Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD041619\
Data File : VD061828.D
Acq On : 17 Apr 2019 1:52
Operator : VA/AP
Sample : K2390-01
Misc : 6.26g/5ml/MSVOA_D/SOIL
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: Apr 17 03:46:23 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	7.06	168	315525	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	8.22	114	577616	50.00	ug/l	-0.05
63) Chlorobenzene-d5	12.37	117	484934	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	14.52	152	197814	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	154177	58.30	ug/l	-0.04
Spiked Amount 50.000			Recovery = 116.60%			
35) Dibromofluoromethane	6.93	113	221026	50.65	ug/l	-0.05
Spiked Amount 50.000			Recovery = 101.30%			
50) Toluene-d8	10.41	98	415161	40.15	ug/l	-0.04
Spiked Amount 50.000			Recovery = 80.30%			
62) 4-Bromofluorobenzene	13.55	95	162669	38.81	ug/l	-0.03
Spiked Amount 50.000			Recovery = 77.62%			
Target Compounds						Qvalue
5) Bromomethane	2.18	94	411	Below Cal	#	12
10) Methyl Iodide	3.32	142	2417	3.914	ug/l #	74
11) Tert butyl alcohol	4.00	59	1001	6.419	ug/l #	76
16) Acetone	3.23	43	24829	38.096	ug/l	97
18) Methyl Acetate	3.64	43	31281	23.946	ug/l #	90
20) Methylene Chloride	3.83	84	78650	21.680	ug/l	97
31) Cyclohexane	7.04	56	5708	1.425	ug/l #	1
36) 1,1-Dichloropropene	7.05	75	22684	4.806	ug/l #	46
38) Carbon Tetrachloride	7.06	117	31026	5.206	ug/l #	17
52) Toluene	10.51	92	24262	3.341	ug/l	85
58) 2-Chloroethyl Vinyl ether	9.86	63	3205	2.509	ug/l #	84
81) trans-1,4-Dichloro-2-buten	13.55	75	63104	73.287	ug/l #	16

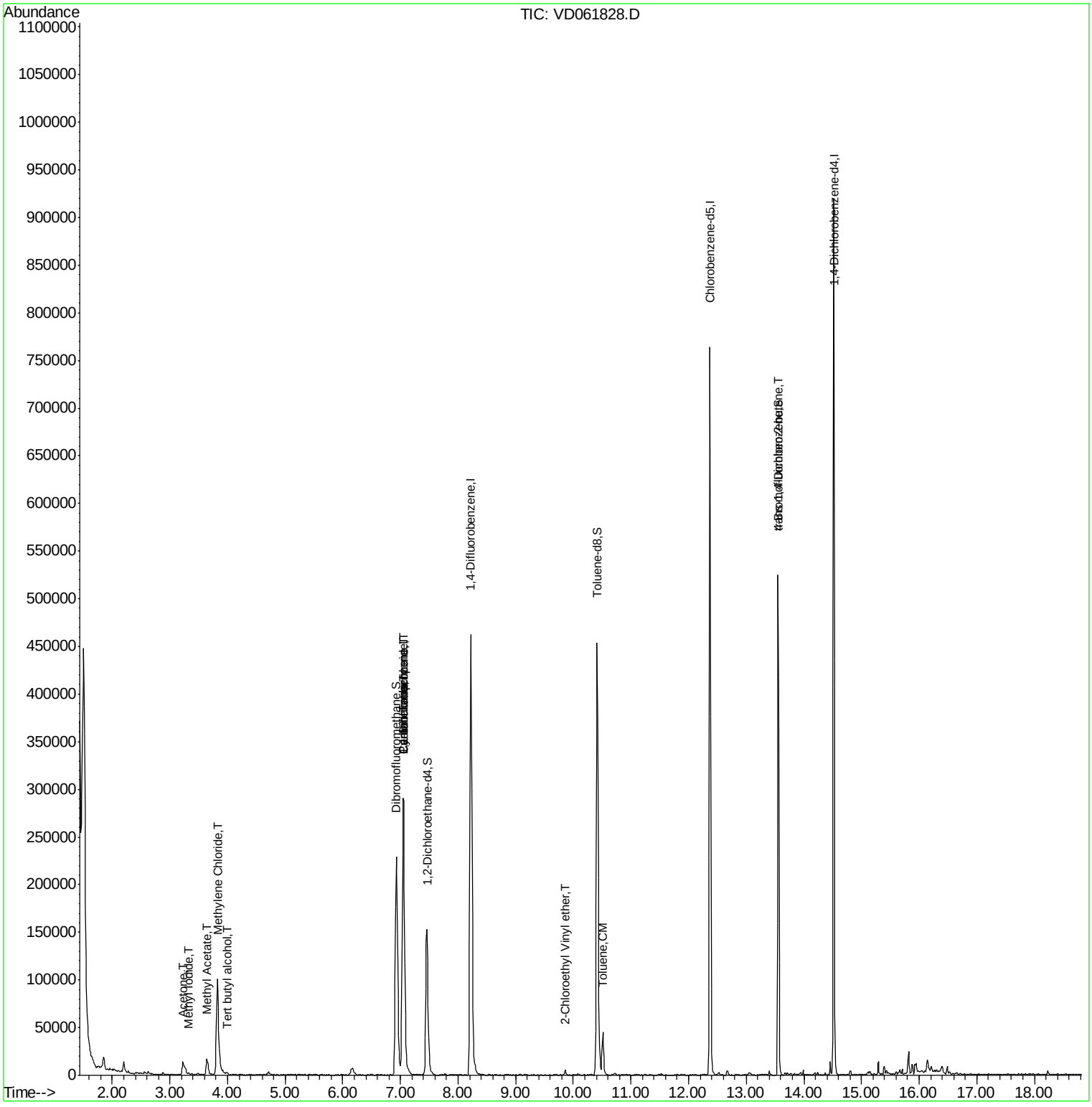
(#) = qualifier out of range (m) = manual integration (+) = signals summed

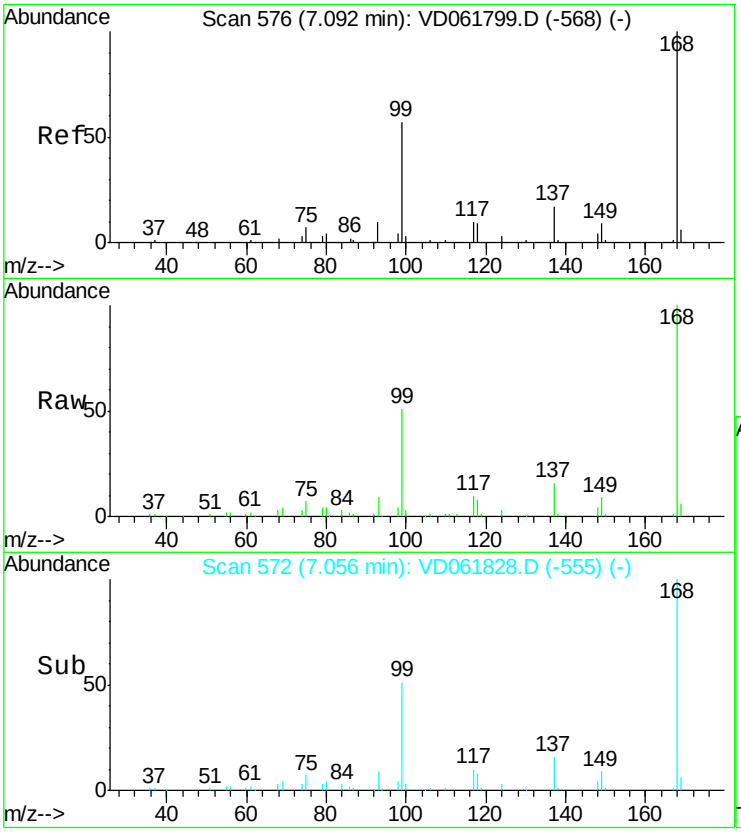
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041619\
Data File : VD061828.D
Acq On : 17 Apr 2019 1:52
Operator : VA/AP
Sample : K2390-01
Misc : 6.26g/5ml/MSVOA D/SOIL
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Apr 17 03:46:23 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



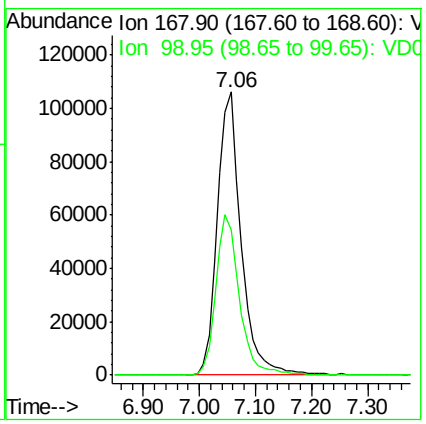


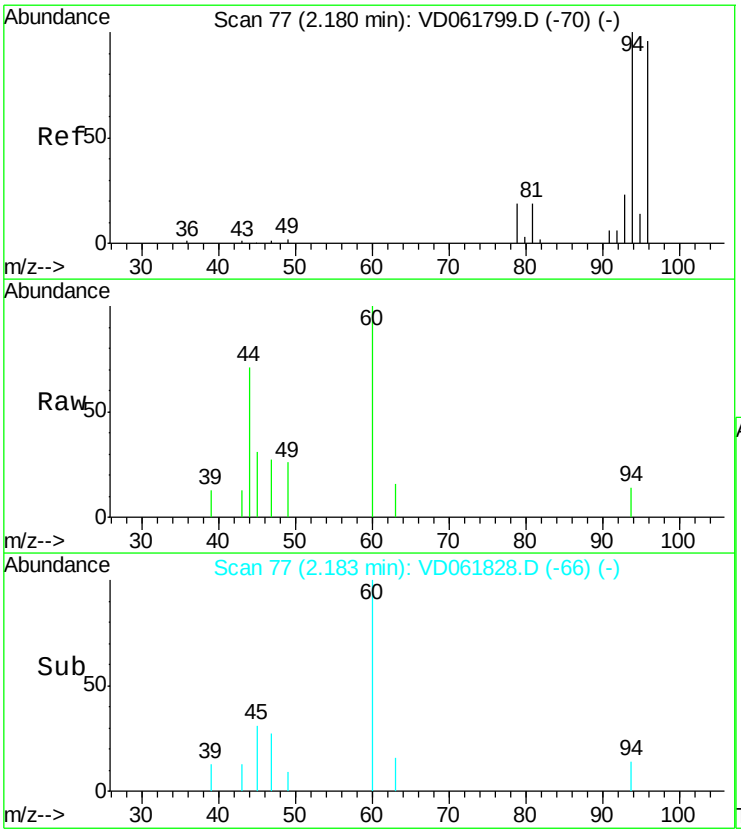
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.06 min Scan# 572
Delta R.T. -0.04 min
Lab File: VD061828.D
Acq: 17 Apr 2019 1:52

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 315525

Ion	Ratio	Lower	Upper
168	100		
99	51.3	46.5	69.7

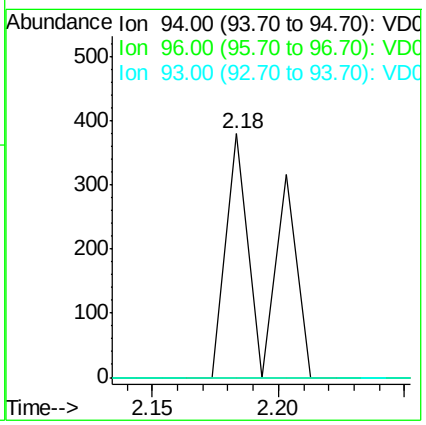


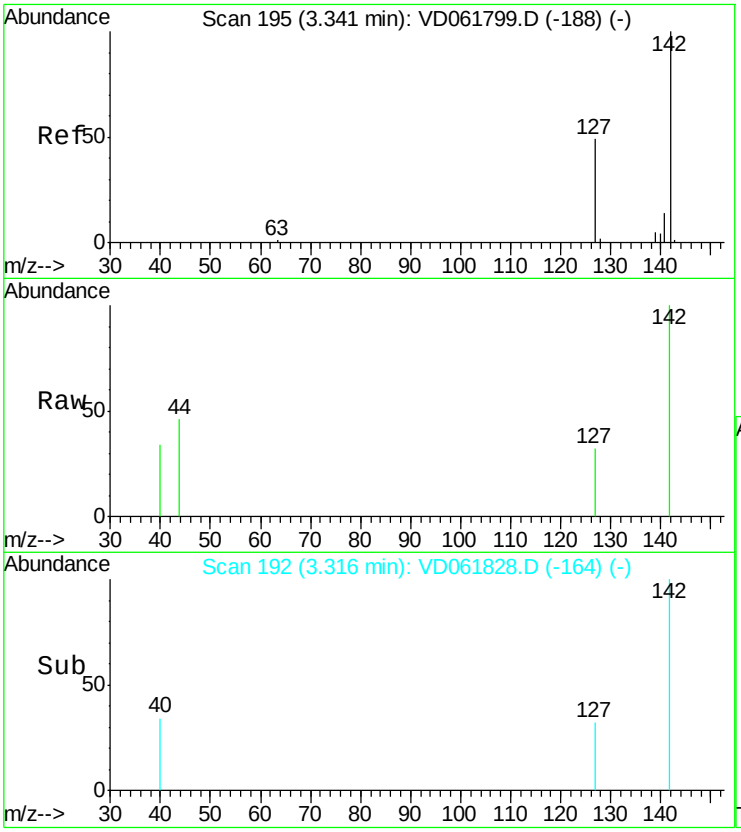


#5
Bromomethane
Concen: Below Cal
RT: 2.18 min Scan# 77
Delta R.T. 0.00 min
Lab File: VD061828.D
Acq: 17 Apr 2019 1:52

Tgt Ion: 94 Resp: 411

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



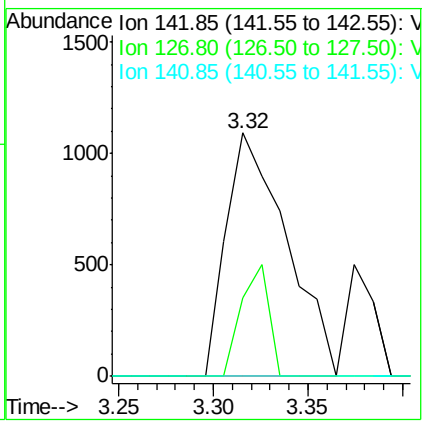


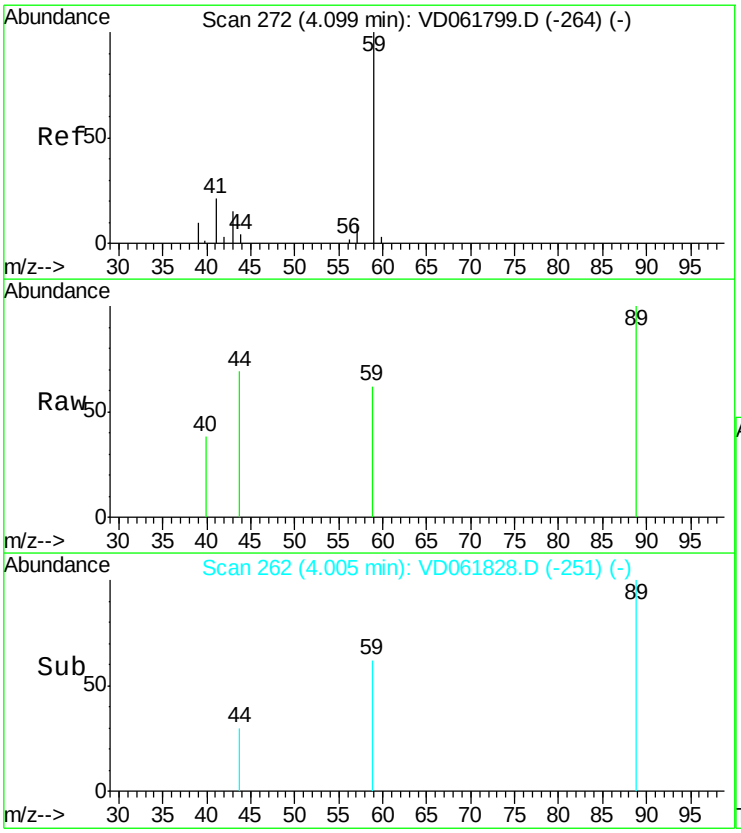
#10
Methyl Iodide
Concen: 3.914 ug/l
RT: 3.32 min Scan# 192
Delta R.T. -0.03 min
Lab File: VD061828.D
Acq: 17 Apr 2019 1:52

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:142 Resp: 2417

Ion	Ratio	Lower	Upper
142	100		
127	32.2	38.8	58.2#
141	0.0	11.4	17.0#

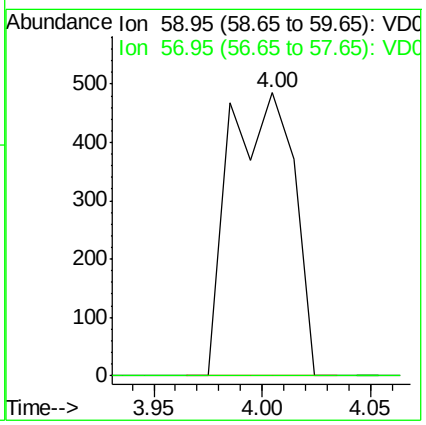


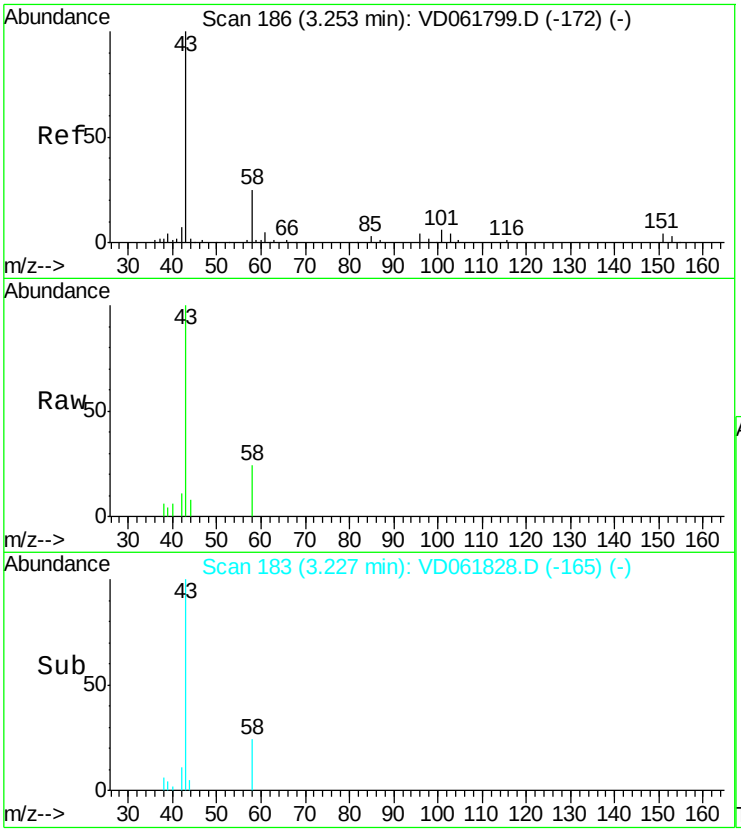


#11
Tert butyl alcohol
Concen: 6.419 ug/l
RT: 4.00 min Scan# 262
Delta R.T. -0.09 min
Lab File: VD061828.D
Acq: 17 Apr 2019 1:52

Tgt Ion: 59 Resp: 1001

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.9	10.3#



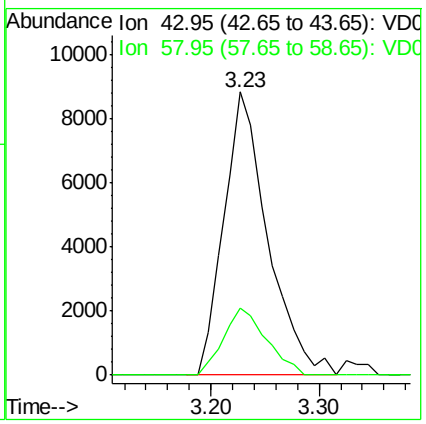


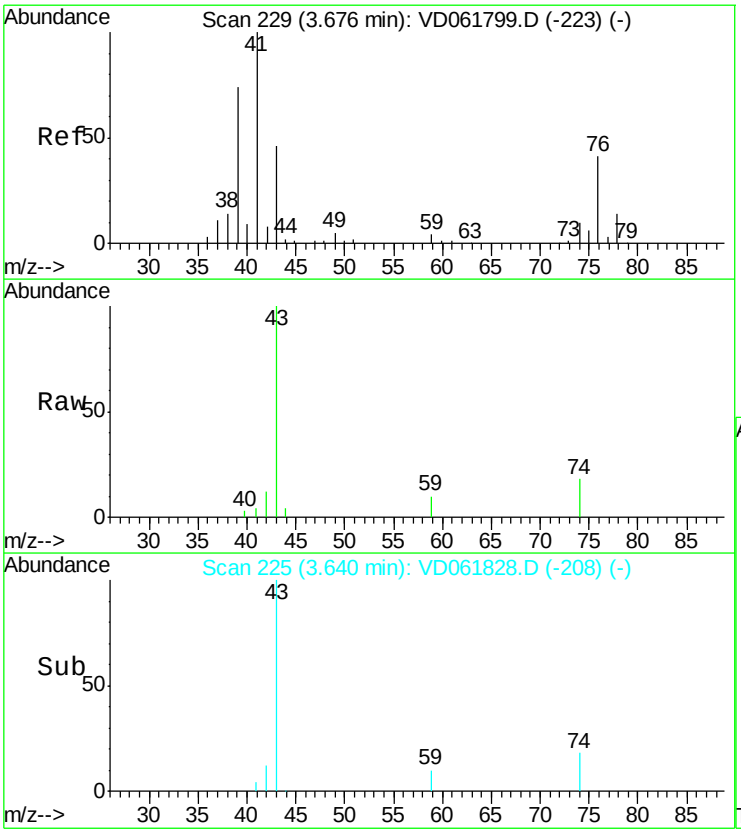
#16
Acetone
Concen: 38.096 ug/l
RT: 3.23 min Scan# 183
Delta R.T. -0.03 min
Lab File: VD061828.D
Acq: 17 Apr 2019 1:52

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 24829

Ion	Ratio	Lower	Upper
43	100		
58	23.5	19.9	29.9

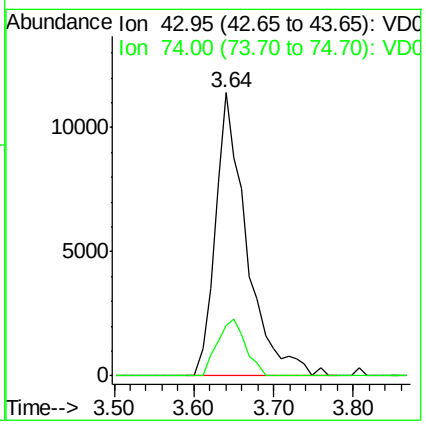


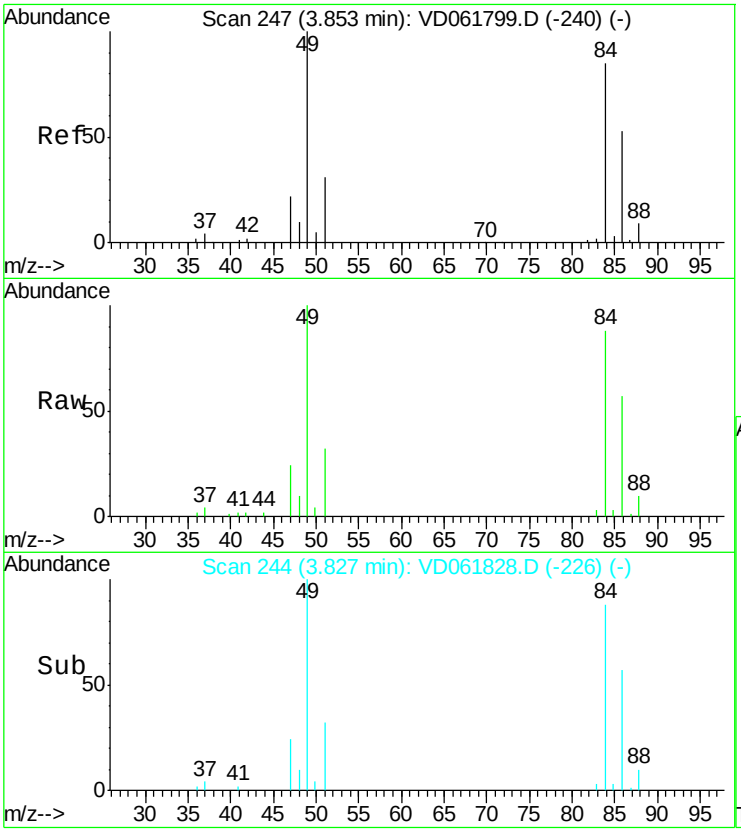


#18
Methyl Acetate
Concen: 23.946 ug/l
RT: 3.64 min Scan# 225
Delta R.T. -0.04 min
Lab File: VD061828.D
Acq: 17 Apr 2019 1:52

Tgt Ion: 43 Resp: 31281

Ion	Ratio	Lower	Upper
43	100		
74	17.7	18.0	27.0#



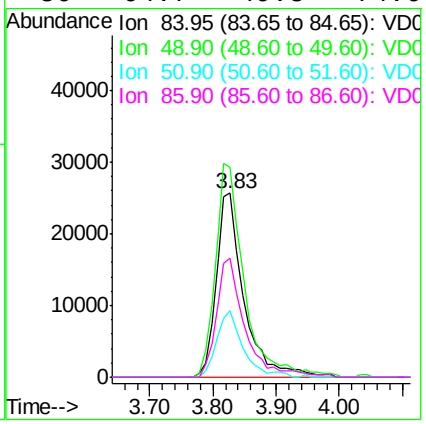


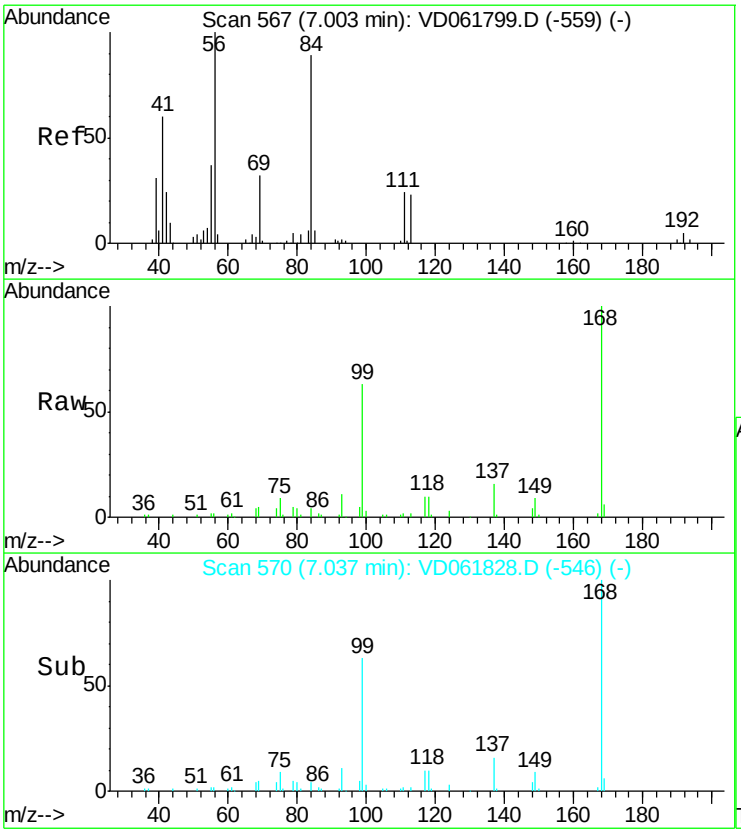
#20
Methylene Chloride
Concen: 21.680 ug/l
RT: 3.83 min Scan# 244
Delta R.T. -0.03 min
Lab File: VD061828.D
Acq: 17 Apr 2019 1:52

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 84 Resp: 78650

Ion	Ratio	Lower	Upper
84	100		
49	114.0	94.0	141.0
51	36.1	29.0	43.4
86	64.7	49.8	74.6

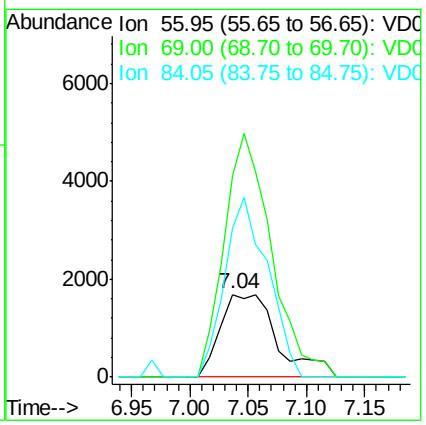


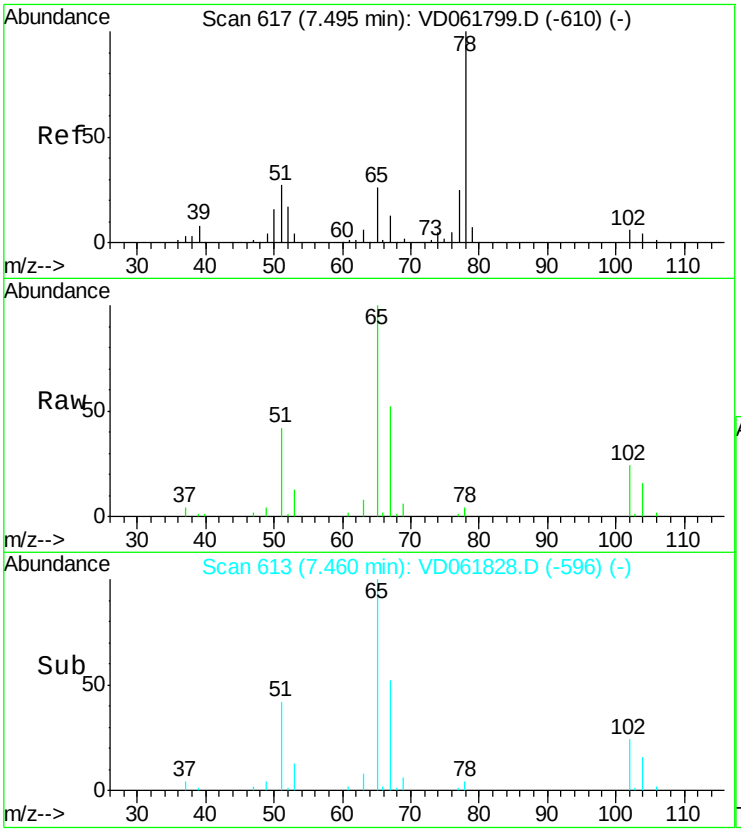


#31
Cyclohexane
Concen: 1.425 ug/l
RT: 7.04 min Scan# 570
Delta R.T. 0.03 min
Lab File: VD061828.D
Acq: 17 Apr 2019 1:52

Tgt Ion: 56 Resp: 5708

Ion	Ratio	Lower	Upper
56	100		
69	243.7	25.8	38.6#
84	180.4	72.2	108.4#



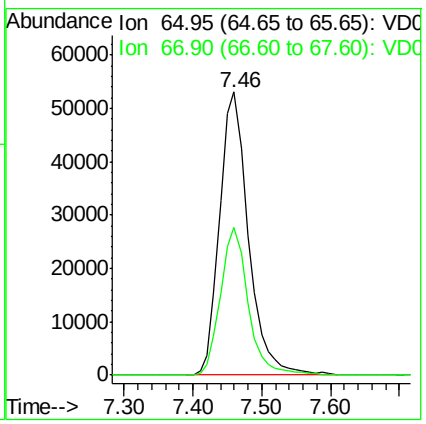


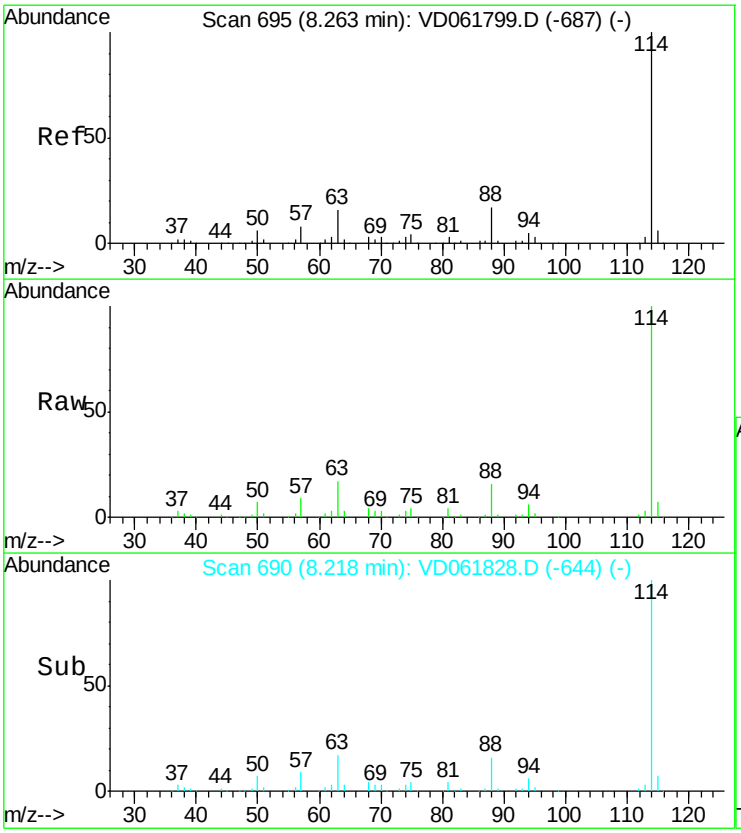
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.46 min Scan# 613
Delta R.T. -0.04 min
Lab File: VD061828.D
Acq: 17 Apr 2019 1:52

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 65 Resp: 154177

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	98.0

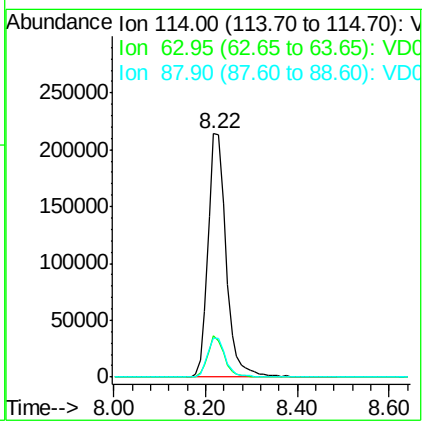


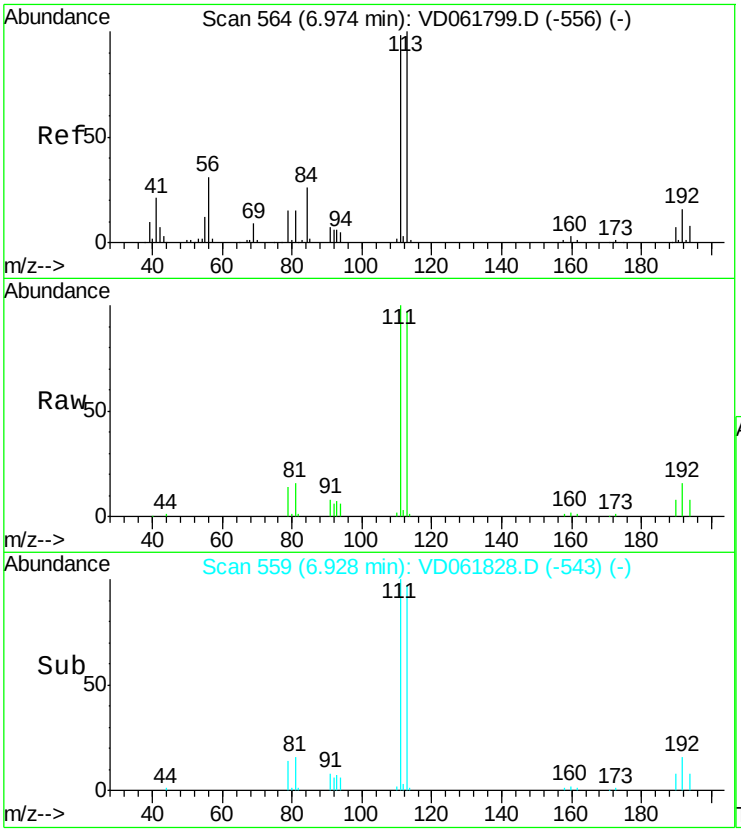


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.22 min Scan# 690
Delta R.T. -0.05 min
Lab File: VD061828.D
Acq: 17 Apr 2019 1:52

Tgt Ion:114 Resp: 577616

Ion	Ratio	Lower	Upper
114	100		
63	16.8	0.0	32.4
88	16.1	0.0	33.6



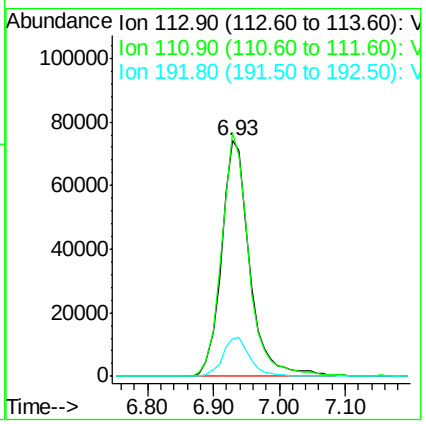


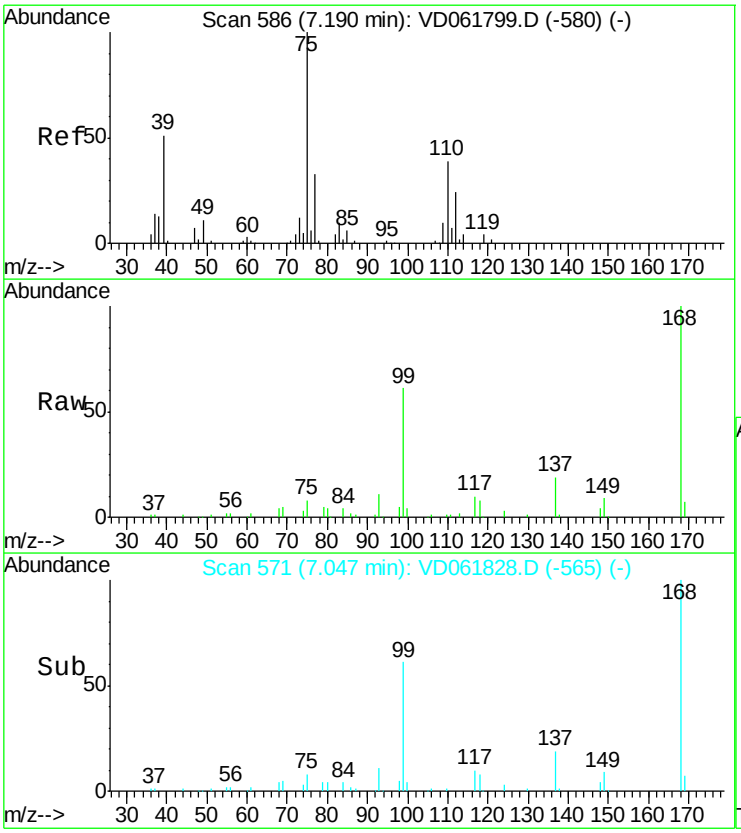
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.93 min Scan# 559
Delta R.T. -0.05 min
Lab File: VD061828.D
Acq: 17 Apr 2019 1:52

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:113 Resp: 221026

Ion	Ratio	Lower	Upper
113	100		
111	103.4	78.5	117.7
192	16.2	13.0	19.4

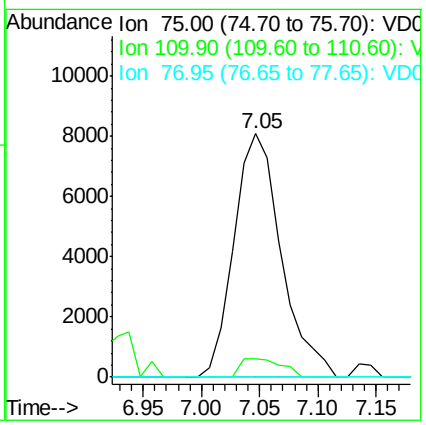


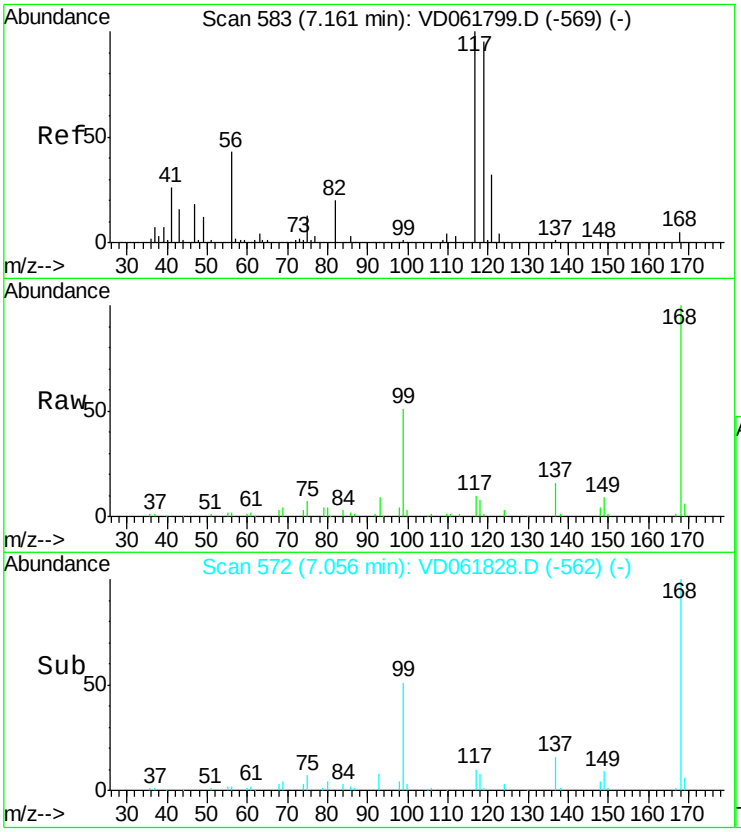


#36
1,1-Dichloropropene
Concen: 4.806 ug/l
RT: 7.05 min Scan# 571
Delta R.T. -0.14 min
Lab File: VD061828.D
Acq: 17 Apr 2019 1:52

Tgt Ion: 75 Resp: 22684

Ion	Ratio	Lower	Upper
75	100		
110	7.7	19.1	57.1#
77	0.0	25.6	38.4#



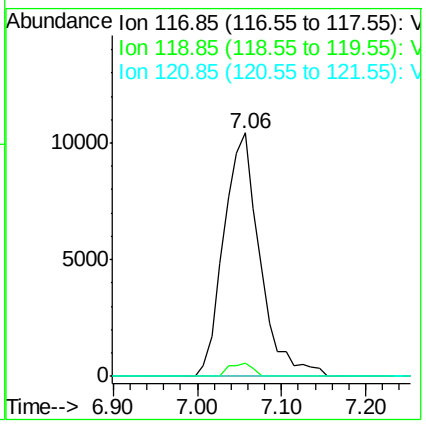


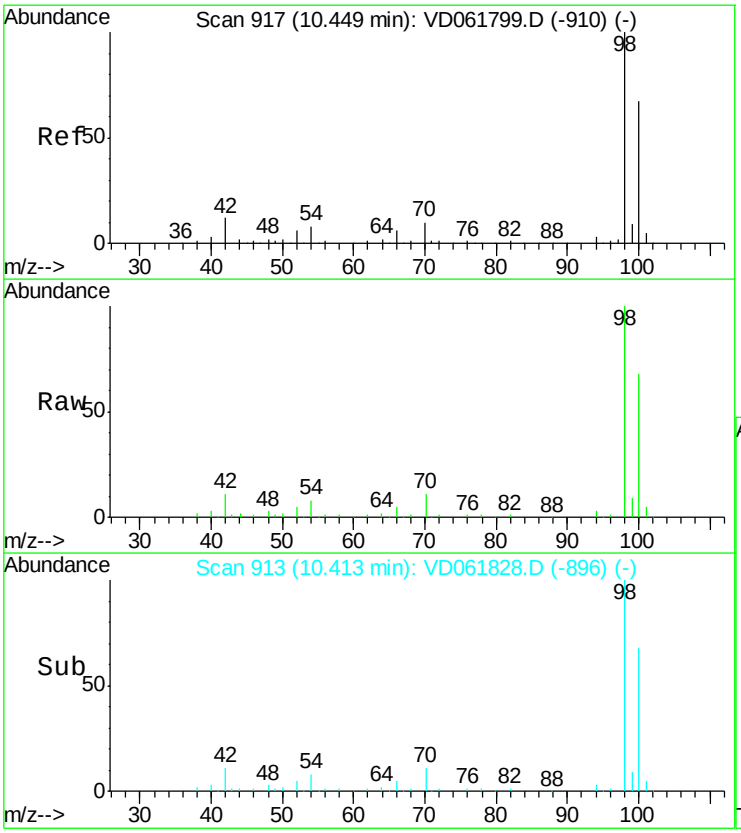
#38
Carbon Tetrachloride
Concen: 5.206 ug/l
RT: 7.06 min Scan# 572
Delta R.T. -0.10 min
Lab File: VD061828.D
Acq: 17 Apr 2019 1:52

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 31026

Ion	Ratio	Lower	Upper
117	100		
119	5.5	75.8	113.8#
121	0.0	25.9	38.9#

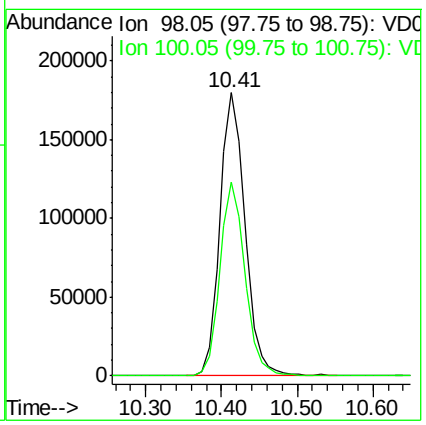


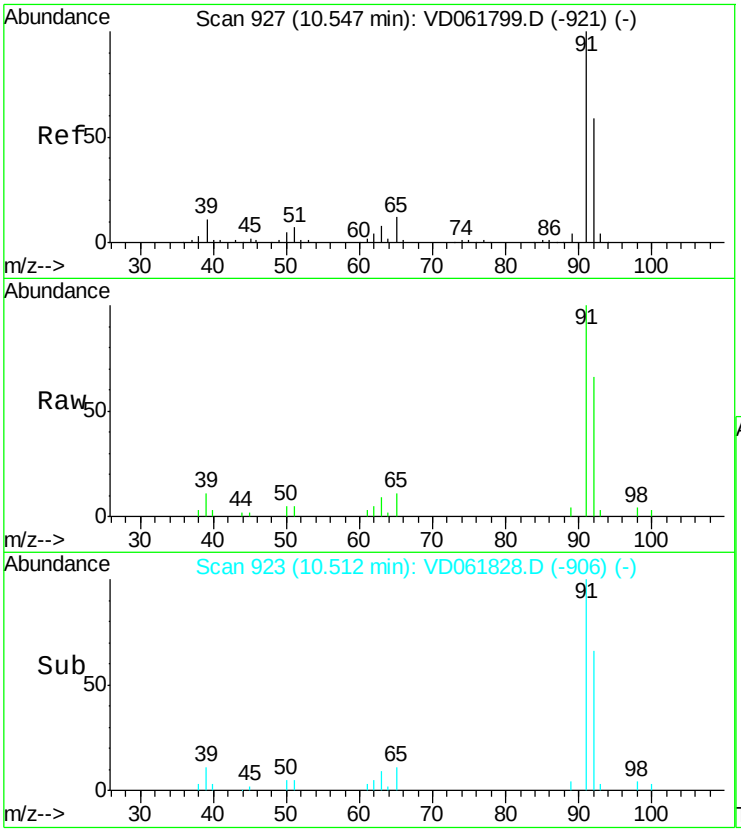


#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.04 min
Lab File: VD061828.D
Acq: 17 Apr 2019 1:52

Tgt Ion: 98 Resp: 415161

Ion	Ratio	Lower	Upper
98	100		
100	68.4	53.8	80.8



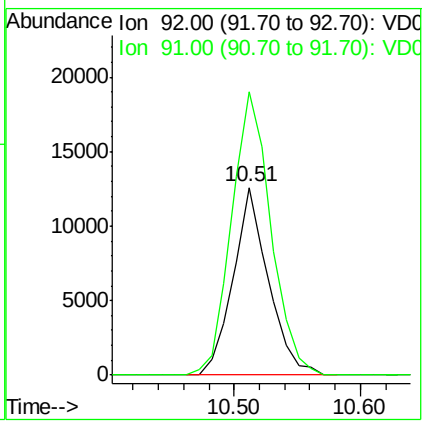


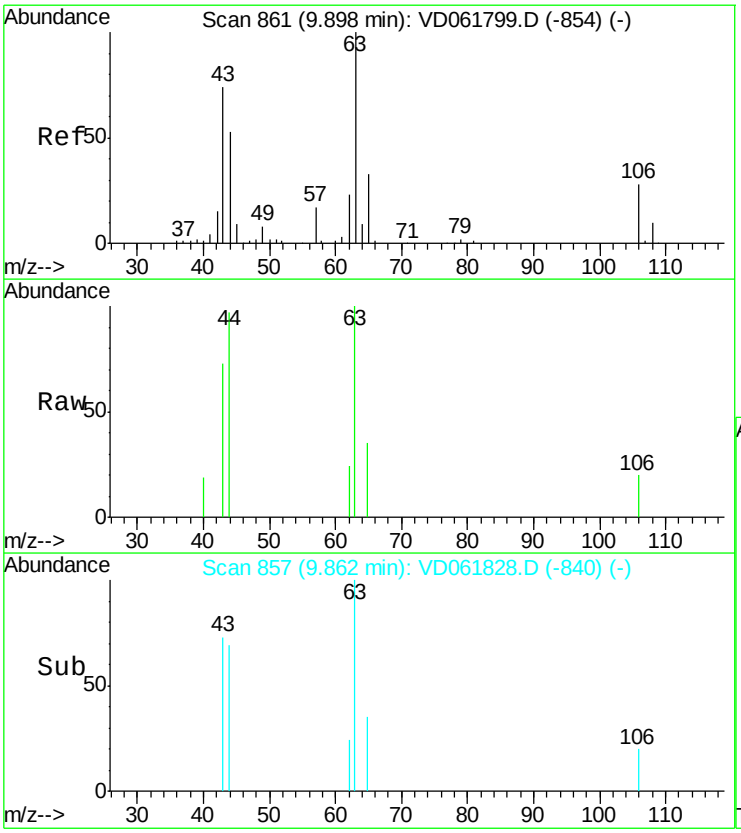
#52
Toluene
Concen: 3.341 ug/l
RT: 10.51 min Scan# 923
Delta R.T. -0.04 min
Lab File: VD061828.D
Acq: 17 Apr 2019 1:52

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 92 Resp: 24262

Ion	Ratio	Lower	Upper
92	100		
91	150.6	136.6	204.8

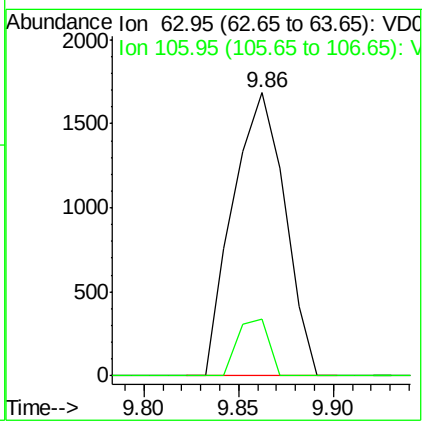


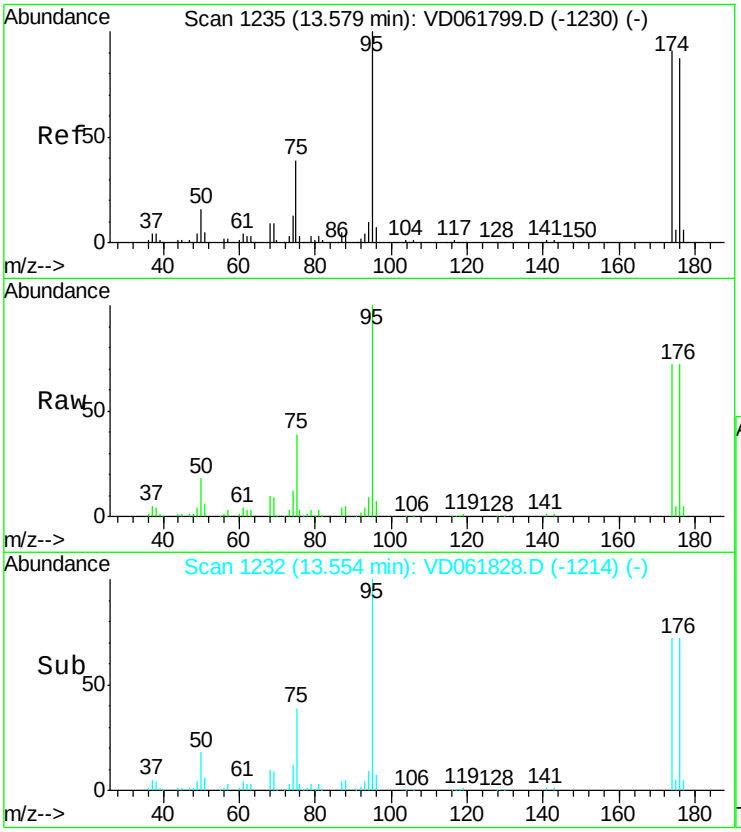


#58
2-Chloroethyl Vinyl ether
Concen: 2.509 ug/l
RT: 9.86 min Scan# 857
Delta R.T. -0.04 min
Lab File: VD061828.D
Acq: 17 Apr 2019 1:52

Tgt Ion: 63 Resp: 3205

Ion	Ratio	Lower	Upper
63	100		
106	20.1	22.6	34.0#



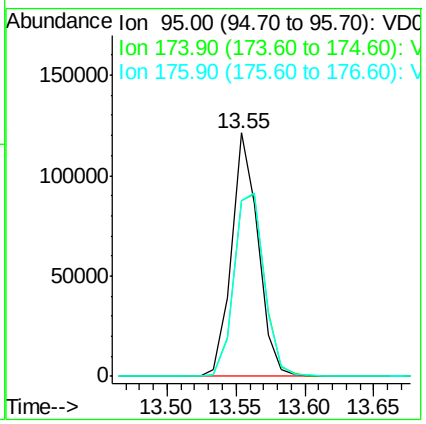


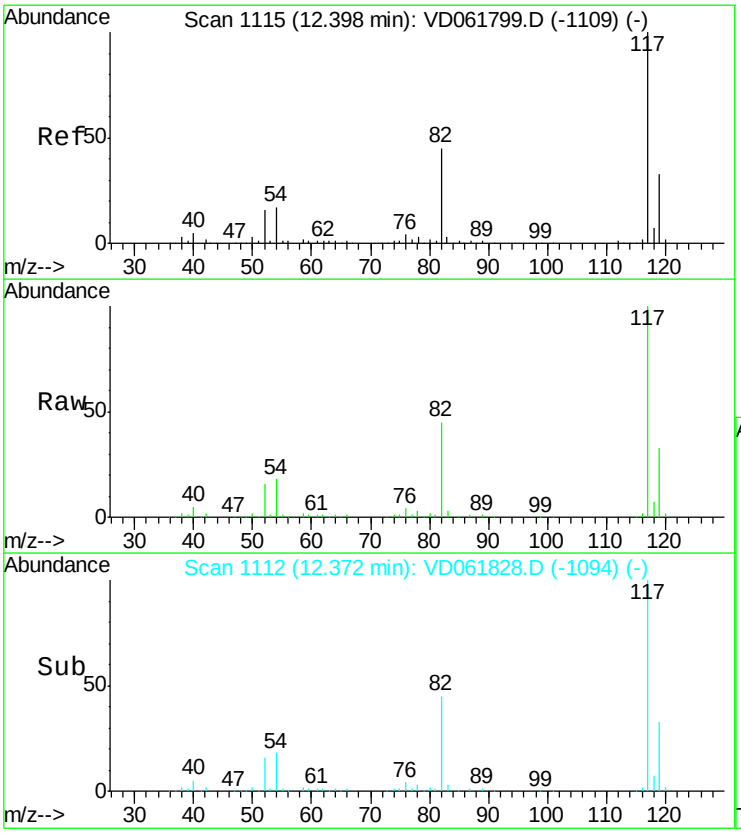
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.03 min
Lab File: VD061828.D
Acq: 17 Apr 2019 1:52

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 95 Resp: 162669

Ion	Ratio	Lower	Upper
95	100		
174	72.2	0.0	181.8
176	72.4	0.0	174.4

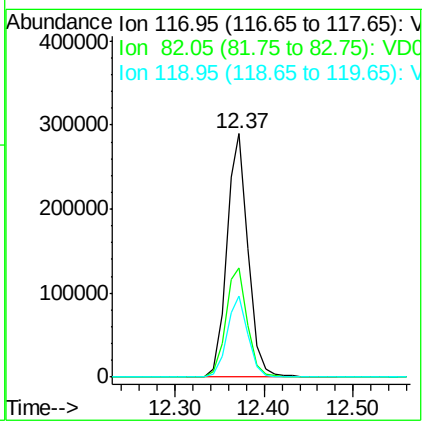


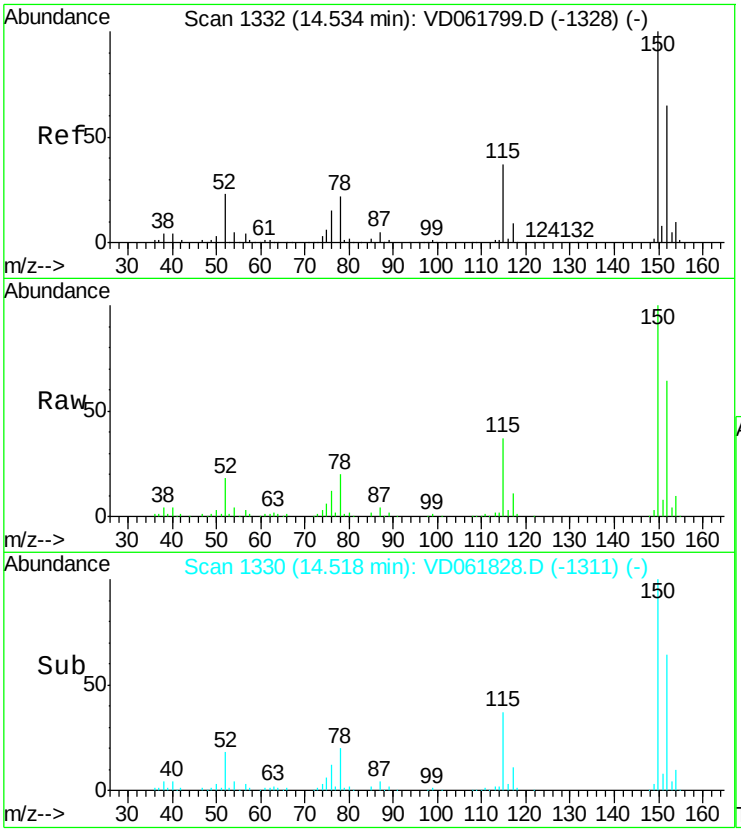


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.03 min
Lab File: VD061828.D
Acq: 17 Apr 2019 1:52

Tgt Ion:117 Resp: 484934

Ion	Ratio	Lower	Upper
117	100		
82	44.8	36.2	54.2
119	33.0	26.2	39.4



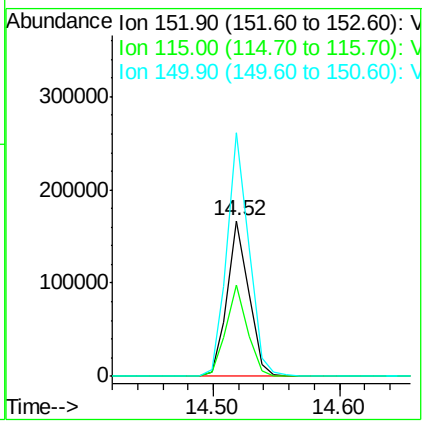


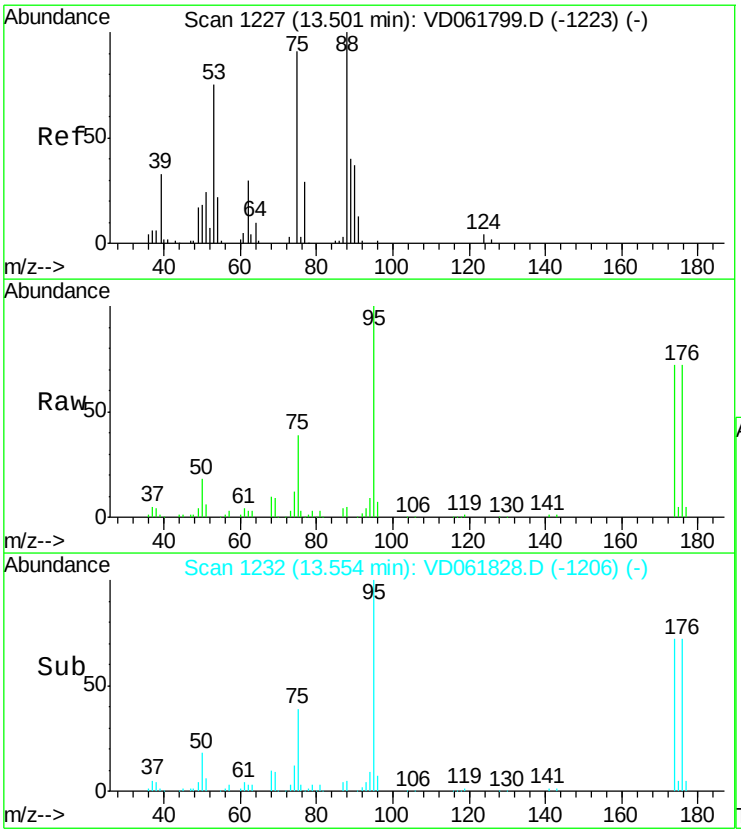
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.02 min
Lab File: VD061828.D
Acq: 17 Apr 2019 1:52

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:152 Resp: 197814

Ion	Ratio	Lower	Upper
152	100		
115	58.4	30.9	92.7
150	156.4	0.0	314.8





#81
trans-1,4-Dichloro-2-butene
Concen: 73.287 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.05 min
Lab File: VD061828.D
Acq: 17 Apr 2019 1:52

Tgt Ion: 75 Resp: 63104

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