Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD052119\
Data File : VD062490.D
Acq On : 21 May 2019 19:20
Operator : VA/AP
Sample : K2971-11
Misc : 7.14g/5ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: May 22 01:45:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D052019S.M
Quant Title : SW846 8260
QLast Update : Tue May 21 03:32:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	520485	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.22	114	726351	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.36	117	569652	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	306067	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	170626	30.63	ug/l	-0.02
Spiked Amount 50.000			Recovery = 61.26%			
35) Dibromofluoromethane	6.92	113	222473	33.95	ug/l	-0.03
Spiked Amount 50.000			Recovery = 67.90%			
50) Toluene-d8	10.40	98	439470	30.65	ug/l	-0.03
Spiked Amount 50.000			Recovery = 61.30%			
62) 4-Bromofluorobenzene	13.55	95	196653	31.35	ug/l	-0.02
Spiked Amount 50.000			Recovery = 62.70%			
Target Compounds						Qvalue
11) Tert butyl alcohol	3.96	59	1749	6.801	ug/l #	76
16) Acetone	3.21	43	1768	1.771	ug/l #	50
20) Methylene Chloride	3.81	84	20868	Below Cal		90
31) Cyclohexane	7.03	56	11514	2.189	ug/l #	7
36) 1,1-Dichloropropene	7.03	75	40830	5.880	ug/l #	47
38) Carbon Tetrachloride	7.03	117	54657	5.296	ug/l #	12
81) trans-1,4-Dichloro-2-buten	13.55	75	88144	86.693	ug/l #	16

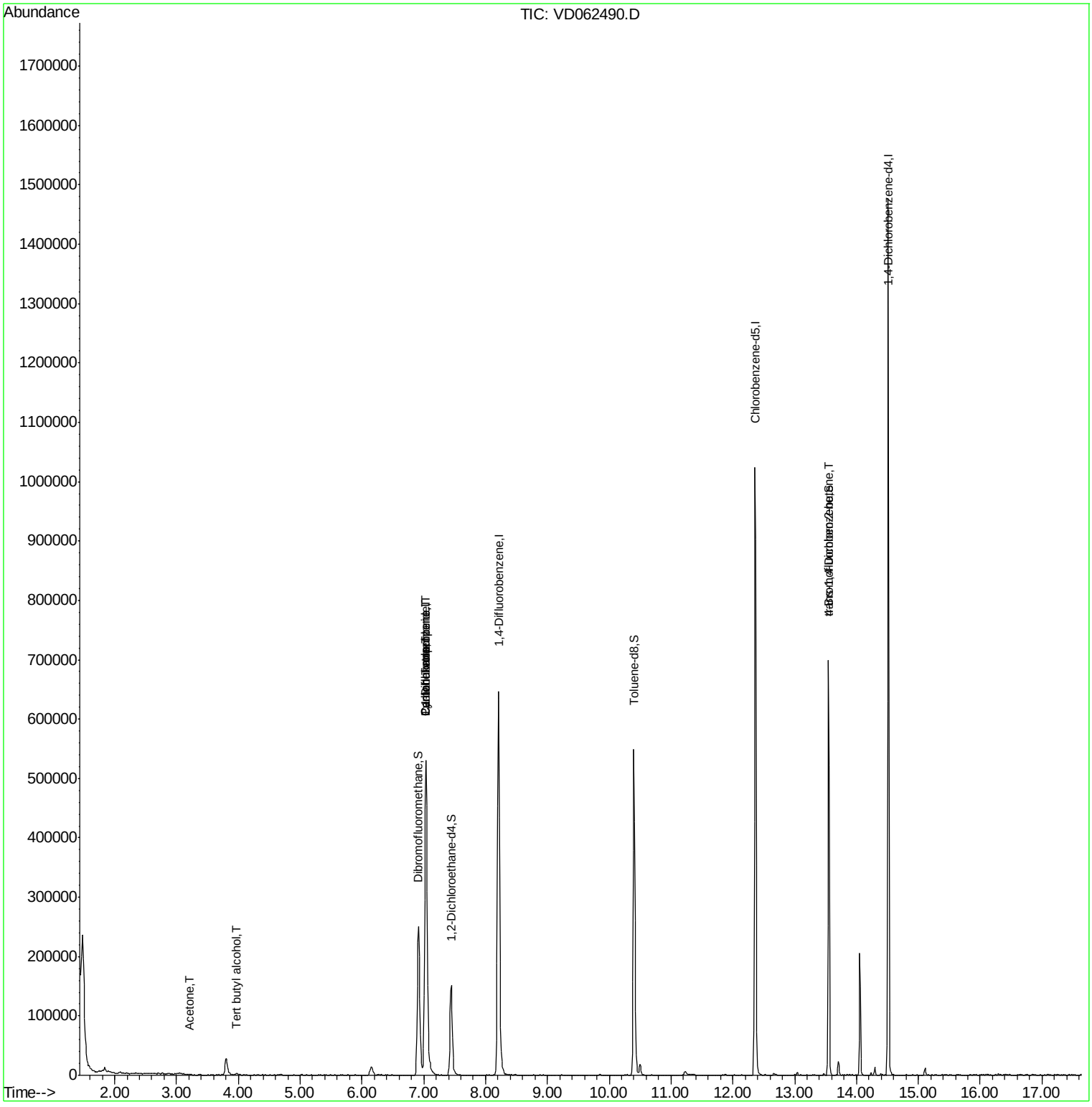
(#) = qualifier out of range (m) = manual integration (+) = signals summed

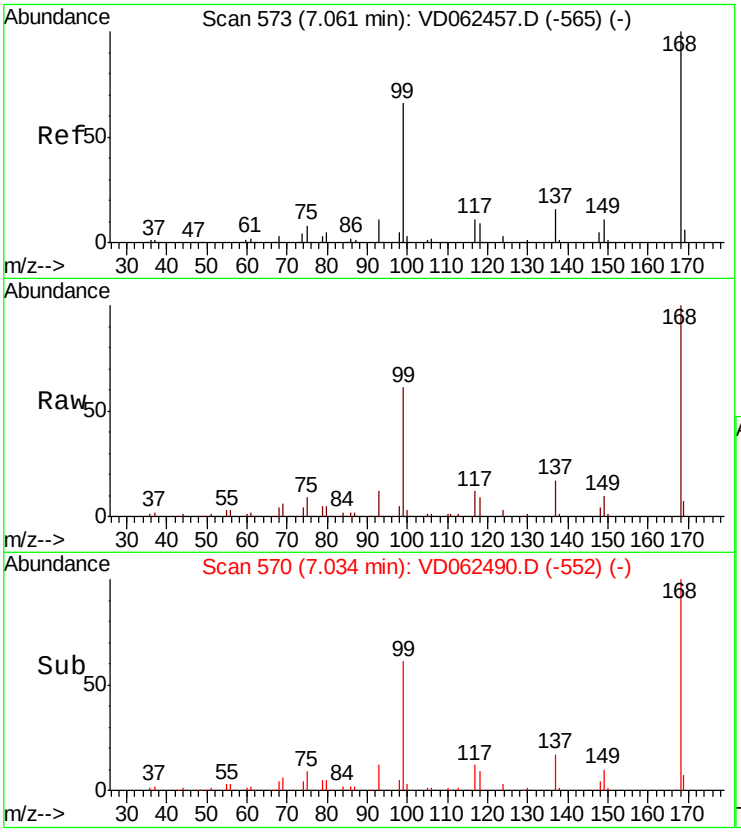
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052119\
Data File : VD062490.D
Acq On : 21 May 2019 19:20
Operator : VA/AP
Sample : K2971-11
Misc : 7.14g/5ml/MSVOA D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: May 22 01:45:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D052019S.M
Quant Title : SW846 8260
QLast Update : Tue May 21 03:32:39 2019
Response via : Initial Calibration



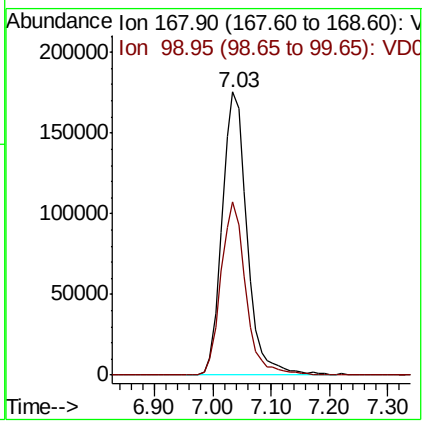


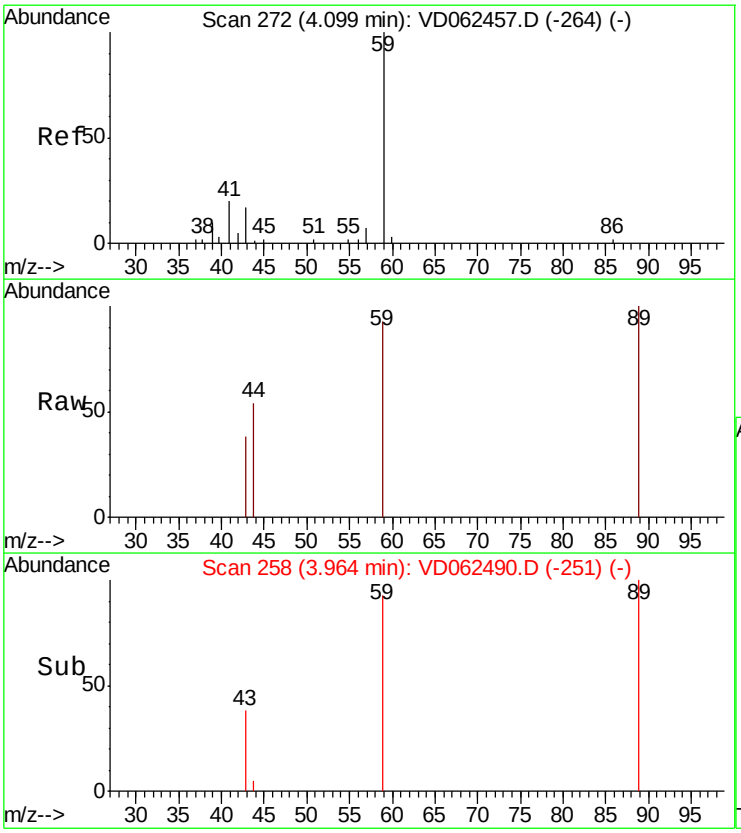
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.03 min Scan# 570
Delta R.T. -0.03 min
Lab File: VD062490.D
Acq: 21 May 2019 19:20

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 520485

Ion	Ratio	Lower	Upper
168	100		
99	61.2	46.5	69.7

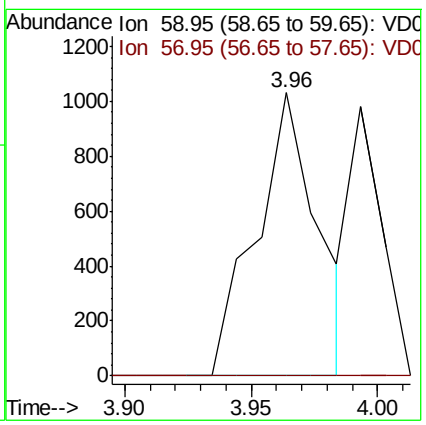


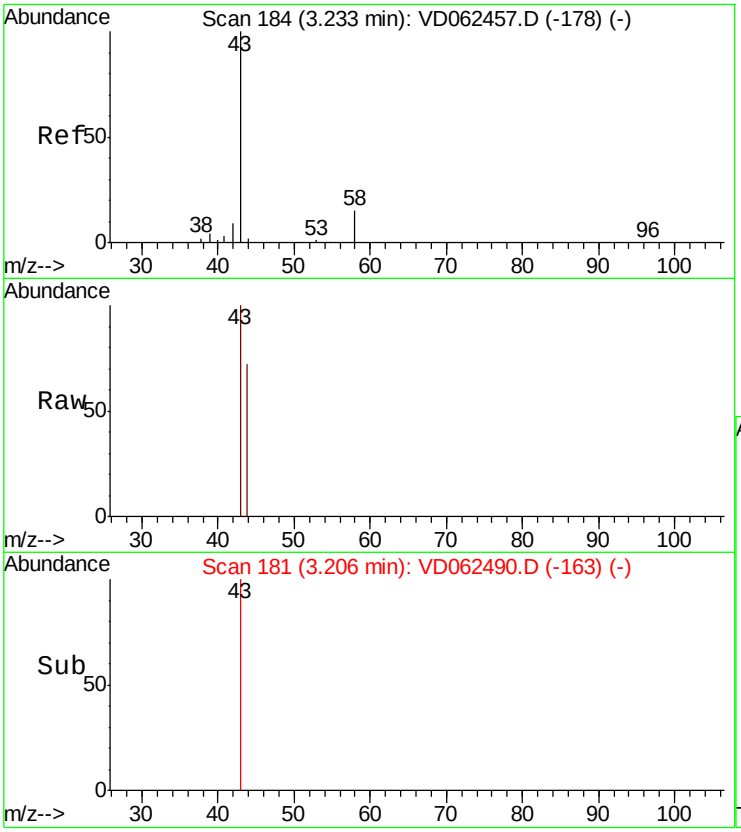


#11
Tert butyl alcohol
Concen: 6.801 ug/l
RT: 3.96 min Scan# 258
Delta R.T. -0.14 min
Lab File: VD062490.D
Acq: 21 May 2019 19:20

Tgt Ion: 59 Resp: 1749

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.9	10.3#



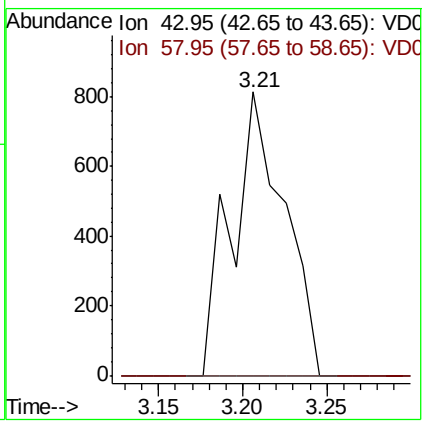


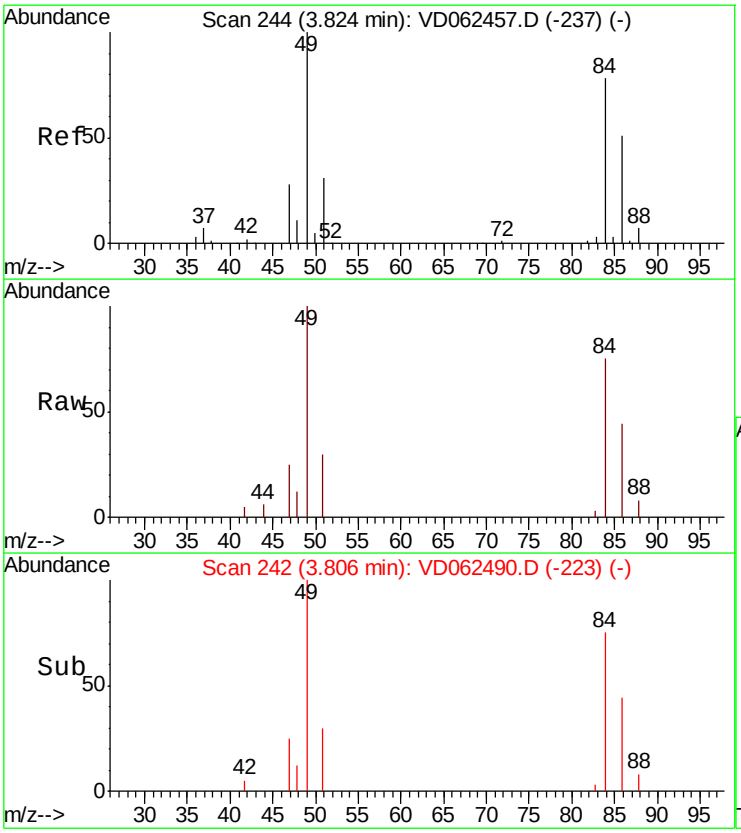
#16
Acetone
Concen: 1.771 ug/l
RT: 3.21 min Scan# 181
Delta R.T. -0.03 min
Lab File: VD062490.D
Acq: 21 May 2019 19:20

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 1768

Ion	Ratio	Lower	Upper
43	100		
58	0.0	19.9	29.9#

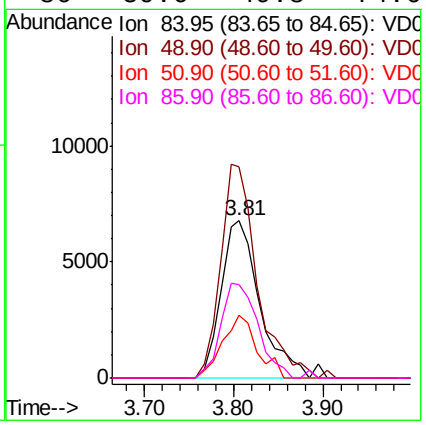


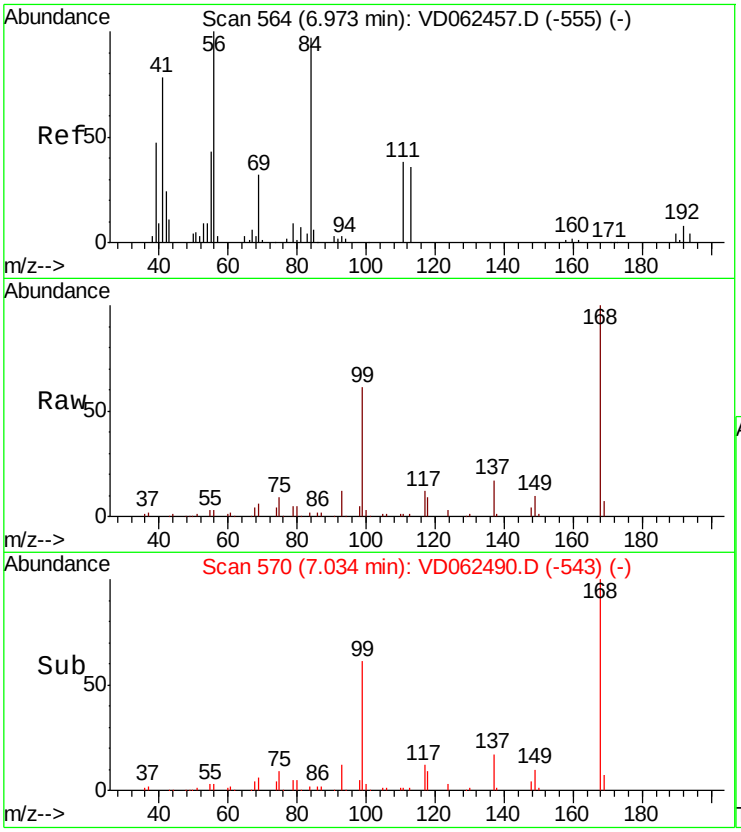


#20
Methylene Chloride
Concen: Below Cal
RT: 3.81 min Scan# 242
Delta R.T. -0.02 min
Lab File: VD062490.D
Acq: 21 May 2019 19:20

Tgt Ion: 84 Resp: 20868

Ion	Ratio	Lower	Upper
84	100		
49	134.2	94.0	141.0
51	40.1	29.0	43.4
86	59.6	49.8	74.6



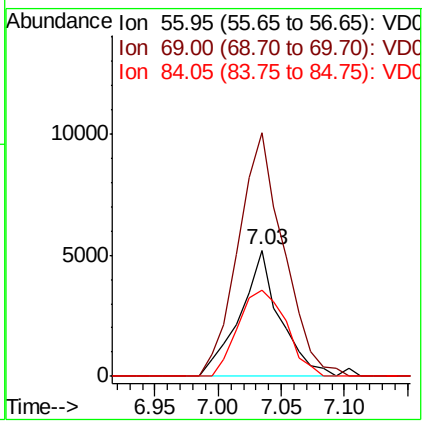


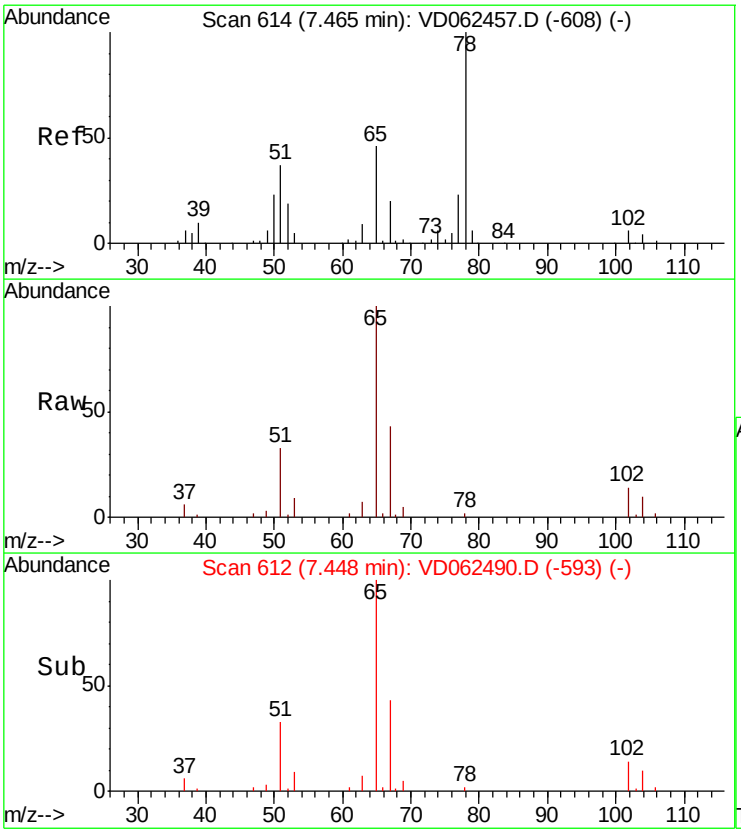
#31
Cyclohexane
Concen: 2.189 ug/l
RT: 7.03 min Scan# 570
Delta R.T. 0.06 min
Lab File: VD062490.D
Acq: 21 May 2019 19:20

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 56 Resp: 11514

Ion	Ratio	Lower	Upper
56	100		
69	192.7	25.8	38.6#
84	68.2	72.2	108.4#

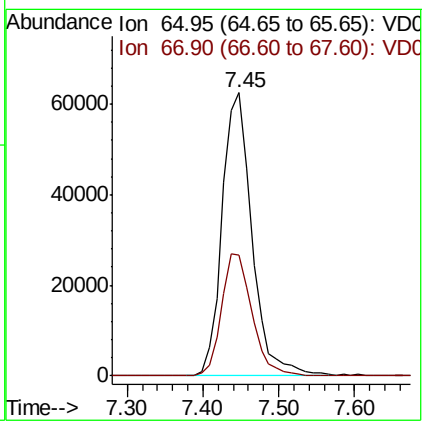


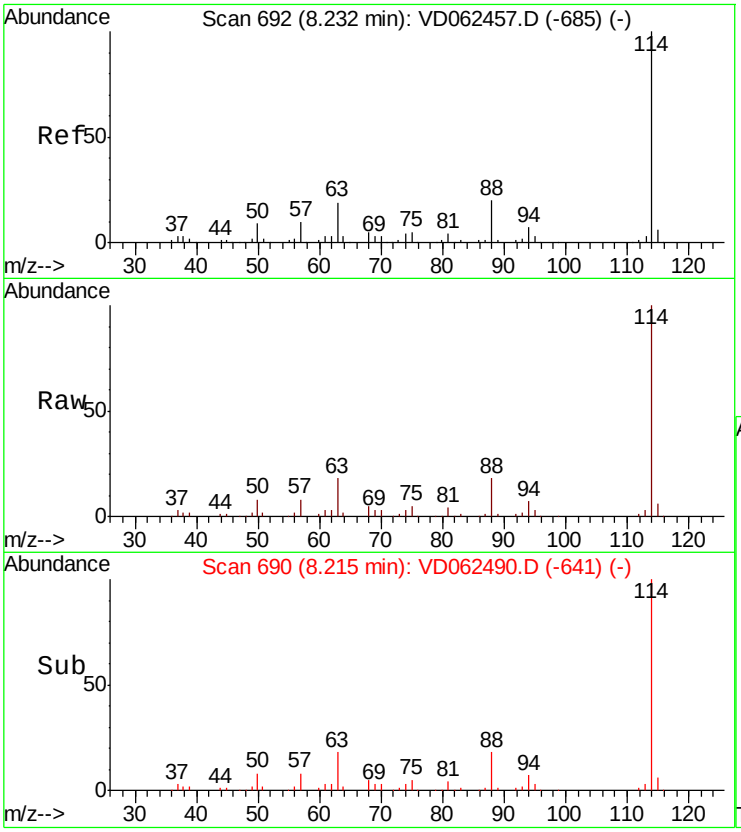


#33
1,2-Dichloroethane-d4
Concen: 30.625 ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.02 min
Lab File: VD062490.D
Acq: 21 May 2019 19:20

Tgt Ion: 65 Resp: 170626

Ion	Ratio	Lower	Upper
65	100		
67	42.8	0.0	98.0



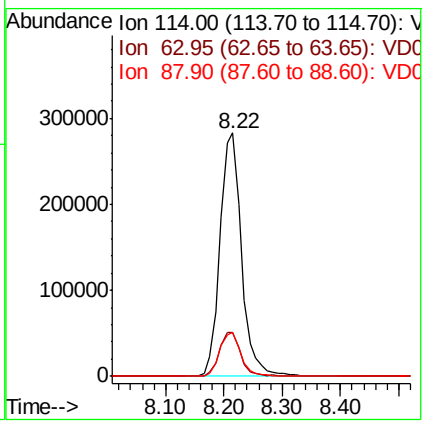


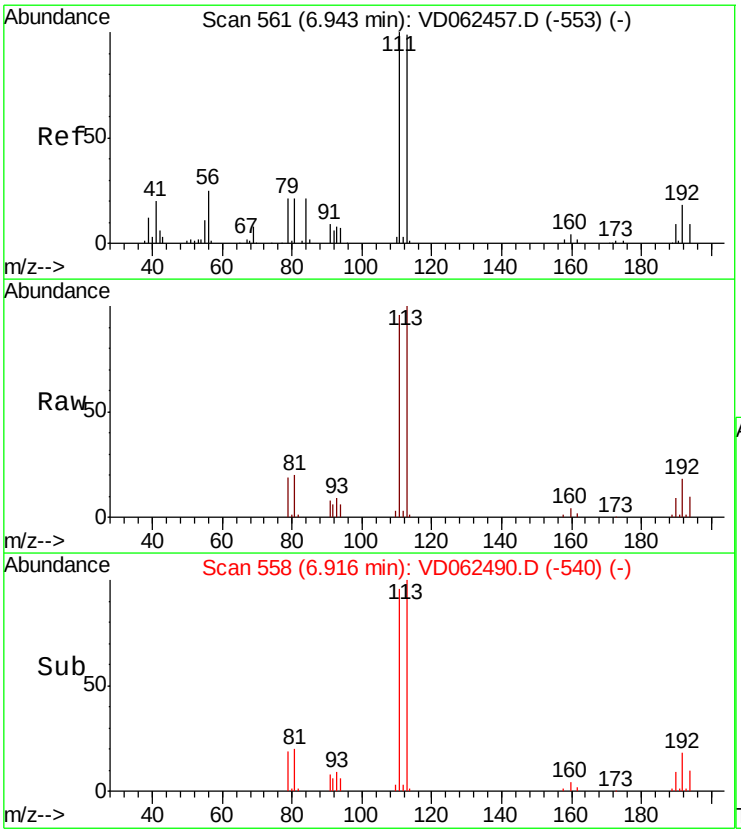
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.22 min Scan# 690
Delta R.T. -0.02 min
Lab File: VD062490.D
Acq: 21 May 2019 19:20

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:114 Resp: 726351

Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	32.4
88	18.2	0.0	33.6

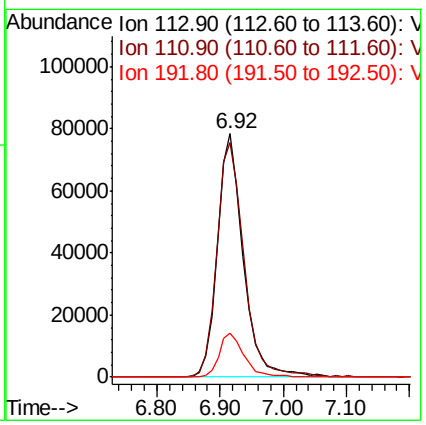


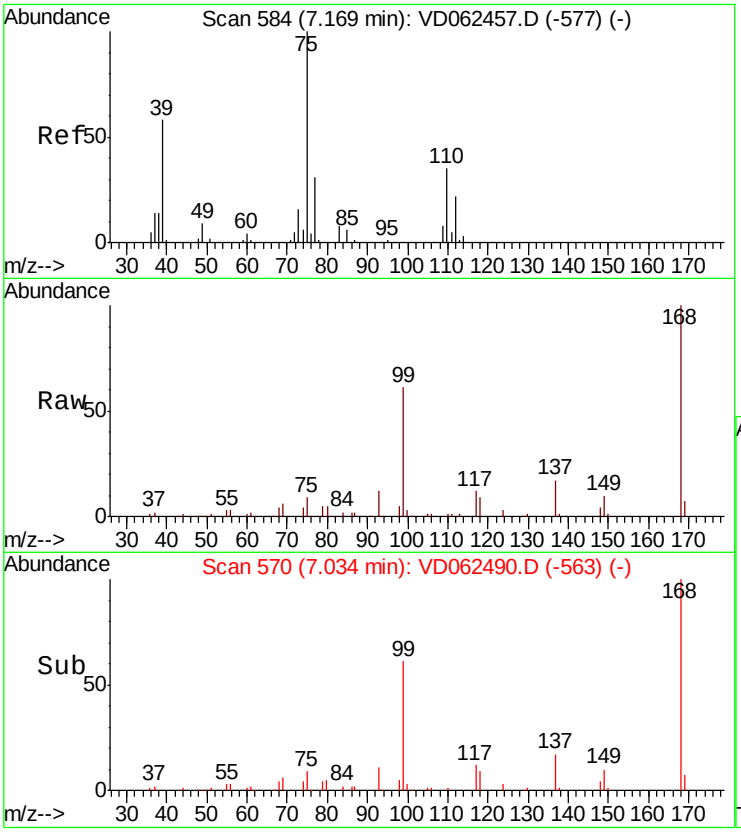


#35
Dibromofluoromethane
Concen: 33.952 ug/l
RT: 6.92 min Scan# 558
Delta R.T. -0.03 min
Lab File: VD062490.D
Acq: 21 May 2019 19:20

Tgt Ion:113 Resp: 222473

Ion	Ratio	Lower	Upper
113	100		
111	96.3	78.5	117.7
192	17.8	13.0	19.4



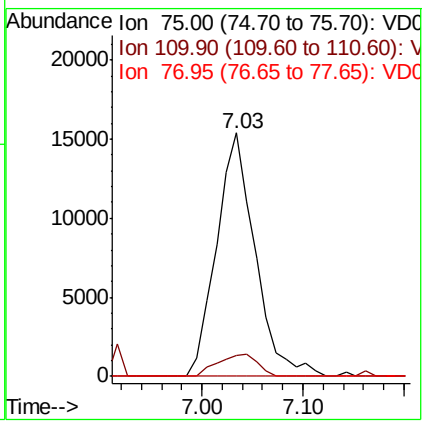


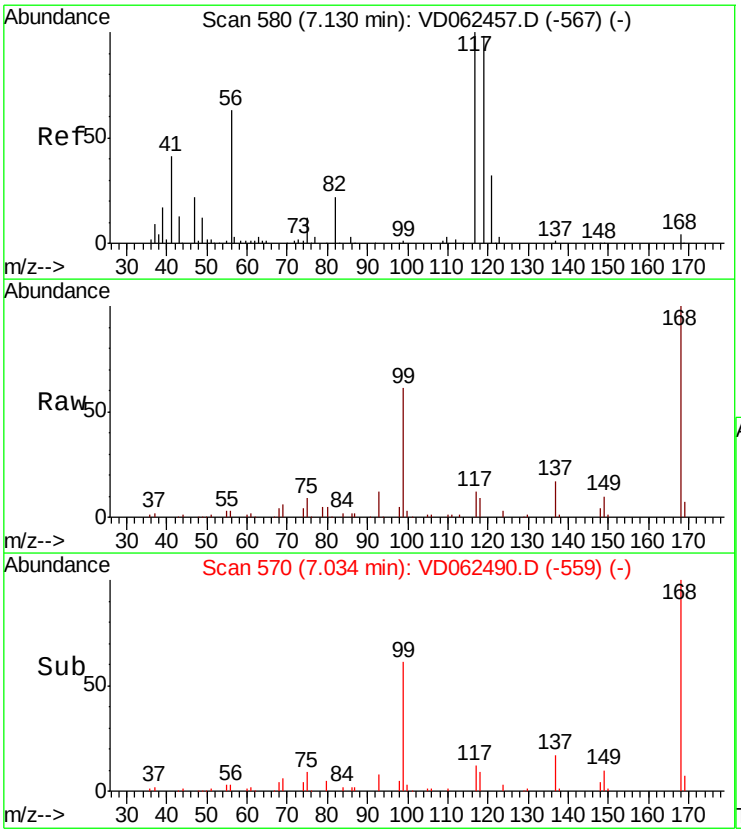
#36
1,1-Dichloropropene
Concen: 5.880 ug/l
RT: 7.03 min Scan# 570
Delta R.T. -0.14 min
Lab File: VD062490.D
Acq: 21 May 2019 19:20

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 40830

Ion	Ratio	Lower	Upper
75	100		
110	8.4	19.1	57.1#
77	0.0	25.6	38.4#

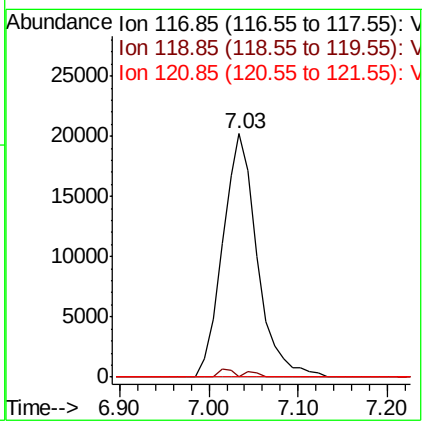


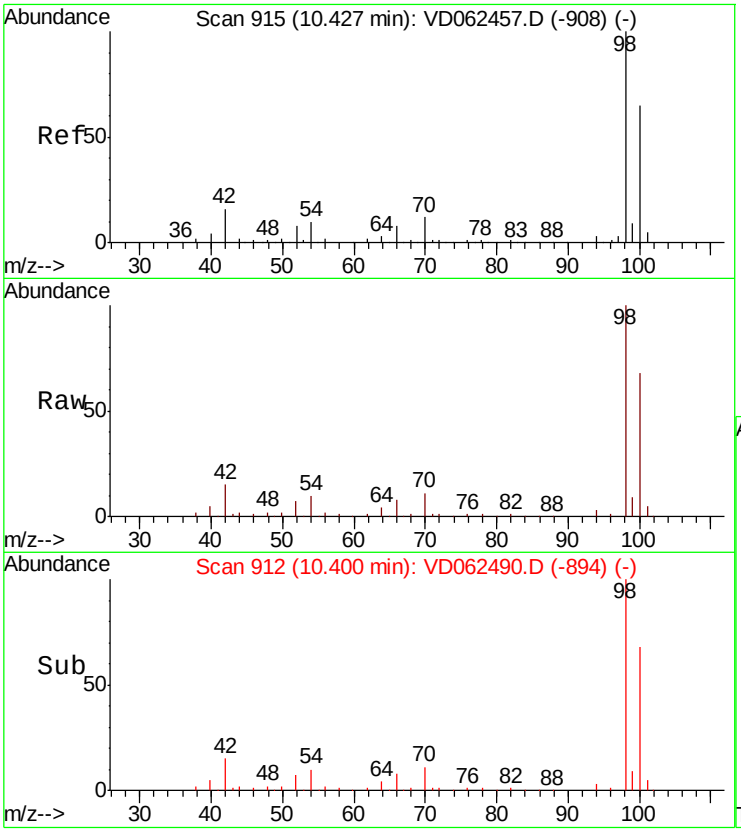


#38
Carbon Tetrachloride
Concen: 5.296 ug/l
RT: 7.03 min Scan# 570
Delta R.T. -0.10 min
Lab File: VD062490.D
Acq: 21 May 2019 19:20

Tgt Ion:117 Resp: 54657

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



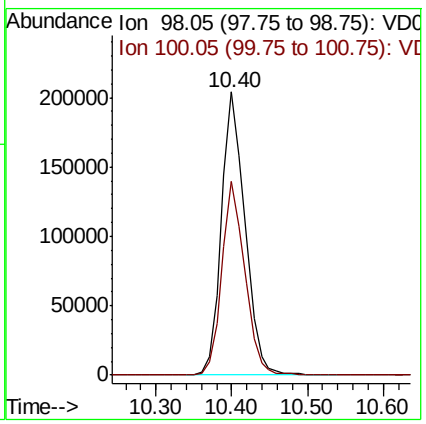


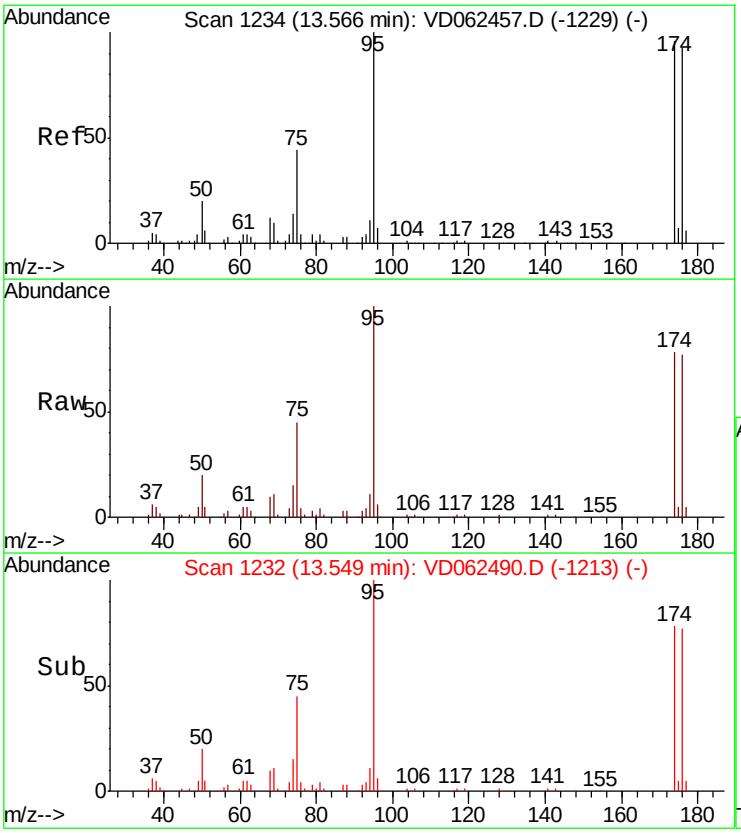
#50
Toluene-d8
Concen: 30.647 ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.03 min
Lab File: VD062490.D
Acq: 21 May 2019 19:20

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 98 Resp: 439470

Ion	Ratio	Lower	Upper
98	100		
100	68.3	53.8	80.8

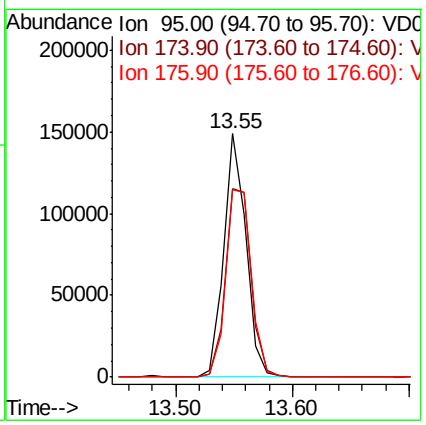


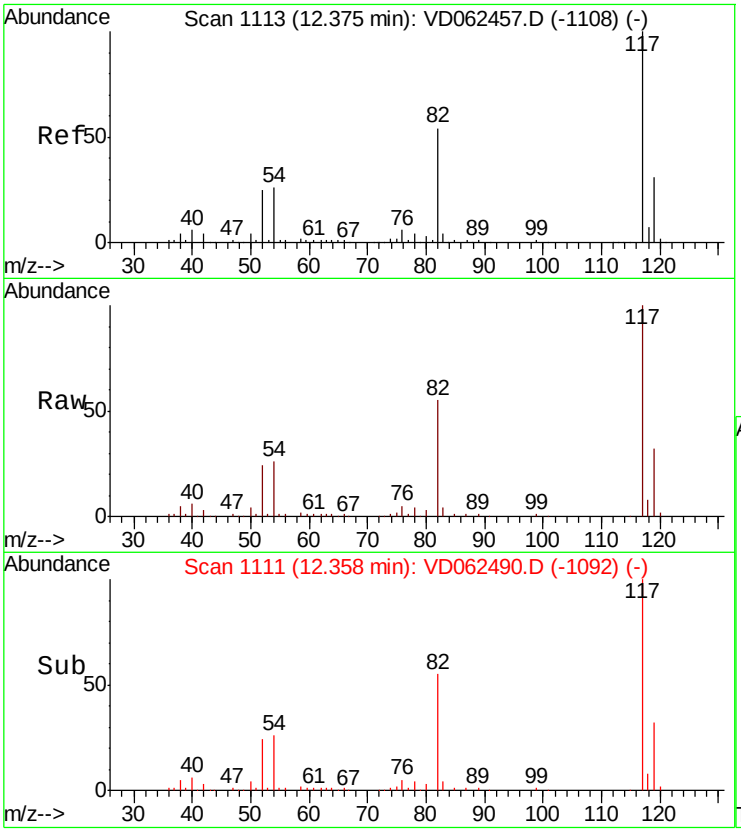


#62
4-Bromofluorobenzene
Concen: 31.351 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.02 min
Lab File: VD062490.D
Acq: 21 May 2019 19:20

Tgt Ion: 95 Resp: 196653

Ion	Ratio	Lower	Upper
95	100		
174	77.5	0.0	181.8
176	76.7	0.0	174.4



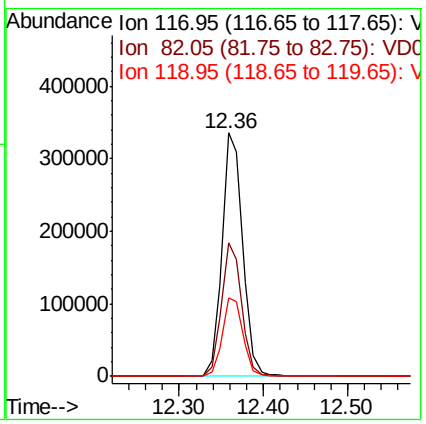


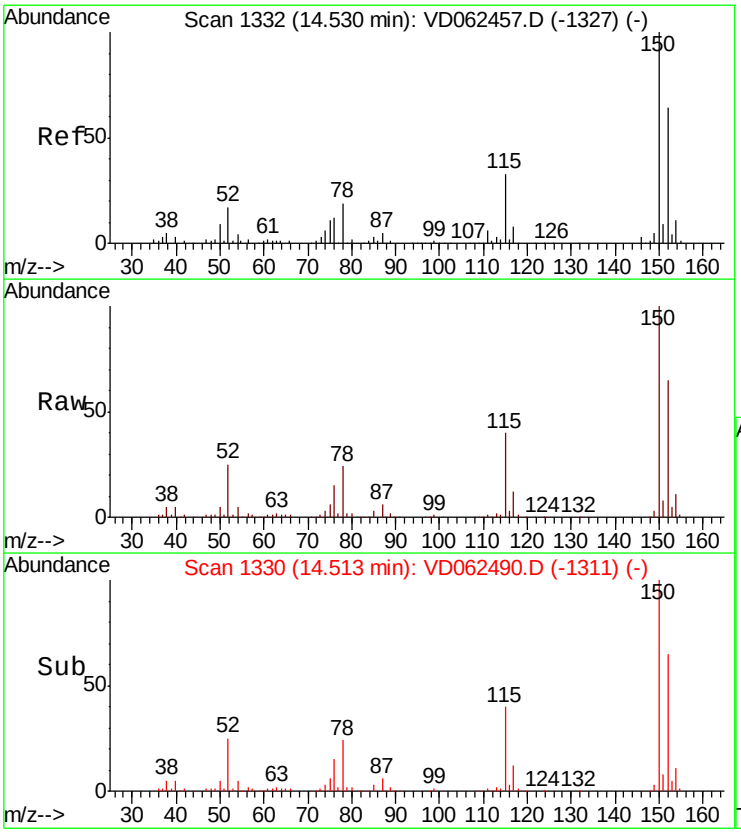
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VD062490.D
Acq: 21 May 2019 19:20

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 569652

Ion	Ratio	Lower	Upper
117	100		
82	54.9	36.2	54.2#
119	32.1	26.2	39.4

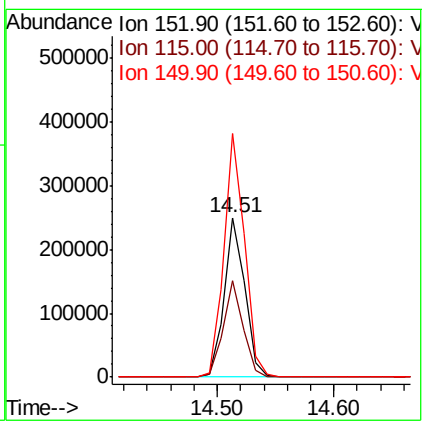


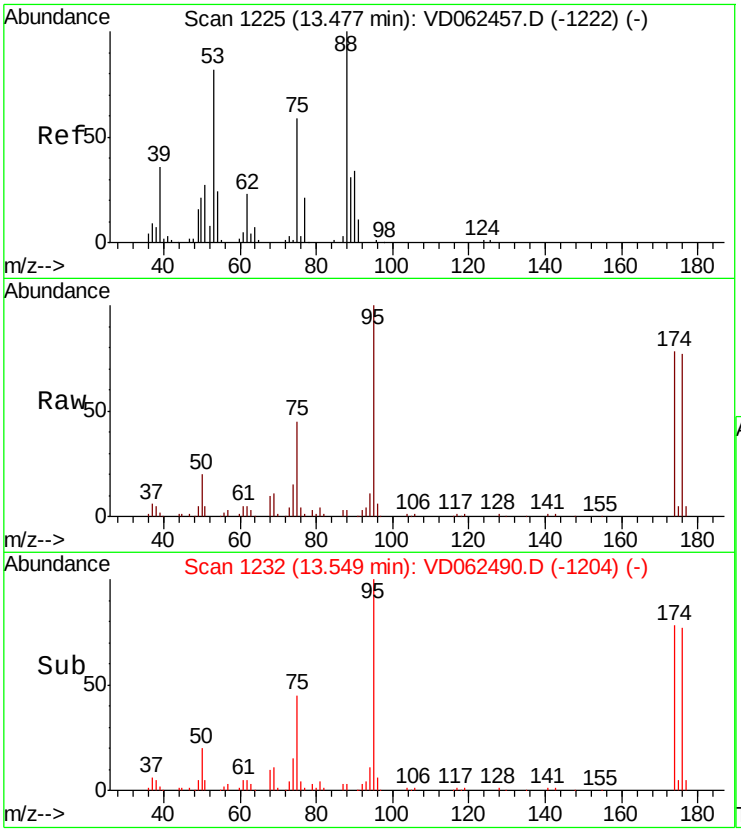


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. -0.02 min
Lab File: VD062490.D
Acq: 21 May 2019 19:20

Tgt Ion:152 Resp: 306067

Ion	Ratio	Lower	Upper
152	100		
115	60.8	30.9	92.7
150	153.0	0.0	314.8





#81
trans-1,4-Dichloro-2-butene
Concen: 86.693 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.07 min
Lab File: VD062490.D
Acq: 21 May 2019 19:20

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 88144

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