Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122021\
Data File : VD071393.D
Acq On : 20 Dec 2021 17:24
Operator : VA/SY
Sample : M5044-10
Misc : 6.20G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
DA-10-4.5

Quant Time: Dec 20 20:54:15 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	7.973	168	437633	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.861	114	766882	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	693143	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	296625	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	262064	51.034	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.060%			
35) Dibromofluoromethane	7.908	113	244778	50.124	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.240%			
50) Toluene-d8	10.332	98	980828	52.778	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.560%			
62) 4-Bromofluorobenzene	12.626	95	312333	48.485	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 96.960%			
Target Compounds						Qvalue
16) Acetone	4.156	43	69243	75.322	ug/l #	83
19) Methyl tert-butyl Ether	5.467	73	109653	11.013	ug/l	99
25) 2-Butanone	7.208	43	9065	33.462	ug/l	92
68) m/p-Xylenes	11.849	106	15091	1.651	ug/l	94
69) o-Xylene	12.167	106	11671	1.359	ug/l	99

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

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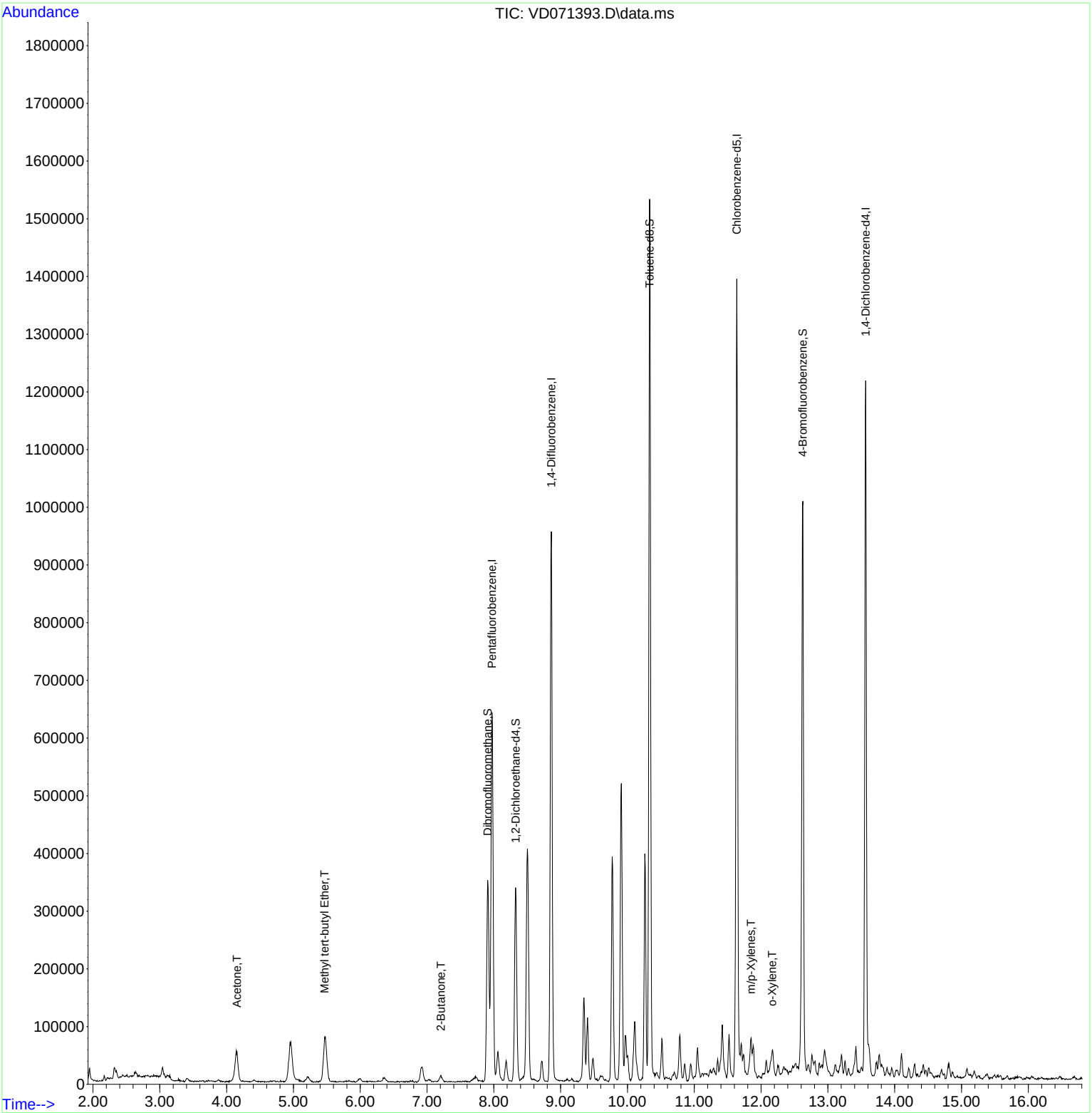
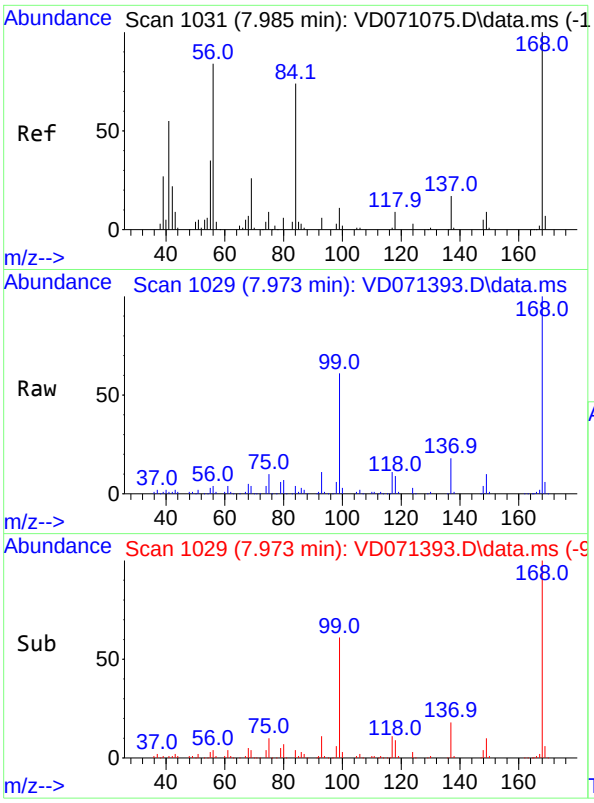


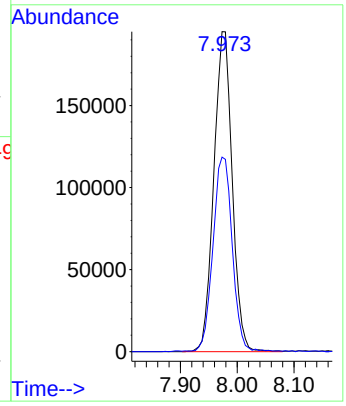


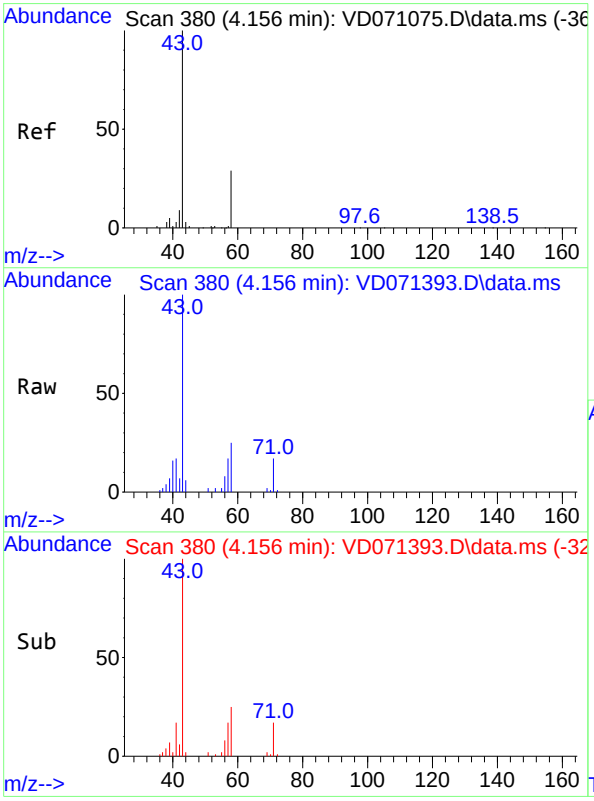
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1
Delta R.T. -0.012 min
Lab File: VD071393.D
Acq: 20 Dec 2021 17:24

Instrument :
MSVOA_D
ClientSampleId :
DA-10-4.5

Tgt Ion:168 Resp: 437633

Ion	Ratio	Lower	Upper
168	100		
99	60.6	46.6	69.8

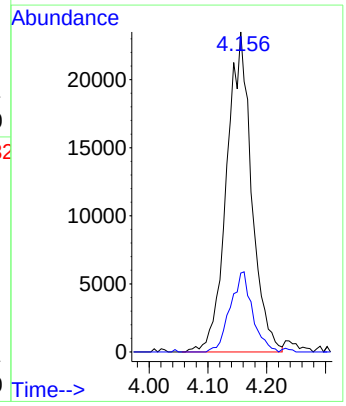


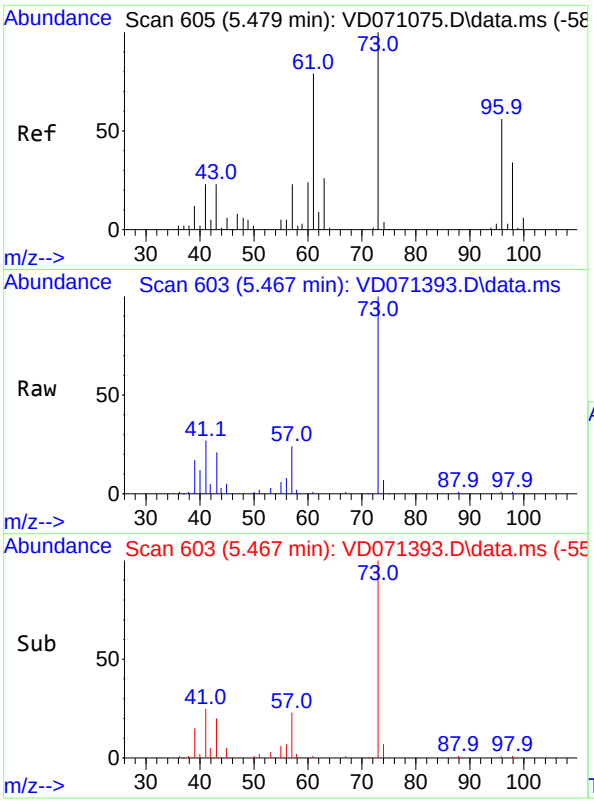


#16
Acetone
Concen: 75.322 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071393.D
Acq: 20 Dec 2021 17:24

Tgt Ion: 43 Resp: 69243

Ion	Ratio	Lower	Upper
43	100		
58	24.7	27.8	41.8#



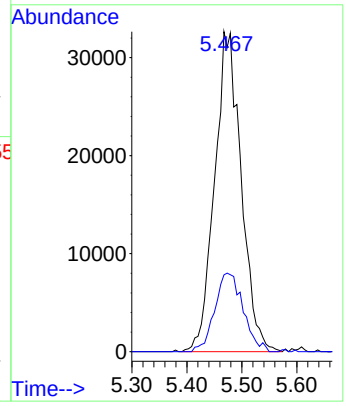


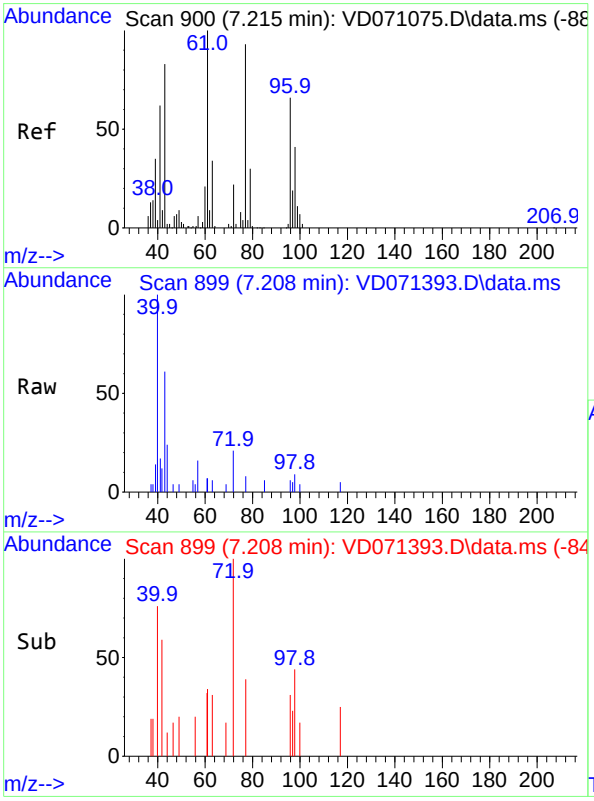
#19
Methyl tert-butyl Ether
Concen: 11.013 ug/l
RT: 5.467 min Scan# 6
Delta R.T. -0.012 min
Lab File: VD071393.D
Acq: 20 Dec 2021 17:24

Instrument :
MSVOA_D
ClientSampleId :
DA-10-4.5

Tgt Ion: 73 Resp: 109653

Ion	Ratio	Lower	Upper
73	100		
57	24.0	18.9	28.3

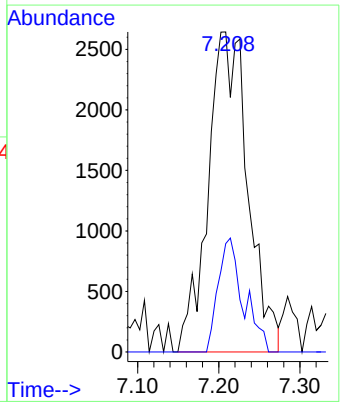


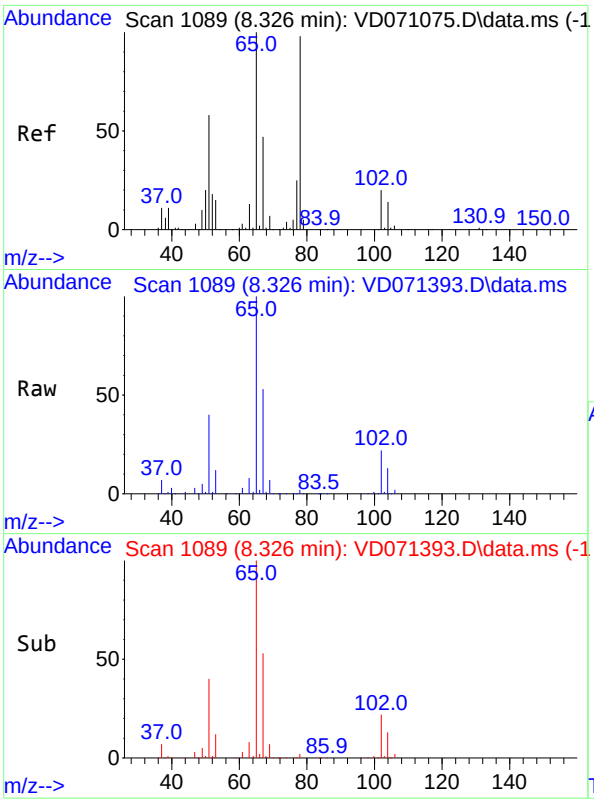


#25
2-Butanone
Concen: 33.462 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.007 min
Lab File: VD071393.D
Acq: 20 Dec 2021 17:24

Tgt Ion: 43 Resp: 9065

Ion	Ratio	Lower	Upper
43	100		
72	33.9	23.8	35.6



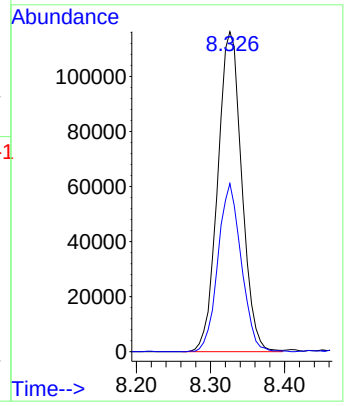


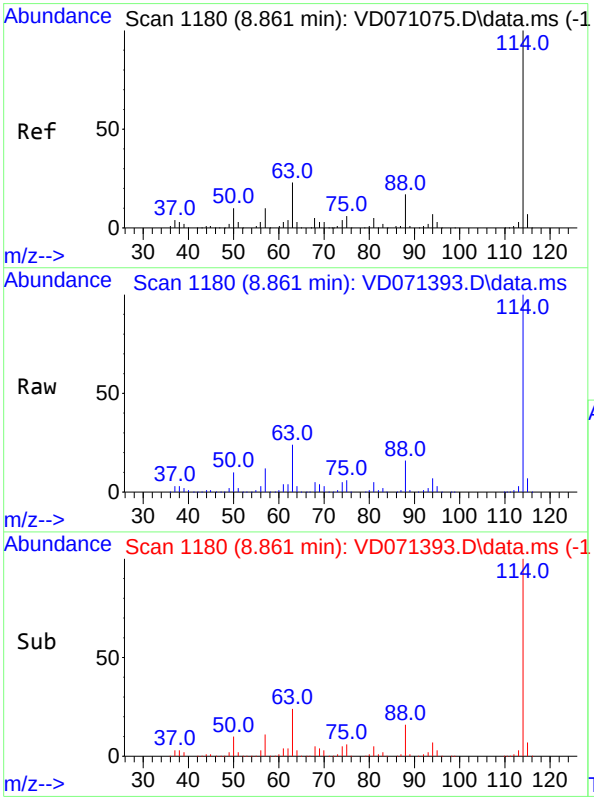
#33
1,2-Dichloroethane-d4
Concen: 51.034 ug/l
RT: 8.326 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD071393.D
Acq: 20 Dec 2021 17:24

Instrument :
MSVOA_D
ClientSampleId :
DA-10-4.5

Tgt Ion: 65 Resp: 262064

Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	112.2

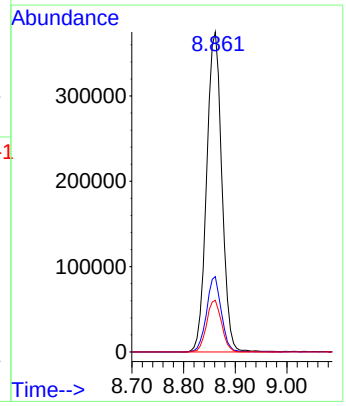


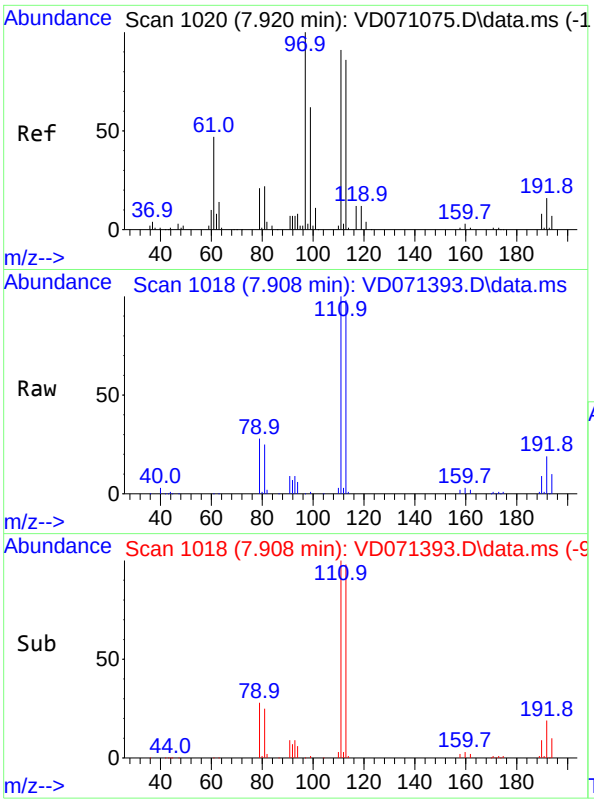


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071393.D
Acq: 20 Dec 2021 17:24

Tgt Ion:114 Resp: 766882

Ion	Ratio	Lower	Upper
114	100		
63	23.6	0.0	41.8
88	16.2	0.0	32.8



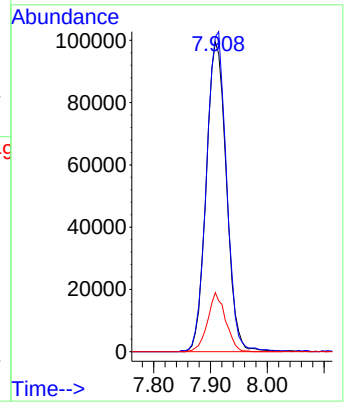


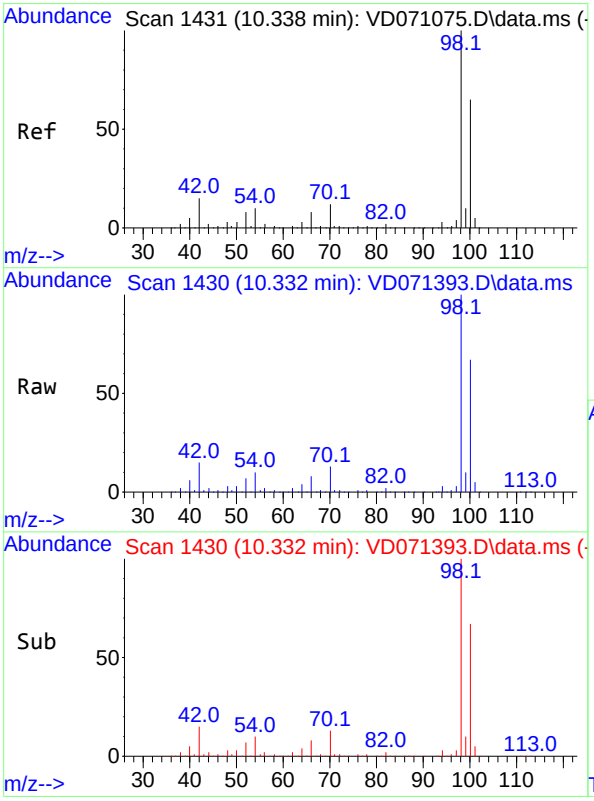
#35
Dibromofluoromethane
Concen: 50.124 ug/l
RT: 7.908 min Scan# 1
Delta R.T. -0.012 min
Lab File: VD071393.D
Acq: 20 Dec 2021 17:24

Instrument :
MSVOA_D
ClientSampleId :
DA-10-4.5

Tgt Ion:113 Resp: 244778

Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.0	123.0
192	17.0	15.2	22.8

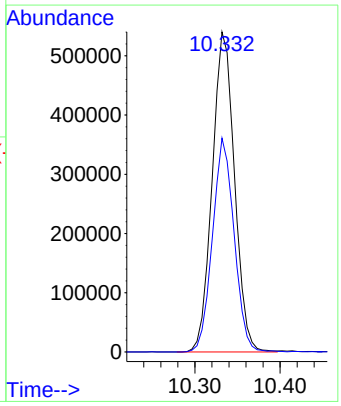


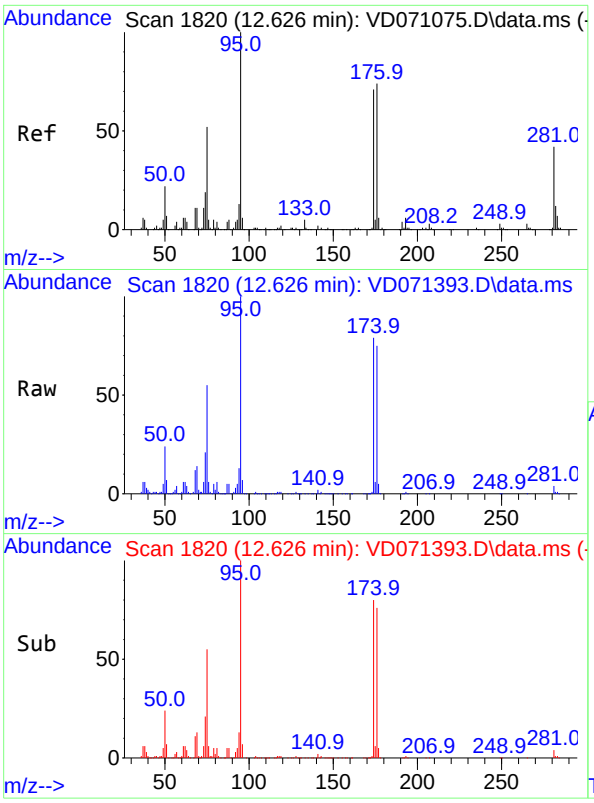


#50
Toluene-d8
Concen: 52.778 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD071393.D
Acq: 20 Dec 2021 17:24

Tgt Ion: 98 Resp: 980828

Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.8	77.6



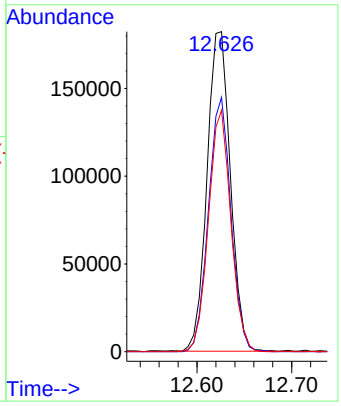


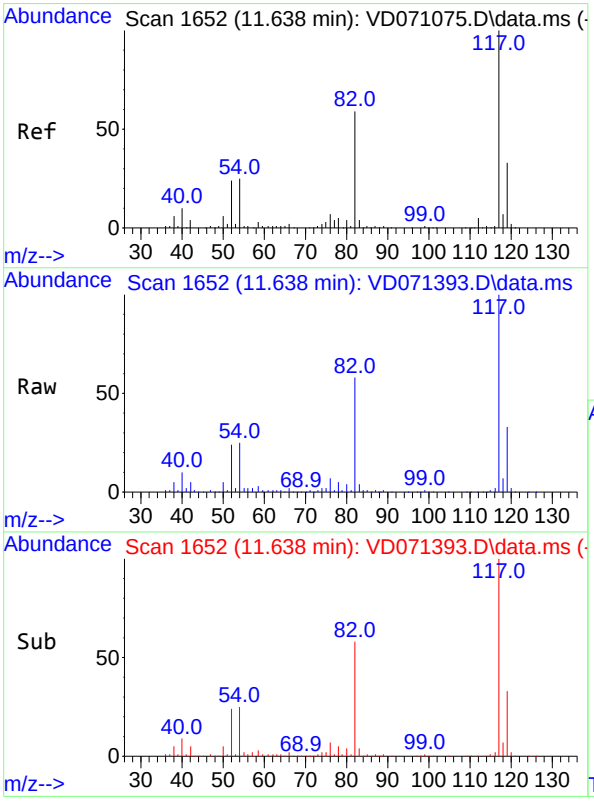
#62
4-Bromofluorobenzene
Concen: 48.485 ug/l
RT: 12.626 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD071393.D
Acq: 20 Dec 2021 17:24

Instrument :
MSVOA_D
ClientSampleId :
DA-10-4.5

Tgt Ion: 95 Resp: 312333

Ion	Ratio	Lower	Upper
95	100		
174	76.6	0.0	159.4
176	72.2	0.0	154.0

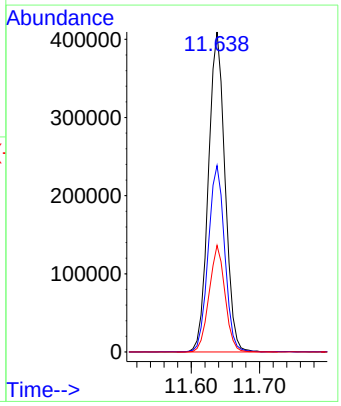


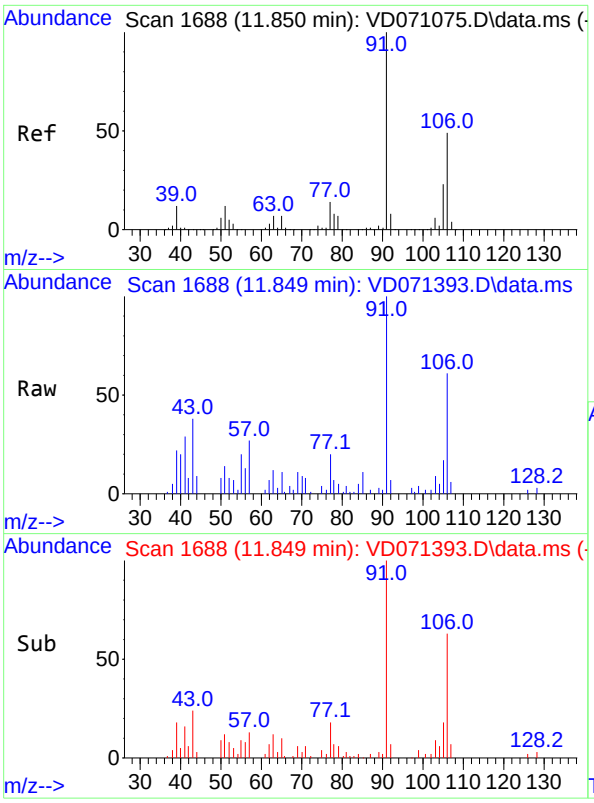


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071393.D
Acq: 20 Dec 2021 17:24

Tgt Ion:117 Resp: 693143

Ion	Ratio	Lower	Upper
117	100		
82	58.2	44.7	67.1
119	33.3	26.2	39.4



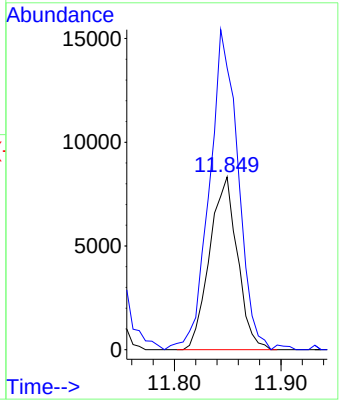


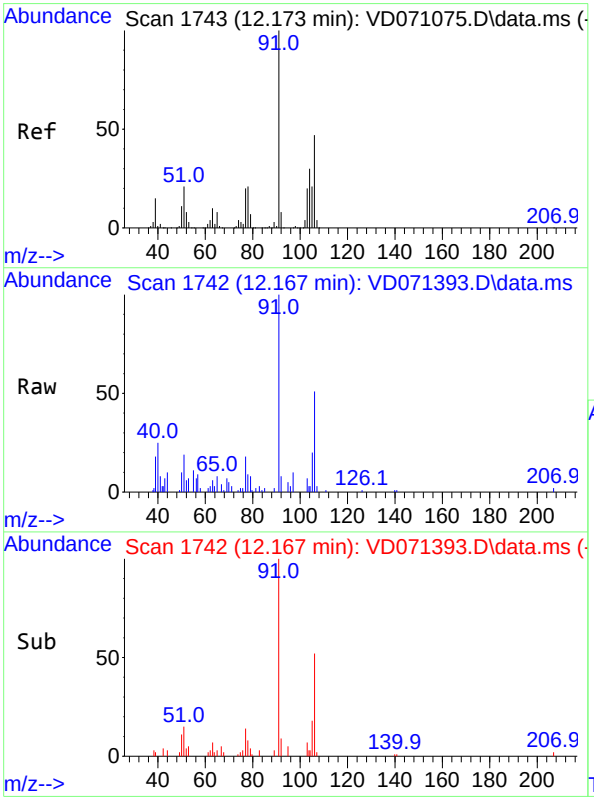
#68
m/p-Xylenes
Concen: 1.651 ug/l
RT: 11.849 min Scan# 1
Delta R.T. -0.001 min
Lab File: VD071393.D
Acq: 20 Dec 2021 17:24

Instrument :
MSVOA_D
ClientSampleId :
DA-10-4.5

Tgt Ion:106 Resp: 15091

Ion	Ratio	Lower	Upper
106	100		
91	191.6	160.1	240.1

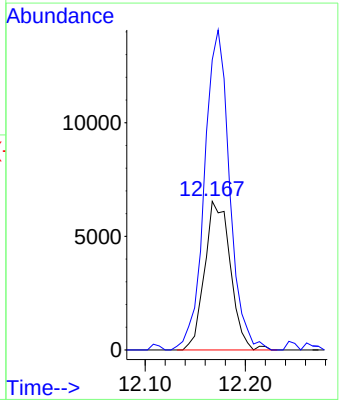


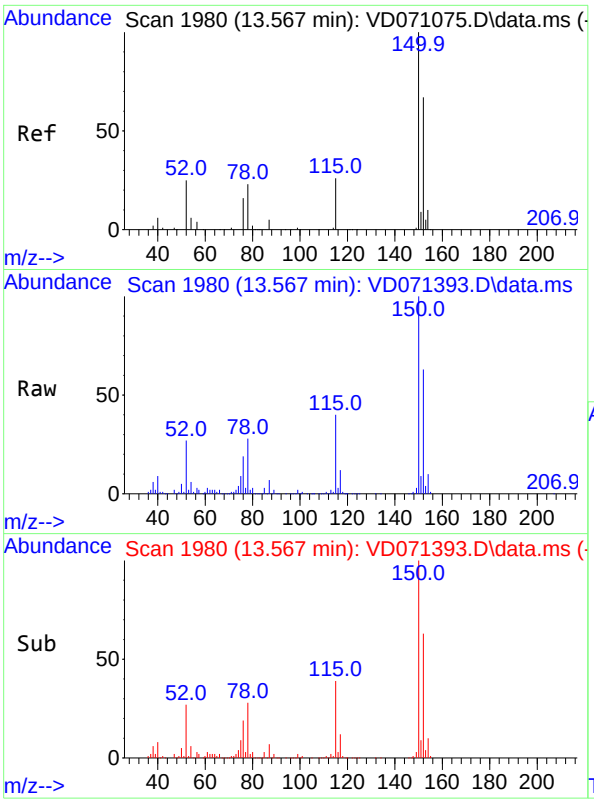


#69
o-Xylene
Concen: 1.359 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VD071393.D
Acq: 20 Dec 2021 17:24

Tgt Ion:106 Resp: 11671

Ion	Ratio	Lower	Upper
106	100		
91	210.4	106.3	319.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD071393.D
Acq: 20 Dec 2021 17:24

Instrument :
MSVOA_D
ClientSampleId :
DA-10-4.5

Tgt Ion:152 Resp: 296625

Ion	Ratio	Lower	Upper
152	100		
115	61.8	29.8	89.3
150	158.5	0.0	349.2