Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110922\
Data File : VX032688.D
Acq On : 09 Nov 2022 18:34
Operator : JC/MD
Sample : N5551-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-8

Quant Time: Nov 10 03:06:32 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	109608	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	182440	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	156855	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71886	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	77528	50.906	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.820%			
35) Dibromofluoromethane	5.385	113	59824	45.970	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 91.940%			
50) Toluene-d8	8.653	98	219981	48.613	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.220%			
62) 4-Bromofluorobenzene	11.079	95	81062	45.859	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.720%			
Target Compounds						Qvalue
67) Ethyl Benzene	10.195	91	6560	1.044	ug/l	96
68) m/p-Xylenes	10.299	106	2798	1.147	ug/l	95
69) o-Xylene	10.646	106	562	0.237	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	2760	0.570	ug/l	97

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

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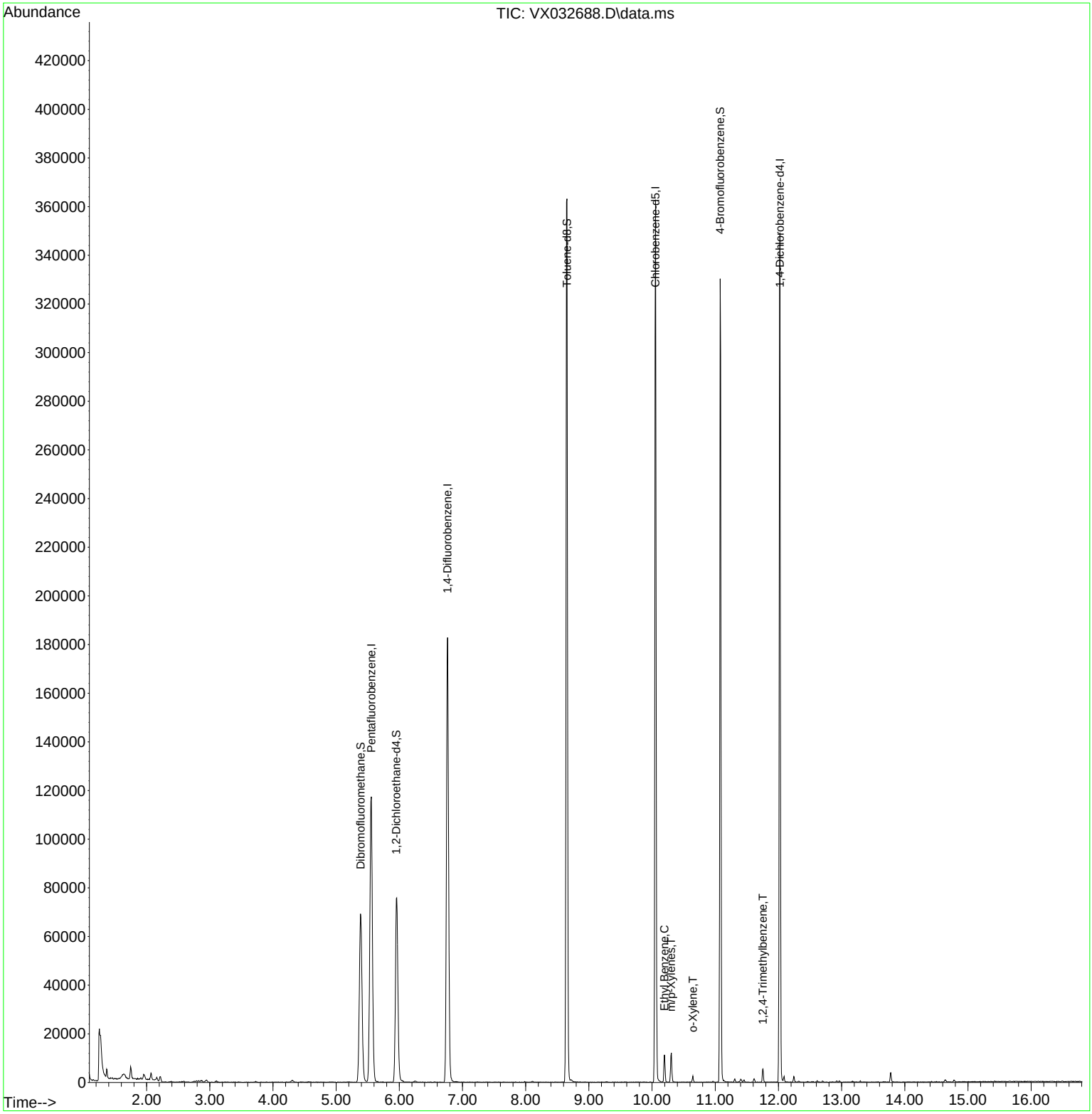
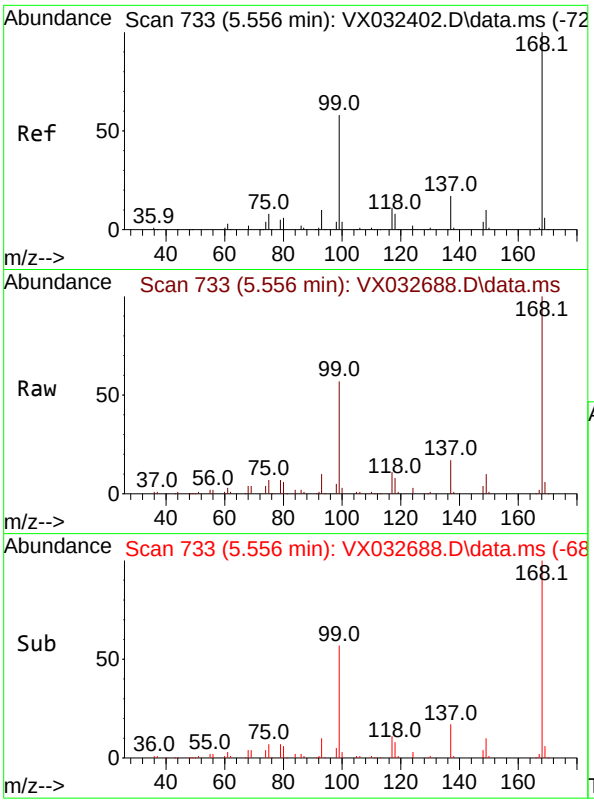


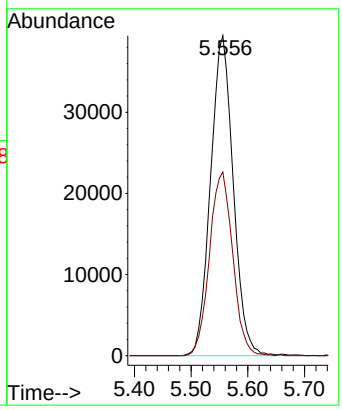


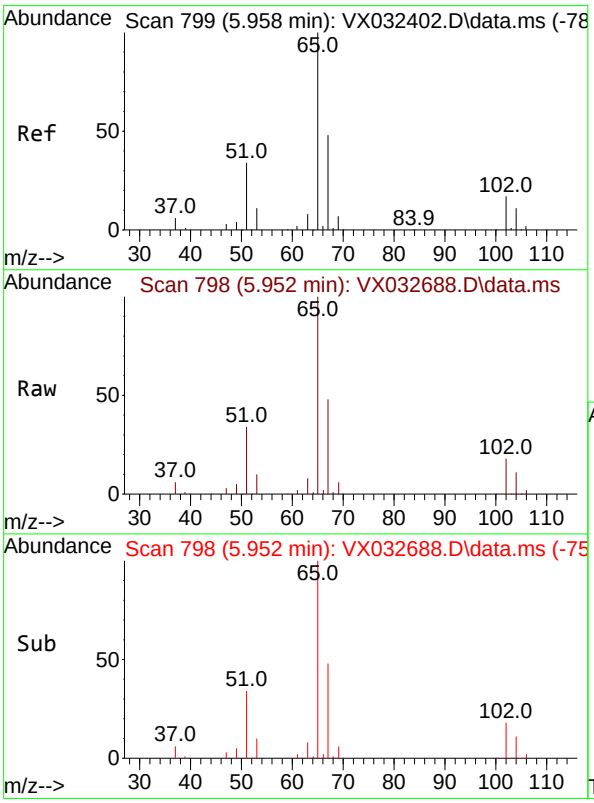
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX032688.D
Acq: 09 Nov 2022 18:34

Instrument :
MSVOA_X
ClientSampleId :
MW-8

Tgt Ion:168 Resp: 109608

Ion	Ratio	Lower	Upper
168	100		
99	57.4	46.1	69.1

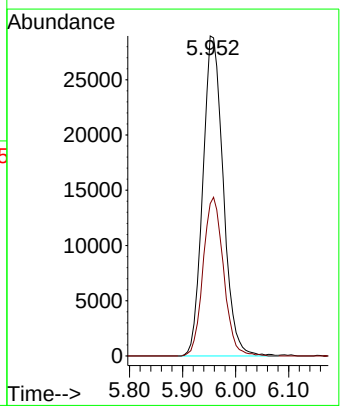


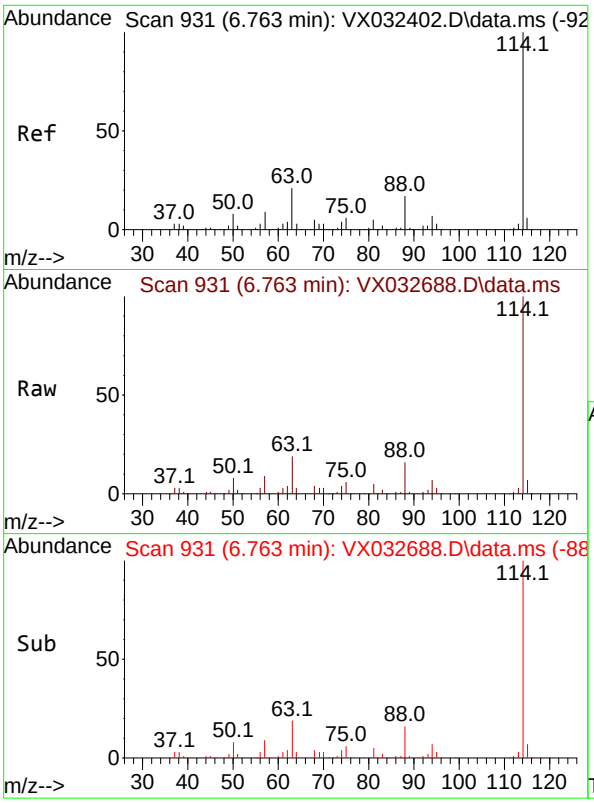


#33
1,2-Dichloroethane-d4
Concen: 50.906 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX032688.D
Acq: 09 Nov 2022 18:34

Tgt Ion: 65 Resp: 77528

Ion	Ratio	Lower	Upper
65	100		
67	49.7	0.0	101.8



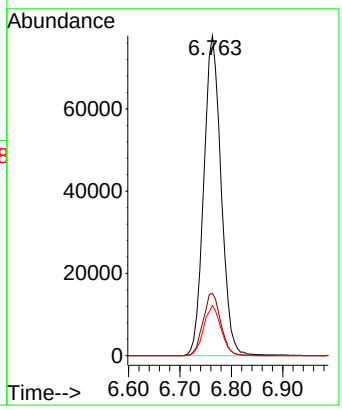


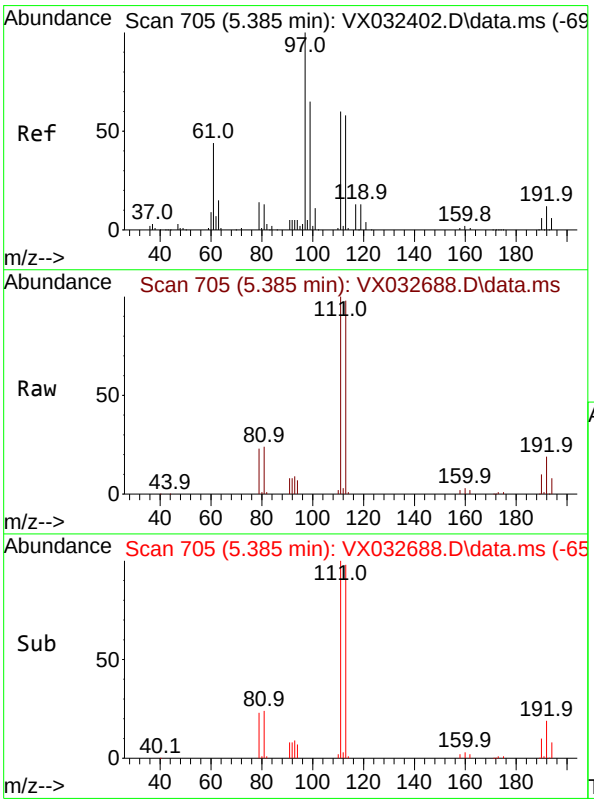
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX032688.D
Acq: 09 Nov 2022 18:34

Instrument :
MSVOA_X
ClientSampleId :
MW-8

Tgt Ion:114 Resp: 182440

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	41.6
88	15.7	0.0	33.4

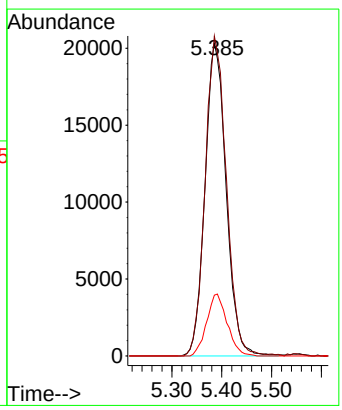


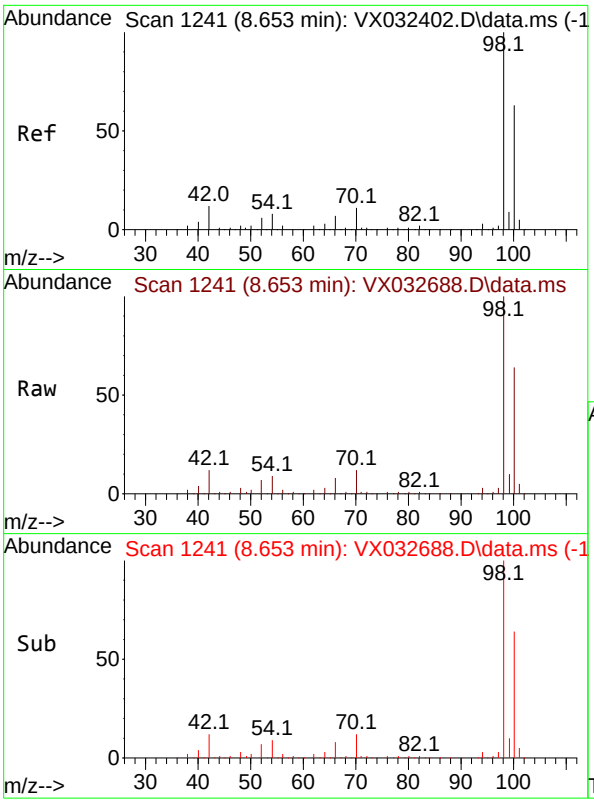


#35
Dibromofluoromethane
Concen: 45.970 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032688.D
Acq: 09 Nov 2022 18:34

Tgt Ion:113 Resp: 59824

Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.4	123.6
192	19.2	15.4	23.2



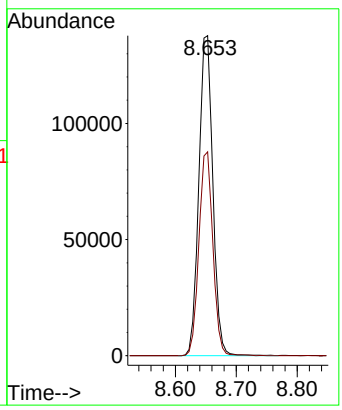


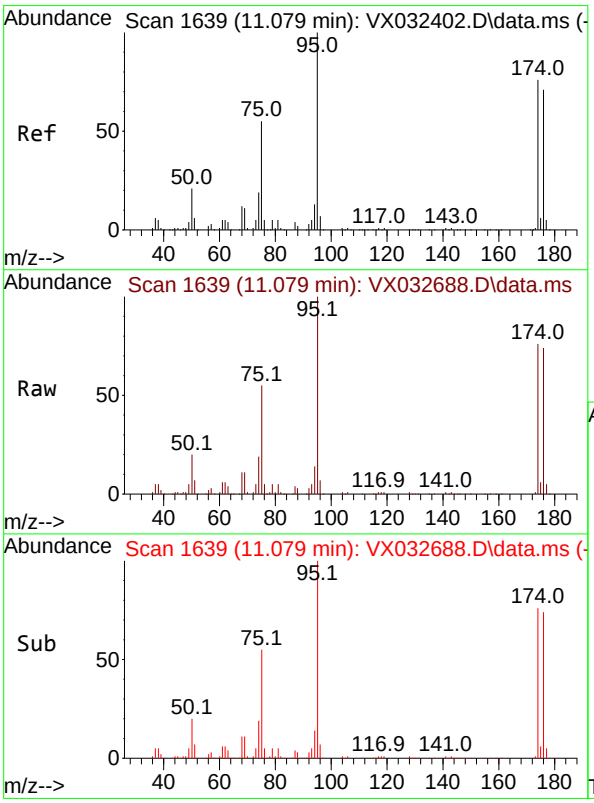
#50
Toluene-d8
Concen: 48.613 ug/l
RT: 8.653 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX032688.D
Acq: 09 Nov 2022 18:34

Instrument :
MSVOA_X
ClientSampleId :
MW-8

Tgt Ion: 98 Resp: 219981

Ion	Ratio	Lower	Upper
98	100		
100	63.7	50.9	76.3

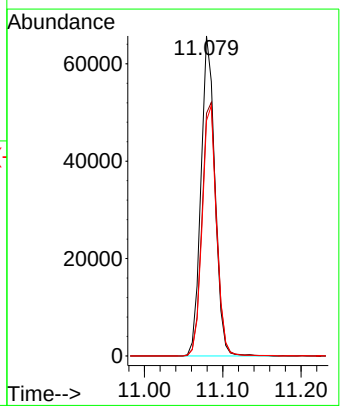


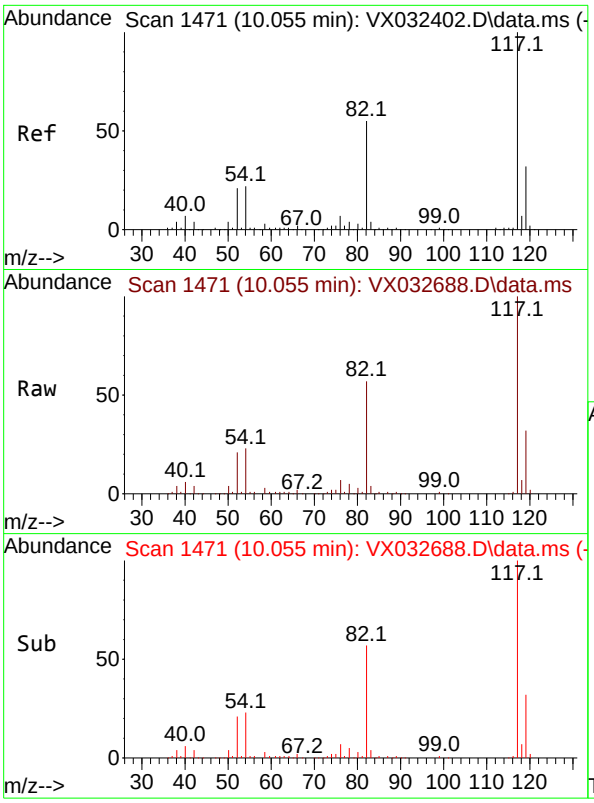


#62
4-Bromofluorobenzene
Concen: 45.859 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032688.D
Acq: 09 Nov 2022 18:34

Tgt Ion: 95 Resp: 81062

Ion	Ratio	Lower	Upper
95	100		
174	83.3	0.0	164.0
176	80.6	0.0	154.4



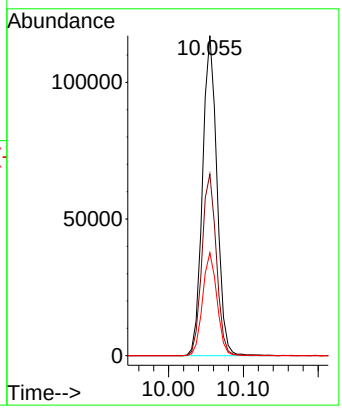


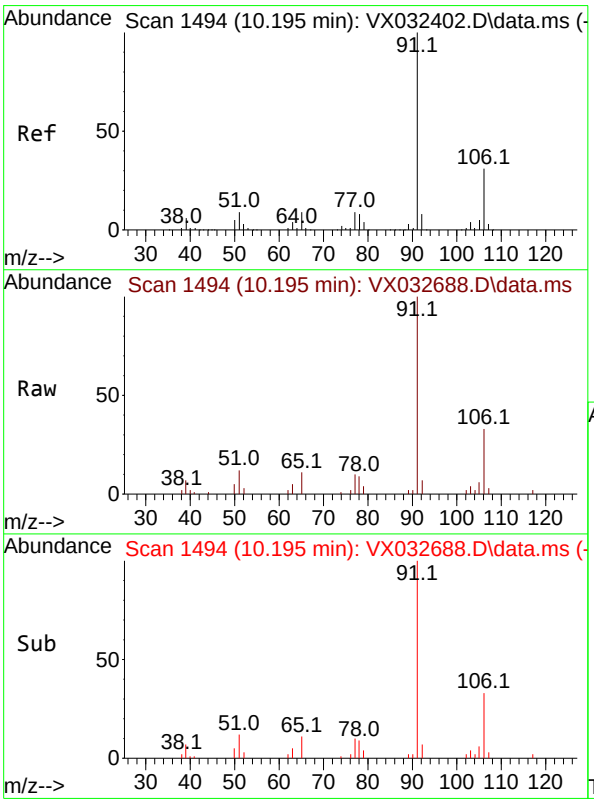
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX032688.D
Acq: 09 Nov 2022 18:34

Instrument :
MSVOA_X
ClientSampleId :
MW-8

Tgt Ion:117 Resp: 156855

Ion	Ratio	Lower	Upper
117	100		
82	56.7	44.3	66.5
119	32.1	25.7	38.5

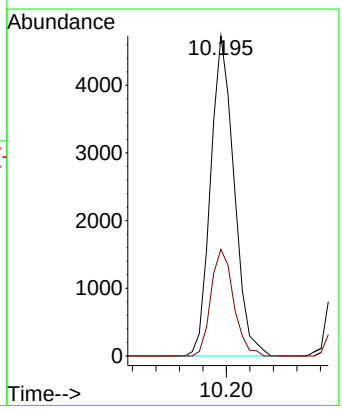


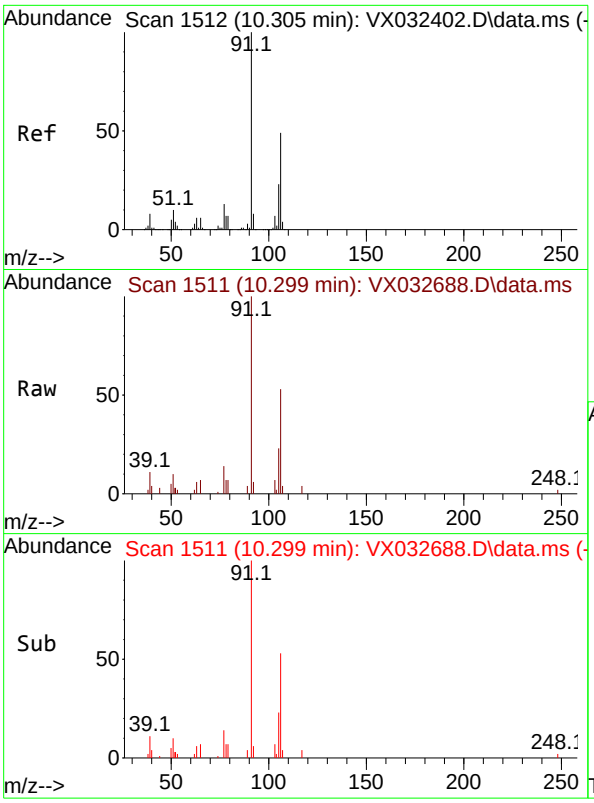


#67
Ethyl Benzene
Concen: 1.044 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032688.D
Acq: 09 Nov 2022 18:34

Tgt Ion: 91 Resp: 6560

Ion	Ratio	Lower	Upper
91	100		
106	33.3	25.0	37.6



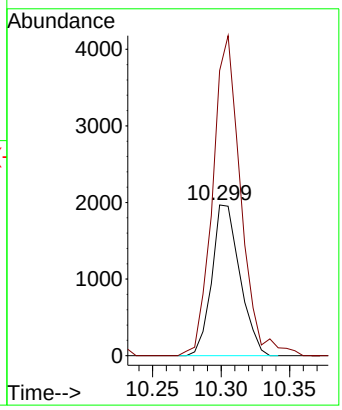


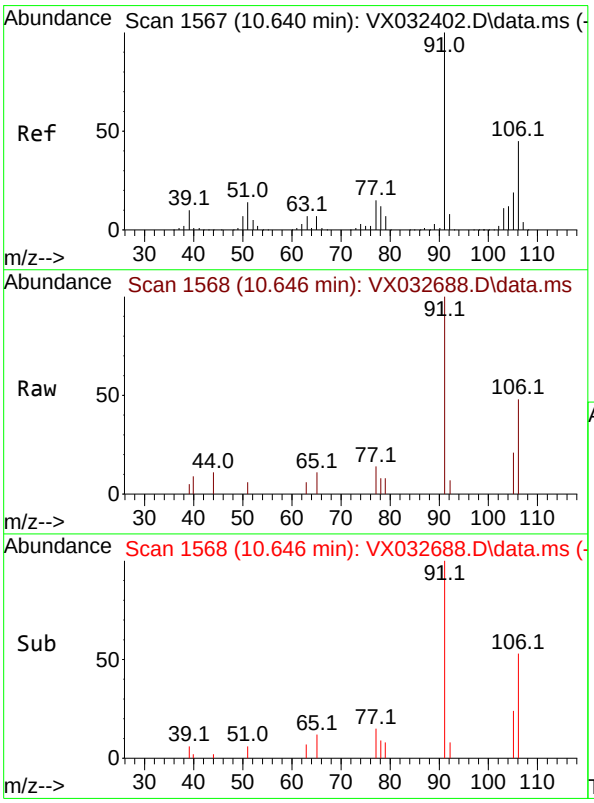
#68
m/p-Xylenes
Concen: 1.147 ug/l
RT: 10.299 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX032688.D
Acq: 09 Nov 2022 18:34

Instrument :
MSVOA_X
ClientSampleId :
MW-8

Tgt Ion:106 Resp: 2798

Ion	Ratio	Lower	Upper
106	100		
91	212.8	164.5	246.7

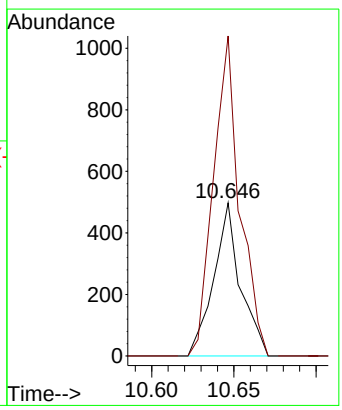


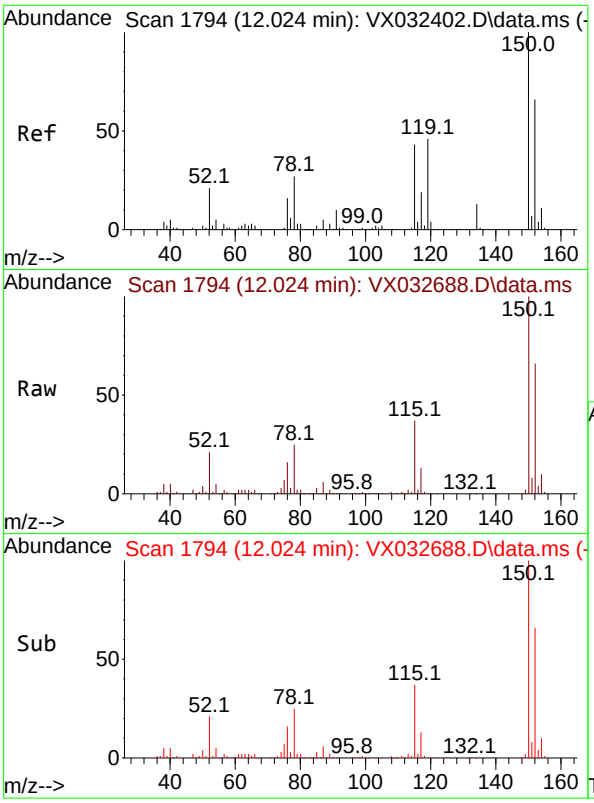


#69
o-Xylene
Concen: 0.237 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX032688.D
Acq: 09 Nov 2022 18:34

Tgt Ion:106 Resp: 562

Ion	Ratio	Lower	Upper
106	100		
91	205.9	109.2	327.6



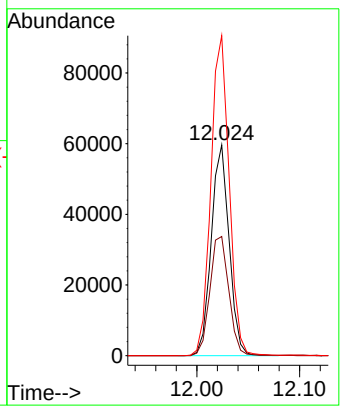


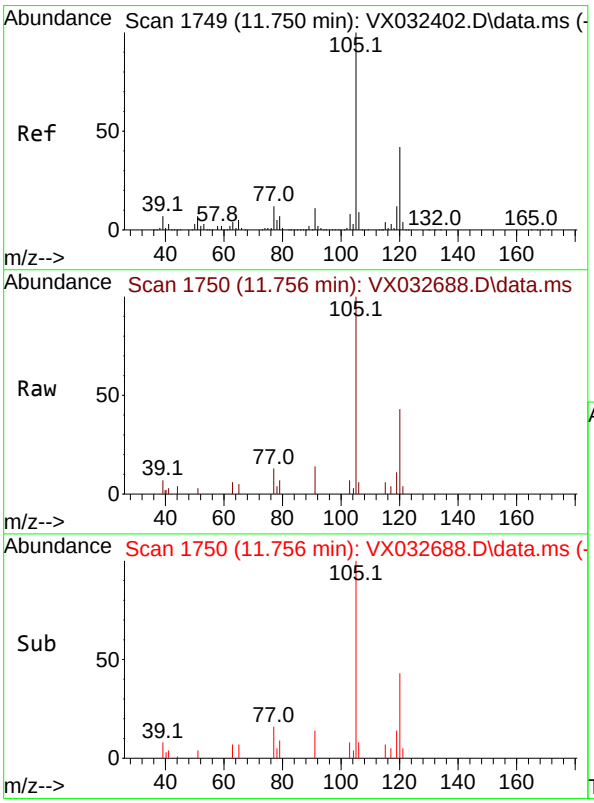
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX032688.D
Acq: 09 Nov 2022 18:34

Instrument :
MSVOA_X
ClientSampleId :
MW-8

Tgt Ion:152 Resp: 71886

Ion	Ratio	Lower	Upper
152	100		
115	60.1	44.0	132.0
150	155.3	0.0	351.8





#84
1,2,4-Trimethylbenzene
Concen: 0.570 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX032688.D
Acq: 09 Nov 2022 18:34

Tgt Ion:105 Resp: 2760

Ion	Ratio	Lower	Upper
105	100		
120	45.7	21.9	65.5