Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD052119\
Data File : VD062481.D
Acq On : 21 May 2019 15:16
Operator : VA/AP
Sample : K2943-06
Misc : 6.19g/5ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId :

Quant Time: May 22 01:44:10 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	477823	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	697141	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	569181	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	307045	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	206710	40.41	ug/l	0.00
Spiked Amount 50.000			Recovery = 80.82%			
35) Dibromofluoromethane	6.92	113	248194	39.46	ug/l	-0.02
Spiked Amount 50.000			Recovery = 78.92%			
50) Toluene-d8	10.41	98	495619	36.01	ug/l	-0.02
Spiked Amount 50.000			Recovery = 72.02%			
62) 4-Bromofluorobenzene	13.56	95	229648	38.14	ug/l	0.00
Spiked Amount 50.000			Recovery = 76.28%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.57	85	184	Below Cal	#	42
5) Bromomethane	2.16	94	2525	1.680	ug/l #	12
16) Acetone	3.22	43	115511	126.027	ug/l #	89
18) Methyl Acetate	3.65	43	3713	2.348	ug/l #	53
20) Methylene Chloride	3.82	84	4660	Below Cal	#	87
25) 2-Butanone	6.07	43	9761	10.182	ug/l	98
31) Cyclohexane	7.04	56	10365	2.146	ug/l #	12
36) 1,1-Dichloropropene	7.05	75	36234	5.436	ug/l #	46
38) Carbon Tetrachloride	7.04	117	47889	4.834	ug/l #	15
52) Toluene	10.51	92	19895	2.223	ug/l	92
58) 2-Chloroethyl Vinyl ether	9.86	63	9786	5.877	ug/l	100
81) trans-1,4-Dichloro-2-buten	13.56	75	97871	95.953	ug/l #	16

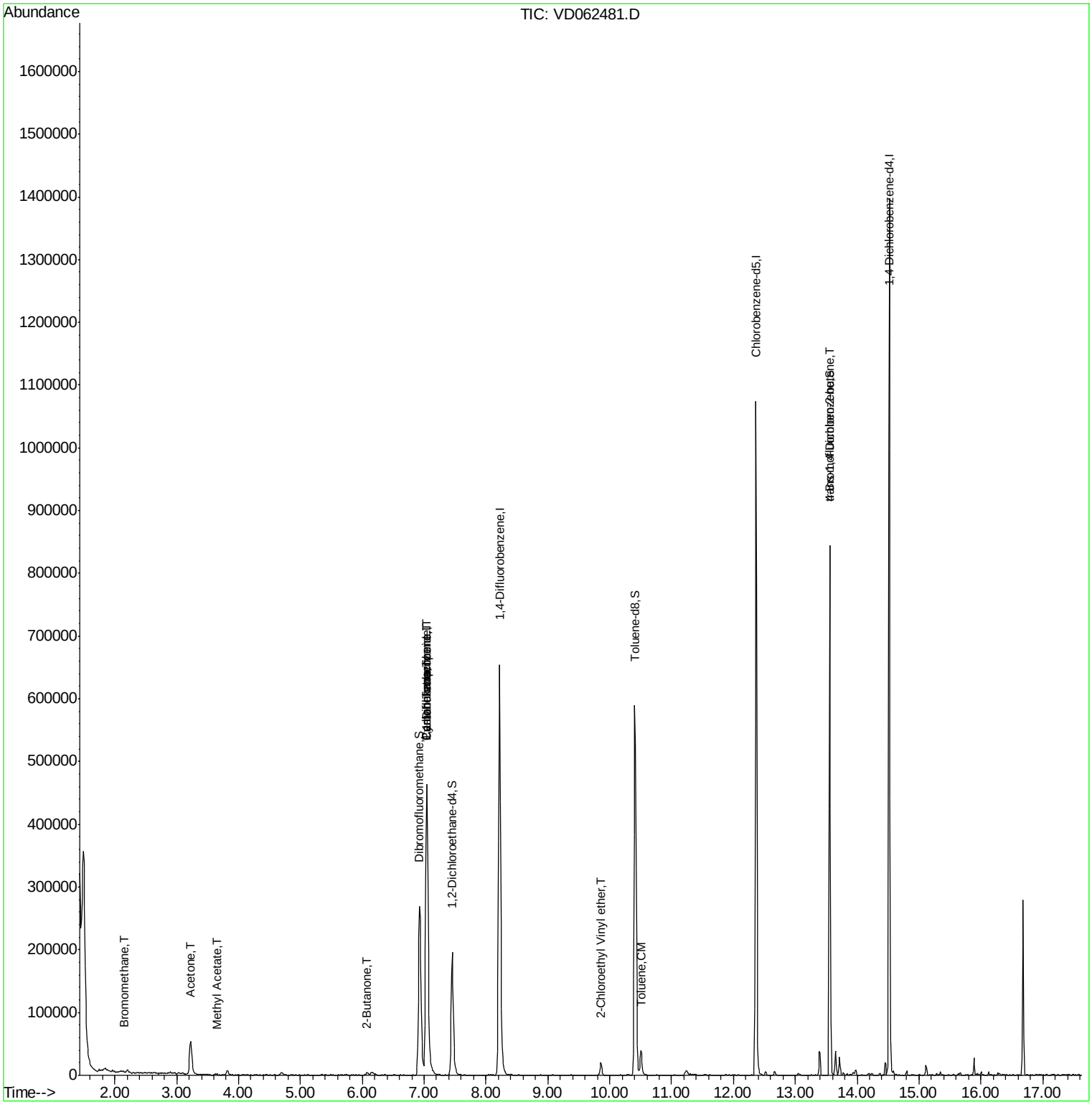
(#) = qualifier out of range (m) = manual integration (+) = signals summed

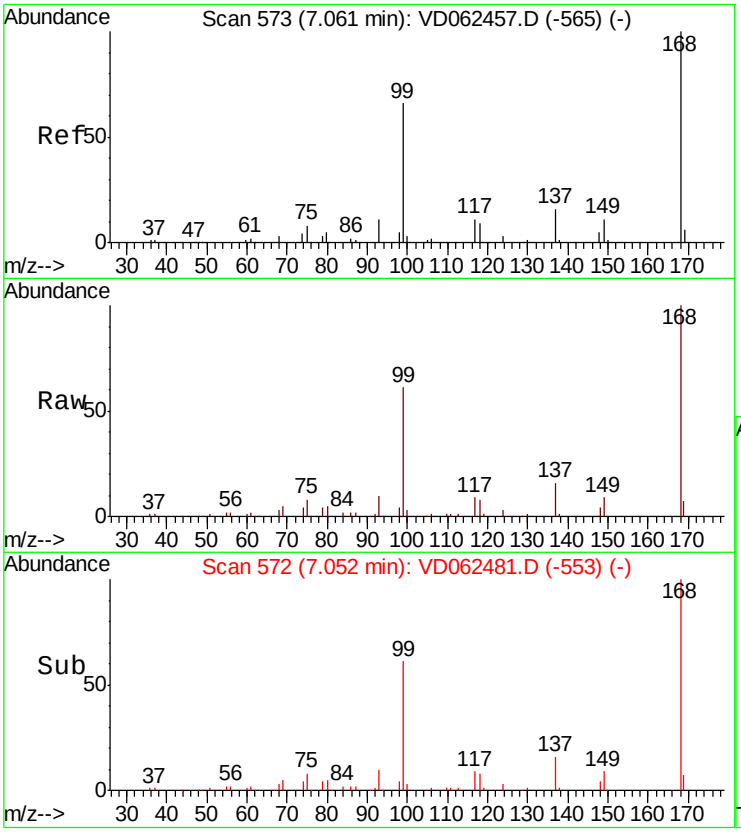
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD052119\
Data File : VD062481.D
Acq On : 21 May 2019 15:16
Operator : VA/AP
Sample : K2943-06
Misc : 6.19g/5ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: May 22 01:44:10 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



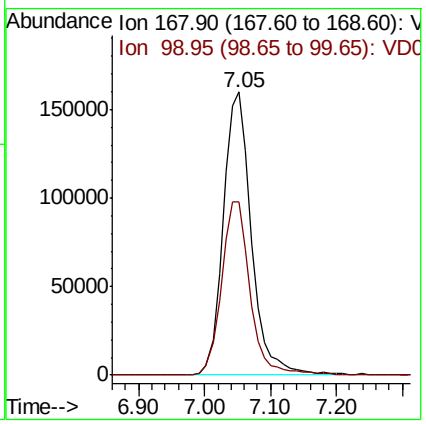


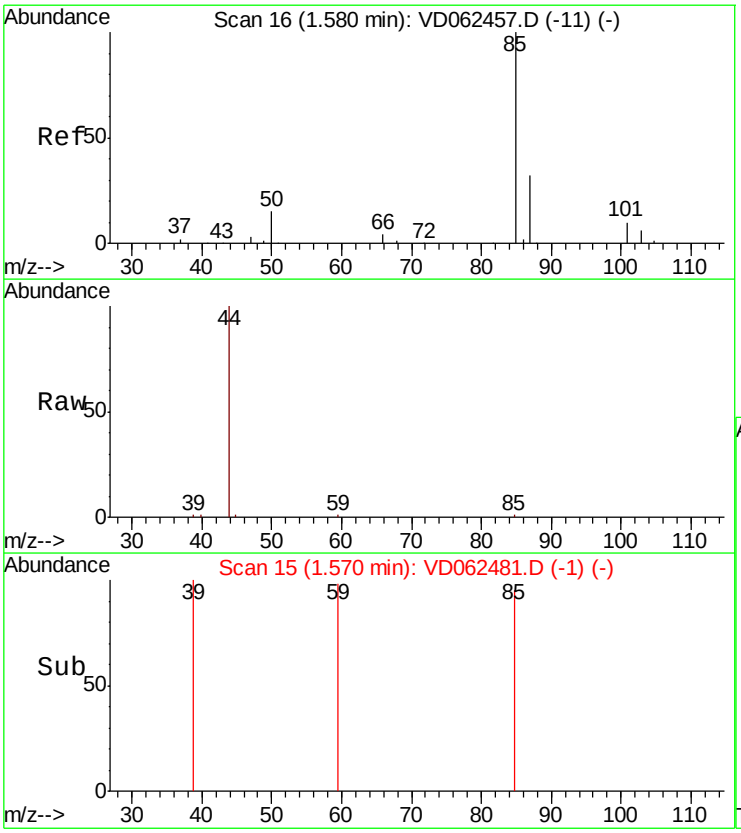
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.05 min Scan# 572
Delta R.T. -0.01 min
Lab File: VD062481.D
Acq: 21 May 2019 15:16

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 477823

Ion	Ratio	Lower	Upper
168	100		
99	61.1	46.5	69.7

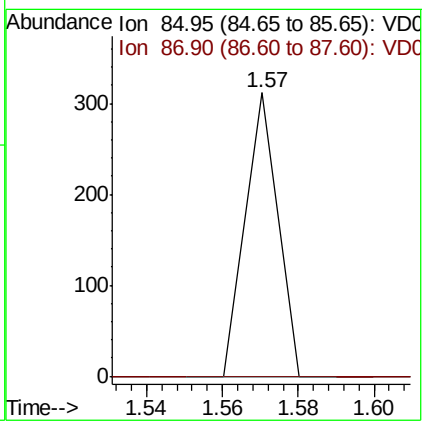


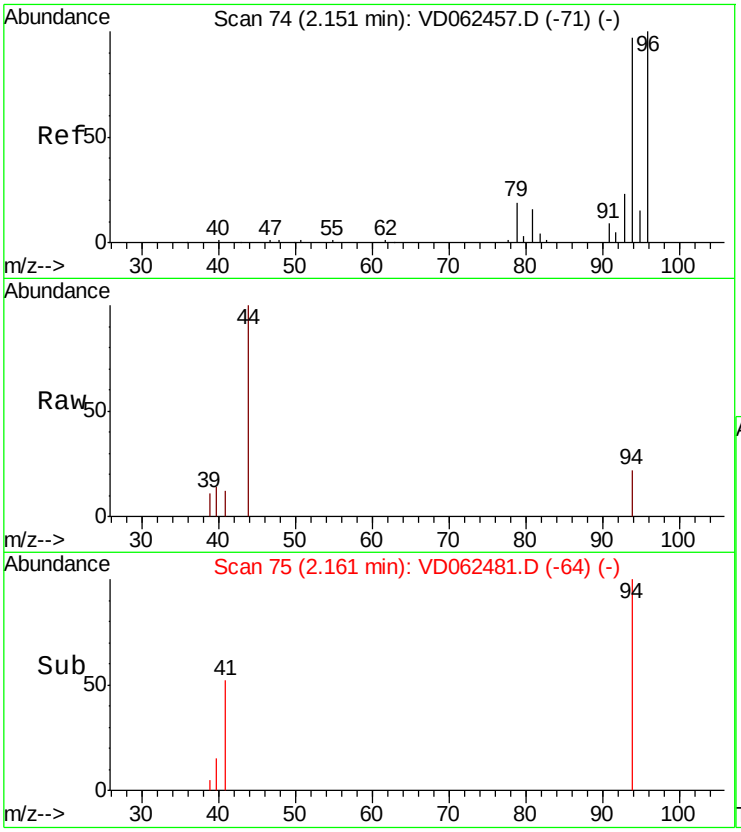


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.57 min Scan# 15
Delta R.T. -0.01 min
Lab File: VD062481.D
Acq: 21 May 2019 15:16

Tgt Ion: 85 Resp: 184

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.2	48.6#



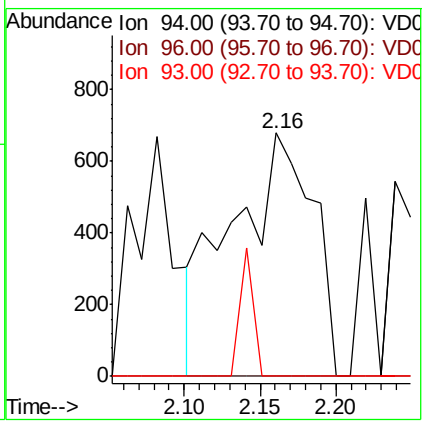


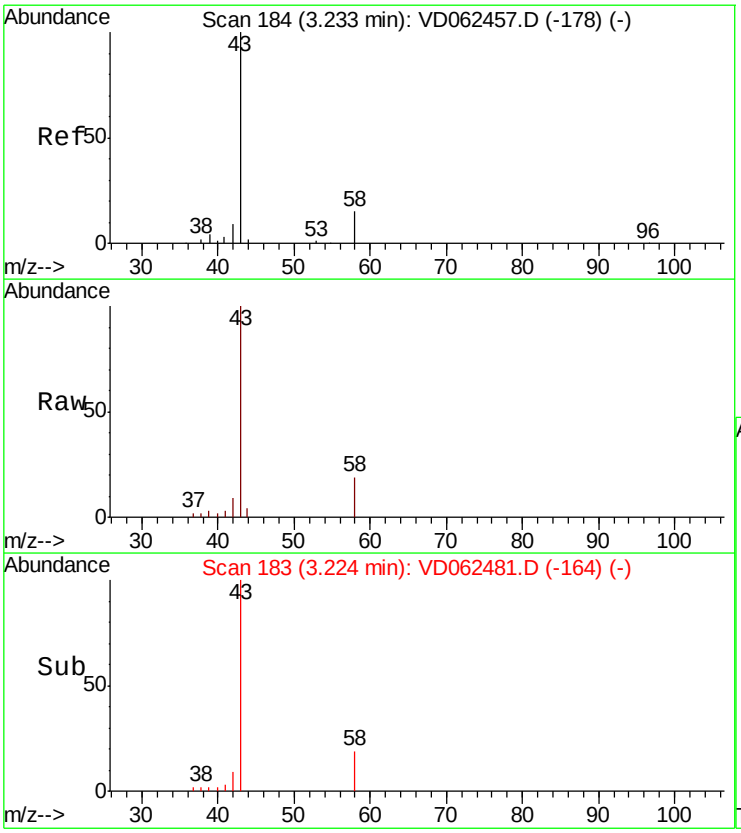
#5
Bromomethane
Concen: 1.680 ug/l
RT: 2.16 min Scan# 75
Delta R.T. 0.01 min
Lab File: VD062481.D
Acq: 21 May 2019 15:16

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 94 Resp: 2525

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

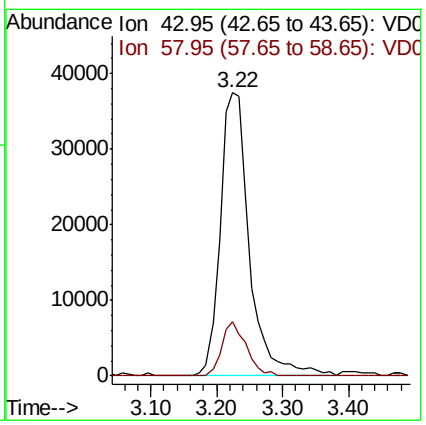


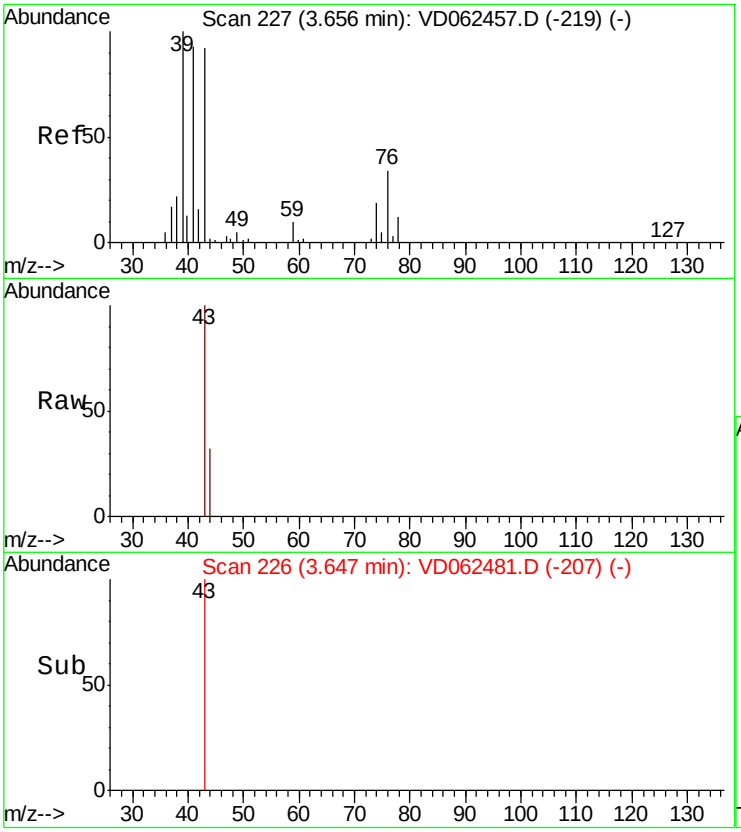


#16
Acetone
Concen: 126.027 ug/l
RT: 3.22 min Scan# 183
Delta R.T. -0.01 min
Lab File: VD062481.D
Acq: 21 May 2019 15:16

Tgt Ion: 43 Resp: 115511

Ion	Ratio	Lower	Upper
43	100		
58	19.2	19.9	29.9#



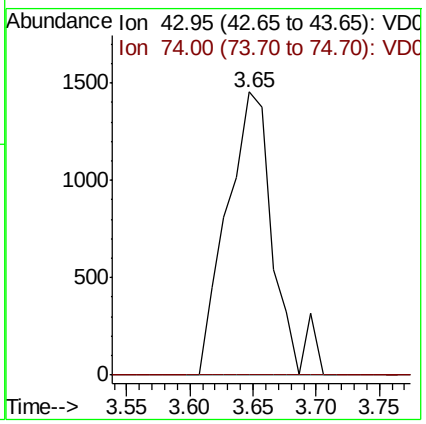


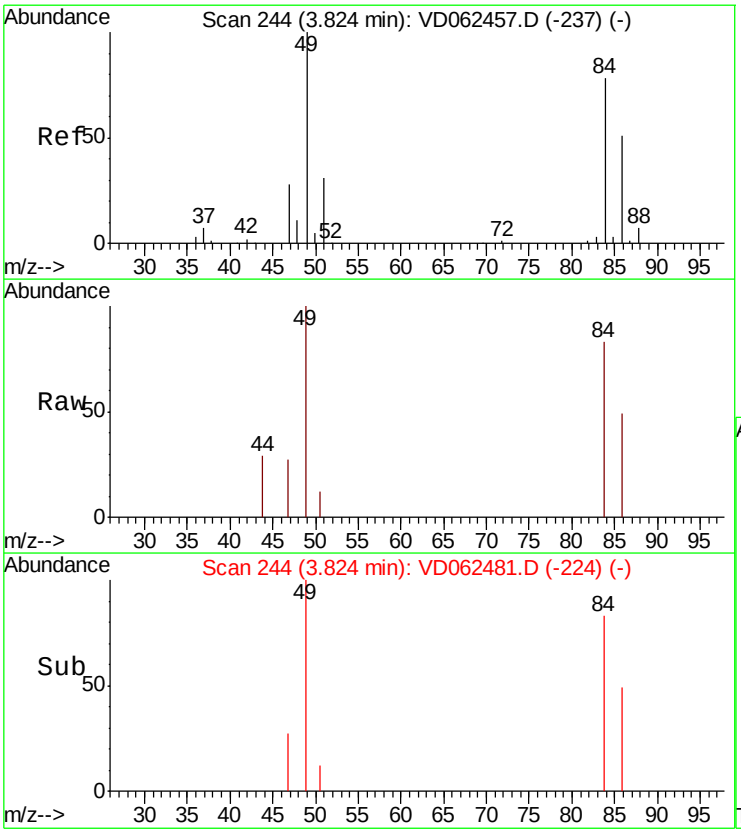
#18
Methyl Acetate
Concen: 2.348 ug/l
RT: 3.65 min Scan# 226
Delta R.T. -0.01 min
Lab File: VD062481.D
Acq: 21 May 2019 15:16

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 3713

Ion	Ratio	Lower	Upper
43	100		
74	0.0	18.0	27.0#

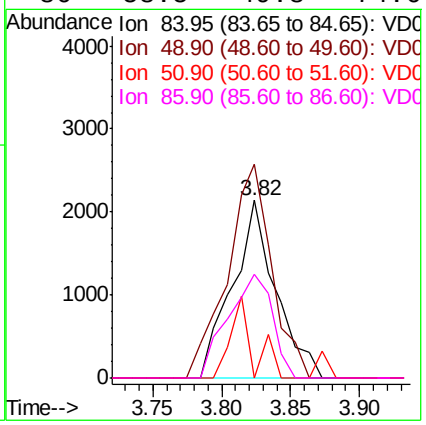


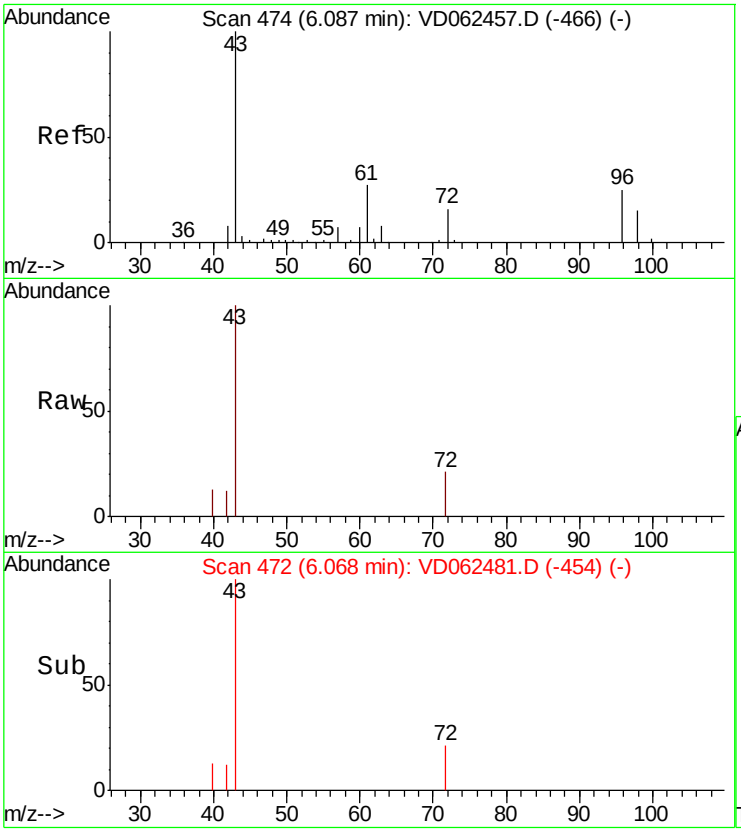


#20
Methylene Chloride
Concen: Below Cal
RT: 3.82 min Scan# 244
Delta R.T. 0.00 min
Lab File: VD062481.D
Acq: 21 May 2019 15:16

Tgt Ion: 84 Resp: 4660

Ion	Ratio	Lower	Upper
84	100		
49	120.2	94.0	141.0
51	0.0	29.0	43.4#
86	58.5	49.8	74.6



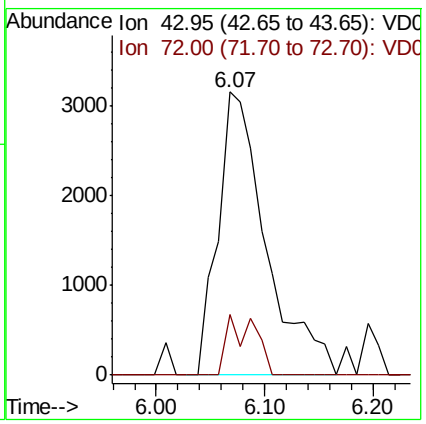


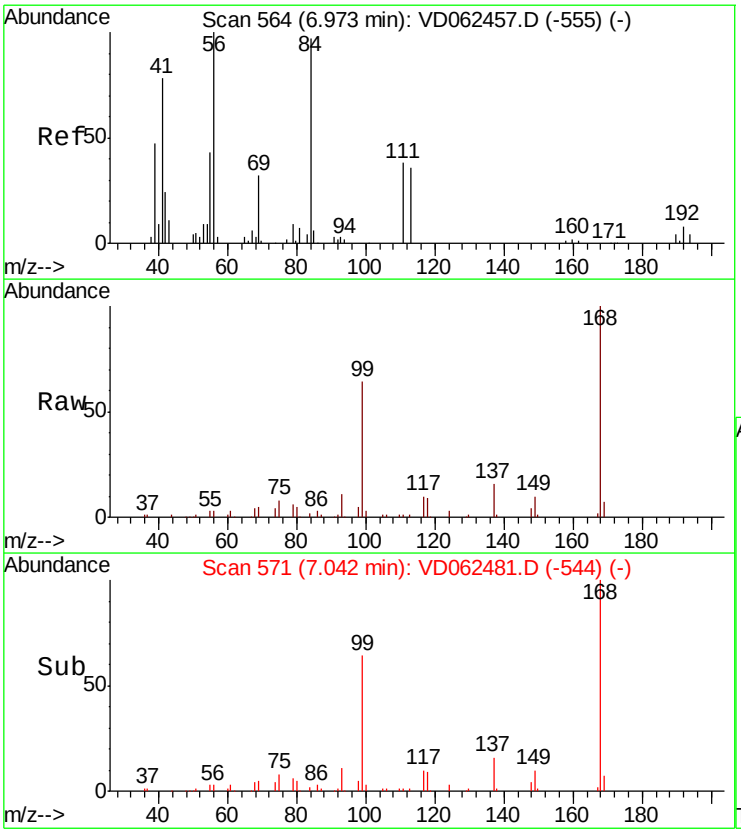
#25
2-Butanone
Concen: 10.182 ug/l
RT: 6.07 min Scan# 472
Delta R.T. -0.02 min
Lab File: VD062481.D
Acq: 21 May 2019 15:16

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 9761

Ion	Ratio	Lower	Upper
43	100		
72	21.3	16.2	24.4

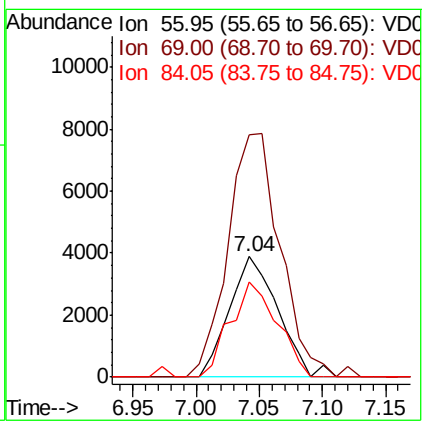


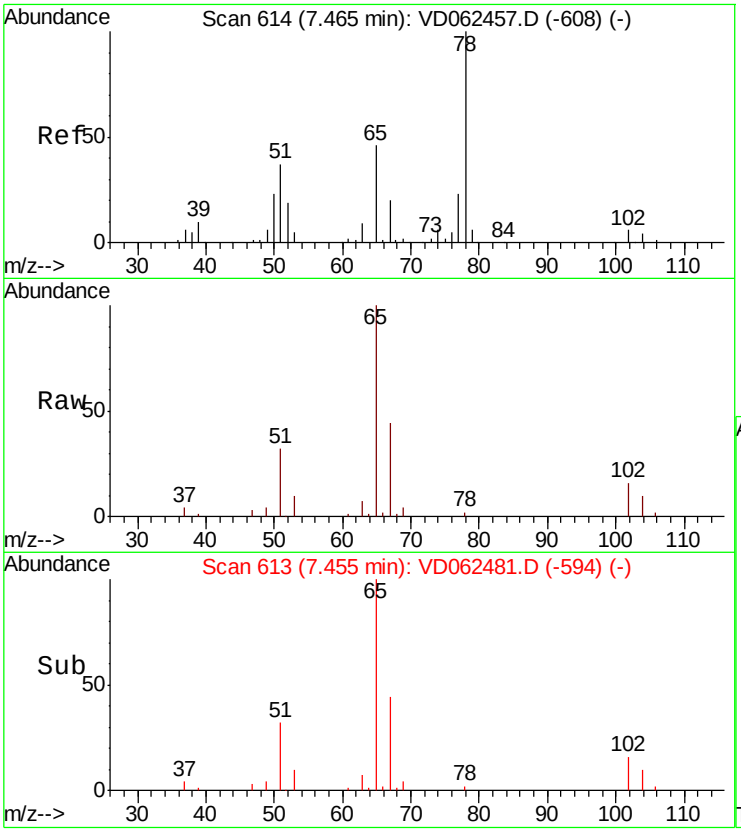


#31
Cyclohexane
Concen: 2.146 ug/l
RT: 7.04 min Scan# 571
Delta R.T. 0.07 min
Lab File: VD062481.D
Acq: 21 May 2019 15:16

Tgt Ion: 56 Resp: 10365

Ion	Ratio	Lower	Upper
56	100		
69	200.9	25.8	38.6#
84	78.7	72.2	108.4



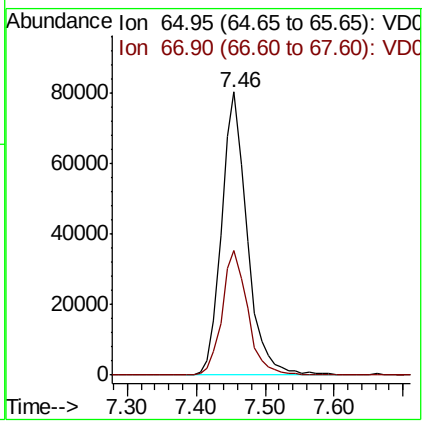


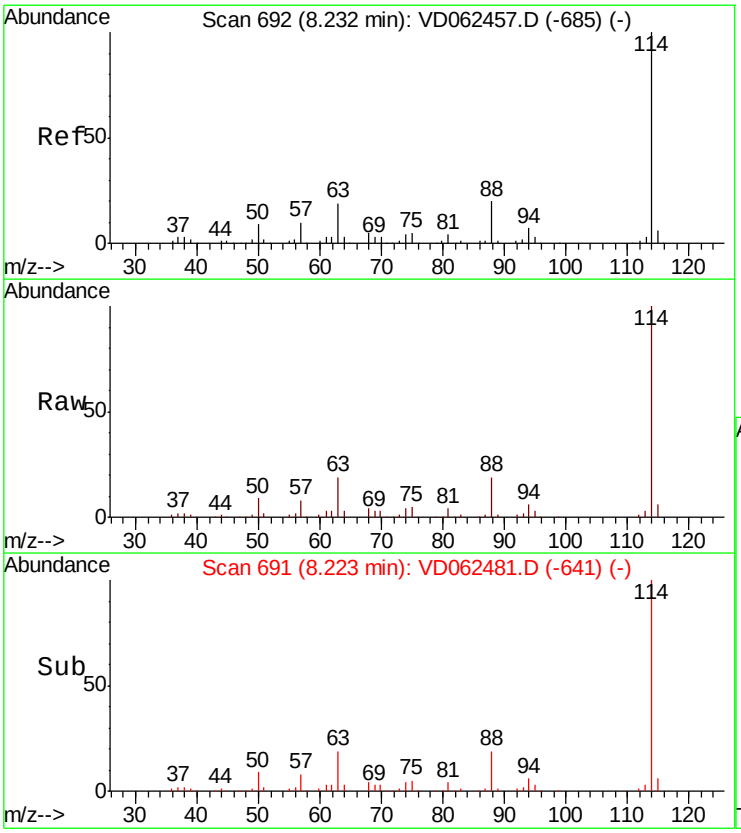
#33
1,2-Dichloroethane-d4
Concen: 40.414 ug/l
RT: 7.46 min Scan# 613
Delta R.T. -0.01 min
Lab File: VD062481.D
Acq: 21 May 2019 15:16

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 65 Resp: 206710

Ion	Ratio	Lower	Upper
65	100		
67	44.1	0.0	98.0

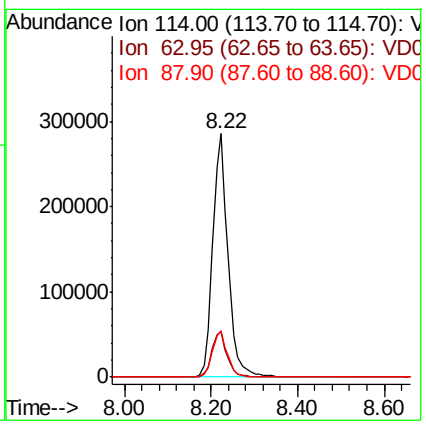


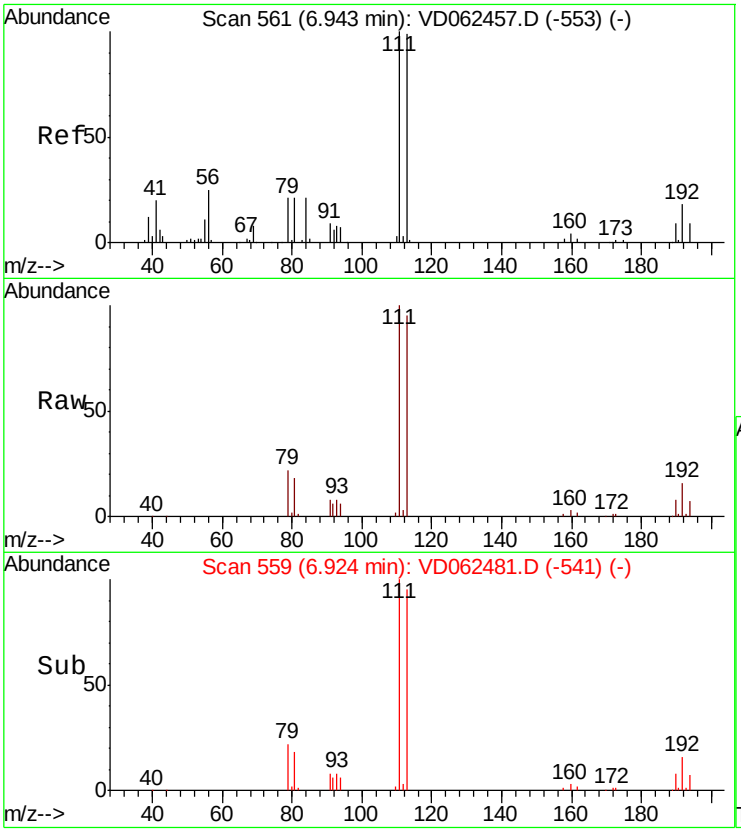


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.22 min Scan# 691
Delta R.T. -0.01 min
Lab File: VD062481.D
Acq: 21 May 2019 15:16

Tgt Ion:114 Resp: 697141

Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	32.4
88	18.8	0.0	33.6



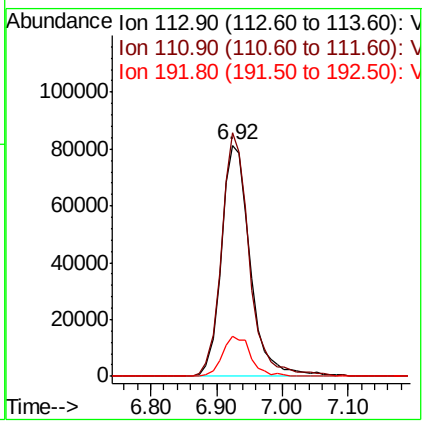


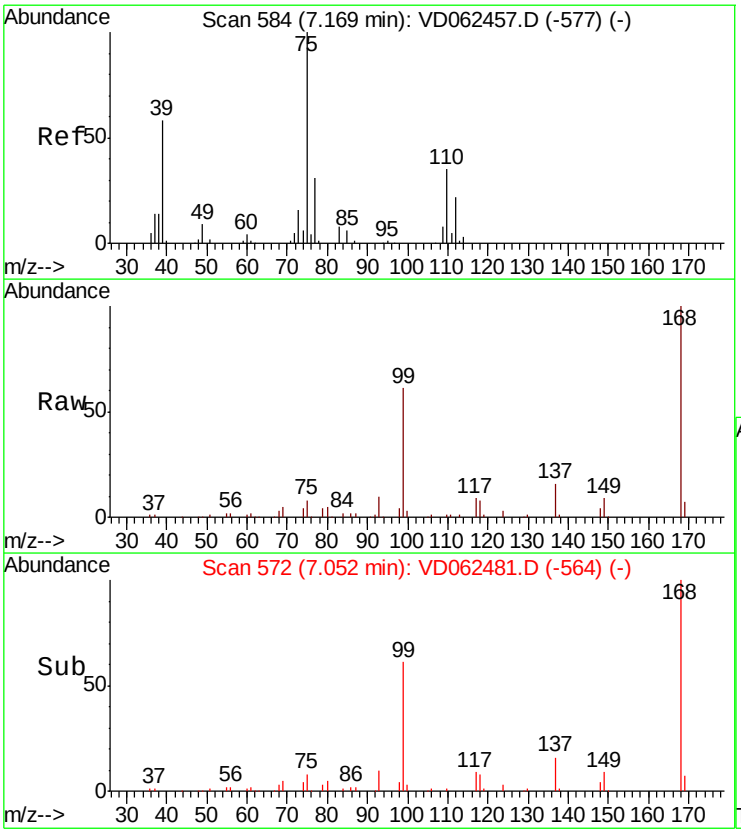
#35
Dibromofluoromethane
Concen: 39.464 ug/l
RT: 6.92 min Scan# 559
Delta R.T. -0.02 min
Lab File: VD062481.D
Acq: 21 May 2019 15:16

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:113 Resp: 248194

Ion	Ratio	Lower	Upper
113	100		
111	105.5	78.5	117.7
192	17.3	13.0	19.4

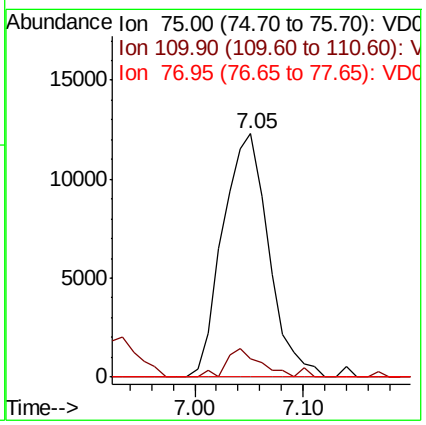


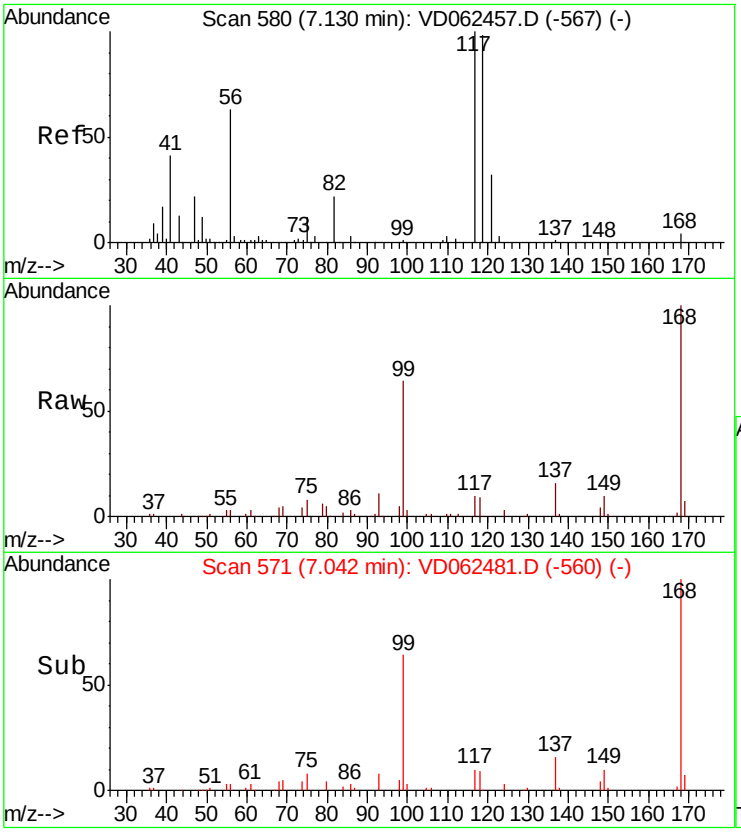


#36
1,1-Dichloropropene
Concen: 5.436 ug/l
RT: 7.05 min Scan# 572
Delta R.T. -0.12 min
Lab File: VD062481.D
Acq: 21 May 2019 15:16

Tgt Ion: 75 Resp: 36234

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



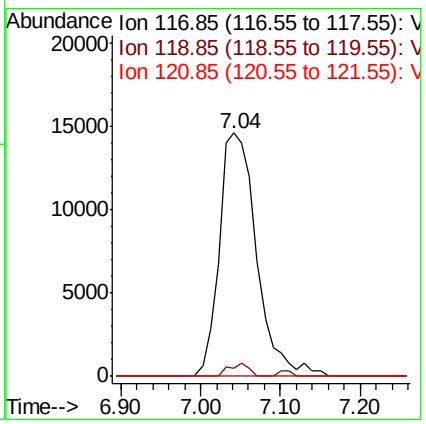


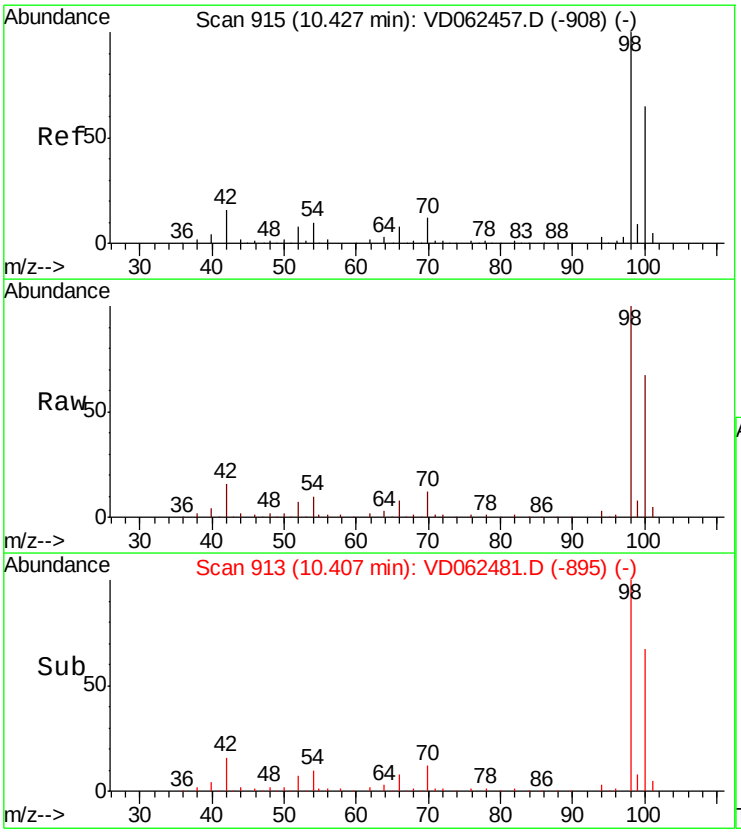
#38
Carbon Tetrachloride
Concen: 4.834 ug/l
RT: 7.04 min Scan# 571
Delta R.T. -0.09 min
Lab File: VD062481.D
Acq: 21 May 2019 15:16

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 47889

Ion	Ratio	Lower	Upper
117	100		
119	3.5	75.8	113.8#
121	0.0	25.9	38.9#

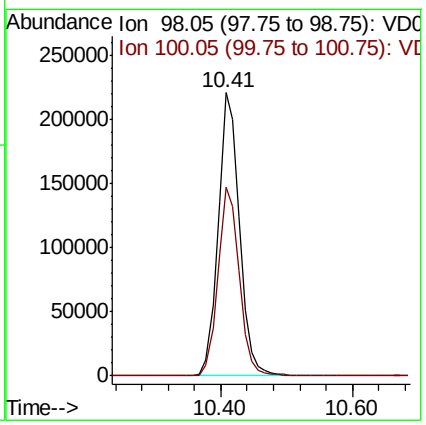


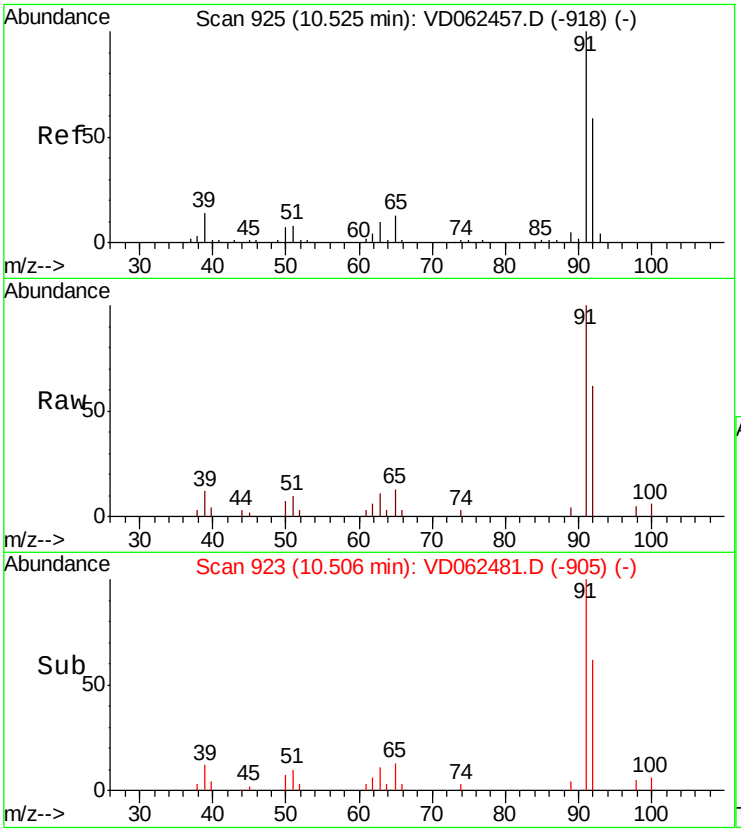


#50
Toluene-d8
Concen: 36.011 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.02 min
Lab File: VD062481.D
Acq: 21 May 2019 15:16

Tgt Ion: 98 Resp: 495619

Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.8	80.8



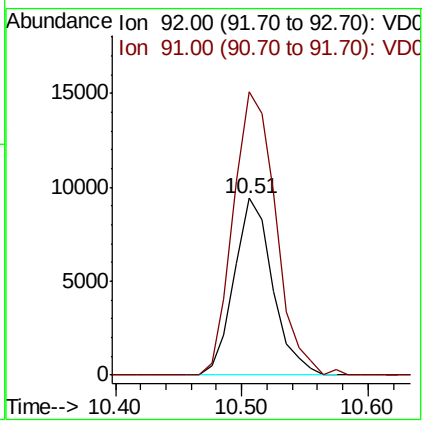


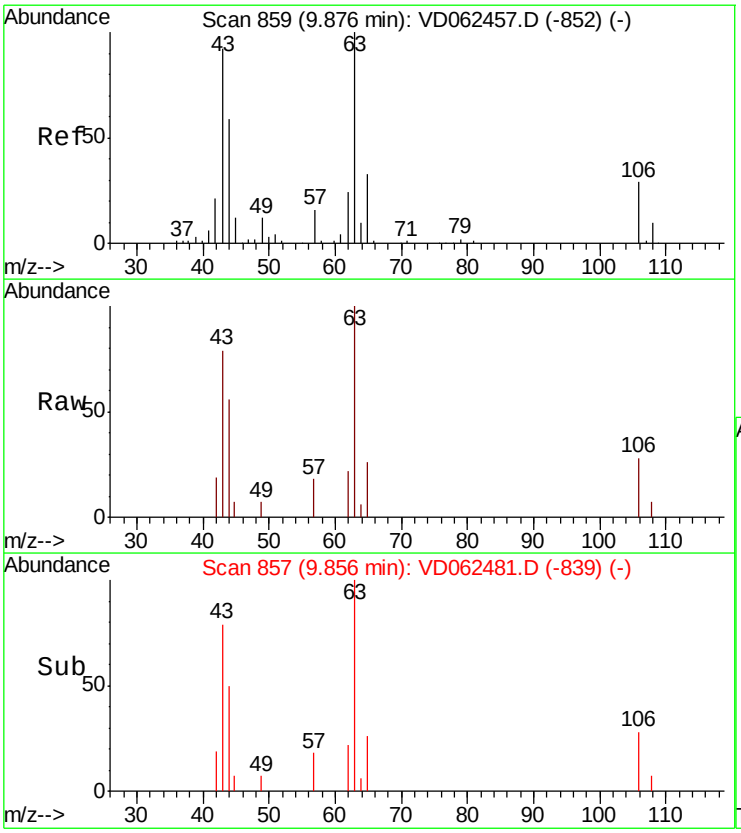
#52
Toluene
Concen: 2.223 ug/l
RT: 10.51 min Scan# 923
Delta R.T. -0.02 min
Lab File: VD062481.D
Acq: 21 May 2019 15:16

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion: 92 Resp: 19895

Ion	Ratio	Lower	Upper
92	100		
91	160.3	136.6	204.8

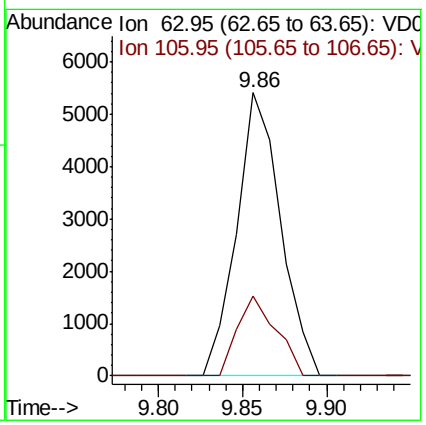


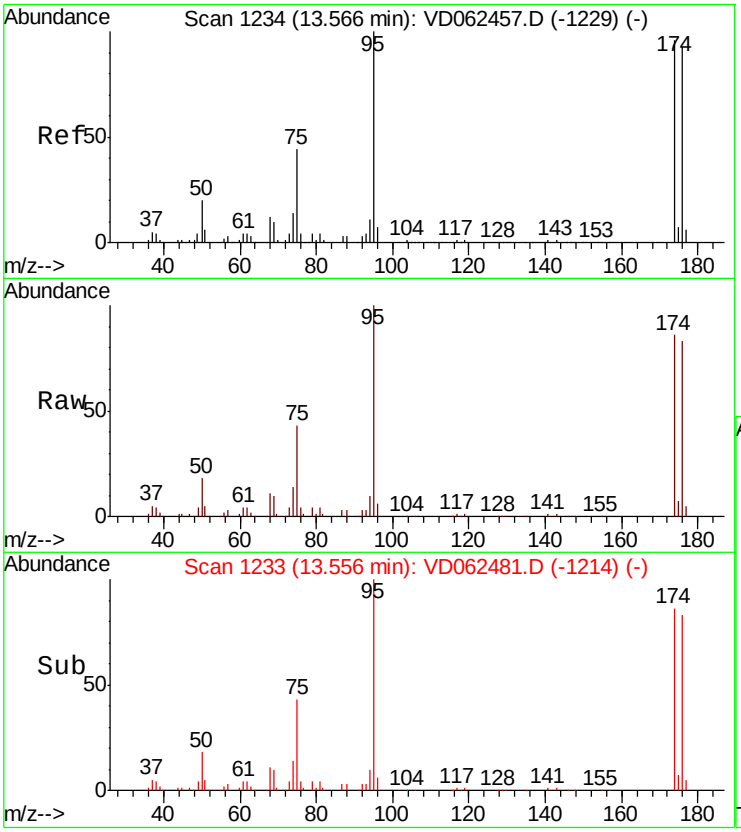


#58
2-Chloroethyl Vinyl ether
Concen: 5.877 ug/l
RT: 9.86 min Scan# 857
Delta R.T. -0.02 min
Lab File: VD062481.D
Acq: 21 May 2019 15:16

Tgt Ion: 63 Resp: 9786

Ion	Ratio	Lower	Upper
63	100		
106	28.4	22.6	34.0



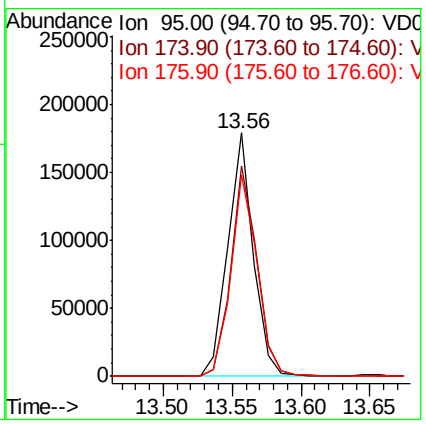


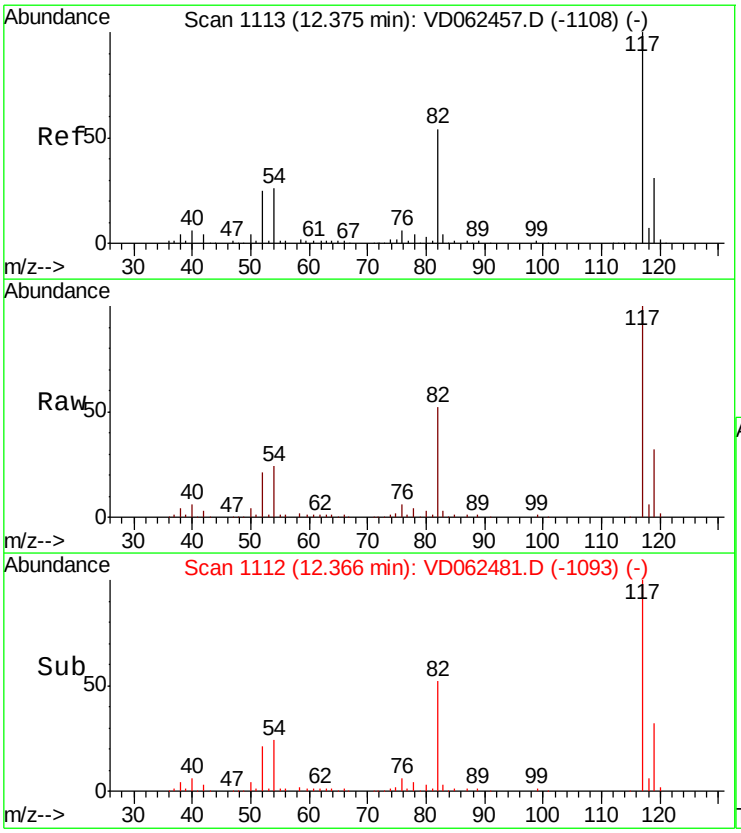
#62
4-Bromofluorobenzene
Concen: 38.145 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. -0.01 min
Lab File: VD062481.D
Acq: 21 May 2019 15:16

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 95 Resp: 229648

Ion	Ratio	Lower	Upper
95	100		
174	86.4	0.0	181.8
176	82.9	0.0	174.4

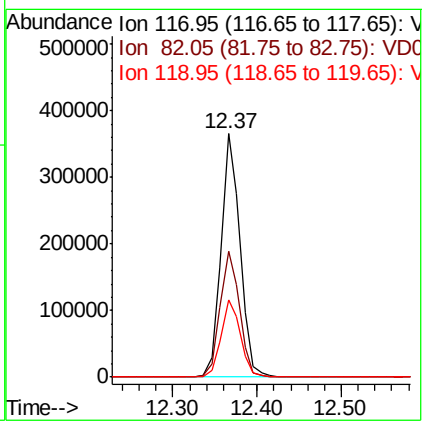


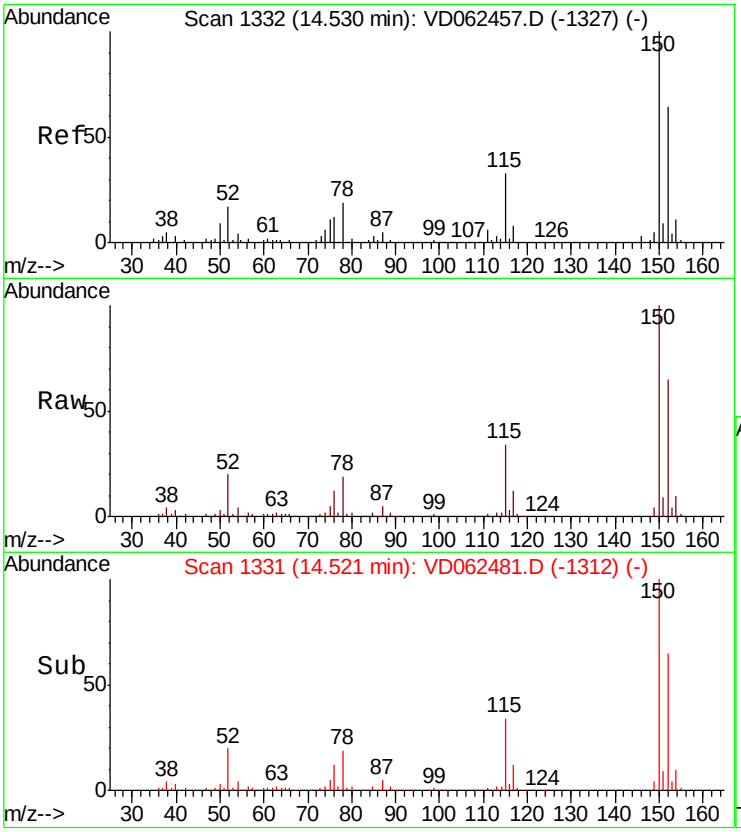


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VD062481.D
Acq: 21 May 2019 15:16

Tgt Ion:117 Resp: 569181

Ion	Ratio	Lower	Upper
117	100		
82	51.6	36.2	54.2
119	31.5	26.2	39.4



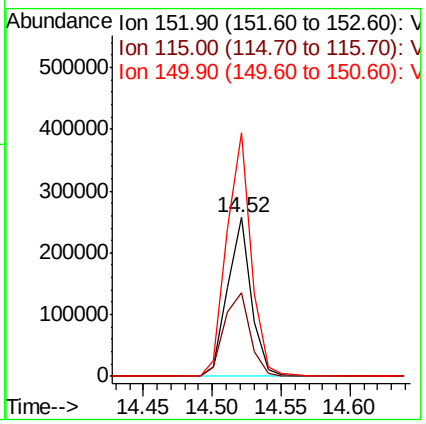


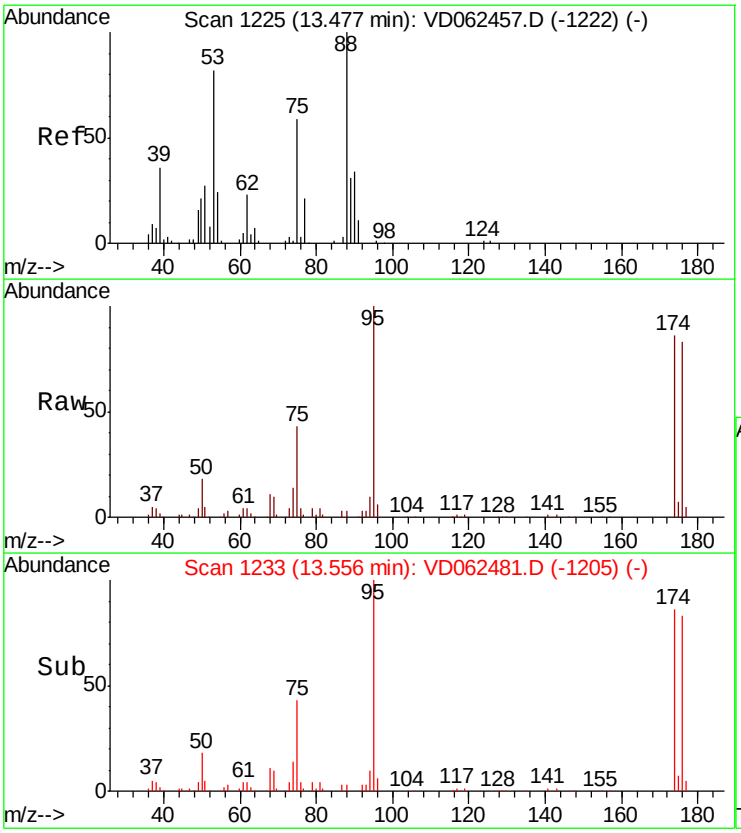
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. -0.01 min
Lab File: VD062481.D
Acq: 21 May 2019 15:16

Instrument : MSVOA_D
ClientSampleId :

Tgt Ion:152 Resp: 307045

Ion	Ratio	Lower	Upper
152	100		
115	52.4	30.9	92.7
150	153.6	0.0	314.8





#81
trans-1,4-Dichloro-2-butene
Concen: 95.953 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.08 min
Lab File: VD062481.D
Acq: 21 May 2019 15:16

Tgt Ion: 75 Resp: 97871

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