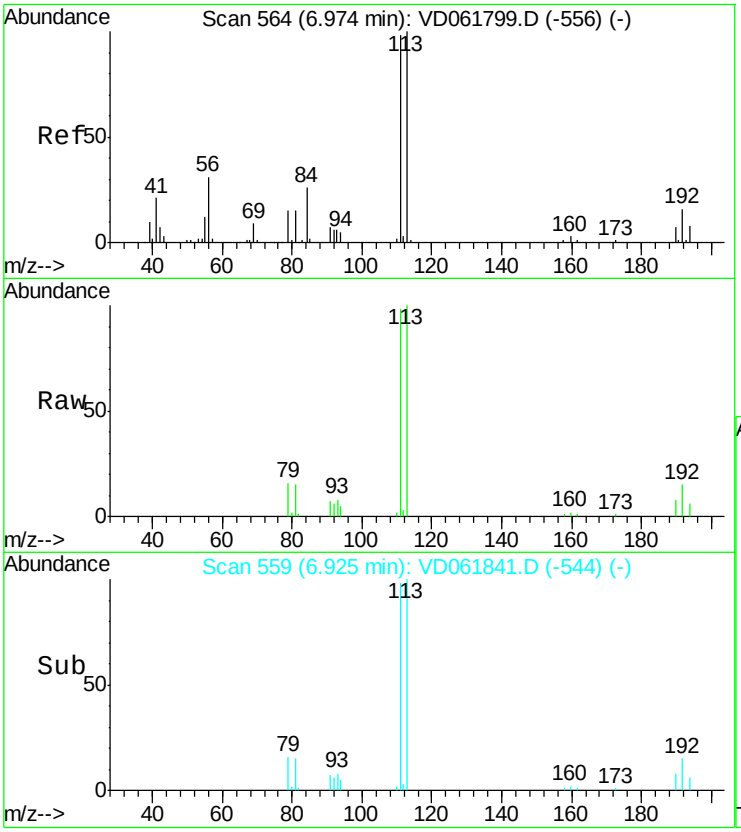


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.22 min Scan# 691
Delta R.T. -0.04 min
Lab File: VD061841.D
Acq: 17 Apr 2019 7:54

Tgt Ion:114 Resp: 323756

Ion	Ratio	Lower	Upper
114	100		
63	16.1	0.0	32.4
88	16.9	0.0	33.6



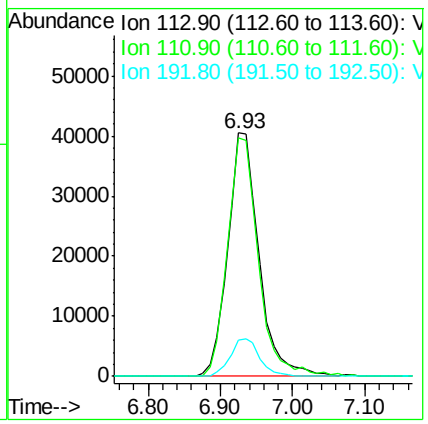


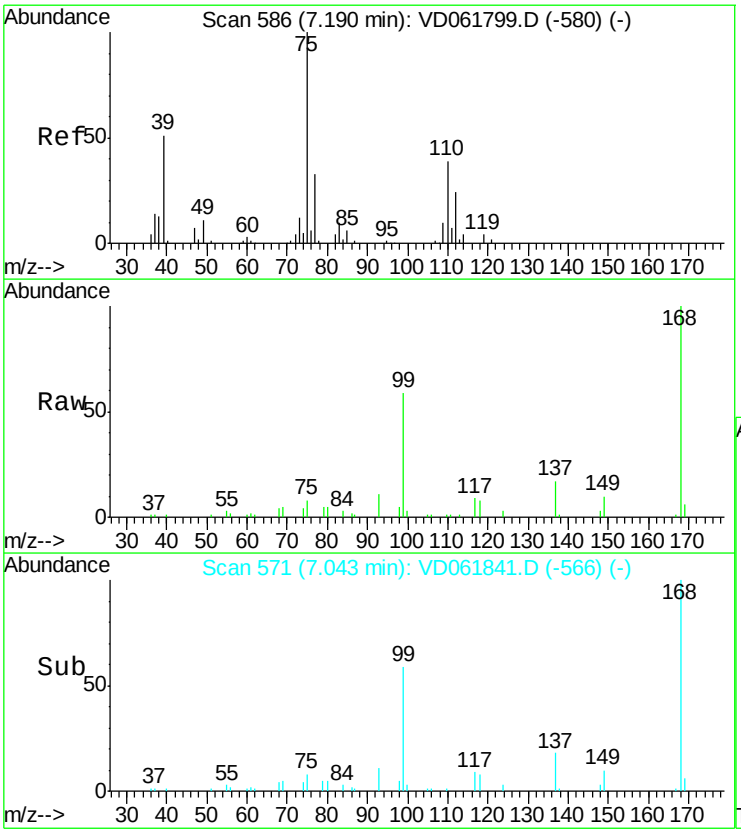
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.93 min Scan# 559
Delta R.T. -0.05 min
Lab File: VD061841.D
Acq: 17 Apr 2019 7:54

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:113 Resp: 121885

Ion	Ratio	Lower	Upper
113	100		
111	98.2	78.5	117.7
192	14.9	13.0	19.4

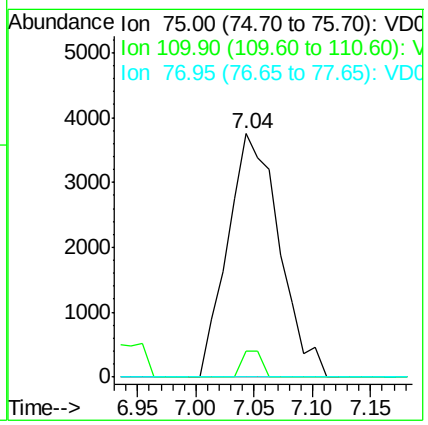


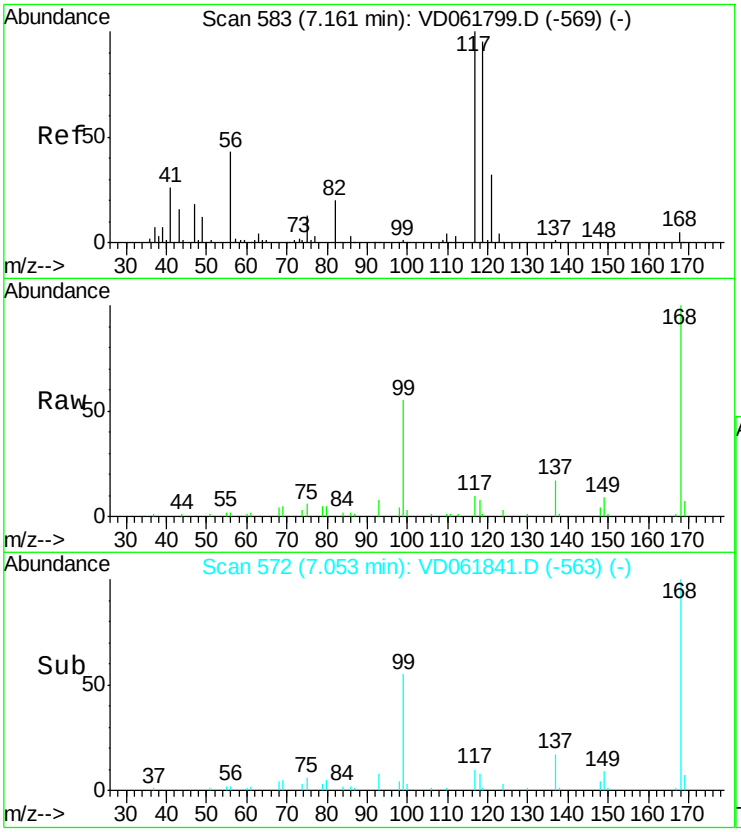


#36
1,1-Dichloropropene
Concen: 4.349 ug/l
RT: 7.04 min Scan# 571
Delta R.T. -0.15 min
Lab File: VD061841.D
Acq: 17 Apr 2019 7:54

Tgt Ion: 75 Resp: 11506

Ion	Ratio	Lower	Upper
75	100		
110	10.5	19.1	57.1#
77	0.0	25.6	38.4#



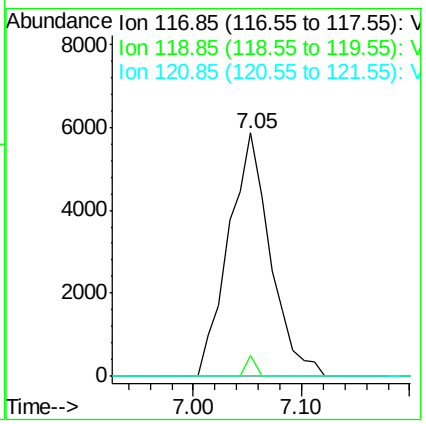


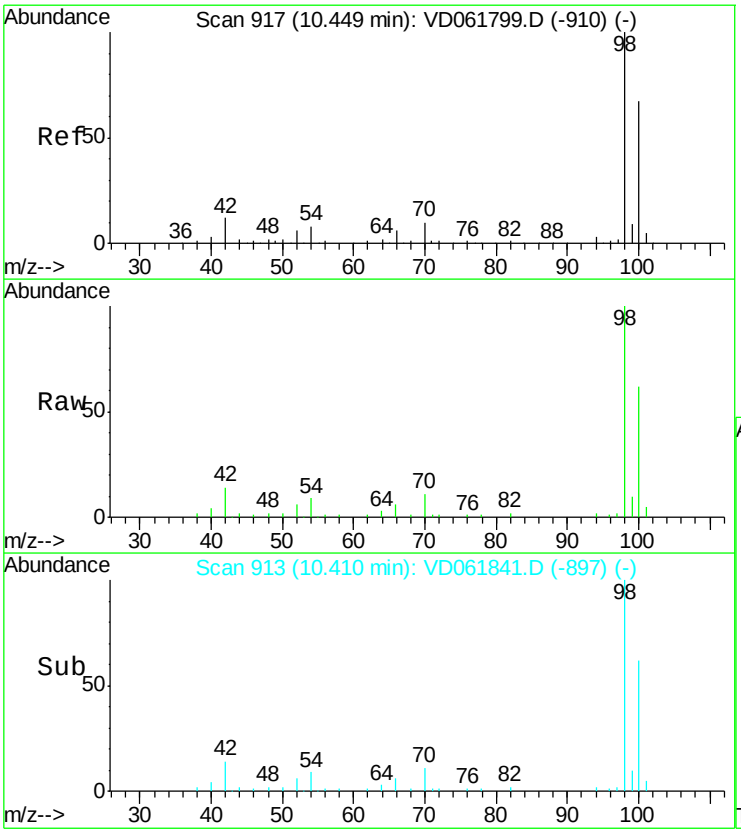
#38
Carbon Tetrachloride
Concen: 4.703 ug/l
RT: 7.05 min Scan# 572
Delta R.T. -0.11 min
Lab File: VD061841.D
Acq: 17 Apr 2019 7:54

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 15711

Ion	Ratio	Lower	Upper
117	100		
119	8.4	75.8	113.8#
121	0.0	25.9	38.9#

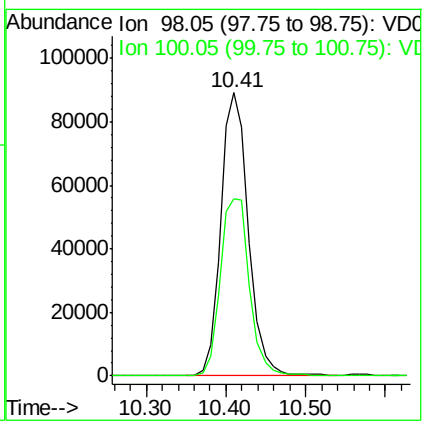


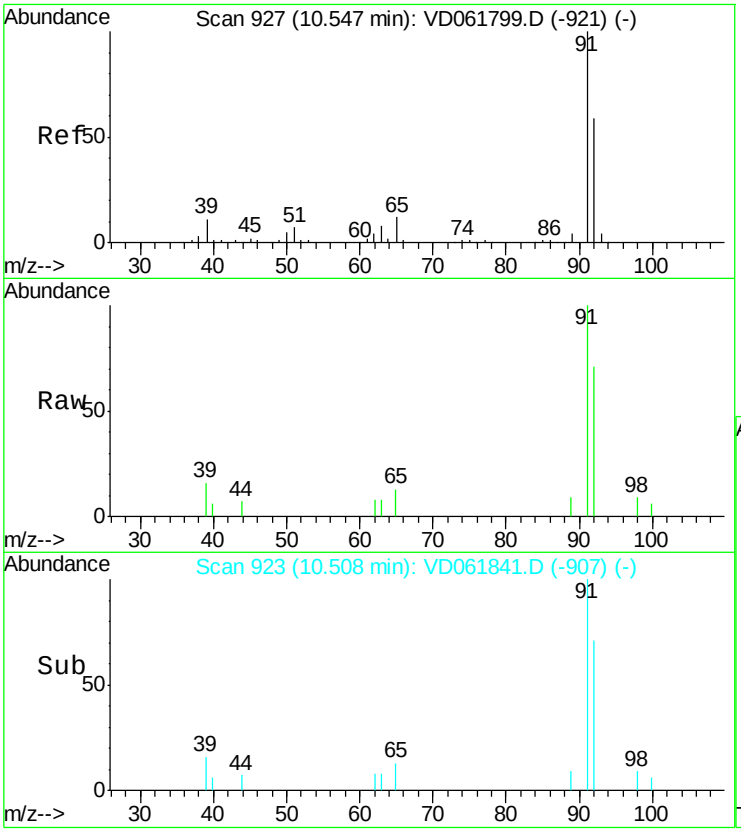


#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.04 min
Lab File: VD061841.D
Acq: 17 Apr 2019 7:54

Tgt Ion: 98 Resp: 216055

Ion	Ratio	Lower	Upper
98	100		
100	62.5	53.8	80.8



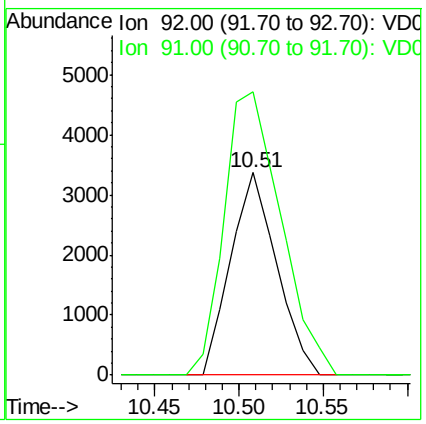


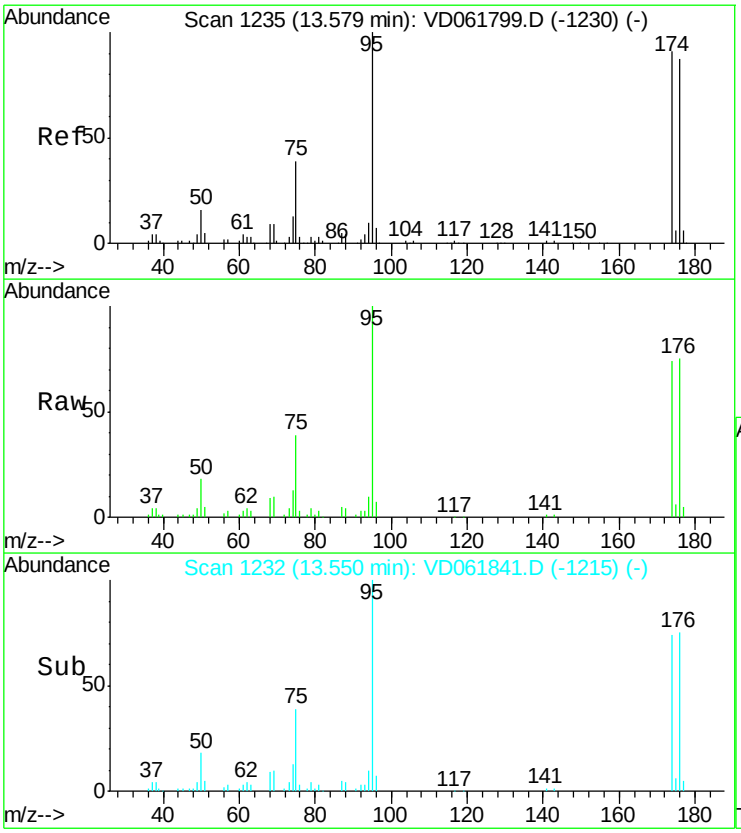
#52
Toluene
Concen: 1.567 ug/l
RT: 10.51 min Scan# 923
Delta R.T. -0.04 min
Lab File: VD061841.D
Acq: 17 Apr 2019 7:54

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 92 Resp: 6380

Ion	Ratio	Lower	Upper
92	100		
91	139.9	136.6	204.8

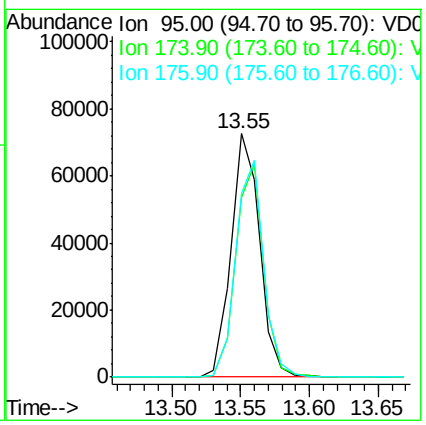


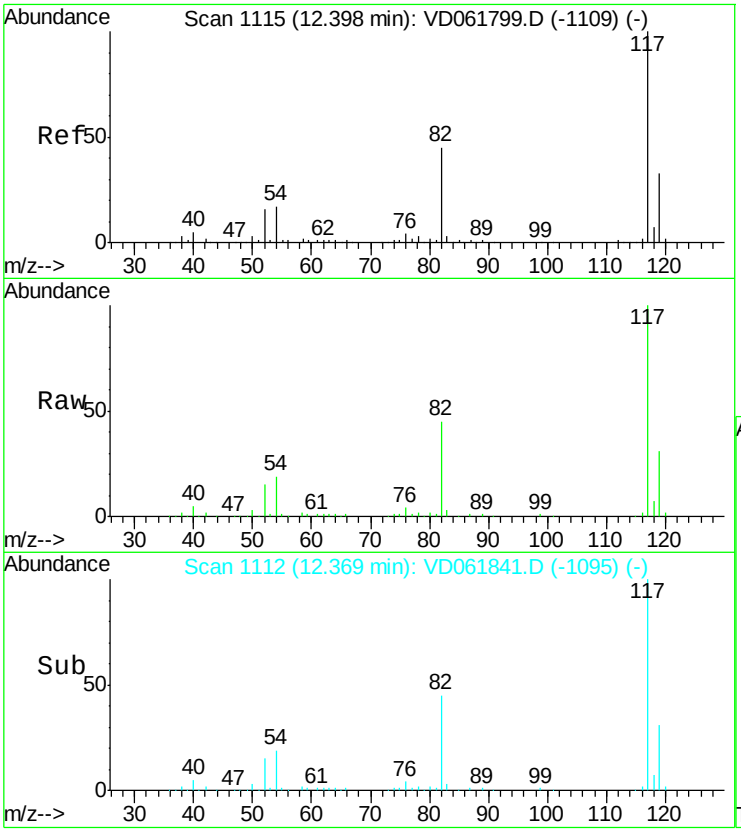


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.03 min
Lab File: VD061841.D
Acq: 17 Apr 2019 7:54

Tgt Ion: 95 Resp: 104740

Ion	Ratio	Lower	Upper
95	100		
174	73.9	0.0	181.8
176	75.3	0.0	174.4



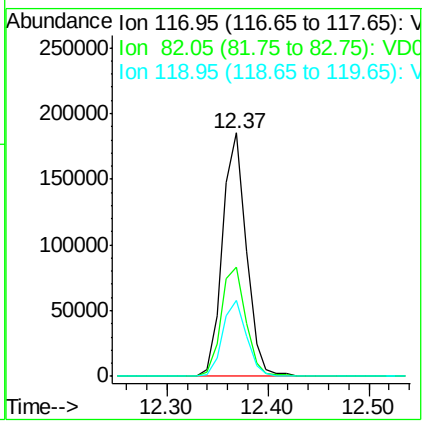


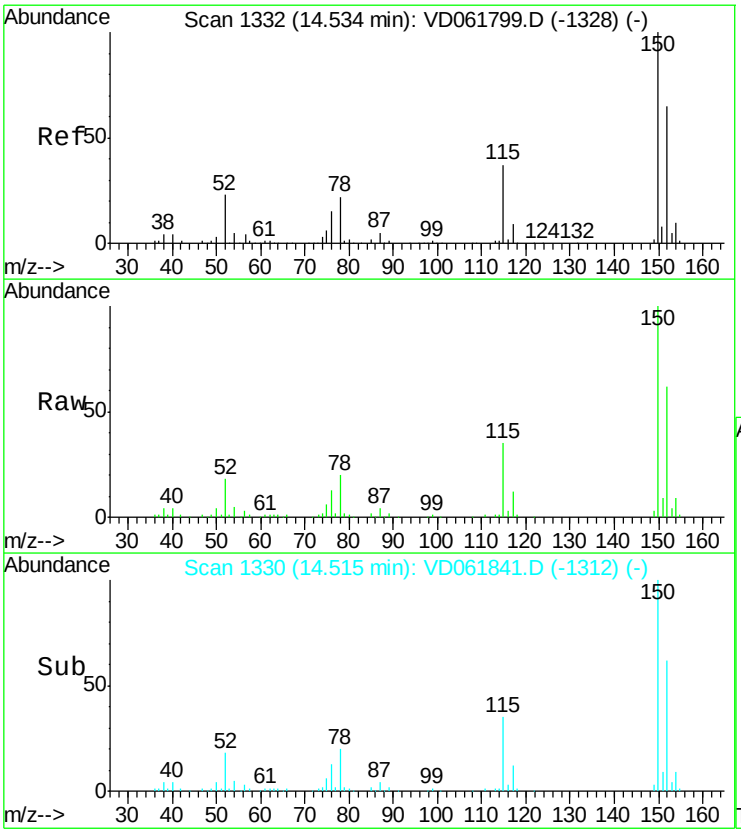
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.03 min
Lab File: VD061841.D
Acq: 17 Apr 2019 7:54

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 304451

Ion	Ratio	Lower	Upper
117	100		
82	44.8	36.2	54.2
119	31.4	26.2	39.4

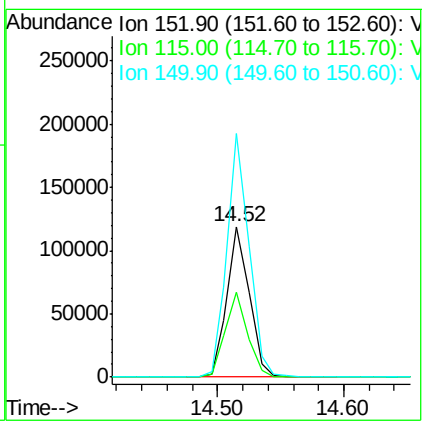


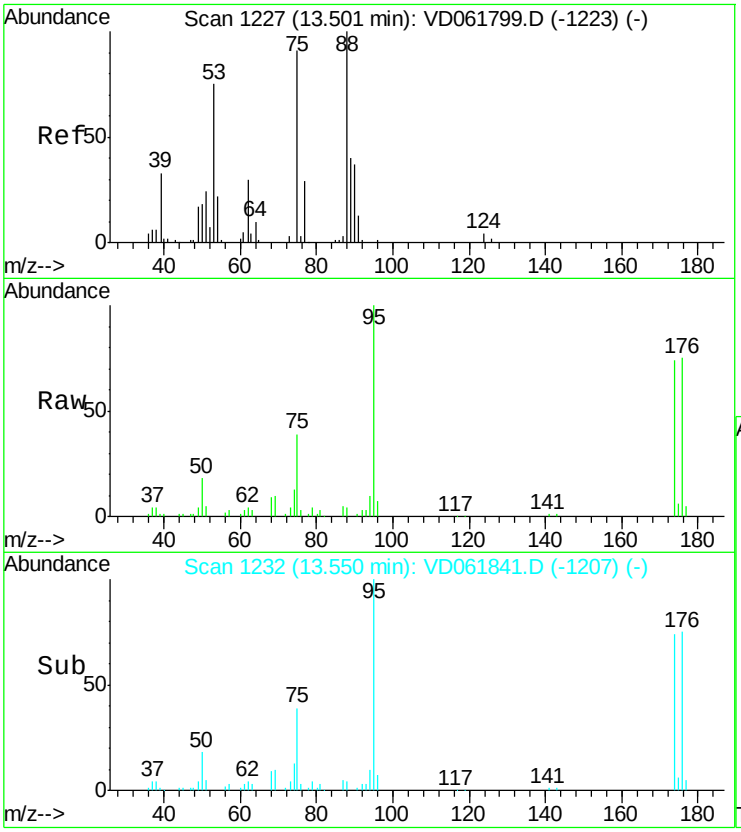


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.02 min
Lab File: VD061841.D
Acq: 17 Apr 2019 7:54

Tgt Ion:152 Resp: 146074

Ion	Ratio	Lower	Upper
152	100		
115	56.4	30.9	92.7
150	161.6	0.0	314.8





#81
trans-1,4-Dichloro-2-butene
Concen: 61.696 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.05 min
Lab File: VD061841.D
Acq: 17 Apr 2019 7:54

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 38879

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