Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD062519\
Data File : VD062903.D
Acq On : 26 Jun 2019 4:51
Operator : VA/AP
Sample : K3528-09
Misc : 5.07g/5ml/MSVOA_D/SOIL
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : SB-10-9.5-10.0

Quant Time: Jun 26 05:39:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 01:50:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	461727	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	671436	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	637917	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	359195	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	331497	66.05	ug/l	0.00
Spiked Amount 50.000			Recovery = 132.10%			
35) Dibromofluoromethane	6.92	113	316212	55.85	ug/l	0.00
Spiked Amount 50.000			Recovery = 111.70%			
50) Toluene-d8	10.42	98	592443	48.08	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.16%			
62) 4-Bromofluorobenzene	13.56	95	310697	55.45	ug/l	0.00
Spiked Amount 50.000			Recovery = 110.90%			
Target Compounds						Qvalue
5) Bromomethane	2.18	94	2683	1.286	ug/l #	13
13) Acrolein	2.98	56	291	1.247	ug/l #	15
16) Acetone	3.21	43	2176	Below Cal	#	64
20) Methylene Chloride	3.82	84	8690	2.270	ug/l #	71
25) 2-Butanone	6.17	43	4201	4.475	ug/l #	64
29) Tetrahydrofuran	6.16	42	945	2.128	ug/l #	33
31) Cyclohexane	7.05	56	11811	2.506	ug/l #	5
36) 1,1-Dichloropropene	7.05	75	39110	6.153	ug/l #	56
38) Carbon Tetrachloride	7.05	117	44890	4.696	ug/l #	15
49) 1,4-Dioxane	8.65	88	261	13.248	ug/l #	29
81) trans-1,4-Dichloro-2-buten	13.56	75	153551	141.291	ug/l #	2

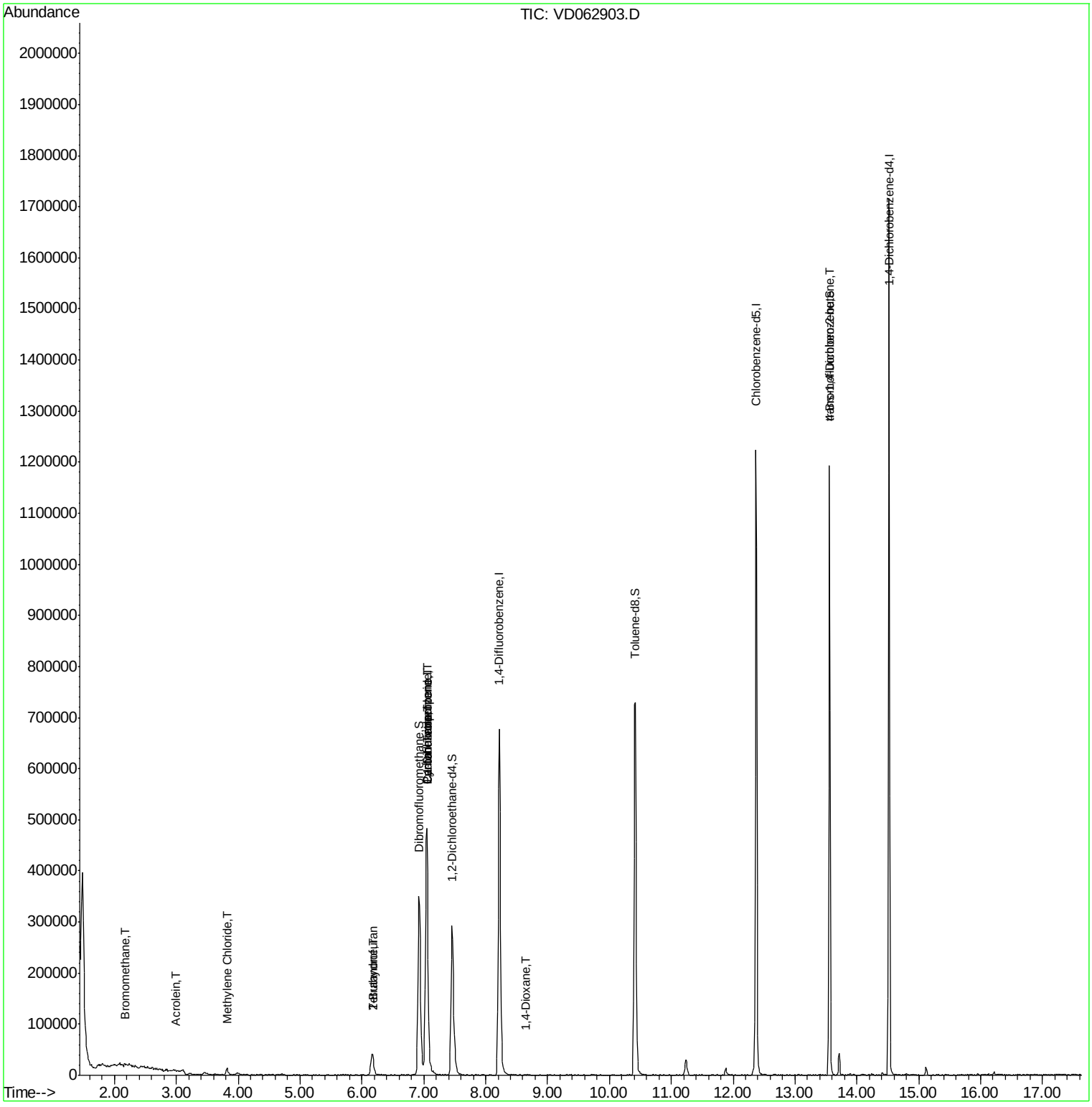
(#) = qualifier out of range (m) = manual integration (+) = signals summed

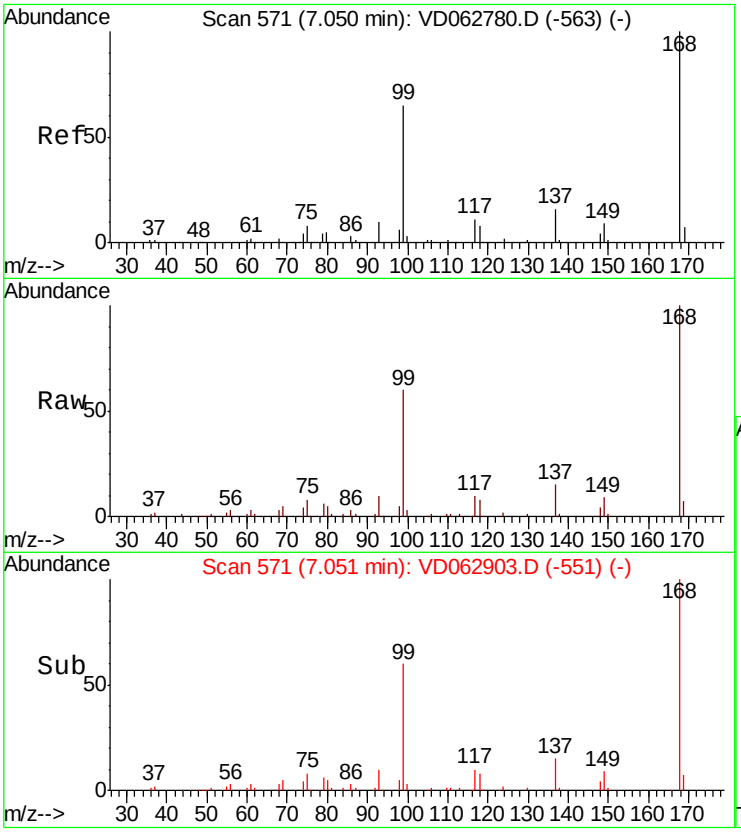
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062519\
Data File : VD062903.D
Acq On : 26 Jun 2019 4:51
Operator : VA/AP
Sample : K3528-09
Misc : 5.07g/5ml/MSVOA D/SOIL
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-10-9.5-10.0

Quant Time: Jun 26 05:39:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 01:50:56 2019
Response via : Initial Calibration



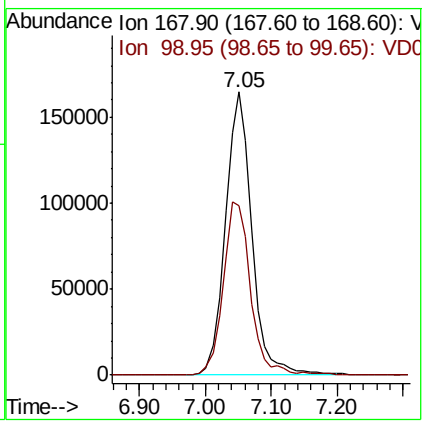


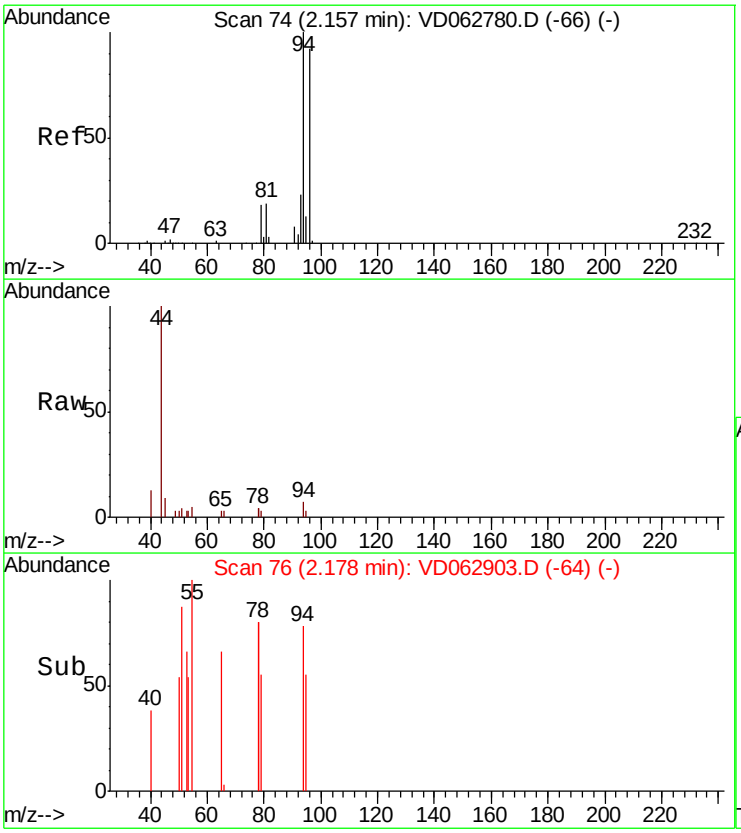
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.05 min Scan# 571
Delta R.T. 0.00 min
Lab File: VD062903.D
Acq: 26 Jun 2019 4:51

Instrument :
MSVOA_D
ClientSampleId :
SB-10-9.5-10.0

Tgt Ion:168 Resp: 461727

Ion	Ratio	Lower	Upper
168	100		
99	60.0	53.0	79.6

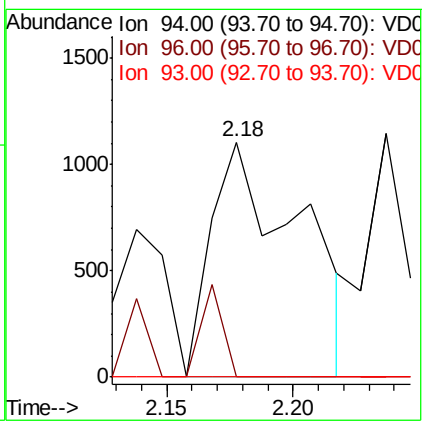


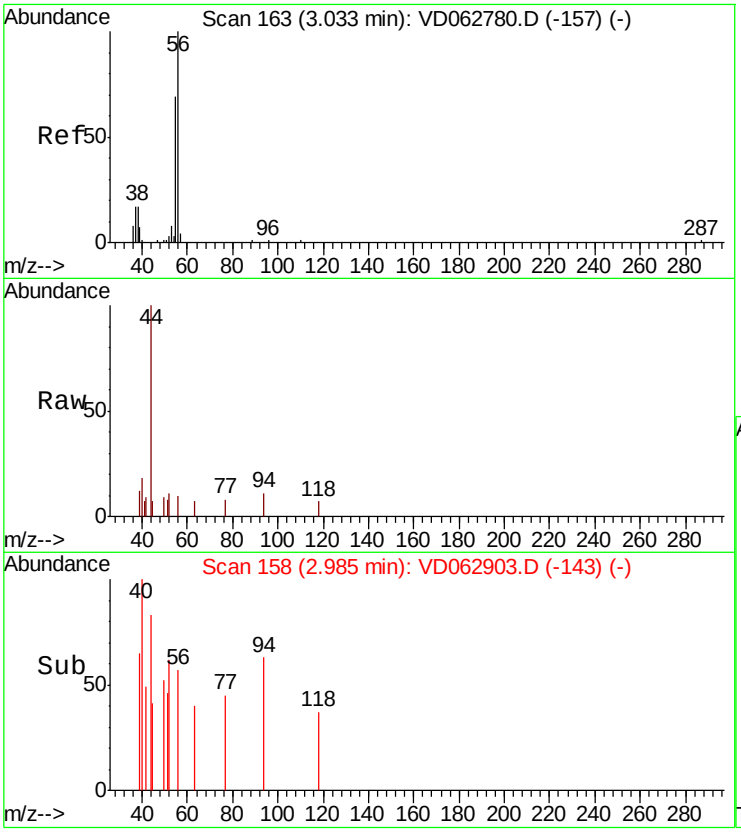


#5
Bromomethane
Concen: 1.286 ug/l
RT: 2.18 min Scan# 76
Delta R.T. 0.02 min
Lab File: VD062903.D
Acq: 26 Jun 2019 4:51

Tgt Ion: 94 Resp: 2683

Ion	Ratio	Lower	Upper
94	100		
96	0.0	73.4	110.2#
93	0.0	18.2	27.4#



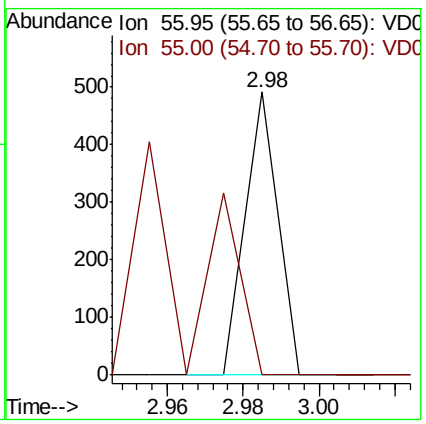


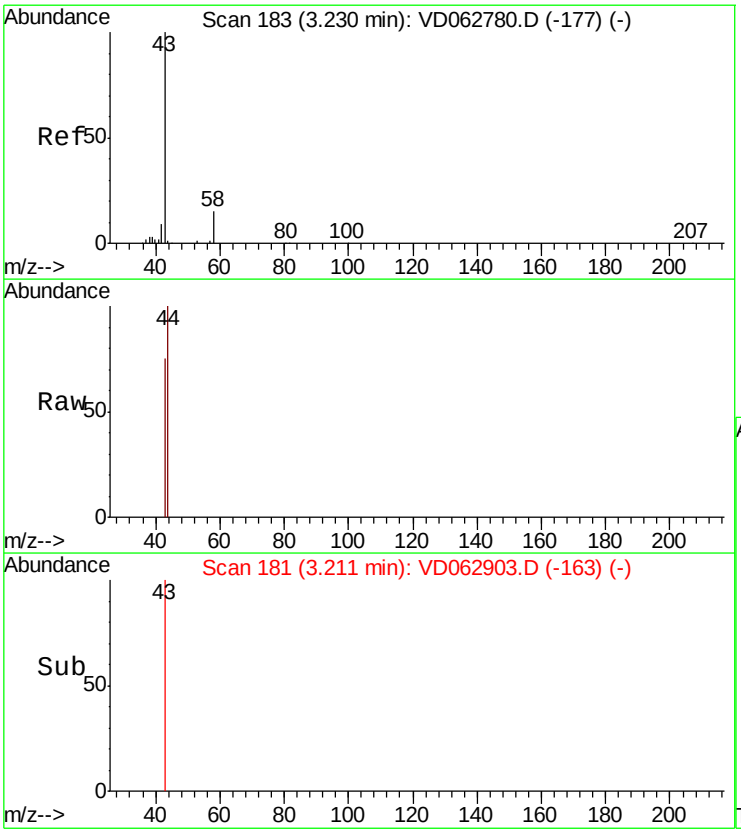
#13
Acrolein
Concen: 1.247 ug/l
RT: 2.98 min Scan# 158
Delta R.T. -0.05 min
Lab File: VD062903.D
Acq: 26 Jun 2019 4:51

Instrument : MSVOA_D
ClientSampleId : SB-10-9.5-10.0

Tgt Ion: 56 Resp: 291

Ion	Ratio	Lower	Upper
56	100		
55	0.0	55.4	83.0#

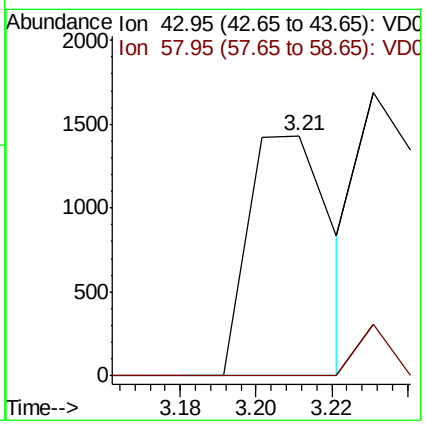


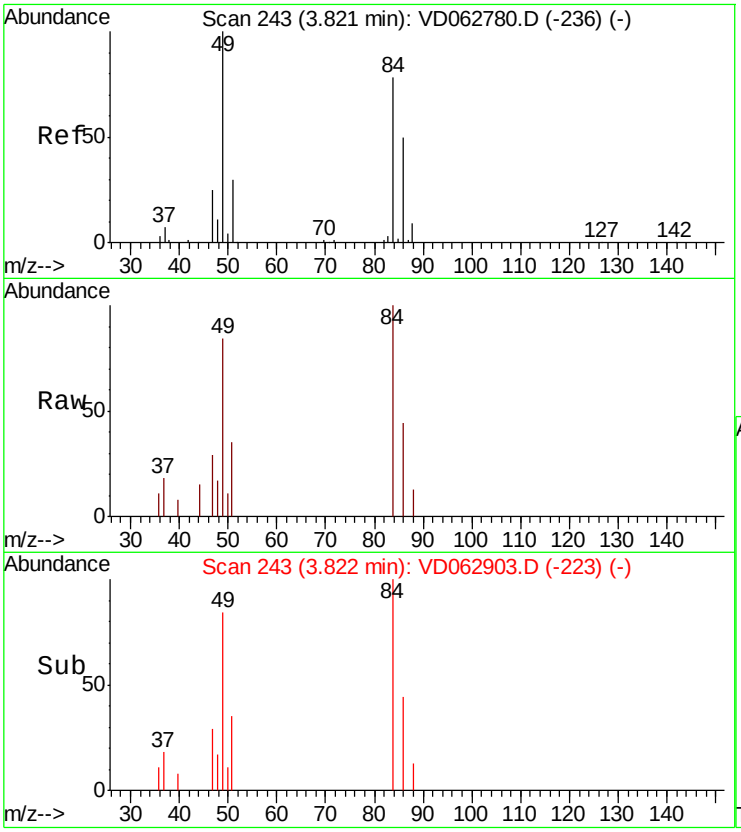


#16
Acetone
Concen: Below Cal
RT: 3.21 min Scan# 181
Delta R.T. -0.02 min
Lab File: VD062903.D
Acq: 26 Jun 2019 4:51

Tgt Ion: 43 Resp: 2176

Ion	Ratio	Lower	Upper
43	100		
58	0.0	11.9	17.9#



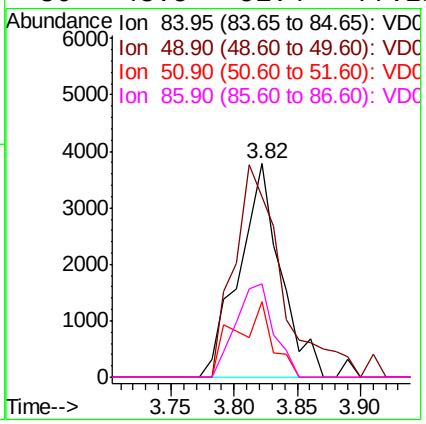


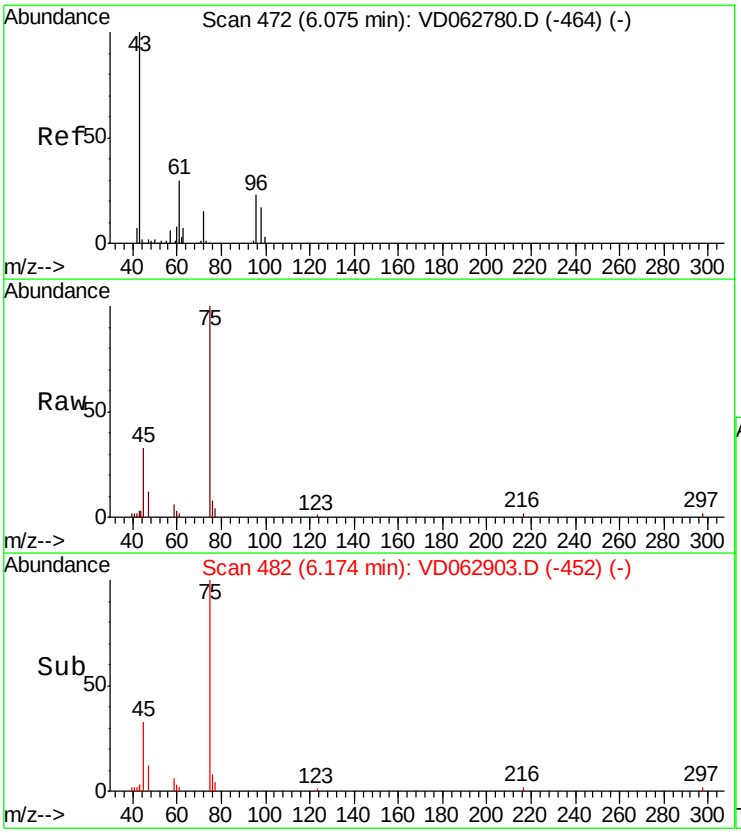
#20
Methylene Chloride
Concen: 2.270 ug/l
RT: 3.82 min Scan# 243
Delta R.T. 0.00 min
Lab File: VD062903.D
Acq: 26 Jun 2019 4:51

Instrument : MSVOA_D
ClientSampleId : SB-10-9.5-10.0

Tgt Ion: 84 Resp: 8690

Ion	Ratio	Lower	Upper
84	100		
49	84.5	102.9	154.3#
51	35.4	31.2	46.8
86	43.5	51.4	77.2#

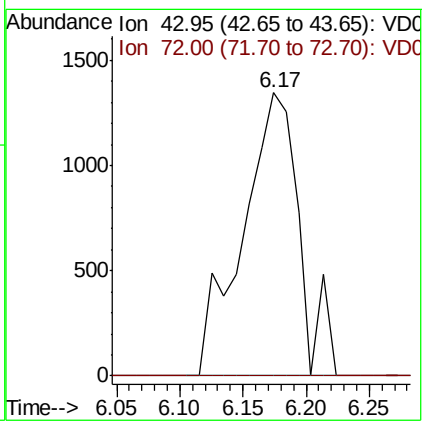


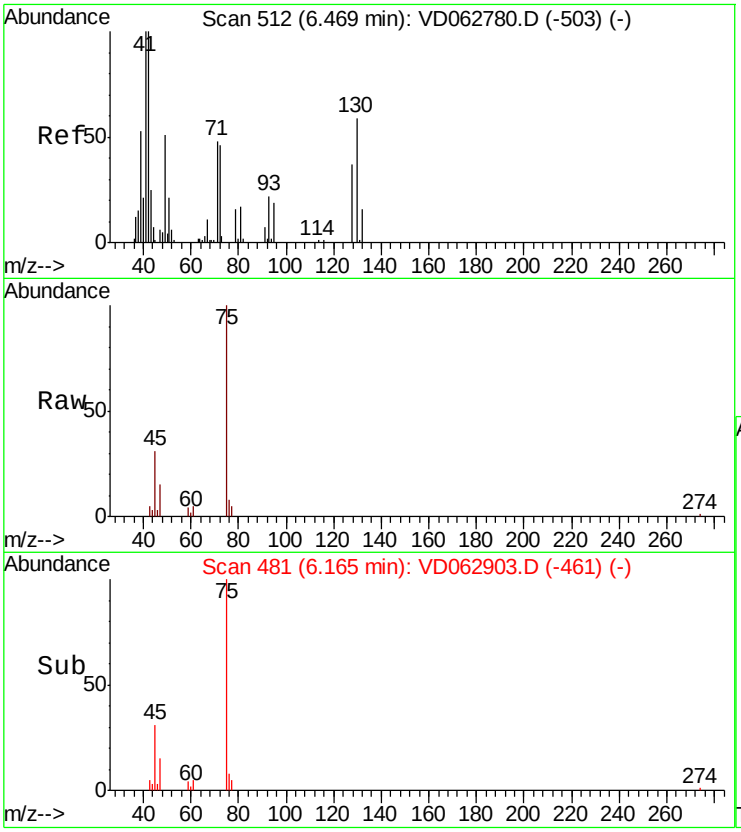


#25
2-Butanone
Concen: 4.475 ug/l
RT: 6.17 min Scan# 482
Delta R.T. 0.10 min
Lab File: VD062903.D
Acq: 26 Jun 2019 4:51

Tgt Ion: 43 Resp: 4201

Ion	Ratio	Lower	Upper
43	100		
72	0.0	11.9	17.9#



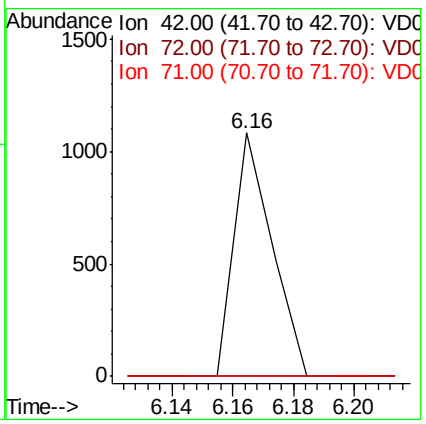


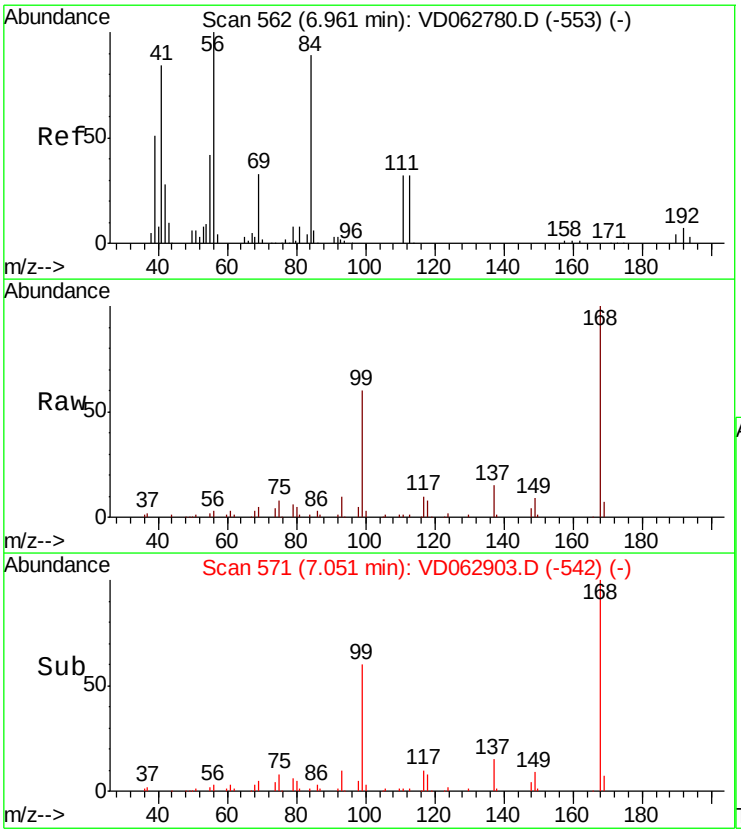
#29
Tetrahydrofuran
Concen: 2.128 ug/l
RT: 6.16 min Scan# 481
Delta R.T. -0.30 min
Lab File: VD062903.D
Acq: 26 Jun 2019 4:51

Instrument :
MSVOA_D
ClientSampleId :
SB-10-9.5-10.0

Tgt Ion: 42 Resp: 945

Ion	Ratio	Lower	Upper
42	100		
72	0.0	35.0	52.6#
71	0.0	33.3	49.9#

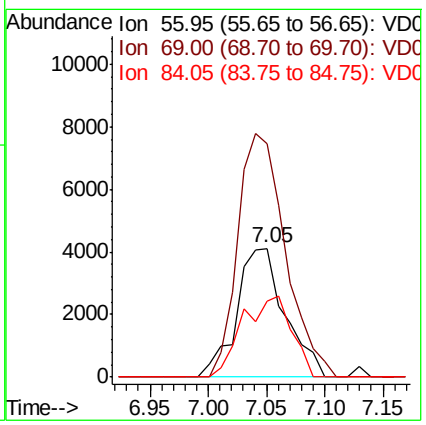


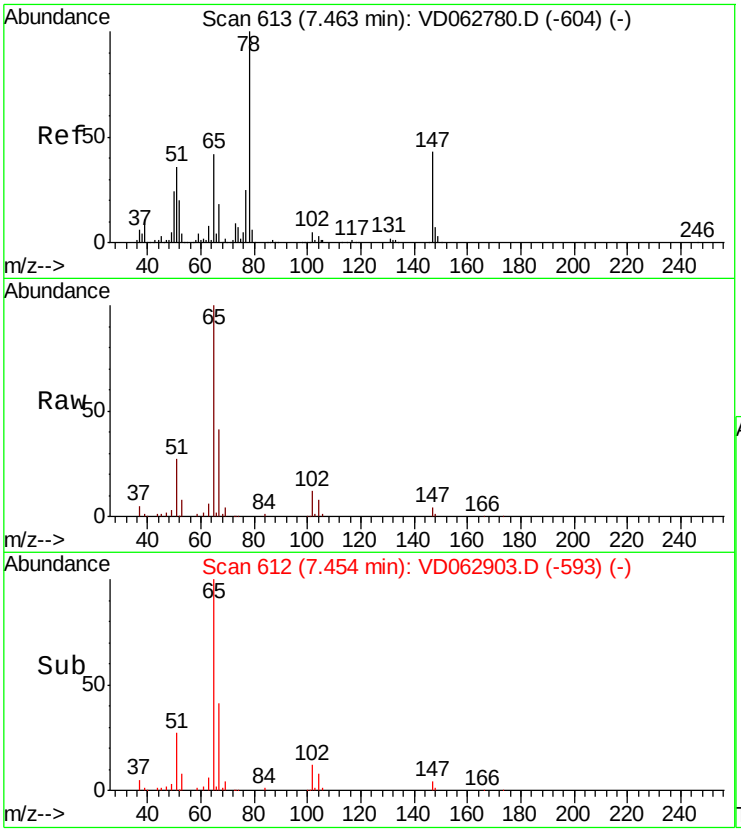


#31
Cyclohexane
Concen: 2.506 ug/l
RT: 7.05 min Scan# 571
Delta R.T. 0.09 min
Lab File: VD062903.D
Acq: 26 Jun 2019 4:51

Tgt Ion: 56 Resp: 11811

Ion	Ratio	Lower	Upper
56	100		
69	180.8	26.6	39.8#
84	58.7	75.5	113.3#



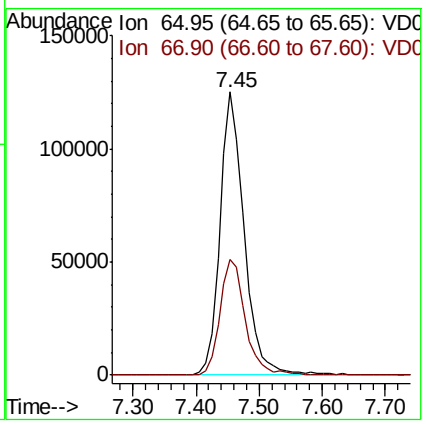


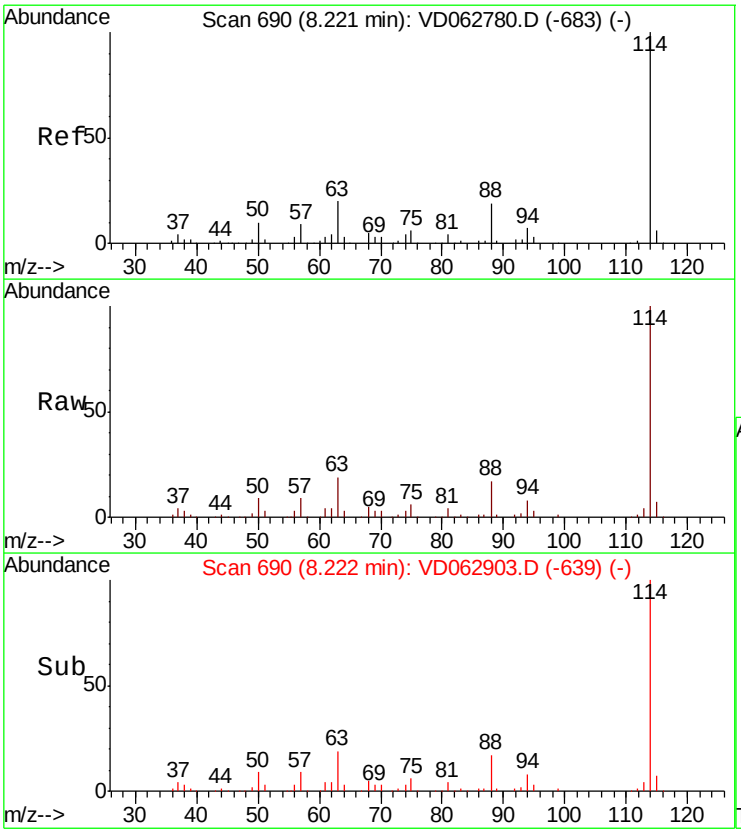
#33
1,2-Dichloroethane-d4
Concen: 66.050 ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.01 min
Lab File: VD062903.D
Acq: 26 Jun 2019 4:51

Instrument :
MSVOA_D
ClientSampleId :
SB-10-9.5-10.0

Tgt Ion: 65 Resp: 331497

Ion	Ratio	Lower	Upper
65	100		
67	40.9	0.0	87.4

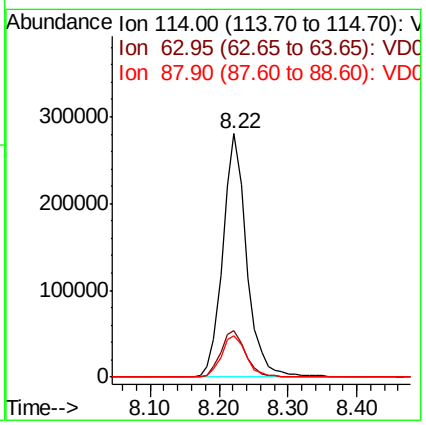


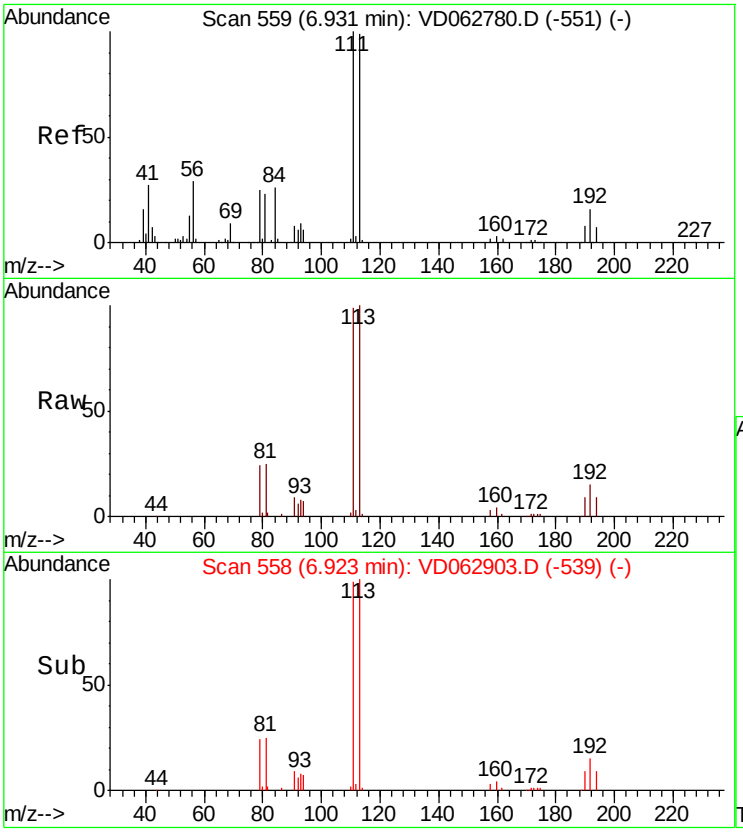


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.22 min Scan# 690
Delta R.T. 0.00 min
Lab File: VD062903.D
Acq: 26 Jun 2019 4:51

Tgt Ion:114 Resp: 671436

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	40.0
88	17.0	0.0	38.8



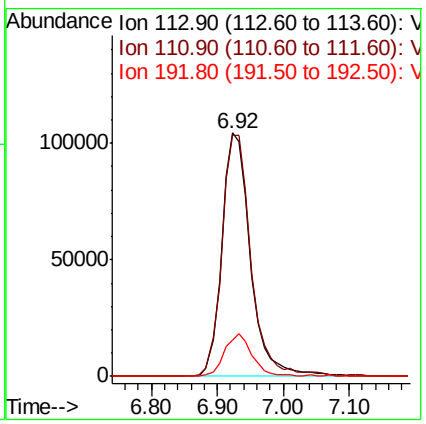


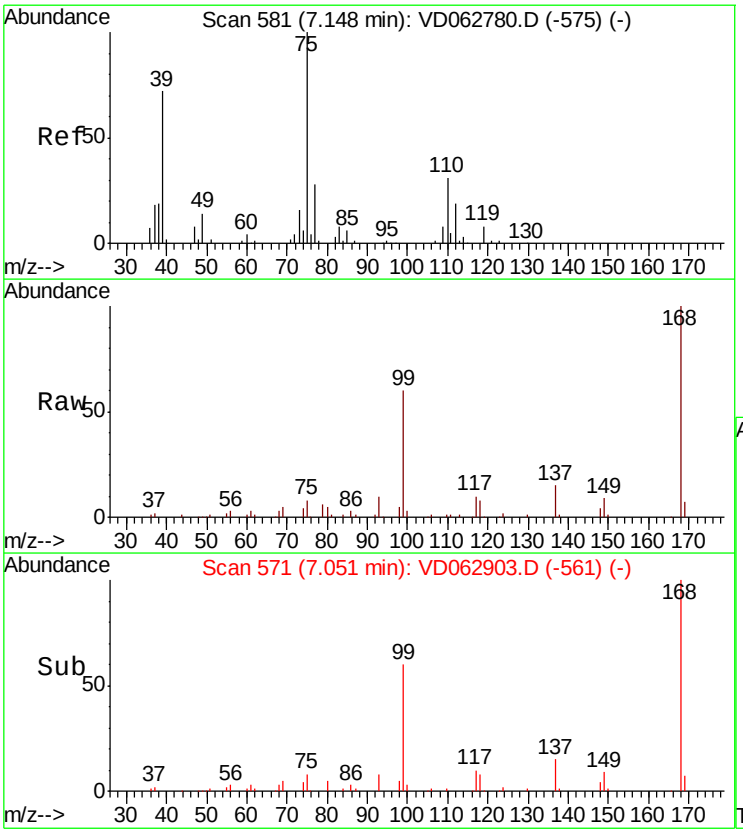
#35
Dibromofluoromethane
Concen: 55.853 ug/l
RT: 6.92 min Scan# 558
Delta R.T. -0.01 min
Lab File: VD062903.D
Acq: 26 Jun 2019 4:51

Instrument :
MSVOA_D
ClientSampleId :
SB-10-9.5-10.0

Tgt Ion:113 Resp: 316212

Ion	Ratio	Lower	Upper
113	100		
111	99.1	81.2	121.8
192	14.7	12.9	19.3

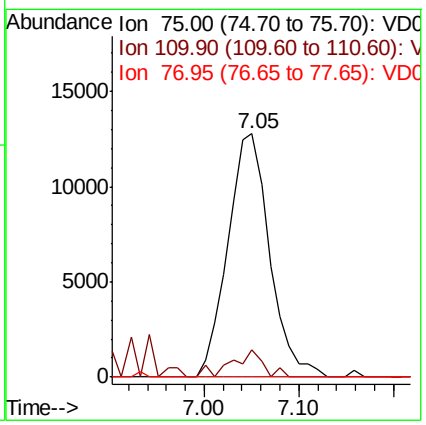


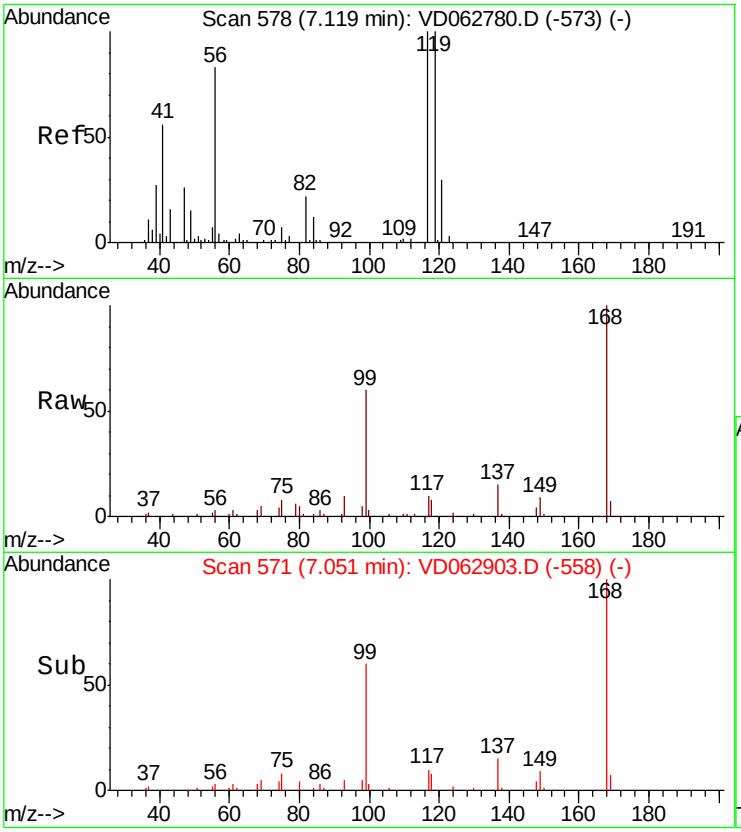


#36
1,1-Dichloropropene
Concen: 6.153 ug/l
RT: 7.05 min Scan# 571
Delta R.T. -0.10 min
Lab File: VD062903.D
Acq: 26 Jun 2019 4:51

Tgt Ion: 75 Resp: 39110

Ion	Ratio	Lower	Upper
75	100		
110	11.1	15.0	45.1#
77	0.0	22.2	33.2#



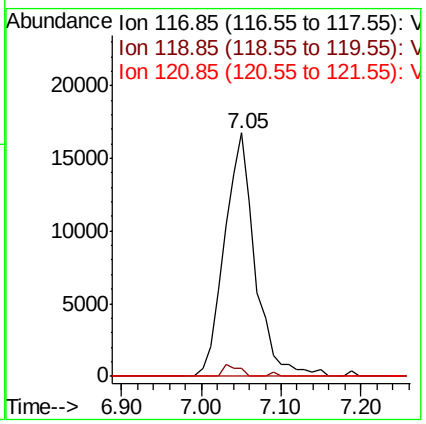


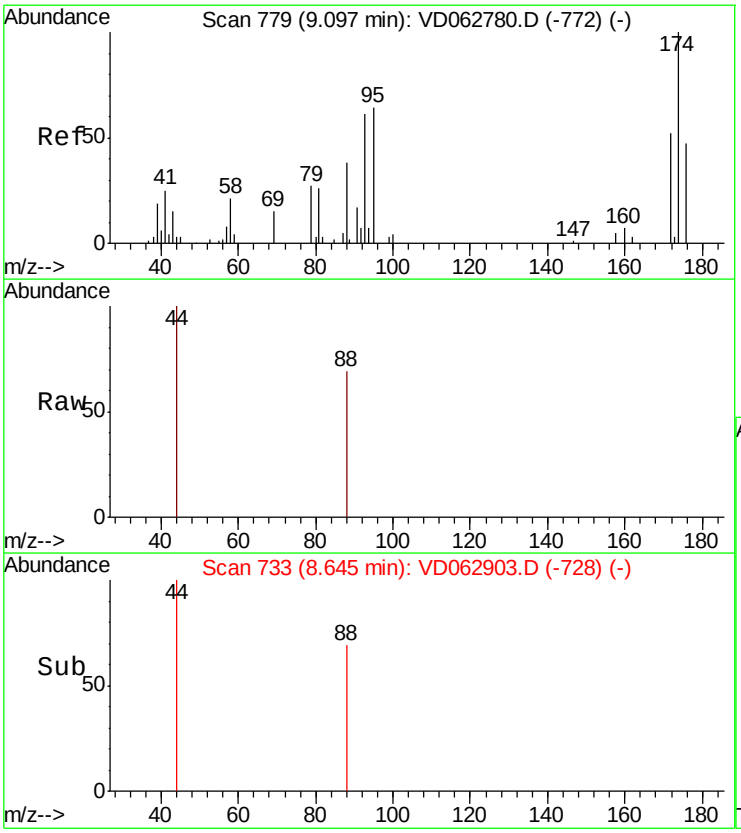
#38
Carbon Tetrachloride
Concen: 4.696 ug/l
RT: 7.05 min Scan# 571
Delta R.T. -0.07 min
Lab File: VD062903.D
Acq: 26 Jun 2019 4:51

Instrument : MSVOA_D
ClientSampleId : SB-10-9.5-10.0

Tgt Ion:117 Resp: 44890

Ion	Ratio	Lower	Upper
117	100		
119	3.5	75.4	113.2#
121	0.0	22.3	33.5#

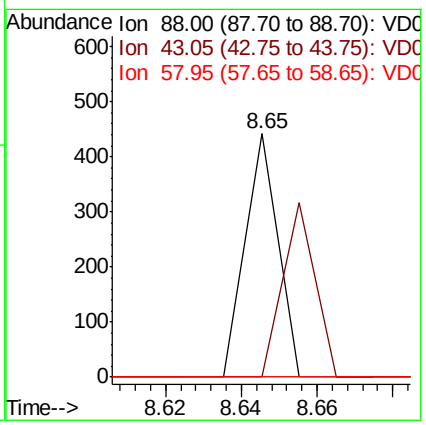


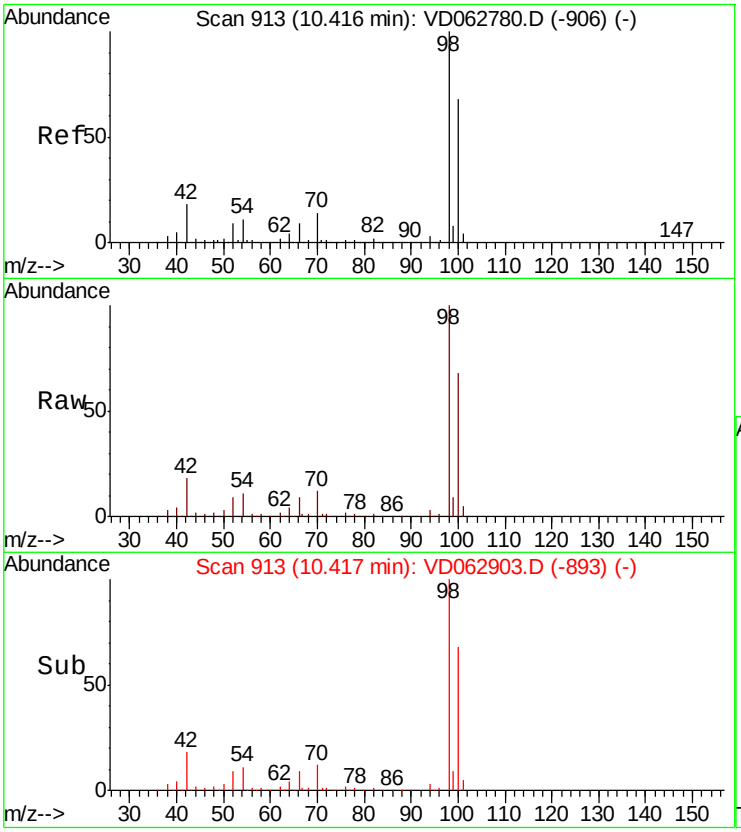


#49
1,4-Dioxane
Concen: 13.248 ug/l
RT: 8.65 min Scan# 733
Delta R.T. -0.45 min
Lab File: VD062903.D
Acq: 26 Jun 2019 4:51

Tgt Ion: 88 Resp: 261

Ion	Ratio	Lower	Upper
88	100		
43	0.0	32.1	48.1#
58	0.0	44.1	66.1#



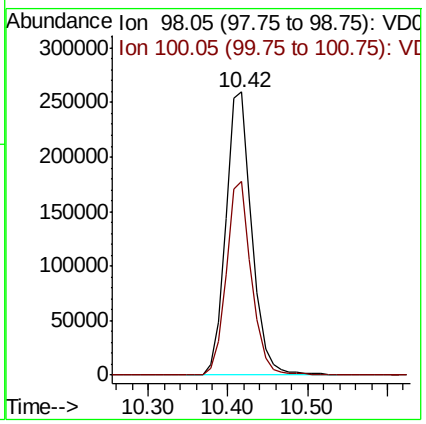


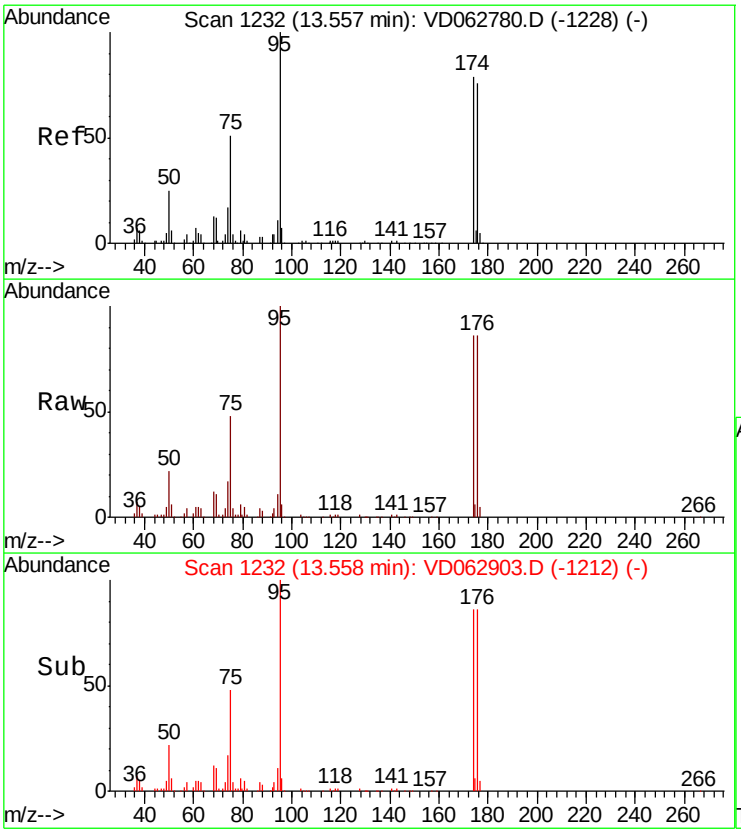
#50
Toluene-d8
Concen: 48.080 ug/l
RT: 10.42 min Scan# 913
Delta R.T. 0.00 min
Lab File: VD062903.D
Acq: 26 Jun 2019 4:51

Instrument :
MSVOA_D
ClientSampleId :
SB-10-9.5-10.0

Tgt Ion: 98 Resp: 592443

Ion	Ratio	Lower	Upper
98	100		
100	68.4	54.7	82.1

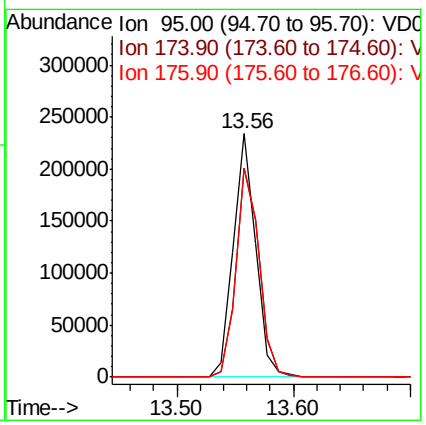


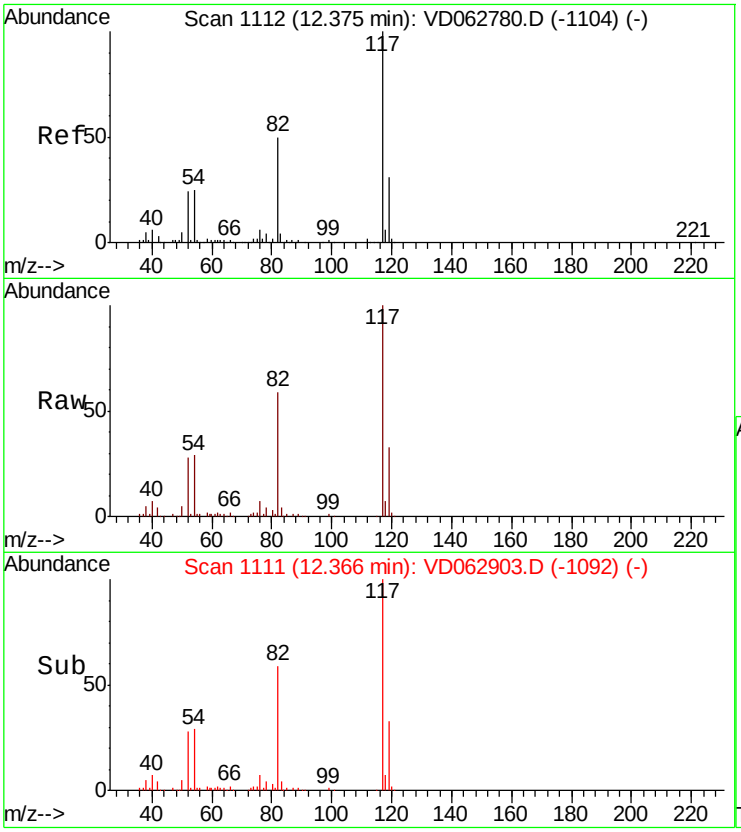


#62
4-Bromofluorobenzene
Concen: 55.453 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD062903.D
Acq: 26 Jun 2019 4:51

Tgt Ion: 95 Resp: 310697

Ion	Ratio	Lower	Upper
95	100		
174	85.6	0.0	158.0
176	85.9	0.0	151.6



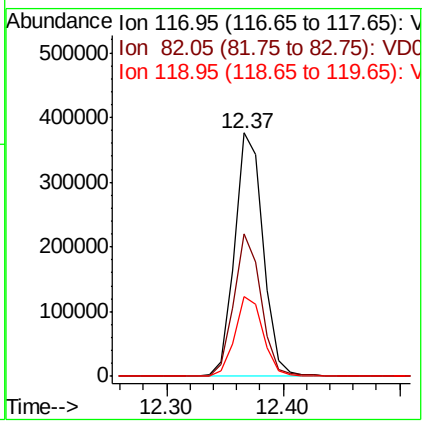


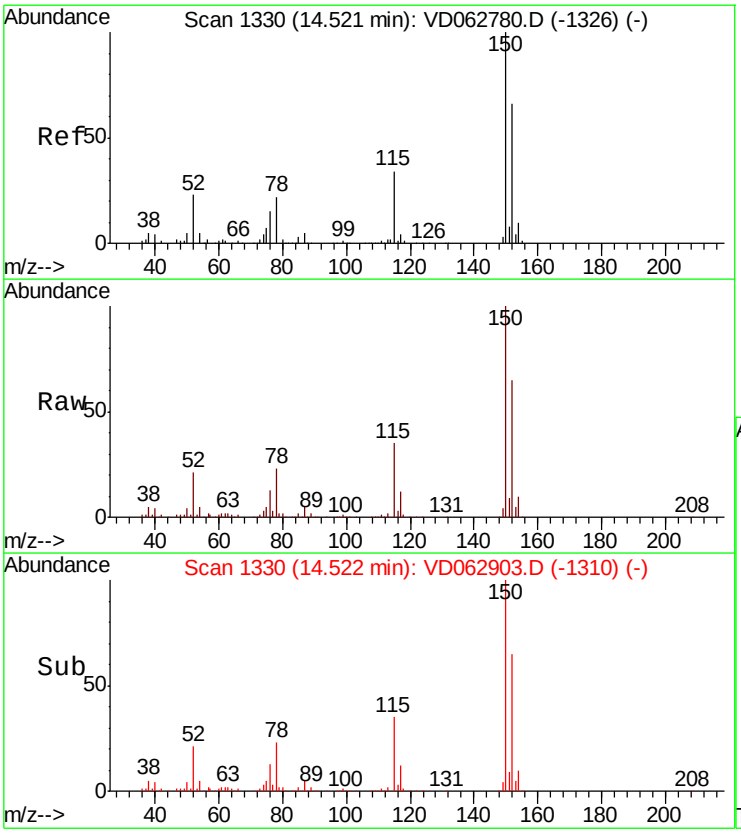
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD062903.D
Acq: 26 Jun 2019 4:51

Instrument :
MSVOA_D
ClientSampleId :
SB-10-9.5-10.0

Tgt Ion:117 Resp: 637917

Ion	Ratio	Lower	Upper
117	100		
82	58.7	40.4	60.6
119	32.6	25.2	37.8

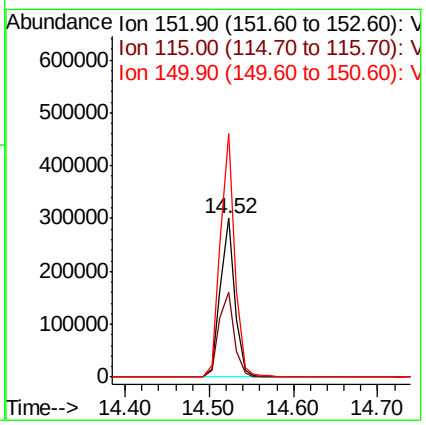


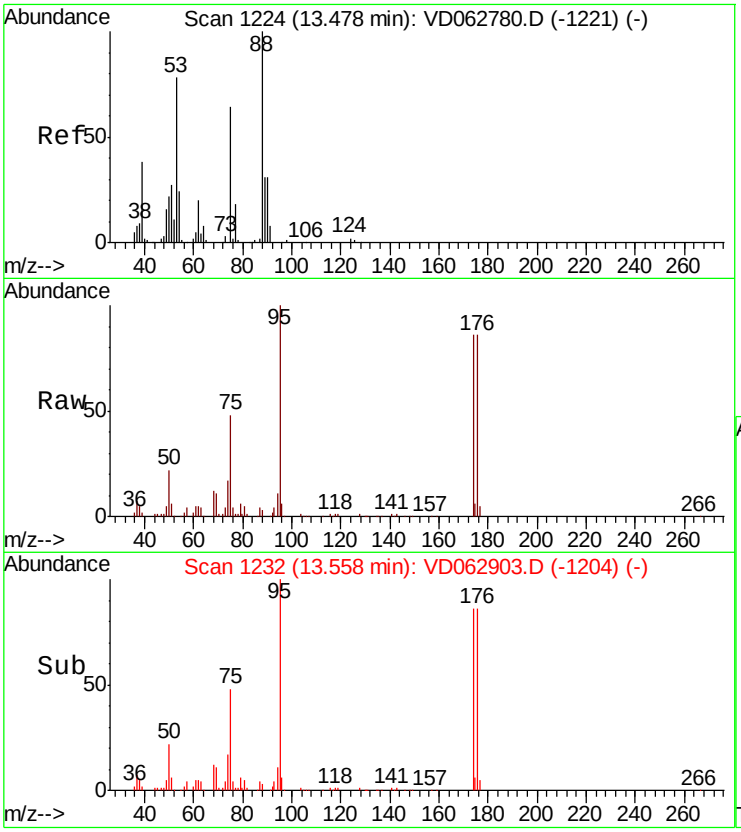


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD062903.D
Acq: 26 Jun 2019 4:51

Tgt Ion:152 Resp: 359195

Ion	Ratio	Lower	Upper
152	100		
115	53.2	29.2	87.6
150	153.5	0.0	305.8





#81
trans-1,4-Dichloro-2-butene
Concen: 141.291 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. 0.08 min
Lab File: VD062903.D
Acq: 26 Jun 2019 4:51

Instrument :
MSVOA_D
ClientSampleId :
SB-10-9.5-10.0

Tgt Ion: 75 Resp: 153551

Ion	Ratio	Lower	Upper
75	100		
53	0.0	97.8	146.8#
89	0.0	39.4	59.2#