Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD100620\
Data File : VD067127.D
Acq On : 07 Oct 2020 01:24
Operator : VA/SY
Sample : L4260-15
Misc : 7.27G/5.00ml/MSVOA_D/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : PAV-B23-100220-18-19

Quant Time: Oct 07 02:20:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 15:19:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	412343	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	672404	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	609036	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	285132	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	189780	47.78	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.56%			
35) Dibromofluoromethane	7.91	113	211673	48.08	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.16%			
50) Toluene-d8	10.34	98	771080	48.07	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.14%			
62) 4-Bromofluorobenzene	12.64	95	255262	46.88	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.76%			
Target Compounds						Qvalue
8) Diethyl Ether	3.71	74	4608	2.540	ug/l	99
17) Carbon Disulfide	4.41	76	14407	1.208	ug/l #	87
20) Methylene Chloride	4.97	84	102488	19.364	ug/l	96

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

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PAV-B23-100220-18-19

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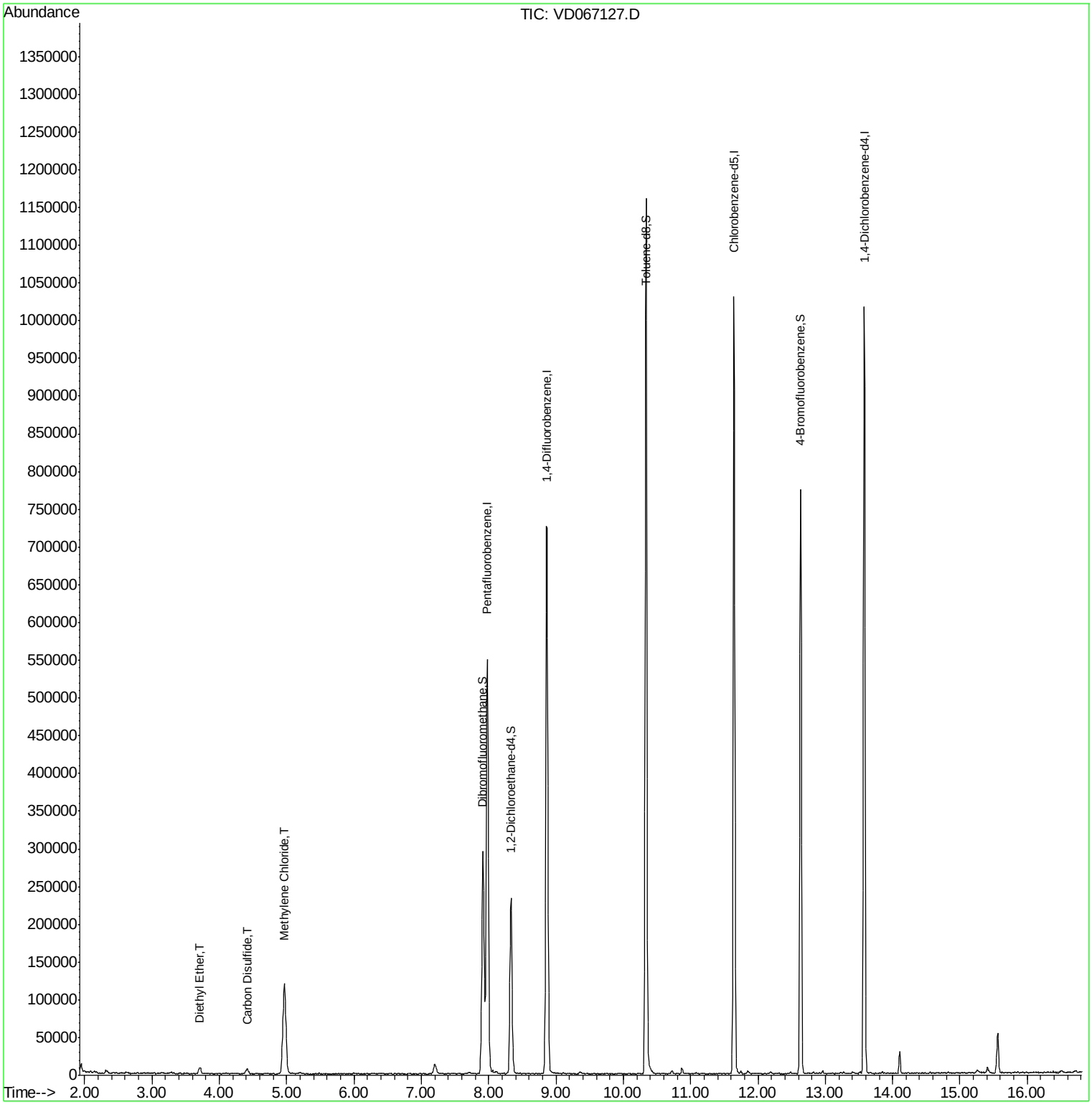
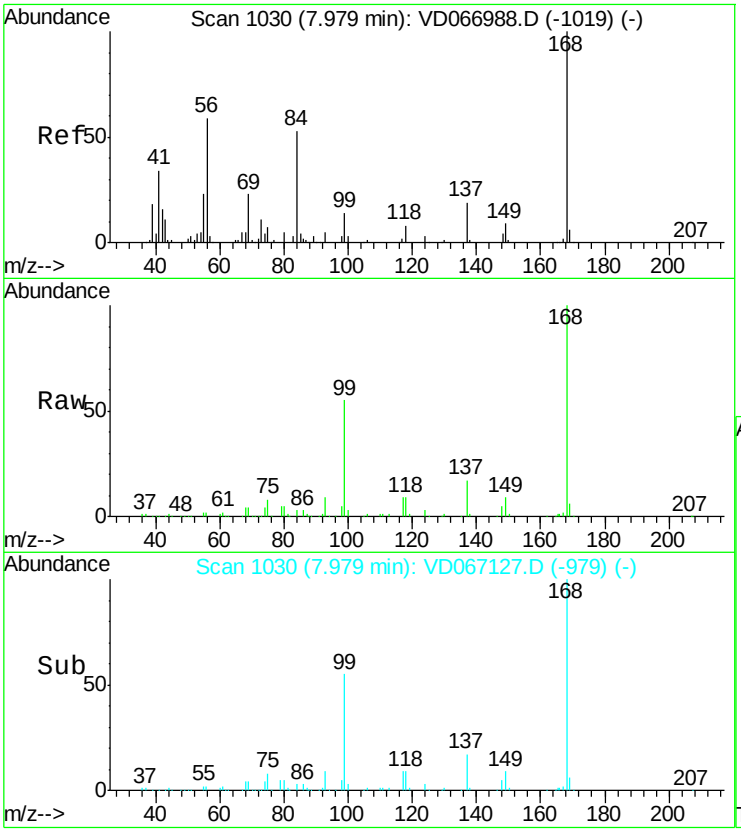


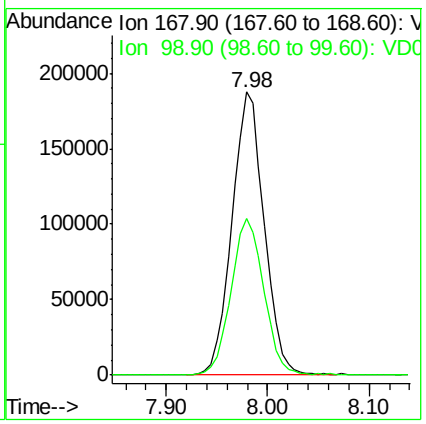


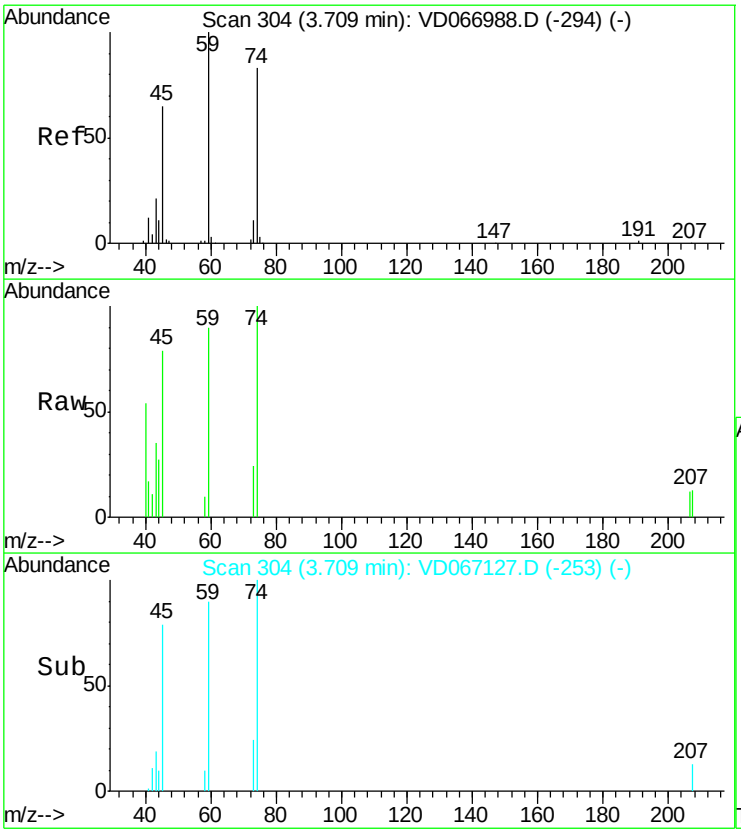
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VD067127.D
Acq: 07 Oct 2020 01:24

Instrument :
MSVOA_D
ClientSampleId :
PAV-B23-100220-18-19

Tgt Ion:168 Resp: 412343

Ion	Ratio	Lower	Upper
168	100		
99	55.2	44.1	66.1

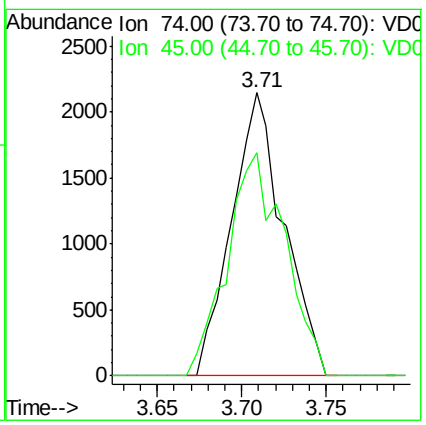


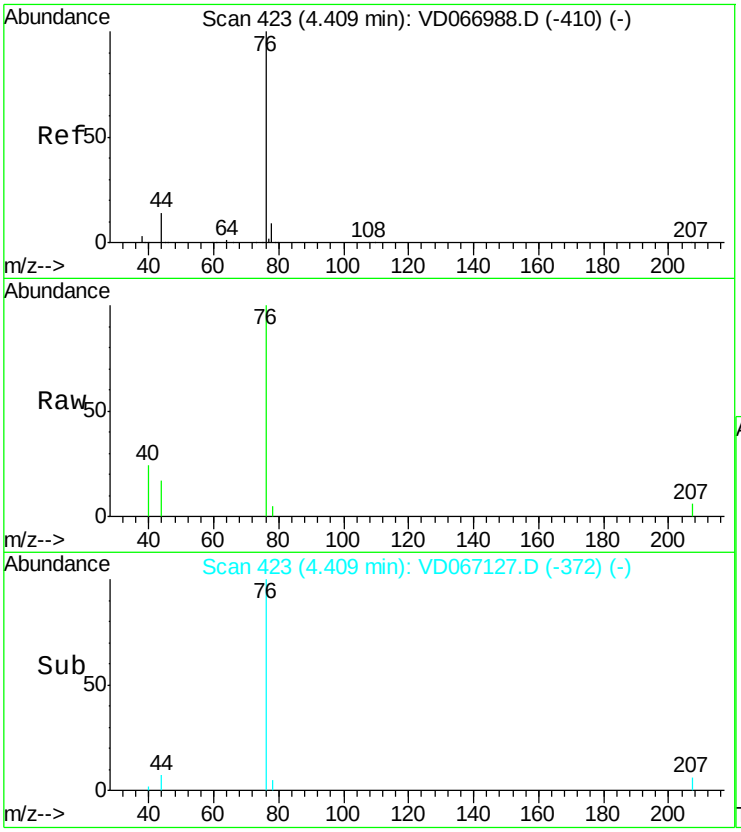


#8
Diethyl Ether
Concen: 2.540 ug/l
RT: 3.71 min Scan# 304
Delta R.T. 0.00 min
Lab File: VD067127.D
Acq: 07 Oct 2020 01:24

Tgt Ion: 74 Resp: 4608

Ion	Ratio	Lower	Upper
74	100		
45	86.9	43.1	129.3



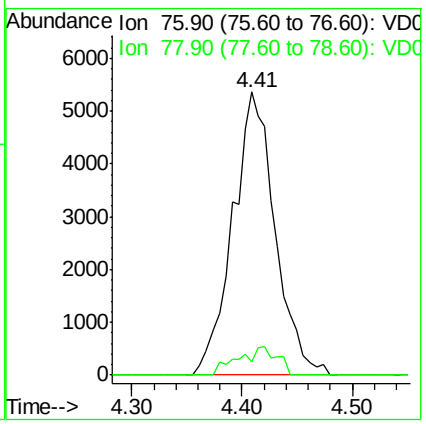


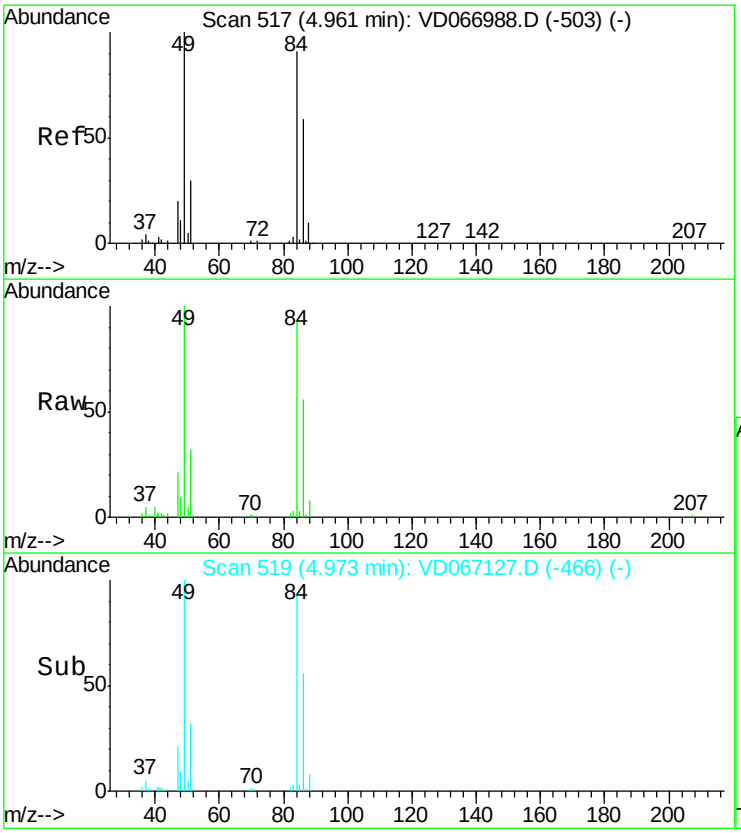
#17
Carbon Disulfide
Concen: 1.208 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD067127.D
Acq: 07 Oct 2020 01:24

Instrument :
MSVOA_D
ClientSampleId :
PAV-B23-100220-18-19

Tgt Ion: 76 Resp: 14407

Ion	Ratio	Lower	Upper
76	100		
78	4.8	7.5	11.3#

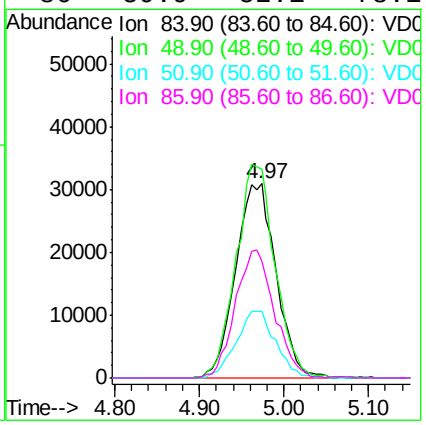


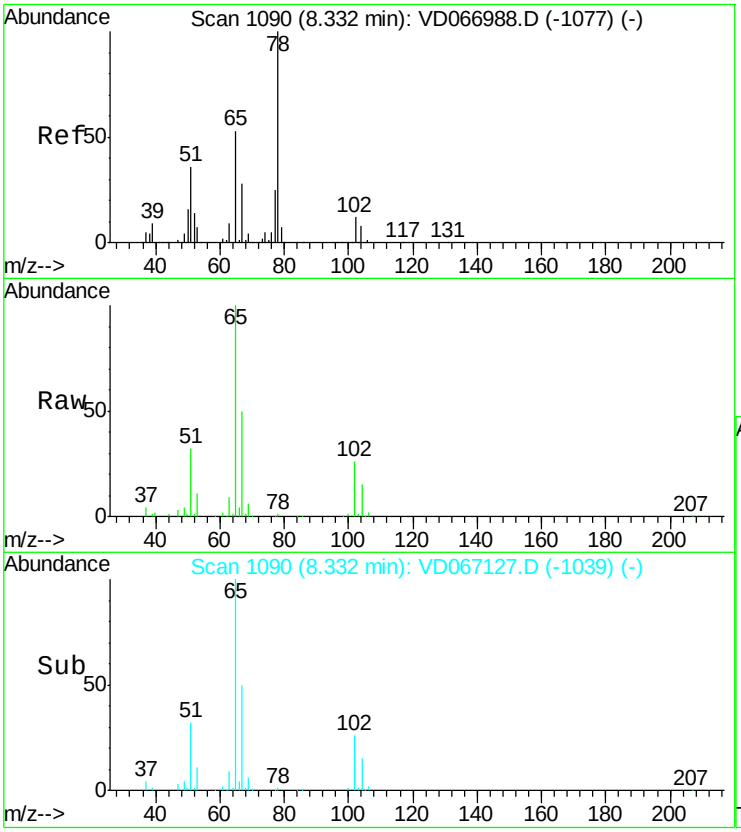


#20
Methylene Chloride
Concen: 19.364 ug/l
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD067127.D
Acq: 07 Oct 2020 01:24

Tgt Ion: 84 Resp: 102488

Ion	Ratio	Lower	Upper
84	100		
49	107.5	88.2	132.2
51	34.2	26.6	39.8
86	59.9	52.1	78.1



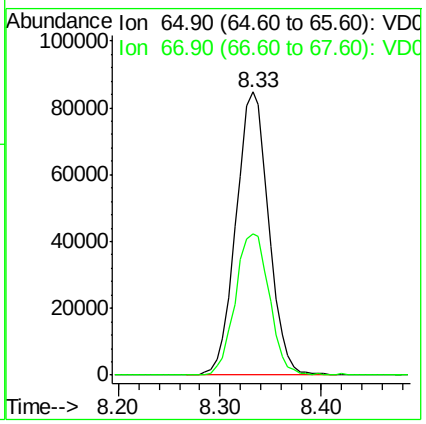


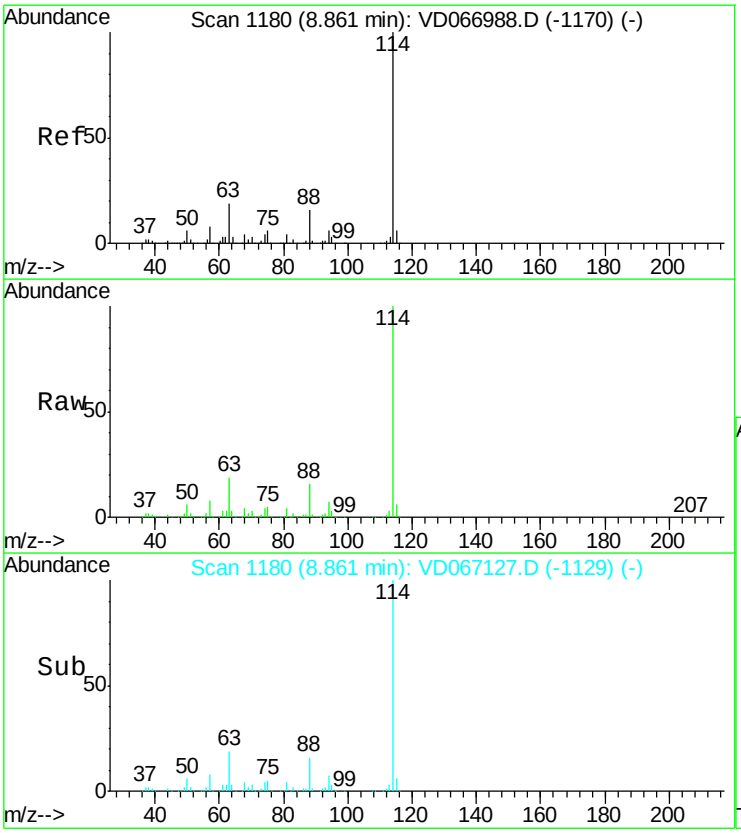
#33
1,2-Dichloroethane-d4
Concen: 47.783 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VD067127.D
Acq: 07 Oct 2020 01:24

Instrument :
MSVOA_D
ClientSampleId :
PAV-B23-100220-18-19

Tgt Ion: 65 Resp: 189780

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	106.8

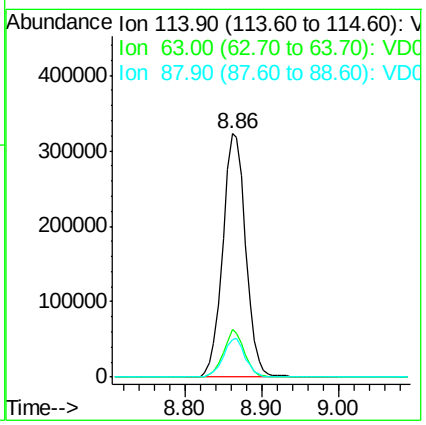


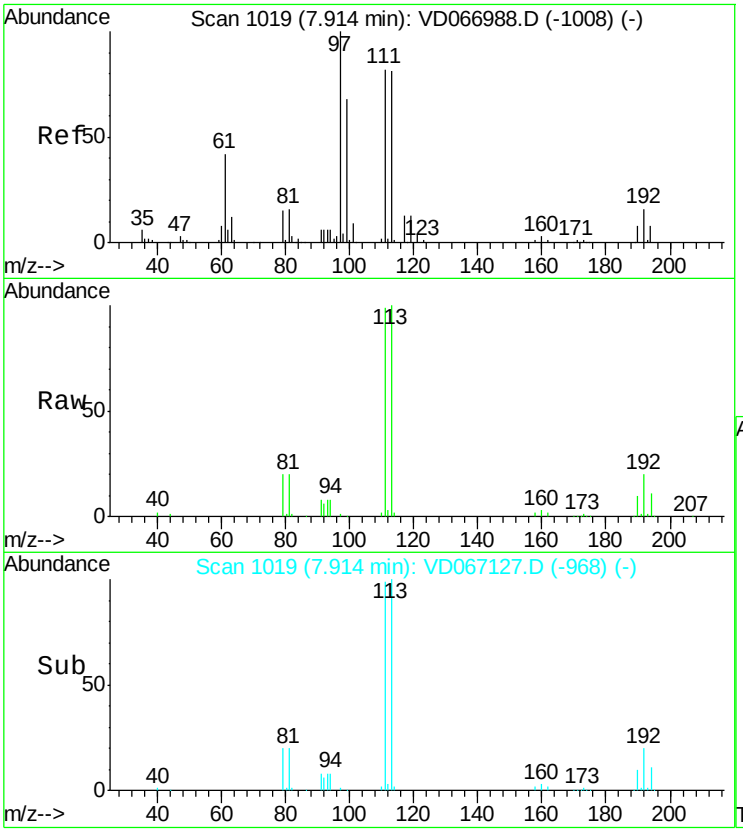


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.86 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VD067127.D
Acq: 07 Oct 2020 01:24

Tgt Ion:114 Resp: 672404

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	38.4
88	15.6	0.0	31.2



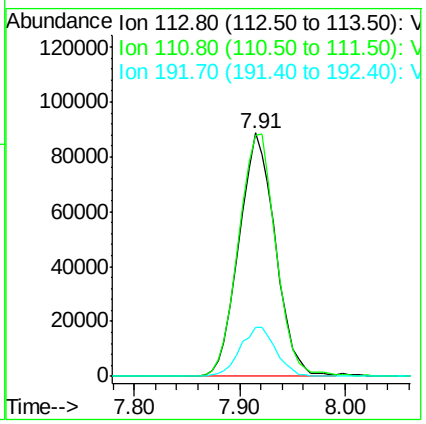


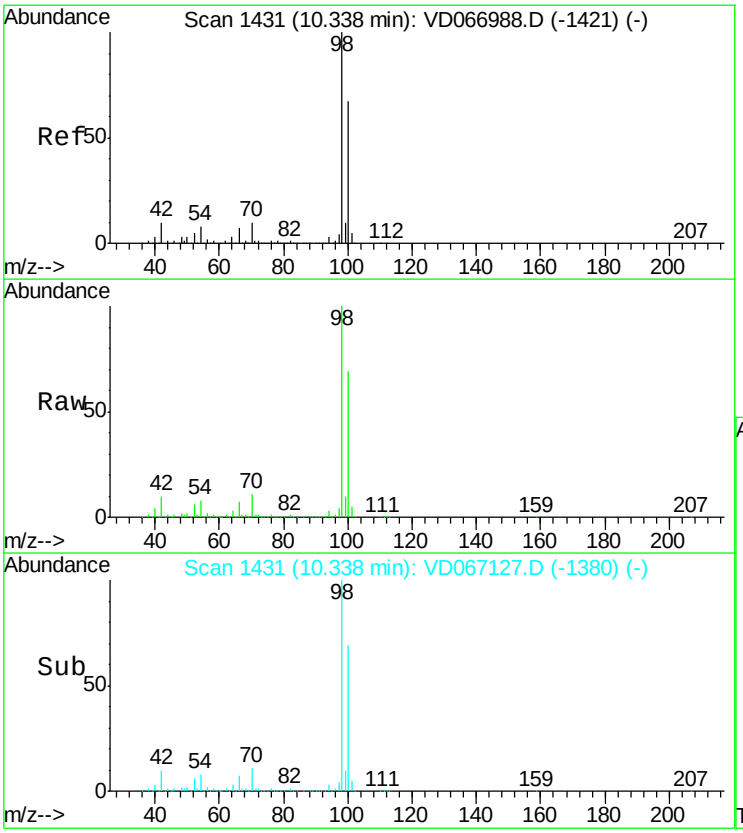
#35
Dibromofluoromethane
Concen: 48.085 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VD067127.D
Acq: 07 Oct 2020 01:24

Instrument :
MSVOA_D
ClientSampleId :
PAV-B23-100220-18-19

Tgt Ion:113 Resp: 211673

Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.0	124.4
192	19.8	15.5	23.3

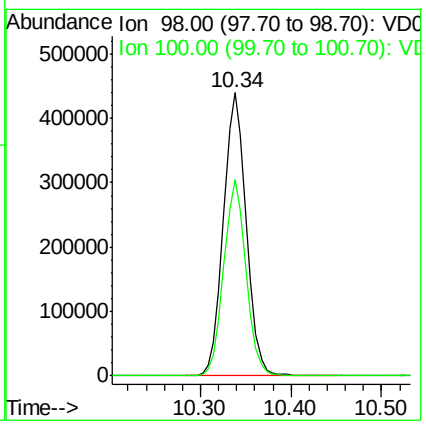


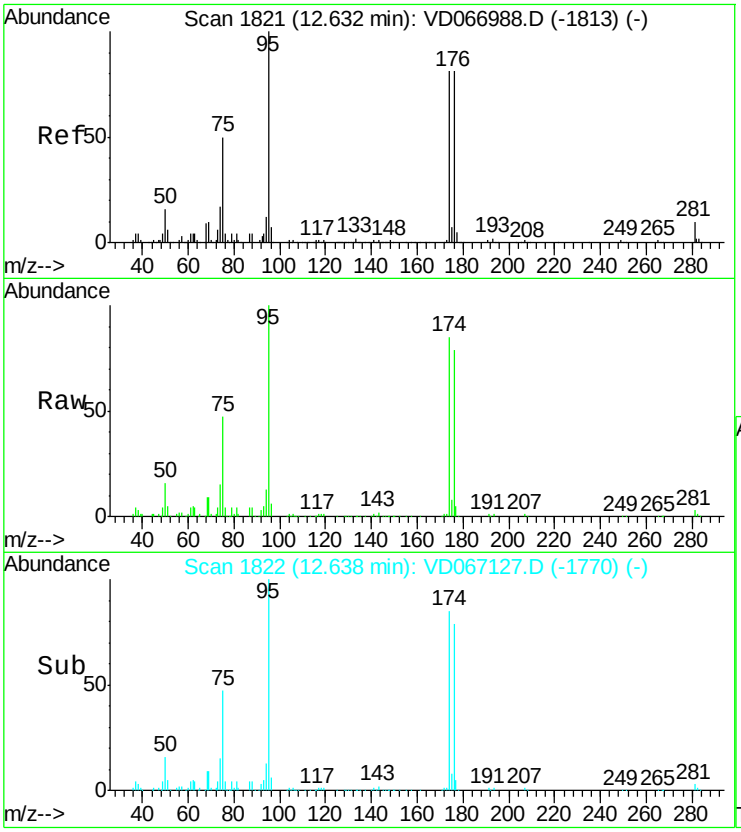


#50
Toluene-d8
Concen: 48.070 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD067127.D
Acq: 07 Oct 2020 01:24

Tgt Ion: 98 Resp: 771080

Ion	Ratio	Lower	Upper
98	100		
100	67.7	52.8	79.2



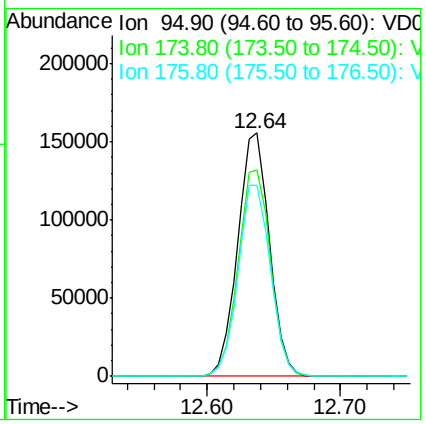


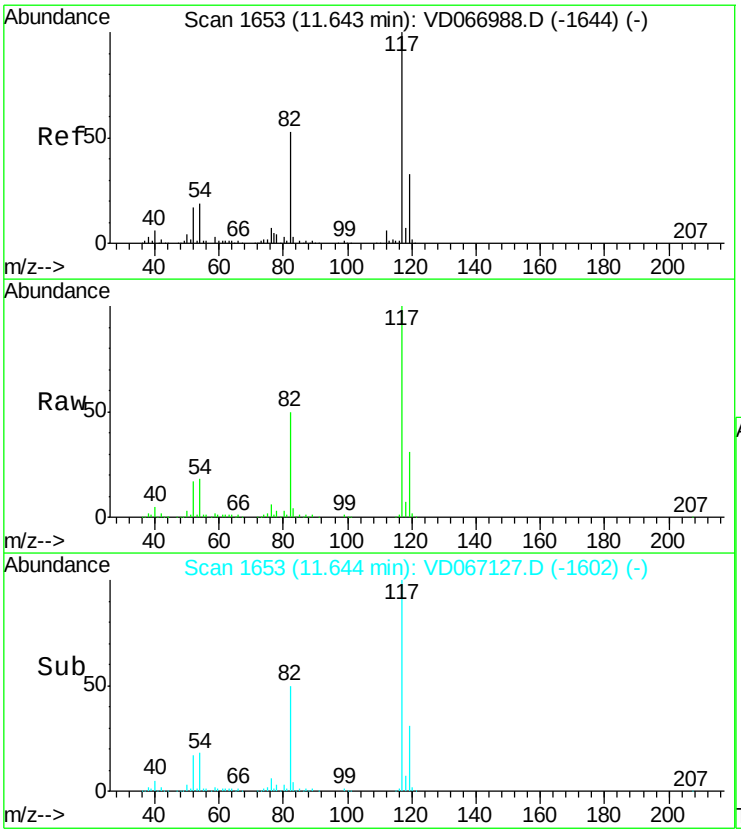
#62
4-Bromofluorobenzene
Concen: 46.876 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD067127.D
Acq: 07 Oct 2020 01:24

Instrument :
MSVOA_D
ClientSampleId :
PAV-B23-100220-18-19

Tgt Ion: 95 Resp: 255262

Ion	Ratio	Lower	Upper
95	100		
174	86.4	0.0	167.6
176	80.5	0.0	162.4

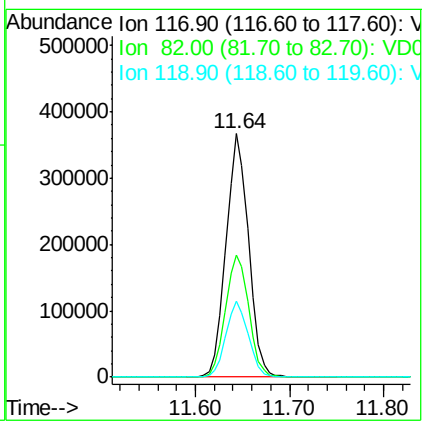


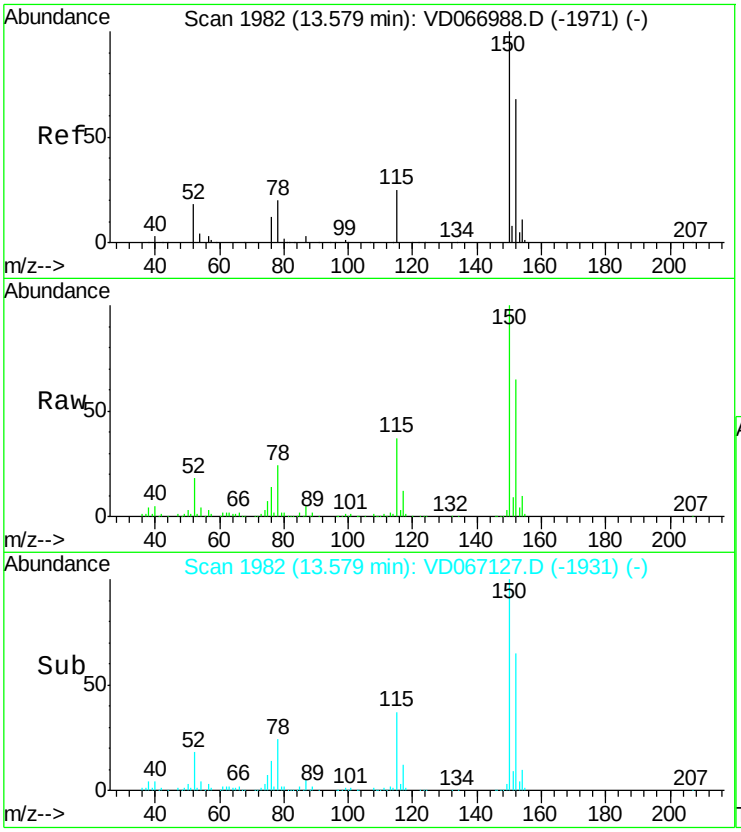


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067127.D
Acq: 07 Oct 2020 01:24

Tgt Ion:117 Resp: 609036

Ion	Ratio	Lower	Upper
117	100		
82	50.1	42.6	63.8
119	31.3	26.3	39.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067127.D
Acq: 07 Oct 2020 01:24

Instrument :
MSVOA_D
ClientSampleId :
PAV-B23-100220-18-19

Tgt Ion:152 Resp: 285132

Ion	Ratio	Lower	Upper
152	100		
115	58.6	29.6	88.8
150	156.4	0.0	344.8