Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD052119\
Data File : VD062475.D
Acq On : 21 May 2019 12:25
Operator : VA/AP
Sample : VD0521SBL01
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: May 22 01:42:41 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	7.05	168	795868	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1083216	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	812142	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	476200	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	465570	54.65	ug/l	0.00
Spiked Amount 50.000			Recovery = 109.30%			
35) Dibromofluoromethane	6.92	113	549989	56.28	ug/l	-0.02
Spiked Amount 50.000			Recovery = 112.56%			
50) Toluene-d8	10.42	98	1246330	58.28	ug/l	0.00
Spiked Amount 50.000			Recovery = 116.56%			
62) 4-Bromofluorobenzene	13.56	95	512131	54.75	ug/l	0.00
Spiked Amount 50.000			Recovery = 109.50%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.58	85	1950	Below Cal	#	42
16) Acetone	3.23	43	4642	3.041	ug/l	98
20) Methylene Chloride	3.83	84	5118	Below Cal	#	79
36) 1,1-Dichloropropene	7.04	75	58762	5.674	ug/l #	49
38) Carbon Tetrachloride	7.04	117	83284	5.411	ug/l #	15
58) 2-Chloroethyl Vinyl ether	9.87	63	2790	1.078	ug/l #	53
81) trans-1,4-Dichloro-2-buten	13.56	75	223008	140.974	ug/l #	16

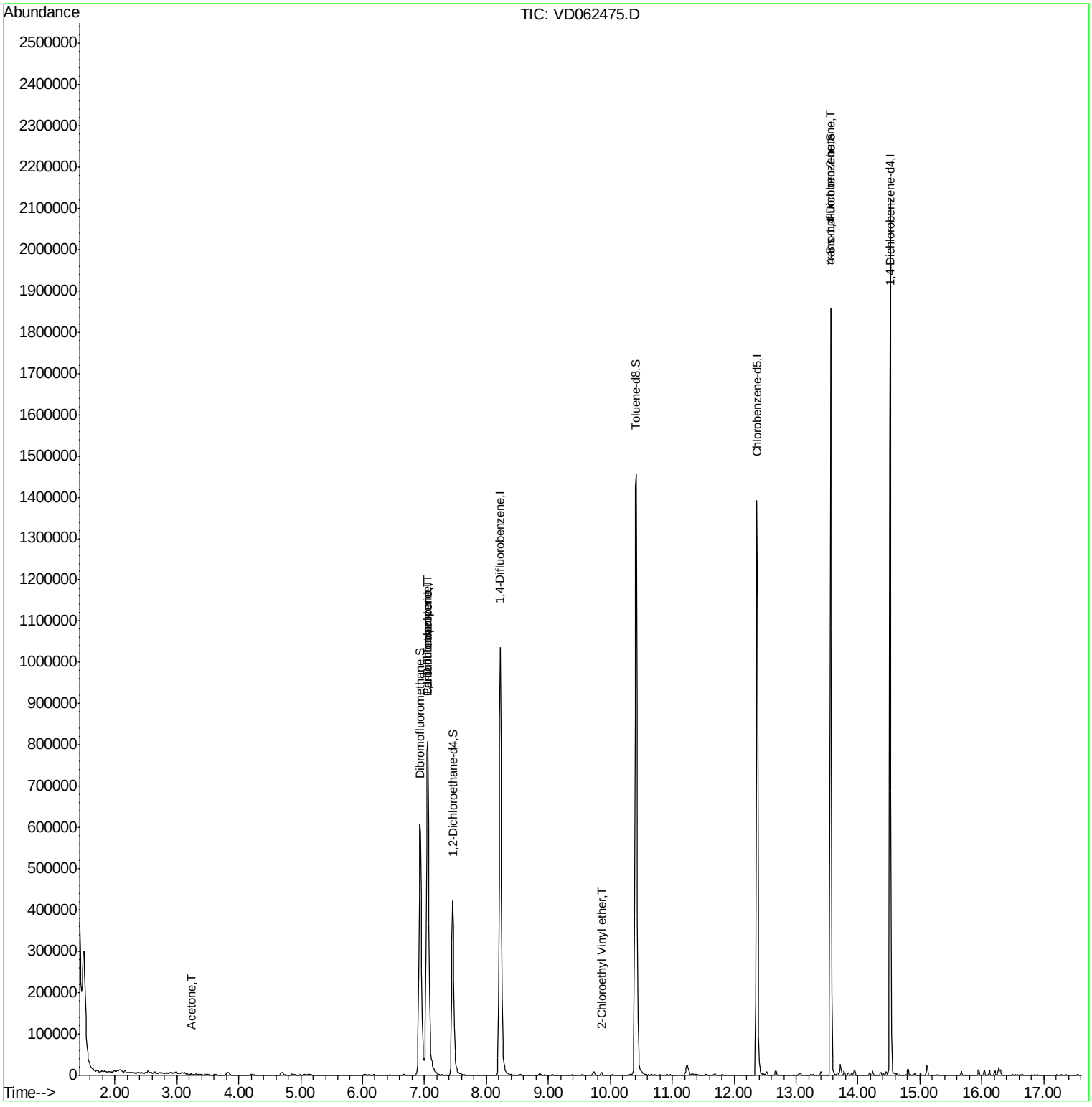
(#) = qualifier out of range (m) = manual integration (+) = signals summed

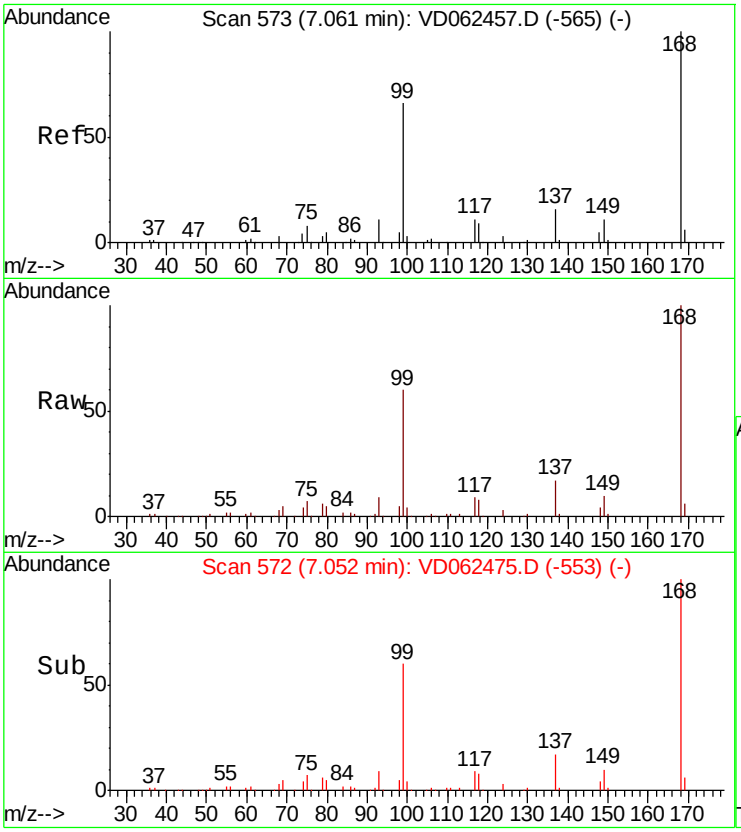
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD052119\
Data File : VD062475.D
Acq On : 21 May 2019 12:25
Operator : VA/AP
Sample : VD0521SBL01
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: May 22 01:42:41 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



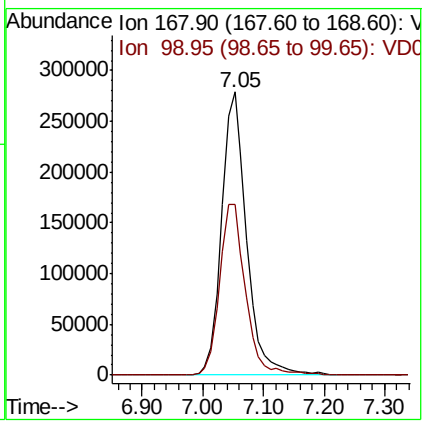


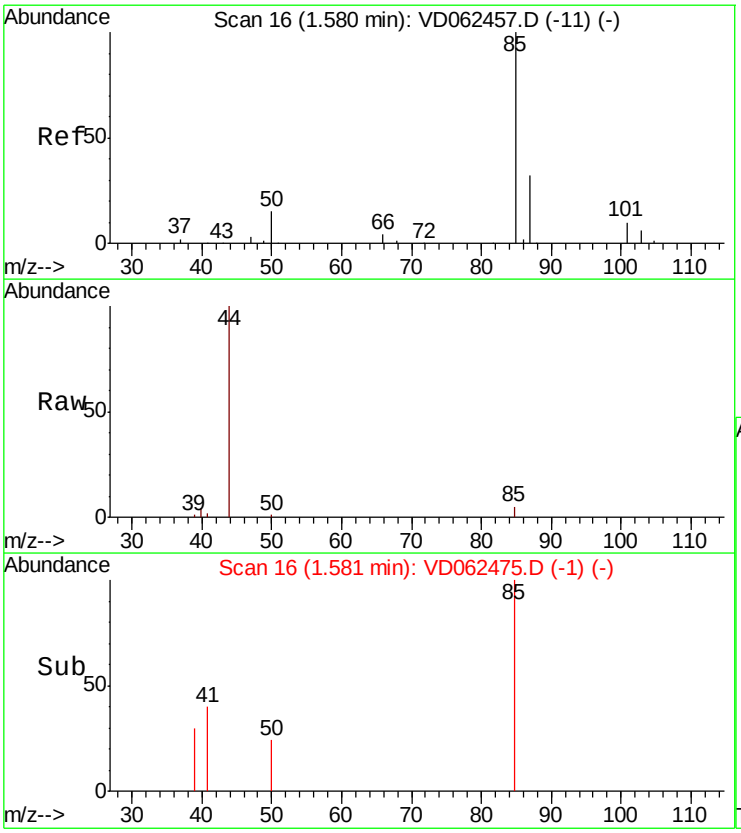
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.05 min Scan# 572
Delta R.T. -0.01 min
Lab File: VD062475.D
Acq: 21 May 2019 12:25

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 795868

Ion	Ratio	Lower	Upper
168	100		
99	60.3	46.5	69.7

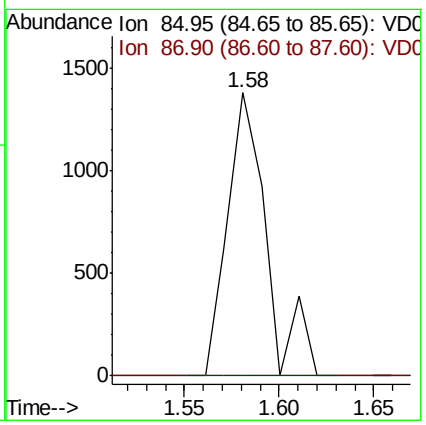


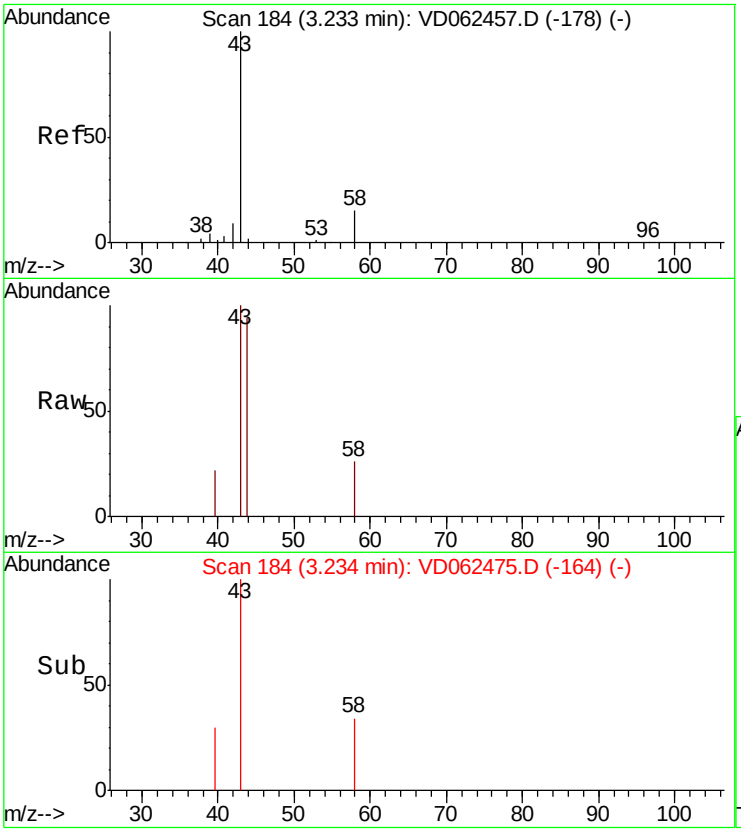


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.58 min Scan# 16
Delta R.T. 0.00 min
Lab File: VD062475.D
Acq: 21 May 2019 12:25

Tgt Ion: 85 Resp: 1950

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.2	48.6#



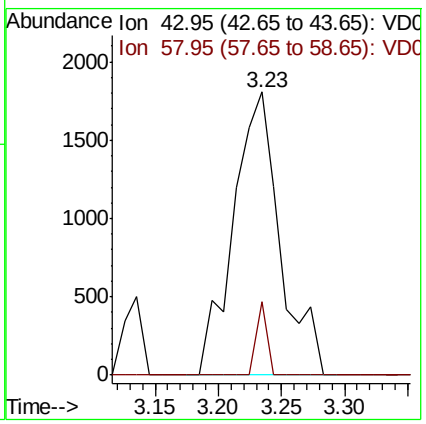


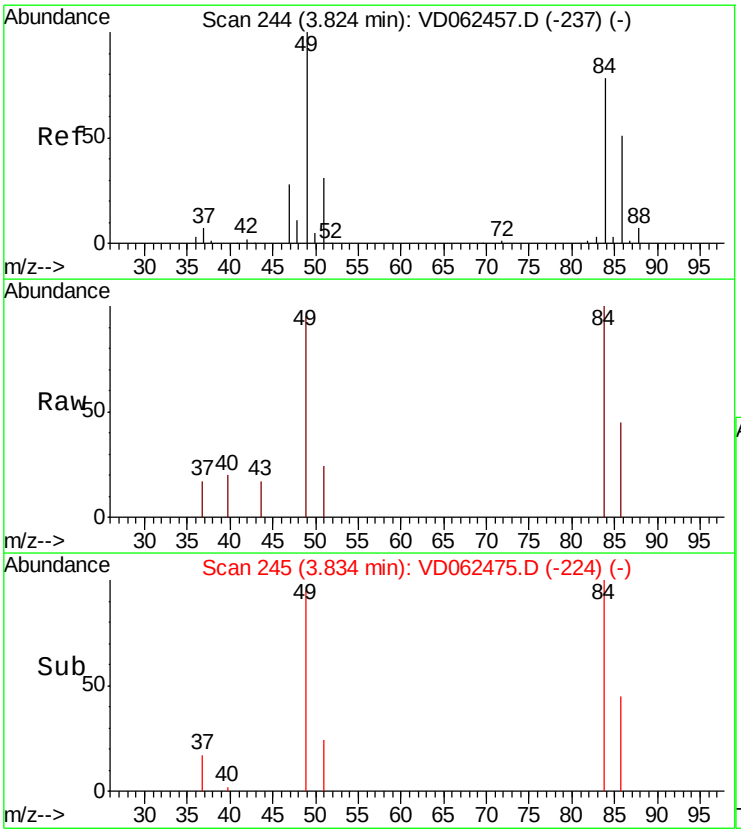
#16
Acetone
Concen: 3.041 ug/l
RT: 3.23 min Scan# 184
Delta R.T. 0.00 min
Lab File: VD062475.D
Acq: 21 May 2019 12:25

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 4642

Ion	Ratio	Lower	Upper
43	100		
58	25.8	19.9	29.9

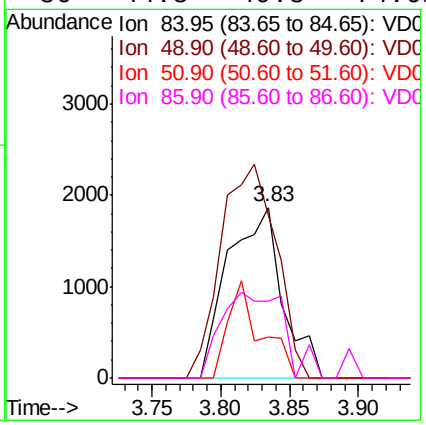


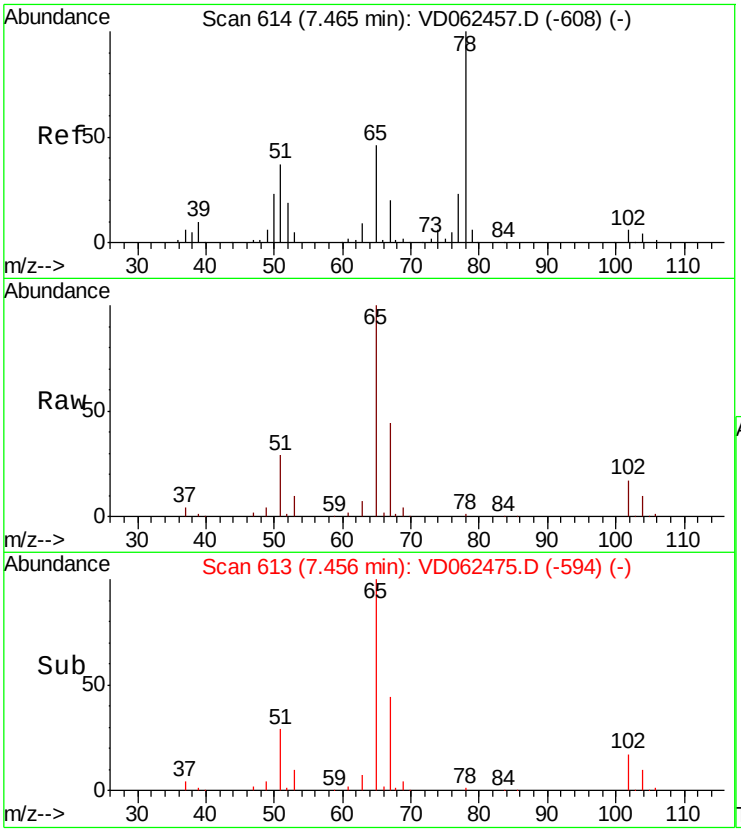


#20
Methylene Chloride
Concen: Below Cal
RT: 3.83 min Scan# 245
Delta R.T. 0.01 min
Lab File: VD062475.D
Acq: 21 May 2019 12:25

Tgt Ion: 84 Resp: 5118

Ion	Ratio	Lower	Upper
84	100		
49	95.3	94.0	141.0
51	23.8	29.0	43.4#
86	44.8	49.8	74.6#



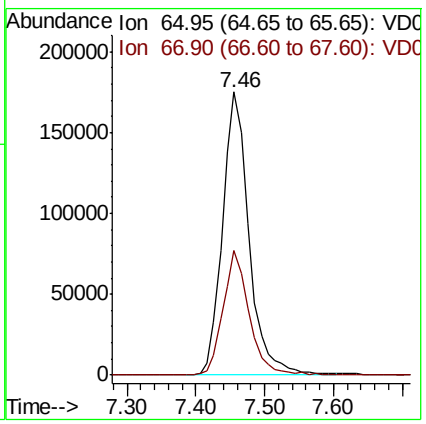


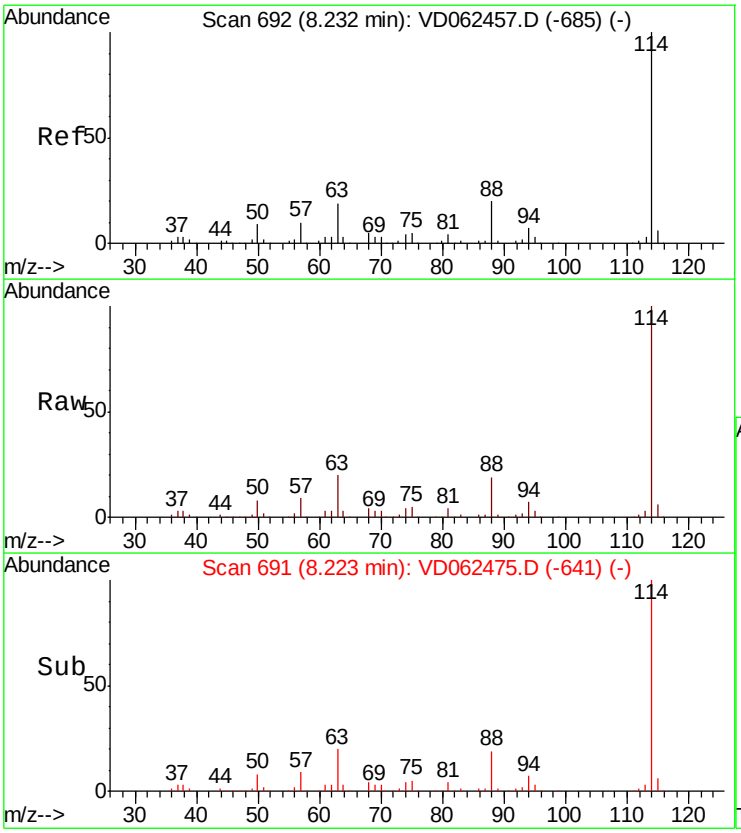
#33
1,2-Dichloroethane-d4
Concen: 54.649 ug/l
RT: 7.46 min Scan# 613
Delta R.T. -0.01 min
Lab File: VD062475.D
Acq: 21 May 2019 12:25

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 65 Resp: 465570

Ion	Ratio	Lower	Upper
65	100		
67	44.1	0.0	98.0

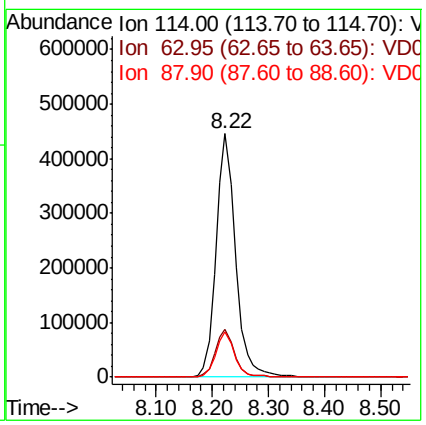


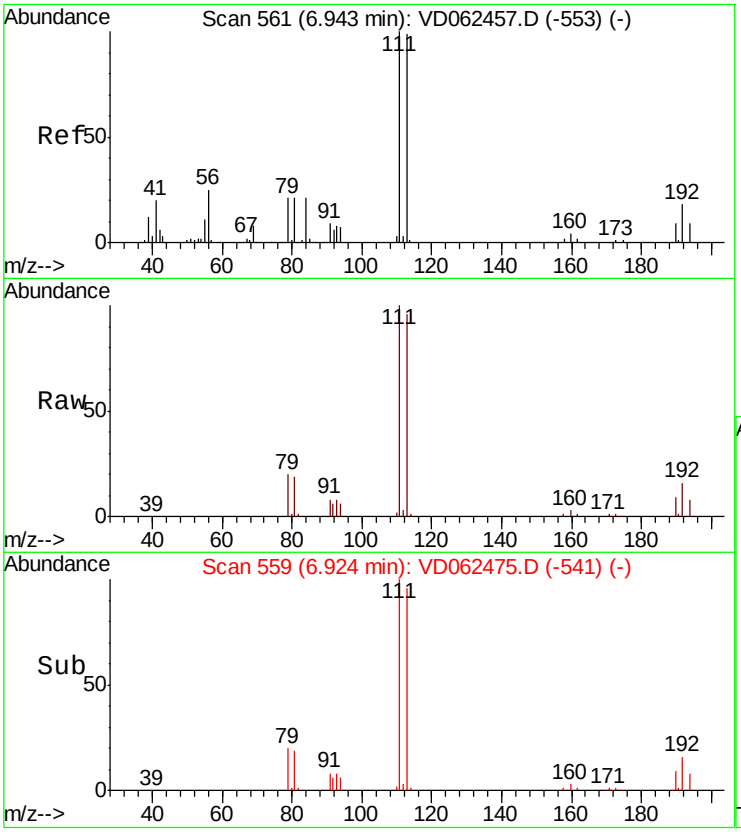


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.22 min Scan# 691
Delta R.T. -0.01 min
Lab File: VD062475.D
Acq: 21 May 2019 12:25

Tgt Ion:114 Resp: 1083216

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	32.4
88	18.6	0.0	33.6



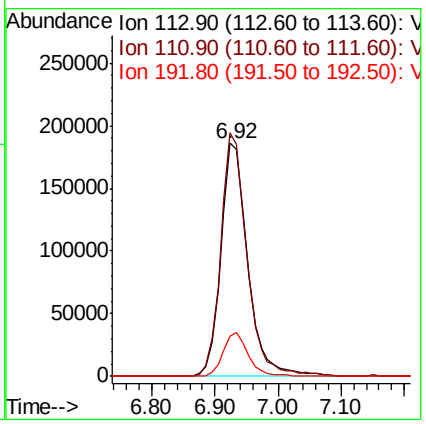


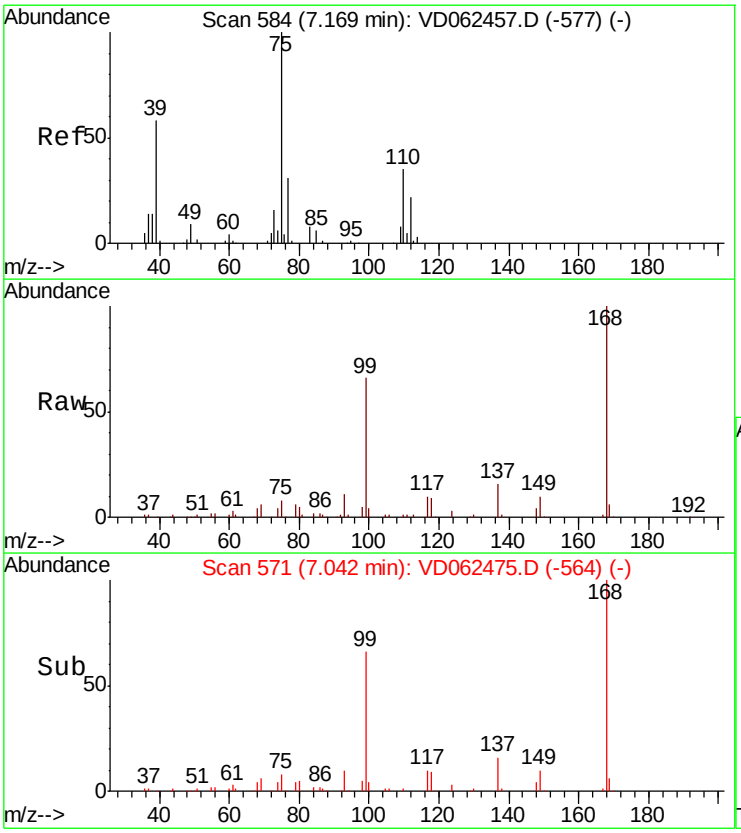
#35
Dibromofluoromethane
Concen: 56.283 ug/l
RT: 6.92 min Scan# 559
Delta R.T. -0.02 min
Lab File: VD062475.D
Acq: 21 May 2019 12:25

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:113 Resp: 549989

Ion	Ratio	Lower	Upper
113	100		
111	104.4	78.5	117.7
192	16.9	13.0	19.4

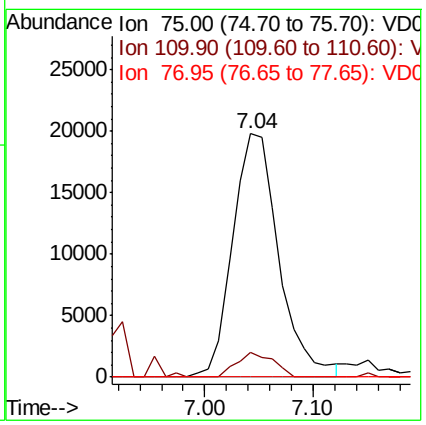


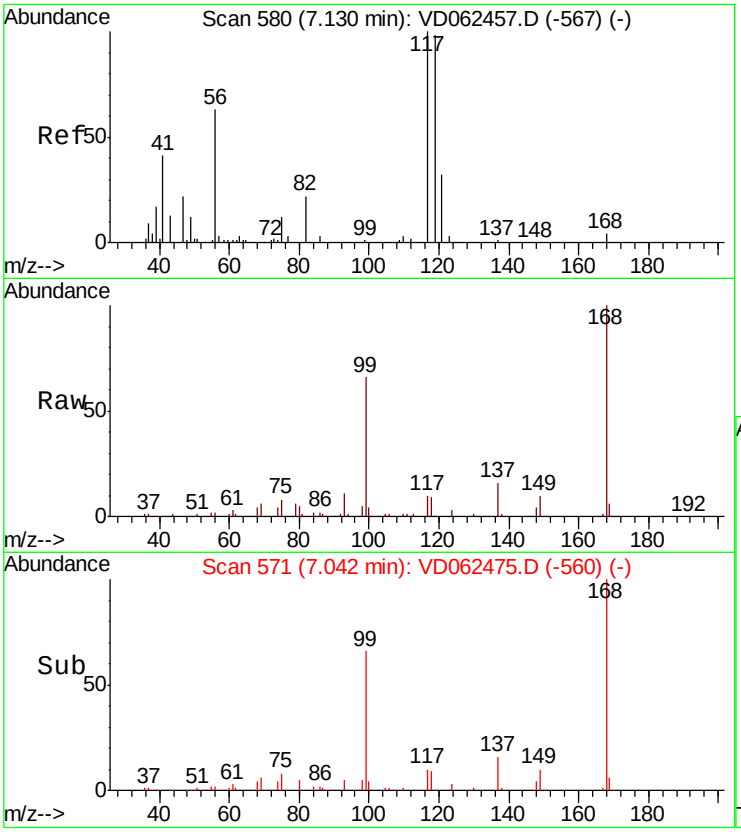


#36
1,1-Dichloropropene
Concen: 5.674 ug/l
RT: 7.04 min Scan# 571
Delta R.T. -0.13 min
Lab File: VD062475.D
Acq: 21 May 2019 12:25

Tgt Ion: 75 Resp: 58762

Ion	Ratio	Lower	Upper
75	100		
110	10.4	19.1	57.1#
77	0.0	25.6	38.4#



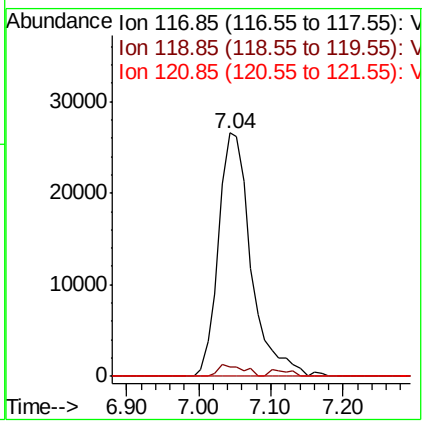


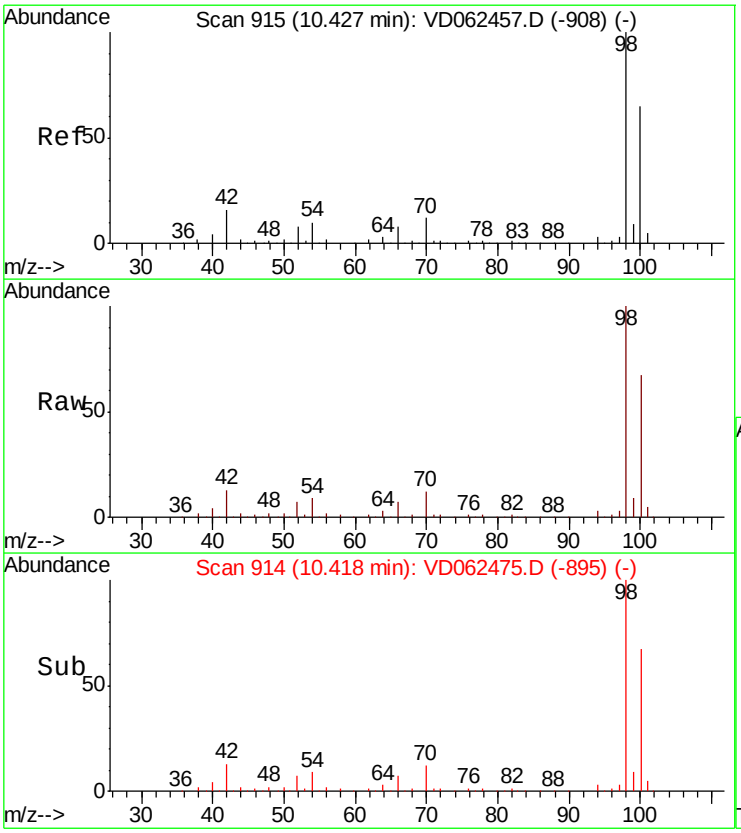
#38
Carbon Tetrachloride
Concen: 5.411 ug/l
RT: 7.04 min Scan# 571
Delta R.T. -0.09 min
Lab File: VD062475.D
Acq: 21 May 2019 12:25

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 83284

Ion	Ratio	Lower	Upper
117	100		
119	3.7	75.8	113.8#
121	0.0	25.9	38.9#

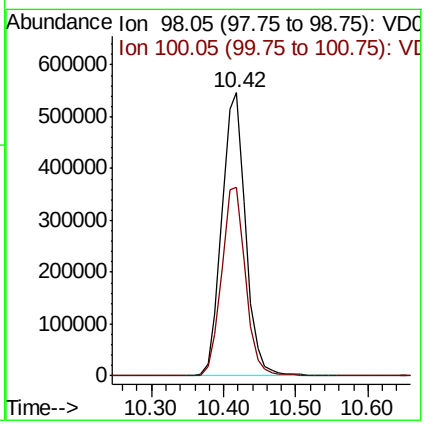


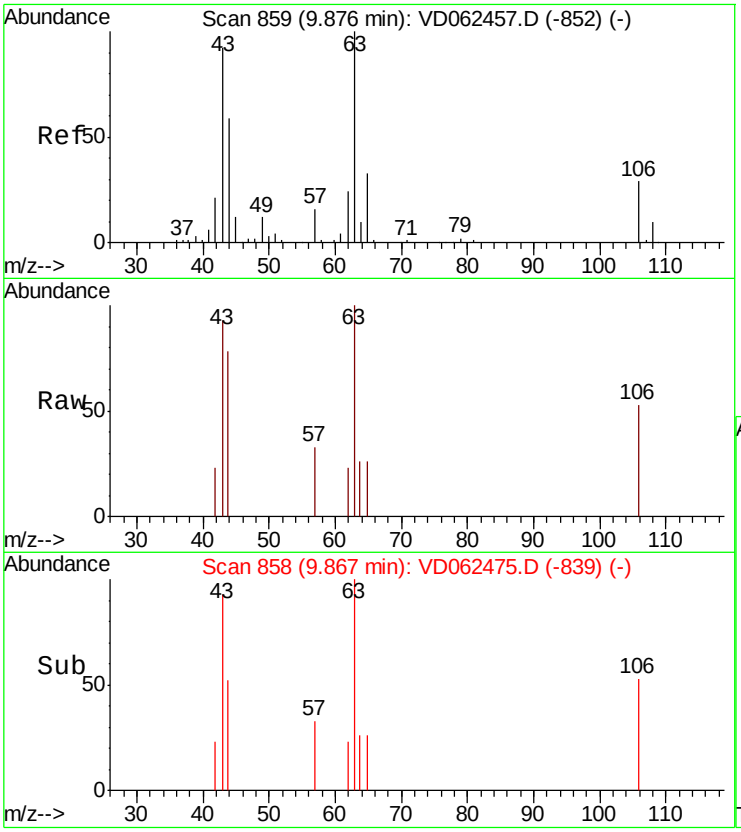


#50
Toluene-d8
Concen: 58.281 ug/l
RT: 10.42 min Scan# 914
Delta R.T. -0.01 min
Lab File: VD062475.D
Acq: 21 May 2019 12:25

Tgt Ion: 98 Resp: 1246330

Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.8	80.8



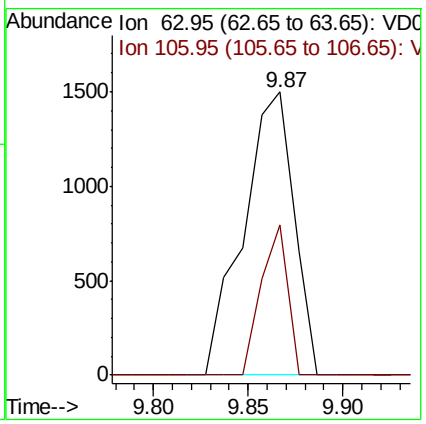


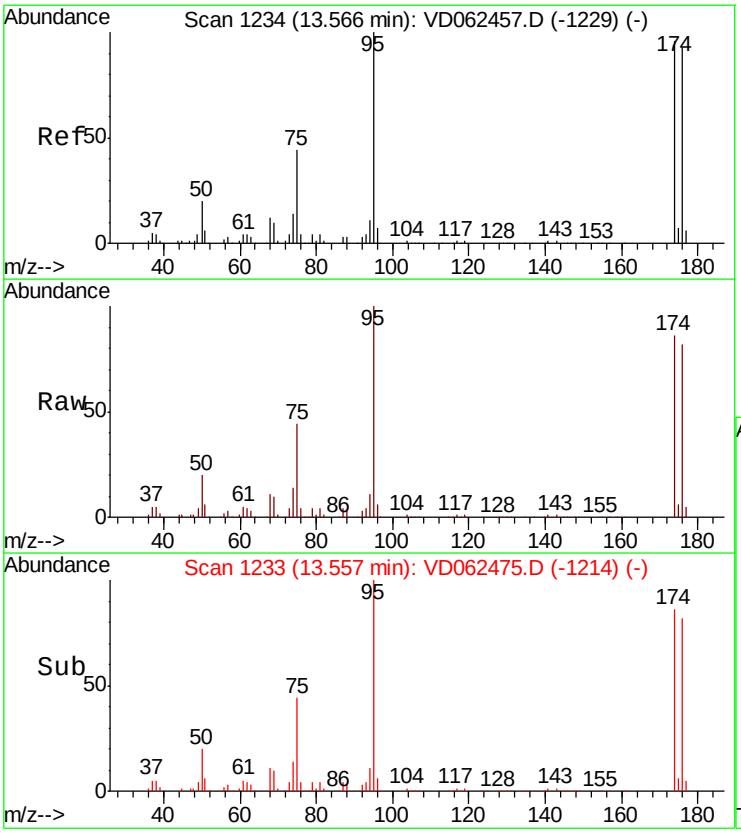
#58
2-Chloroethyl Vinyl ether
Concen: 1.078 ug/l
RT: 9.87 min Scan# 858
Delta R.T. -0.01 min
Lab File: VD062475.D
Acq: 21 May 2019 12:25

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 63 Resp: 2790

Ion	Ratio	Lower	Upper
63	100		
106	53.2	22.6	34.0#

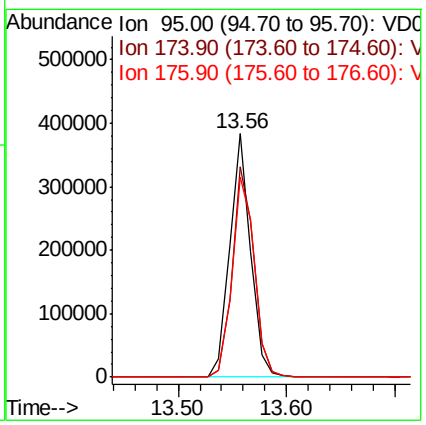


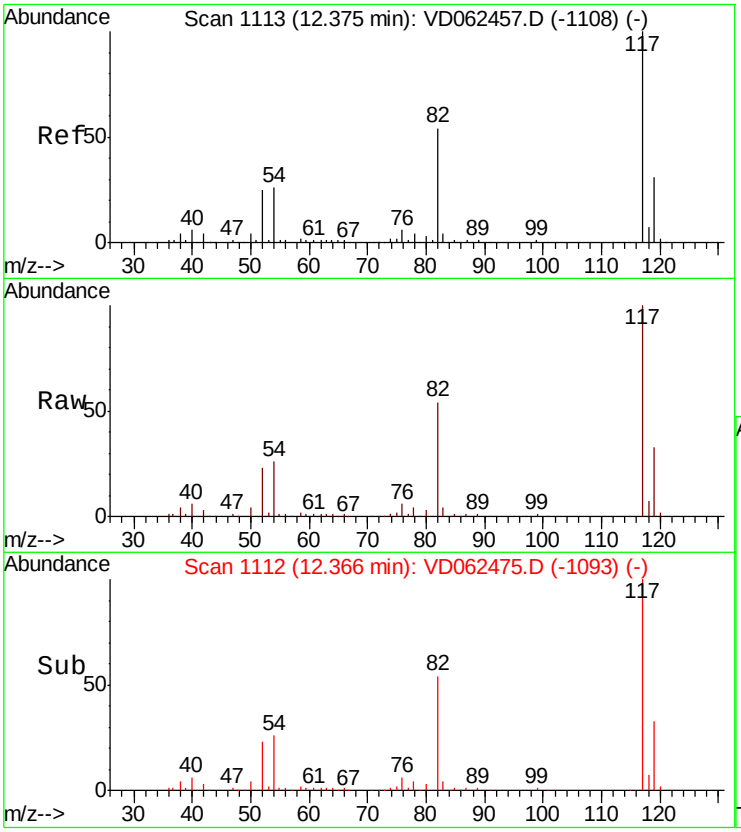


#62
4-Bromofluorobenzene
Concen: 54.747 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. -0.01 min
Lab File: VD062475.D
Acq: 21 May 2019 12:25

Tgt Ion: 95 Resp: 512131

Ion	Ratio	Lower	Upper
95	100		
174	86.3	0.0	181.8
176	82.3	0.0	174.4



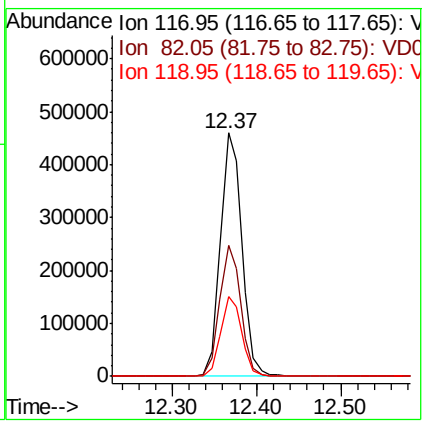


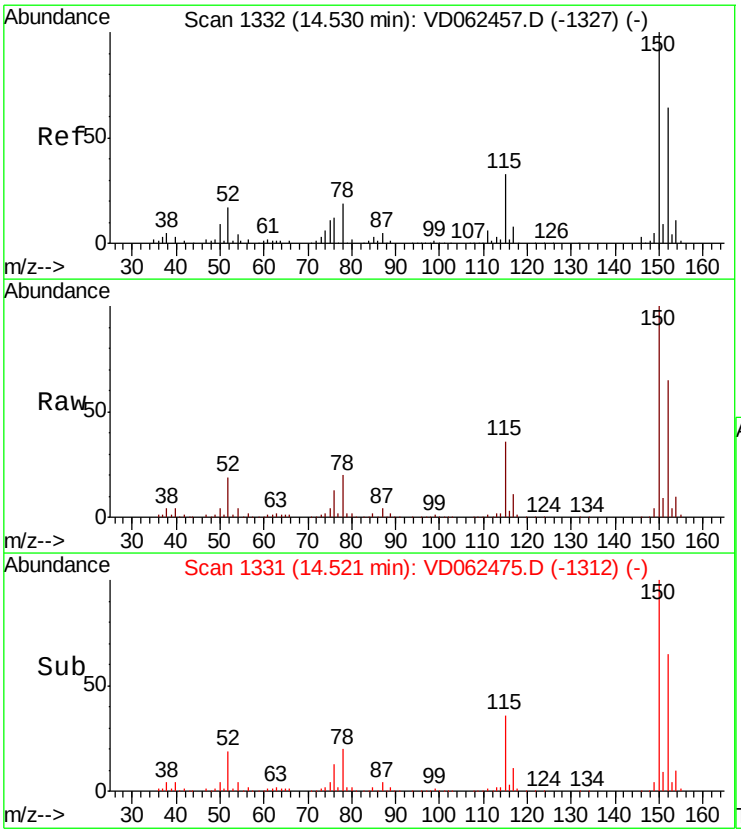
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VD062475.D
Acq: 21 May 2019 12:25

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 812142

Ion	Ratio	Lower	Upper
117	100		
82	53.9	36.2	54.2
119	32.7	26.2	39.4

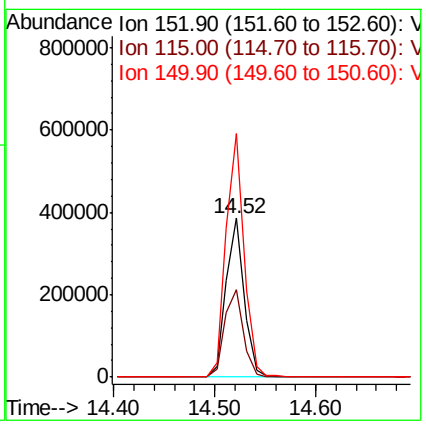


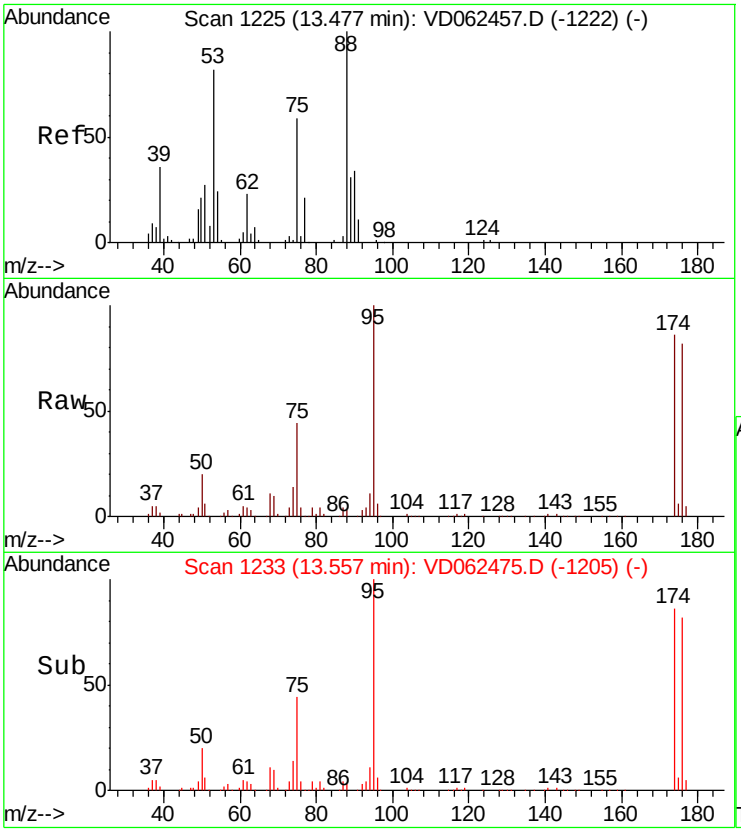


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. -0.01 min
Lab File: VD062475.D
Acq: 21 May 2019 12:25

Tgt Ion:152 Resp: 476200

Ion	Ratio	Lower	Upper
152	100		
115	55.4	30.9	92.7
150	153.5	0.0	314.8





#81
trans-1,4-Dichloro-2-butene
Concen: 140.974 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.08 min
Lab File: VD062475.D
Acq: 21 May 2019 12:25

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 223008

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