Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122021\
Data File : VD071390.D
Acq On : 20 Dec 2021 14:15
Operator : VA/SY
Sample : VD1220SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1220SBL01

Quant Time: Dec 20 20:52:39 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 29 17:54:09 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.979	168	245809	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	442271	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	405347	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	184184	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	145237	50.355	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.700%			
35) Dibromofluoromethane	7.914	113	131549	46.709	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 93.420%			
50) Toluene-d8	10.338	98	422271	39.400	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 78.800%			
62) 4-Bromofluorobenzene	12.626	95	154639	41.624	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 83.240%			
Target Compounds						Qvalue
20) Methylene Chloride	4.973	84	35759	8.849	ug/l	94

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

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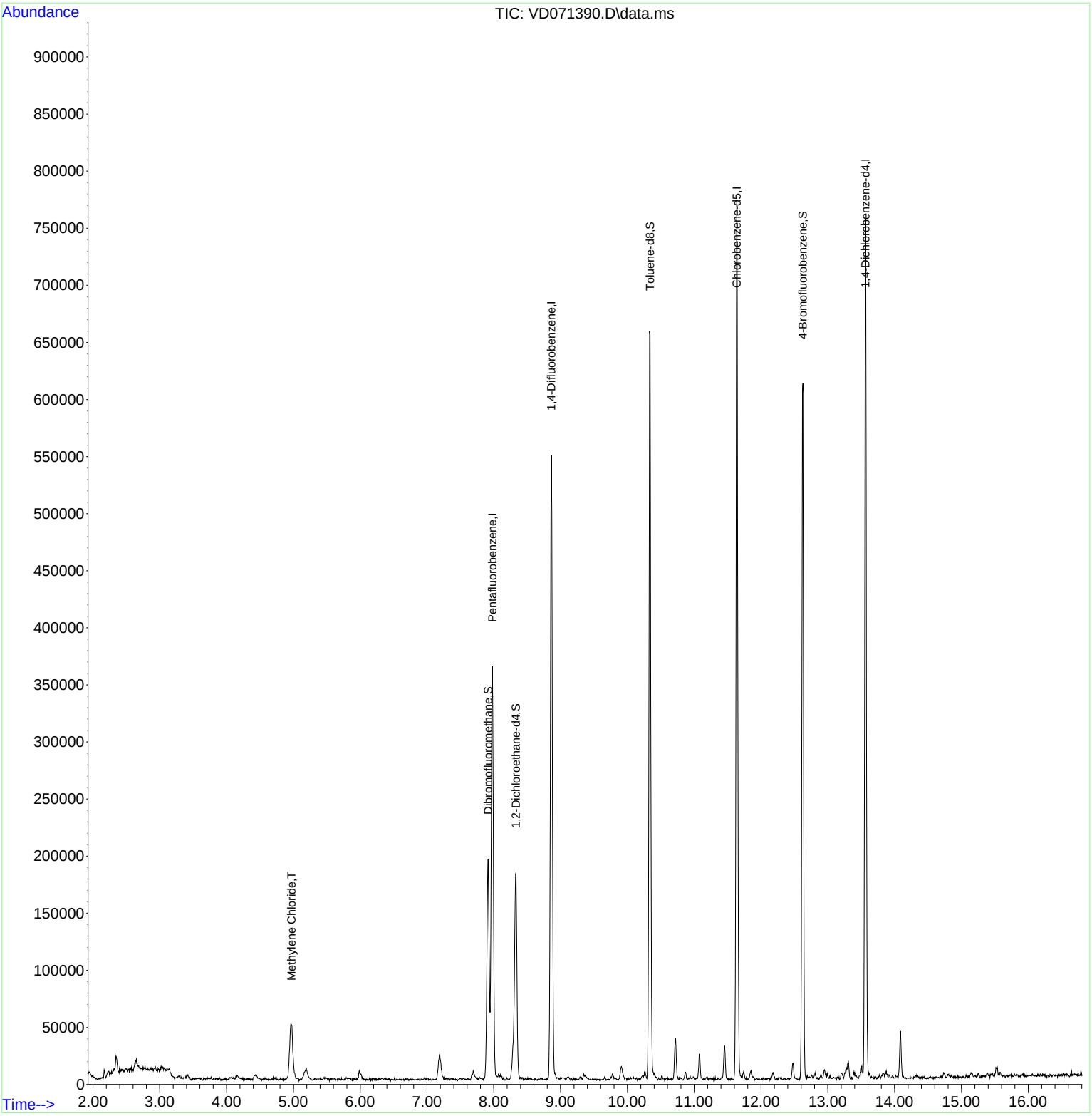
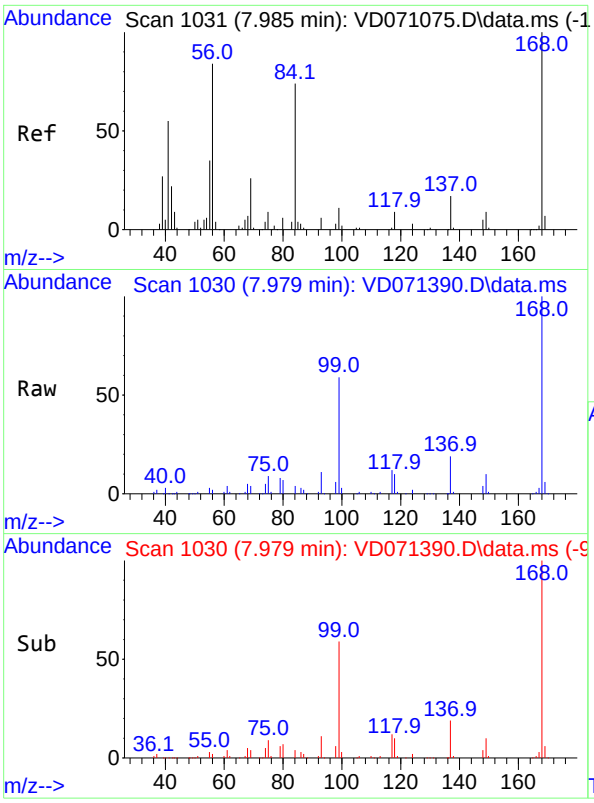


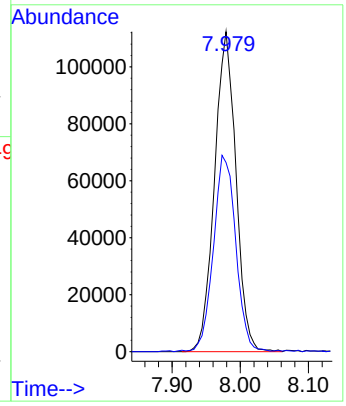


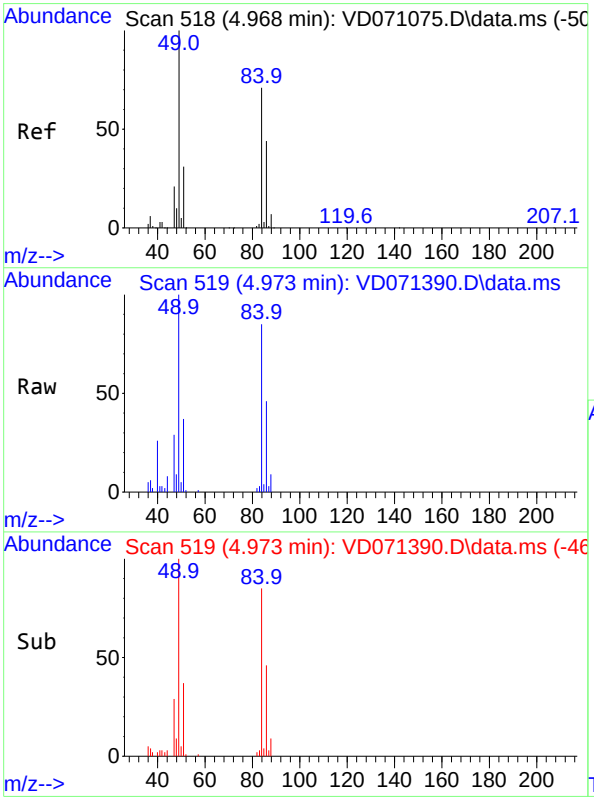
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD071390.D
Acq: 20 Dec 2021 14:15

Instrument :
MSVOA_D
ClientSampleId :
VD1220SBL01

Tgt Ion:168 Resp: 245809

Ion	Ratio	Lower	Upper
168	100		
99	58.9	46.6	69.8

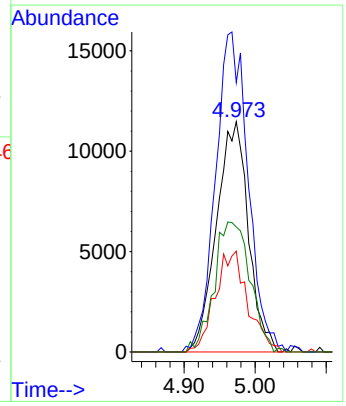


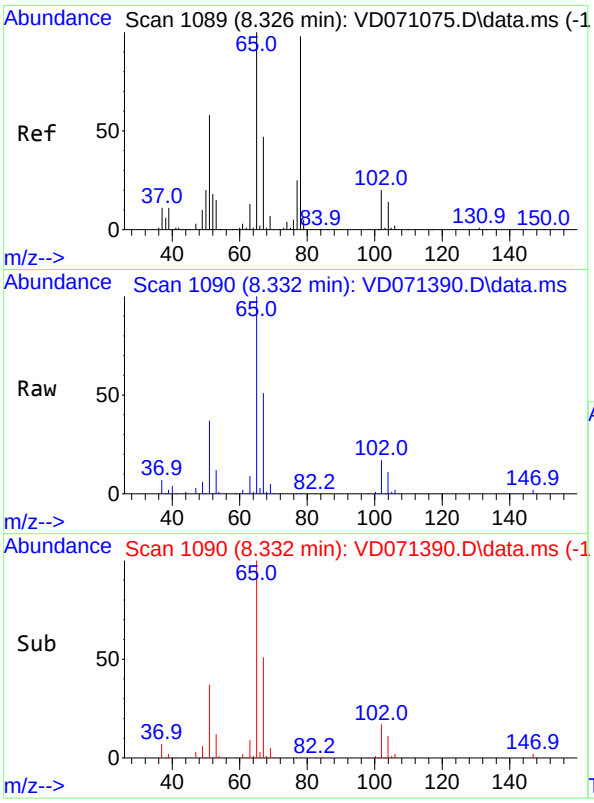


#20
Methylene Chloride
Concen: 8.849 ug/l
RT: 4.973 min Scan# 519
Delta R.T. 0.005 min
Lab File: VD071390.D
Acq: 20 Dec 2021 14:15

Tgt Ion: 84 Resp: 35759

Ion	Ratio	Lower	Upper
84	100		
49	117.1	95.8	143.6
51	43.8	30.9	46.3
86	54.3	50.3	75.5



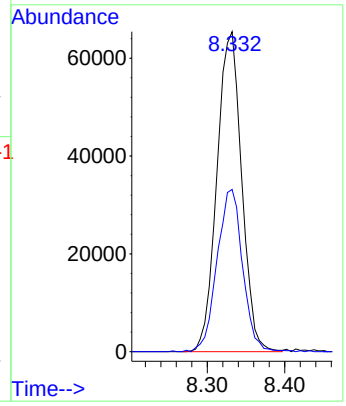


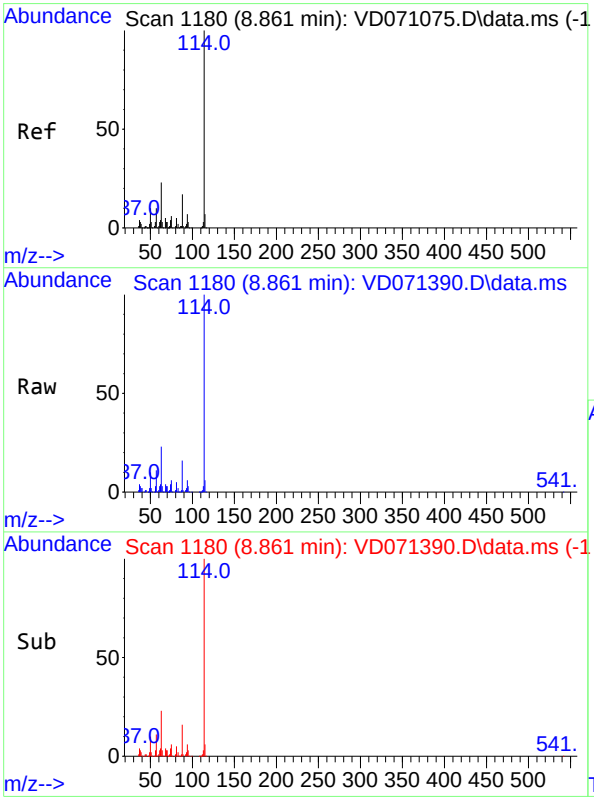
#33
1,2-Dichloroethane-d4
Concen: 50.355 ug/l
RT: 8.332 min Scan# 1
Delta R.T. 0.006 min
Lab File: VD071390.D
Acq: 20 Dec 2021 14:15

Instrument :
MSVOA_D
ClientSampleId :
VD1220SBL01

Tgt Ion: 65 Resp: 145237

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	112.2

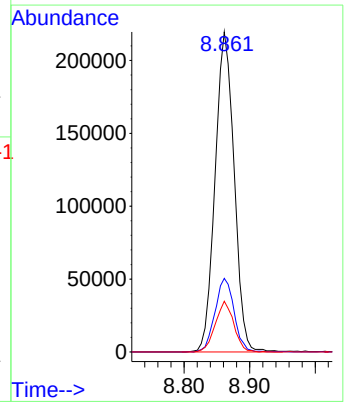


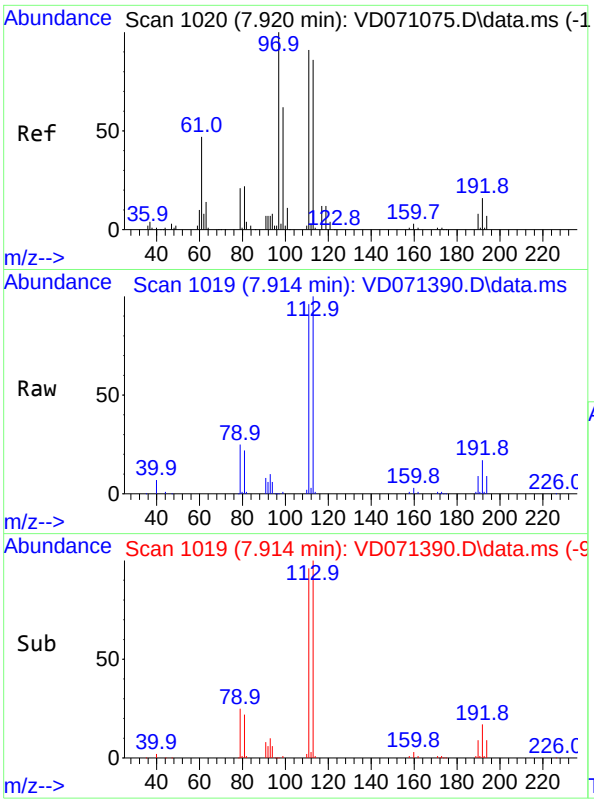


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071390.D
Acq: 20 Dec 2021 14:15

Tgt Ion:114 Resp: 442271

Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	41.8
88	15.9	0.0	32.8



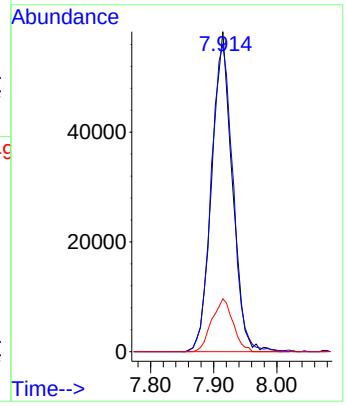


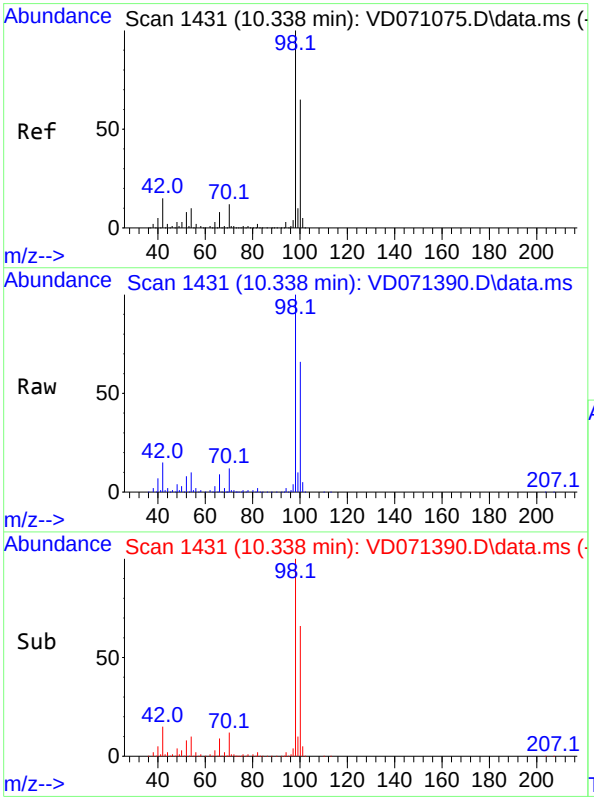
#35
Dibromofluoromethane
Concen: 46.709 ug/l
RT: 7.914 min Scan# 1(
Delta R.T. -0.006 min
Lab File: VD071390.D
Acq: 20 Dec 2021 14:15

Instrument :
MSVOA_D
ClientSampleId :
VD1220SBL01

Tgt Ion:113 Resp: 131549

Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.0	123.0
192	17.1	15.2	22.8

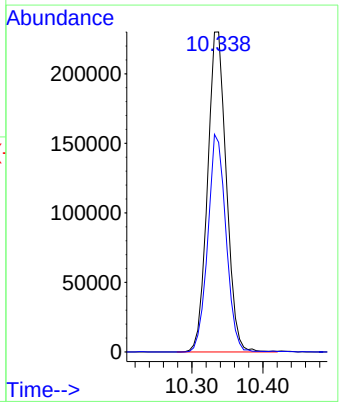


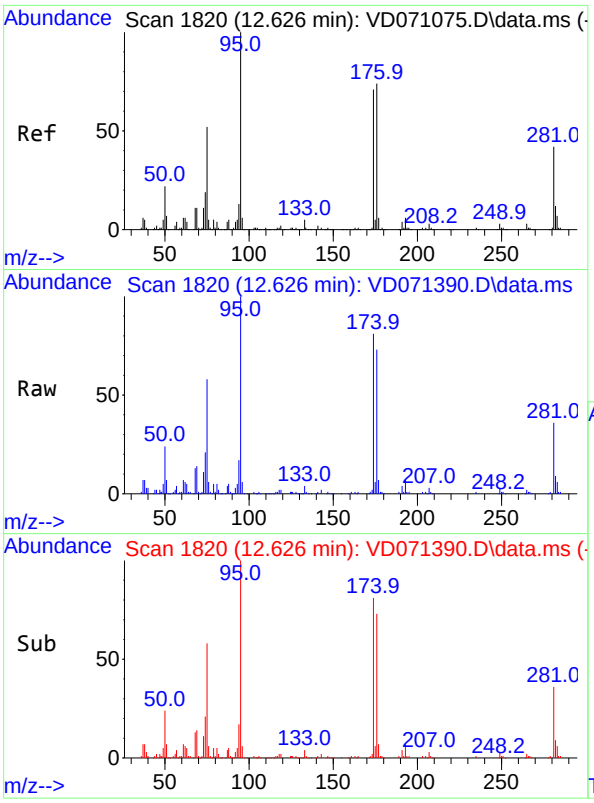


#50
Toluene-d8
Concen: 39.400 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071390.D
Acq: 20 Dec 2021 14:15

Tgt Ion: 98 Resp: 422271

Ion	Ratio	Lower	Upper
98	100		
100	65.6	51.8	77.6



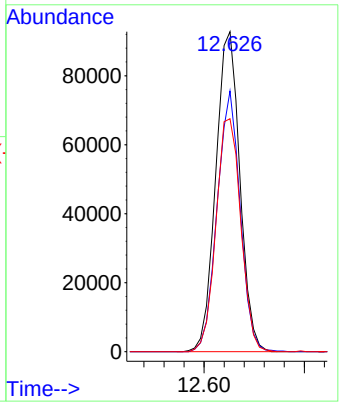


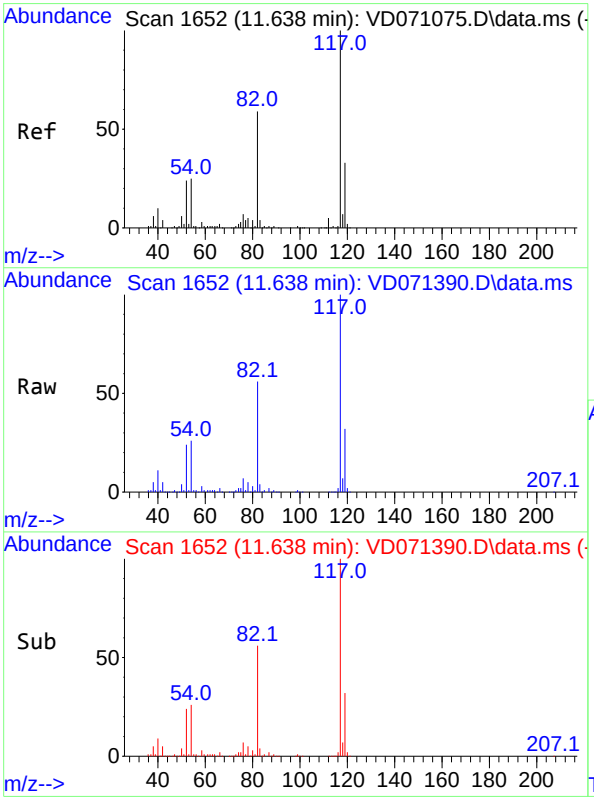
#62
4-Bromofluorobenzene
Concen: 41.624 ug/l
RT: 12.626 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD071390.D
Acq: 20 Dec 2021 14:15

Instrument :
MSVOA_D
ClientSampleId :
VD1220SBL01

Tgt Ion: 95 Resp: 154639

Ion	Ratio	Lower	Upper
95	100		
174	77.9	0.0	159.4
176	75.0	0.0	154.0

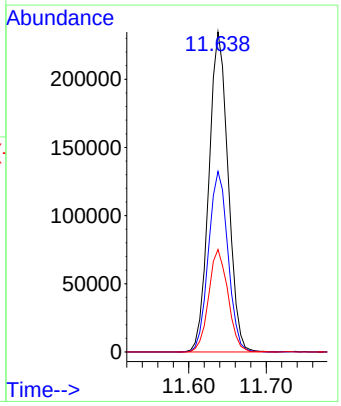


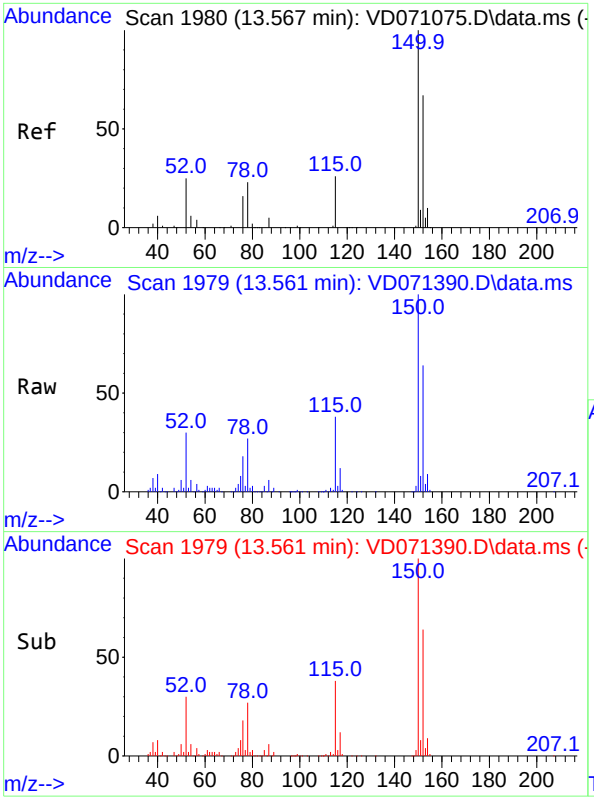


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071390.D
Acq: 20 Dec 2021 14:15

Tgt Ion:117 Resp: 405347

Ion	Ratio	Lower	Upper
117	100		
82	56.4	44.7	67.1
119	32.0	26.2	39.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD071390.D
Acq: 20 Dec 2021 14:15

Instrument :
MSVOA_D
ClientSampleId :
VD1220SBL01

Tgt Ion:152 Resp: 184184

Ion	Ratio	Lower	Upper
152	100		
115	61.6	29.8	89.3
150	158.2	0.0	349.2