Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032322\
Data File : VD072393.D
Acq On : 23 Mar 2022 19:33
Operator : VA/SY
Sample : N2077-09
Misc : 5.98G/5.00ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-14A-3-2-(3.0-3.5)

Quant Time: Mar 24 00:55:13 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 14 05:18:06 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.979	168	420693	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	724926	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	767793	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	316025	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	200097	42.679	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 85.360%			
35) Dibromofluoromethane	7.914	113	216201	42.381	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 84.760%			
50) Toluene-d8	10.332	98	922620	49.462	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.920%			
62) 4-Bromofluorobenzene	12.620	95	394913	54.487	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 108.980%			
Target Compounds						Qvalue
40) Benzene	8.344	78	117500	5.755	ug/l	100
52) Toluene	10.403	92	57912	4.311	ug/l	96

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

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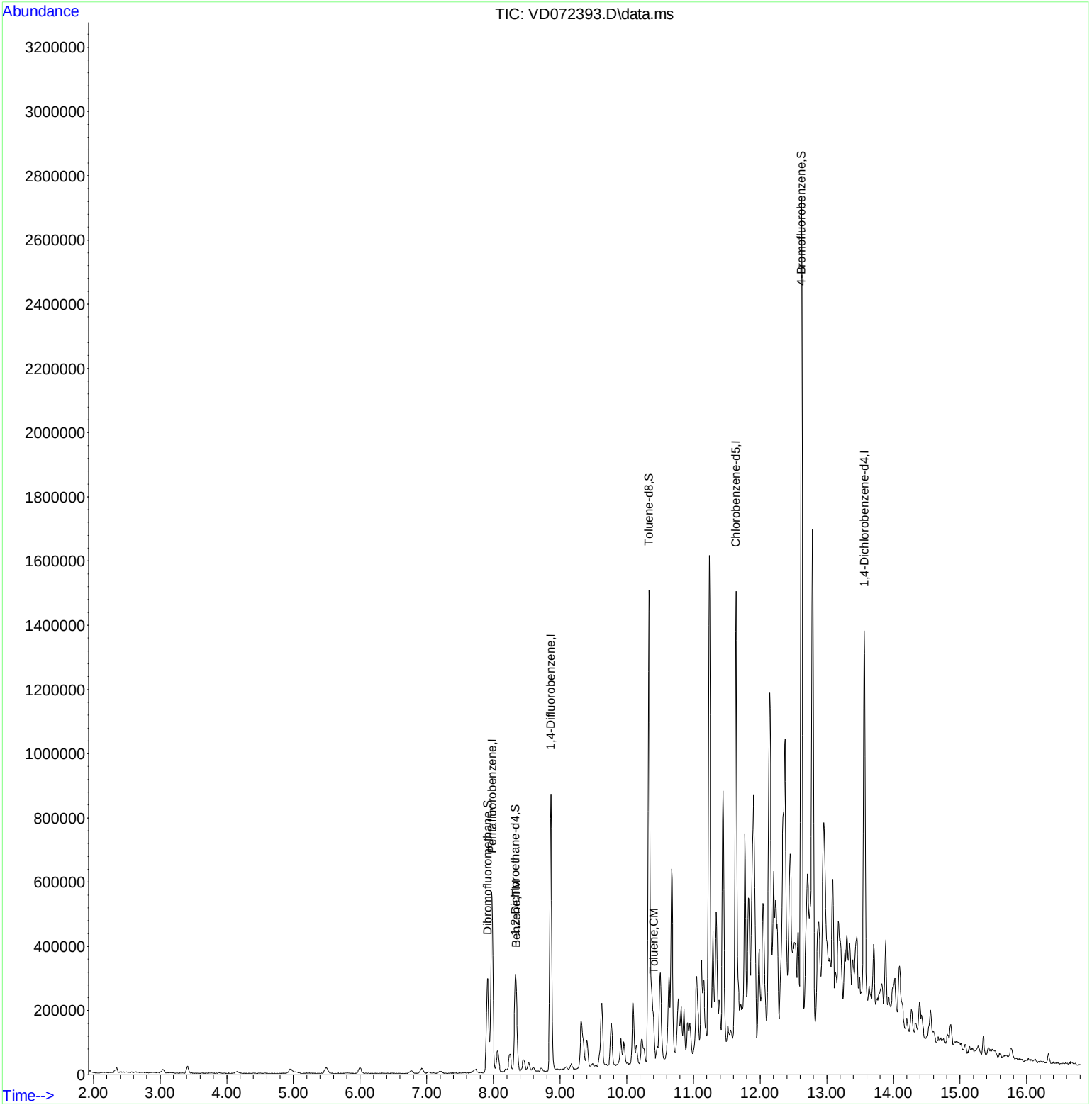
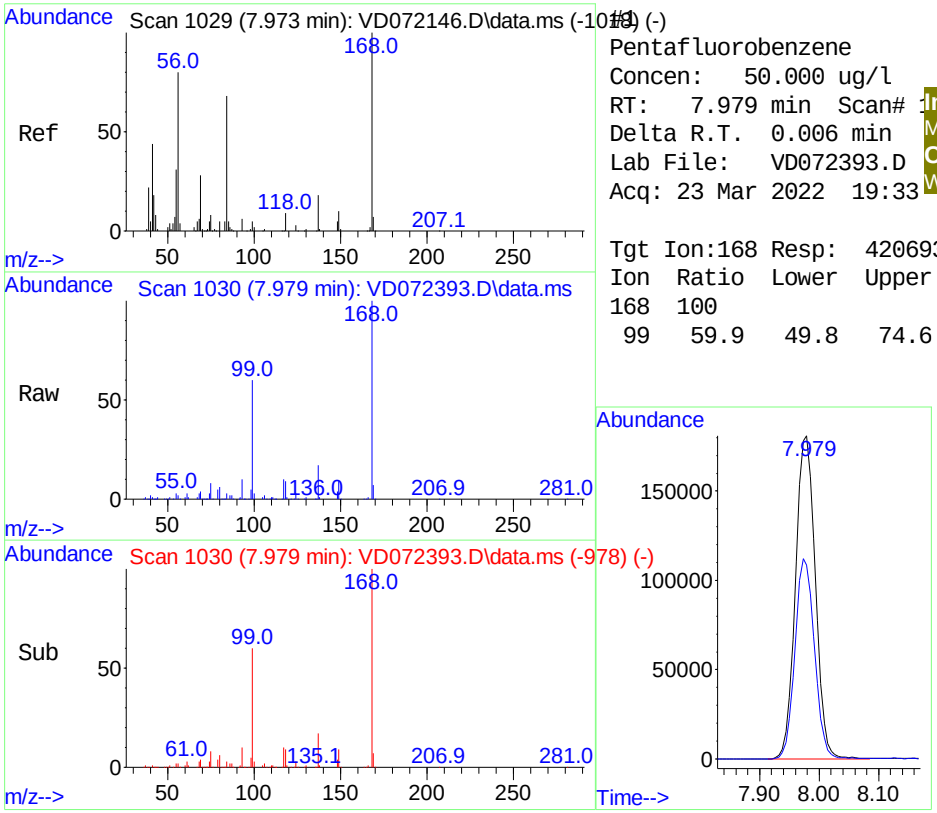


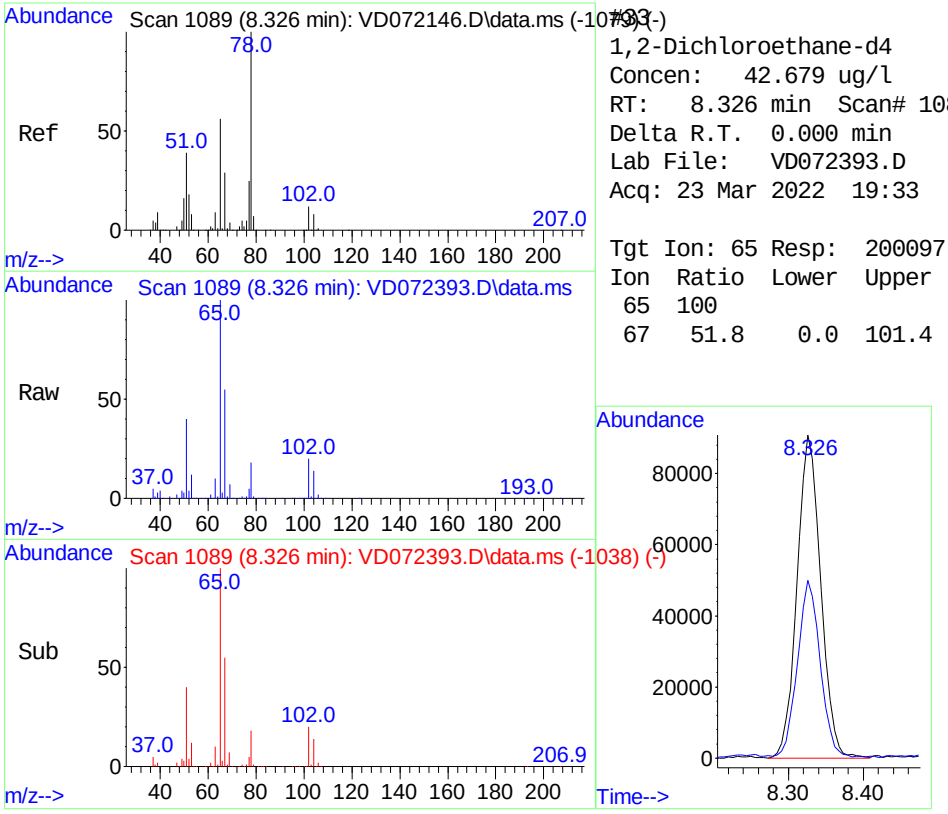


#4
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1
Delta R.T. 0.006 min
Lab File: VD072393.D
Acq: 23 Mar 2022 19:33

Instrument :
MSVOA_D
ClientSampleId :
WC-14A-3-2-(3.0-3.5)

Tgt Ion:168 Resp: 420693

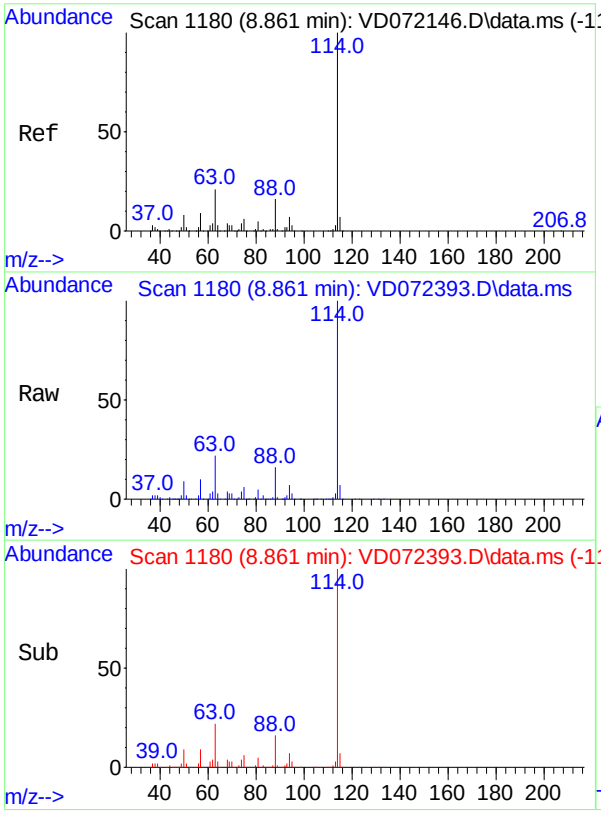
Ion	Ratio	Lower	Upper
168	100		
99	59.9	49.8	74.6



#33
1,2-Dichloroethane-d4
Concen: 42.679 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072393.D
Acq: 23 Mar 2022 19:33

Tgt Ion: 65 Resp: 200097

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	101.4

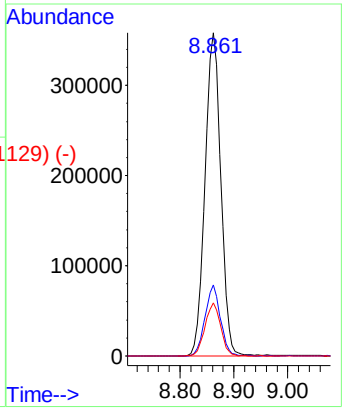


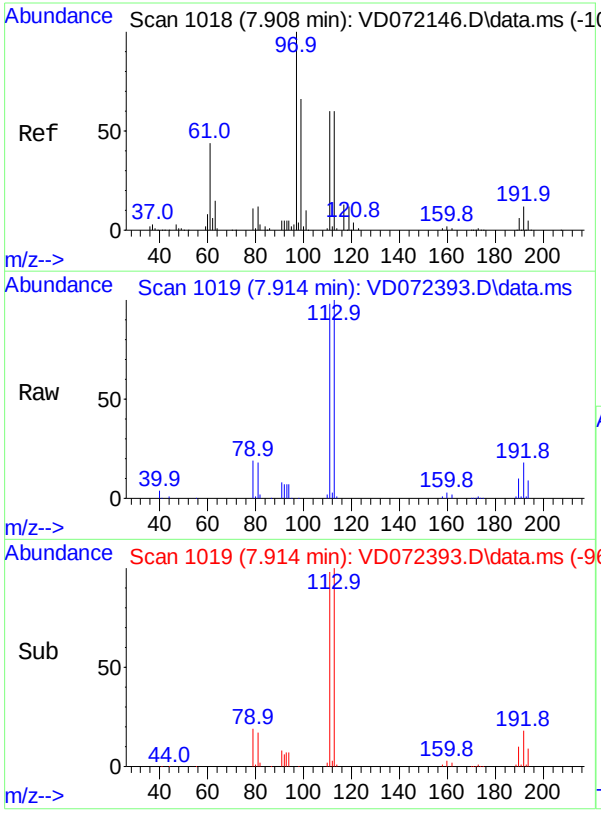
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD072393.D
Acq: 23 Mar 2022 19:33

Instrument :
MSVOA_D
ClientSampleId :
WC-14A-3-2-(3.0-3.5)

Tgt Ion:114 Resp: 724926

Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	46.6
88	16.4	0.0	33.2

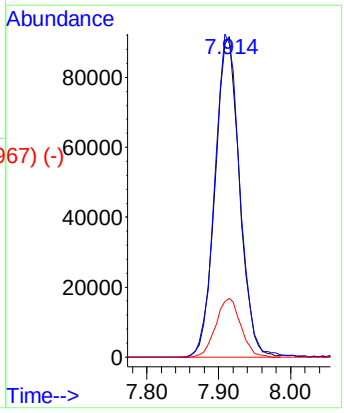


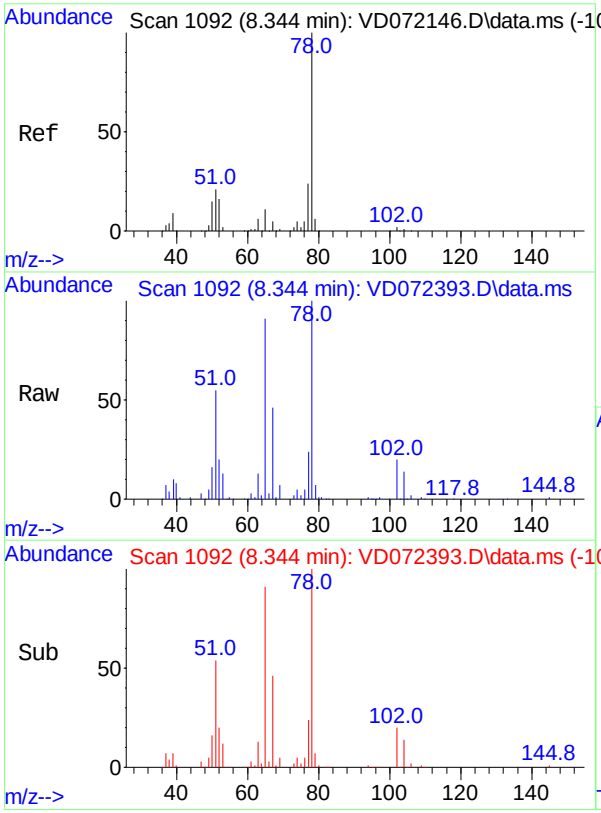


#35
Dibromofluoromethane
Concen: 42.381 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD072393.D
Acq: 23 Mar 2022 19:33

Tgt Ion:113 Resp: 216201

Ion	Ratio	Lower	Upper
113	100		
111	103.1	83.8	125.6
192	18.7	14.6	21.8



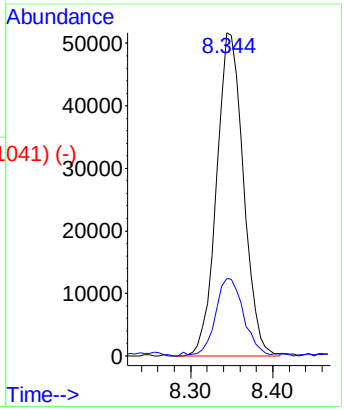


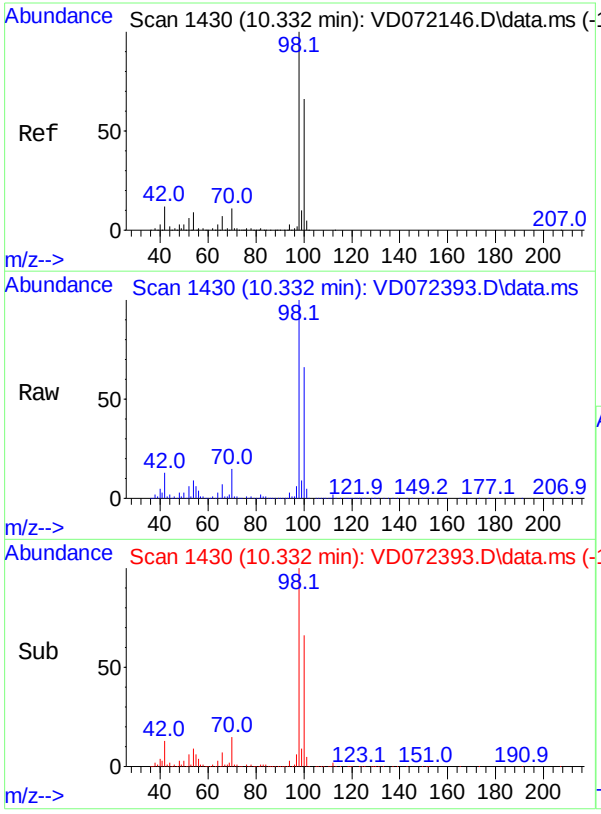
#40
Benzene
Concen: 5.755 ug/l
RT: 8.344 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD072393.D
Acq: 23 Mar 2022 19:33

Instrument :
MSVOA_D
ClientSampleId :
WC-14A-3-2-(3.0-3.5)

Tgt Ion: 78 Resp: 117500

Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.1	28.7

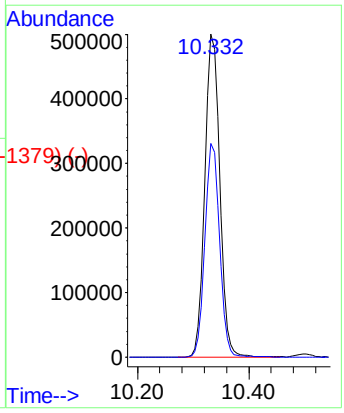


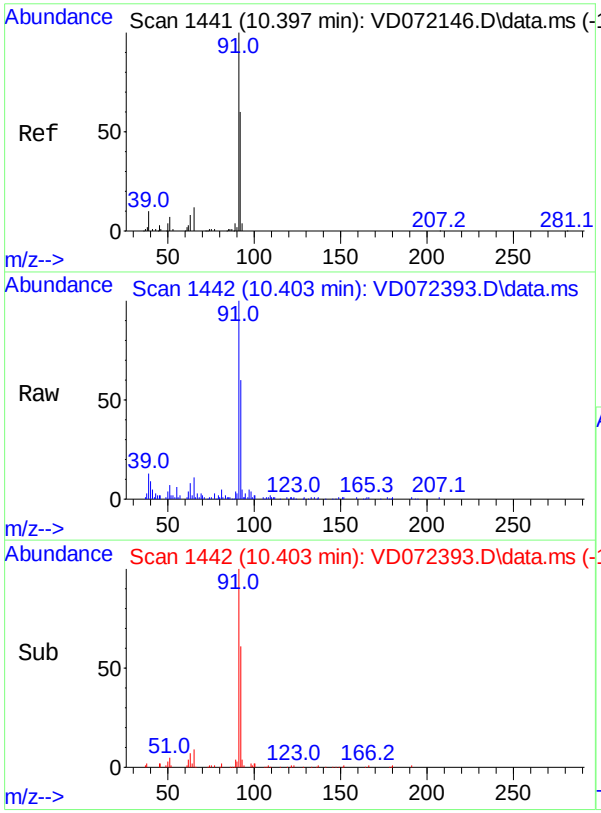


#50
Toluene-d8
Concen: 49.462 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072393.D
Acq: 23 Mar 2022 19:33

Tgt Ion: 98 Resp: 922620

Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.4	78.6



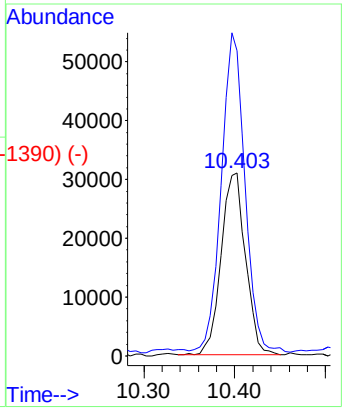


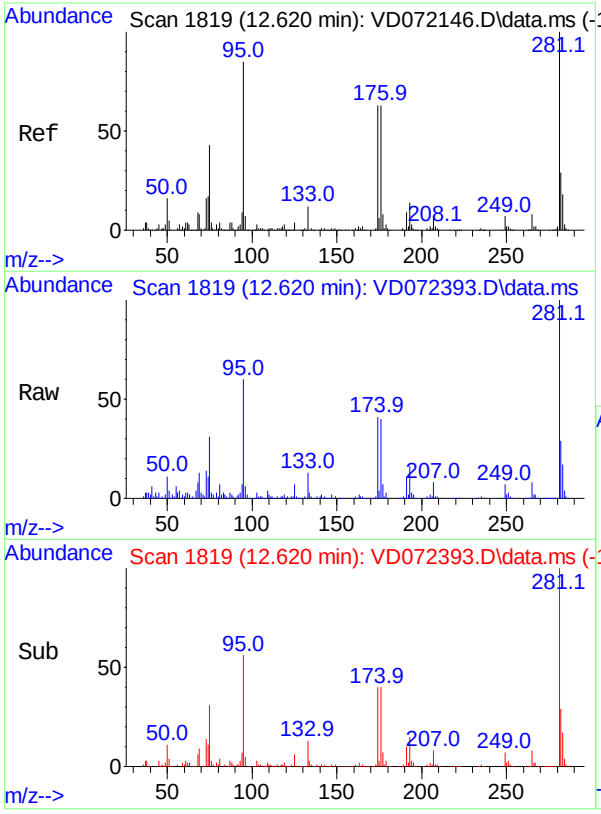
#52
Toluene
Concen: 4.311 ug/l
RT: 10.403 min Scan# 1
Delta R.T. 0.006 min
Lab File: VD072393.D
Acq: 23 Mar 2022 19:33

Instrument :
MSVOA_D
ClientSampleId :
WC-14A-3-2-(3.0-3.5)

Tgt Ion: 92 Resp: 57912

Ion	Ratio	Lower	Upper
92	100		
91	169.0	139.6	209.4

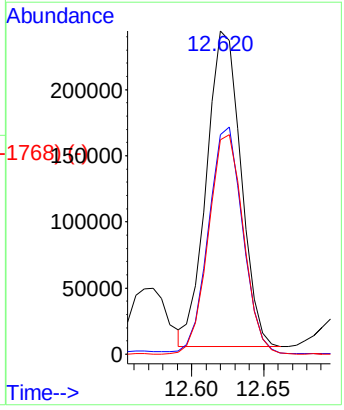


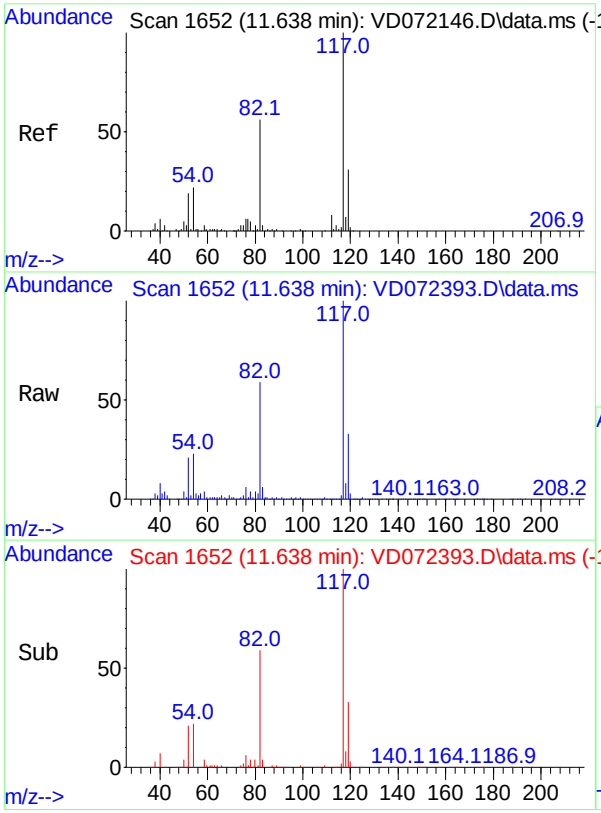


#62
4-Bromofluorobenzene
Concen: 54.487 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072393.D
Acq: 23 Mar 2022 19:33

Tgt Ion: 95 Resp: 394913

Ion	Ratio	Lower	Upper
95	100		
174	71.8	0.0	152.8
176	70.9	0.0	145.4



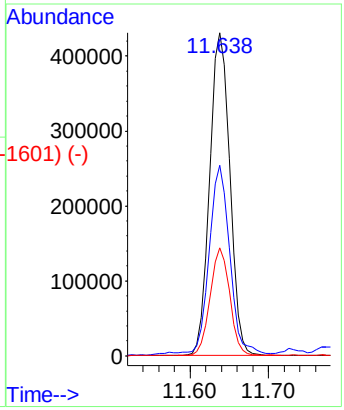


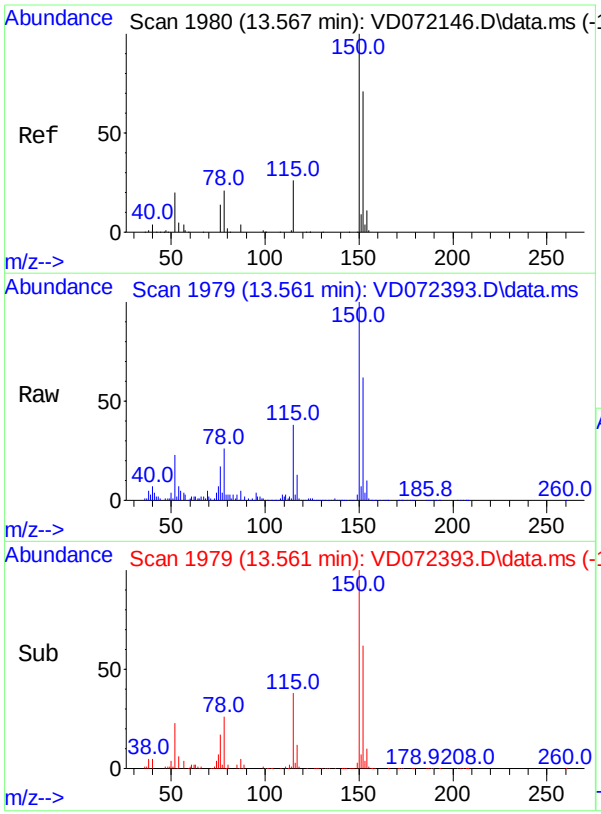
#68
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD072393.D
Acq: 23 Mar 2022 19:33

Instrument :
MSVOA_D
ClientSampleId :
WC-14A-3-2-(3.0-3.5)

Tgt Ion:117 Resp: 767793

Ion	Ratio	Lower	Upper
117	100		
82	58.0	45.3	67.9
119	33.3	26.6	40.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072393.D
Acq: 23 Mar 2022 19:33

Tgt Ion:152 Resp: 316025

Ion	Ratio	Lower	Upper
152	100		
115	58.7	31.3	93.8
150	155.3	0.0	348.6