Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112822\
Data File : VX033088.D
Acq On : 28 Nov 2022 13:37
Operator : JC/MD
Sample : N5747-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-38D

Quant Time: Nov 29 01:43:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 22 13:58:46 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	131951	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	214832	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	188515	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86385	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	71477	55.799	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 111.600%			
35) Dibromofluoromethane	5.391	113	56379	46.550	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.100%			
50) Toluene-d8	8.647	98	191367	52.628	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.260%			
62) 4-Bromofluorobenzene	11.079	95	69358	43.595	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 87.180%			
Target Compounds						Qvalue
67) Ethyl Benzene	10.195	91	2615	0.392	ug/l	94
68) m/p-Xylenes	10.311	106	1458	0.558	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	1523	0.294	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	4733	0.915	ug/l	95

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

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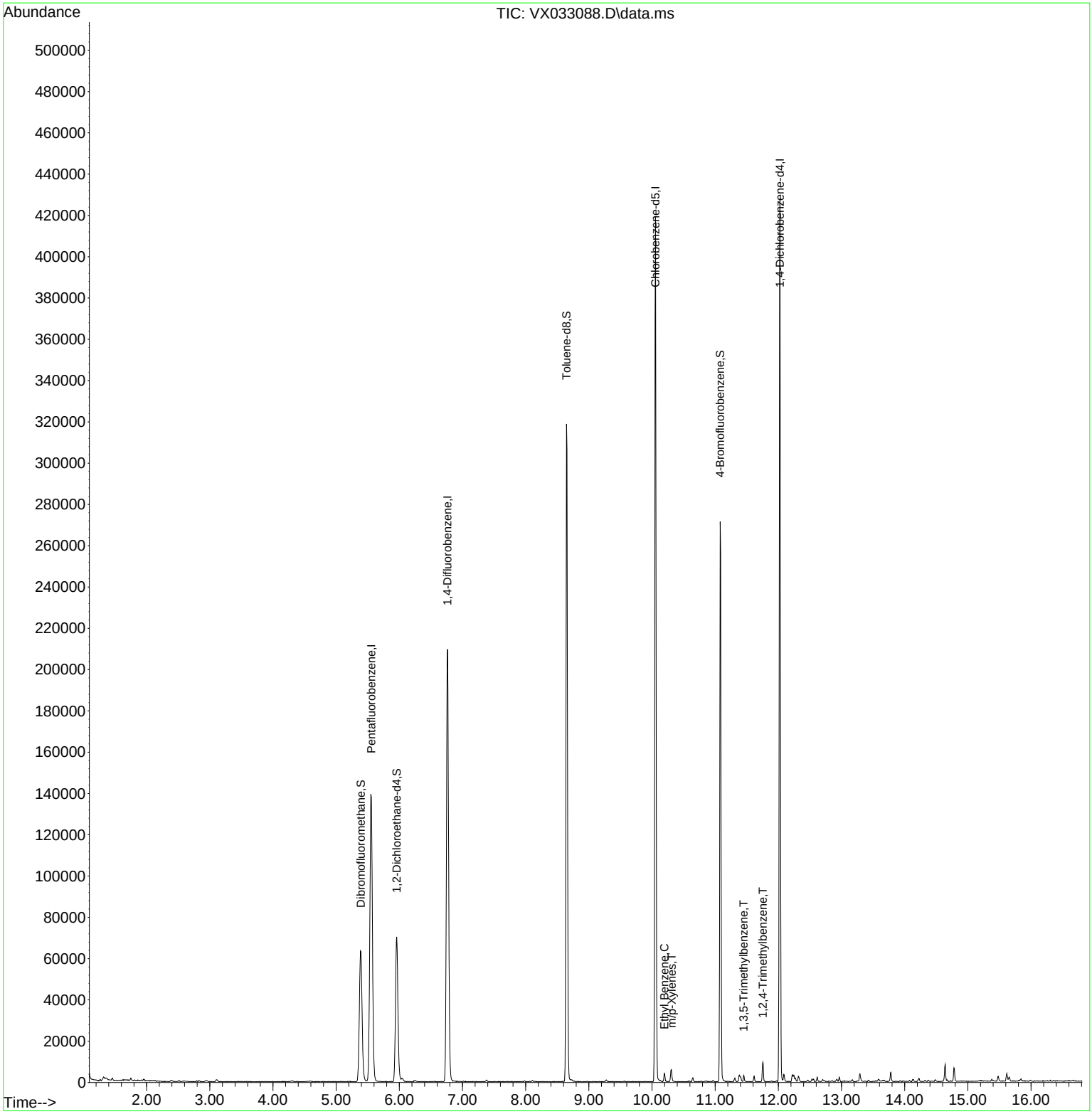
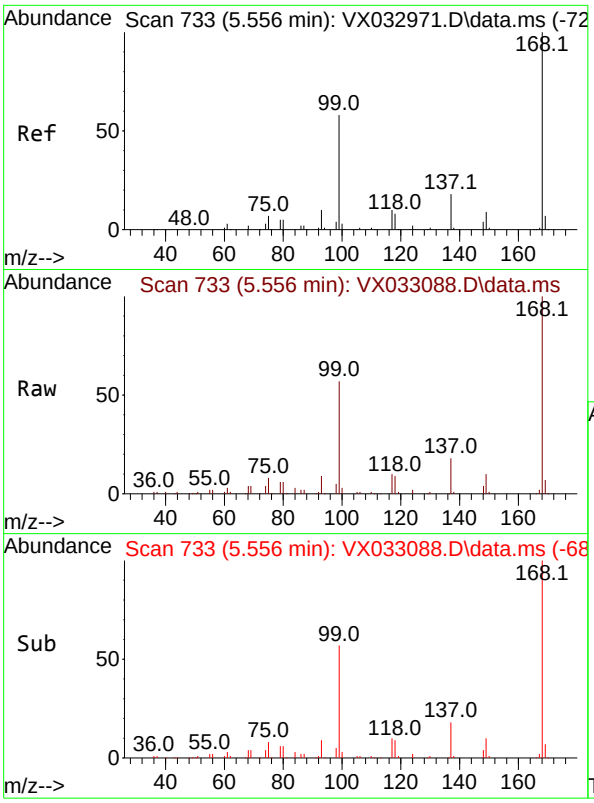


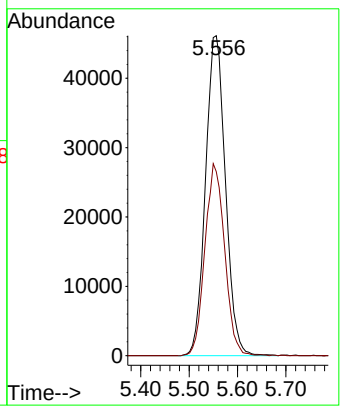


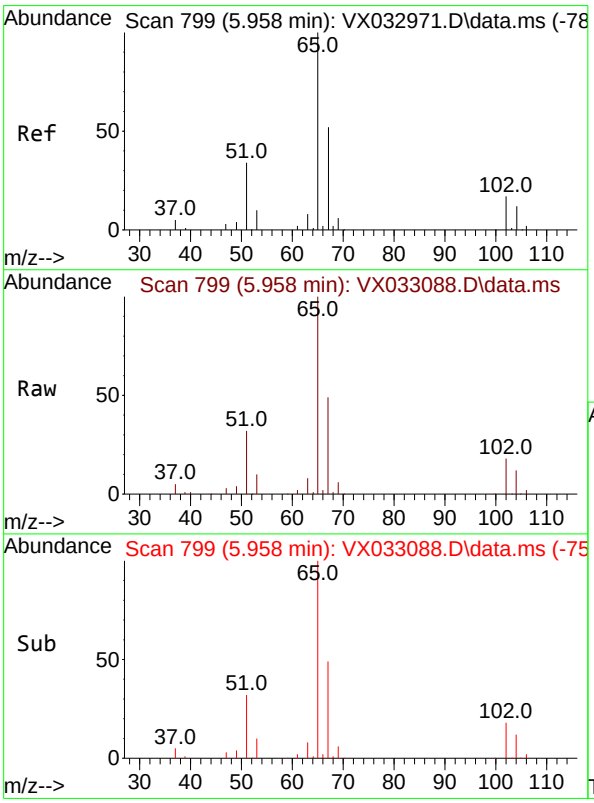
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX033088.D
Acq: 28 Nov 2022 13:37

Instrument :
MSVOA_X
ClientSampleId :
MW-38D

Tgt Ion:168 Resp: 131951

Ion	Ratio	Lower	Upper
168	100		
99	57.5	46.1	69.1

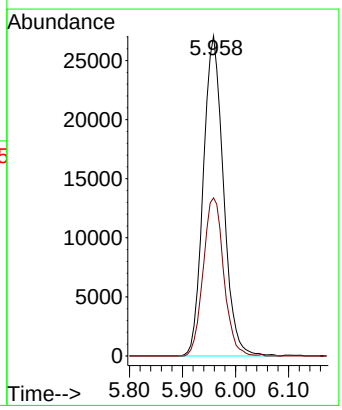


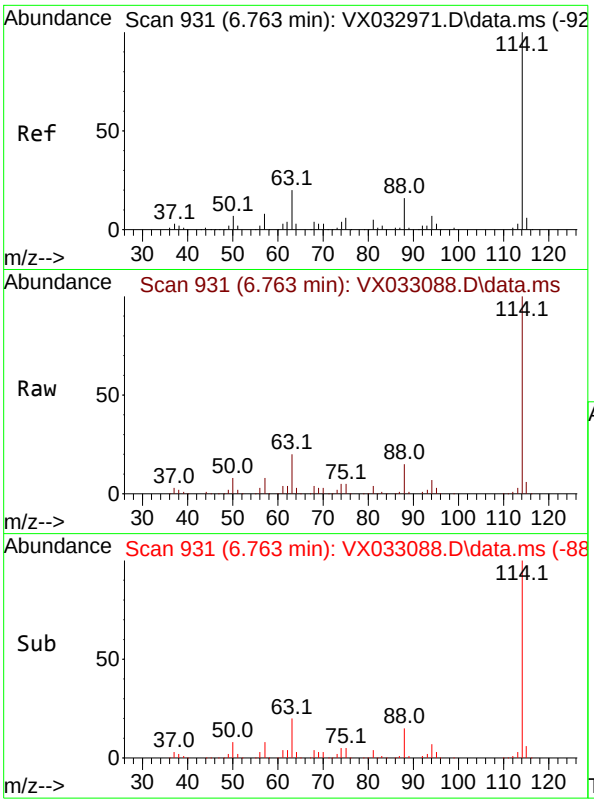


#33
1,2-Dichloroethane-d4
Concen: 55.799 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033088.D
Acq: 28 Nov 2022 13:37

Tgt Ion: 65 Resp: 71477

Ion	Ratio	Lower	Upper
65	100		
67	50.3	0.0	101.8



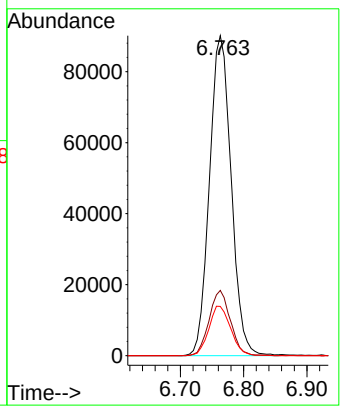


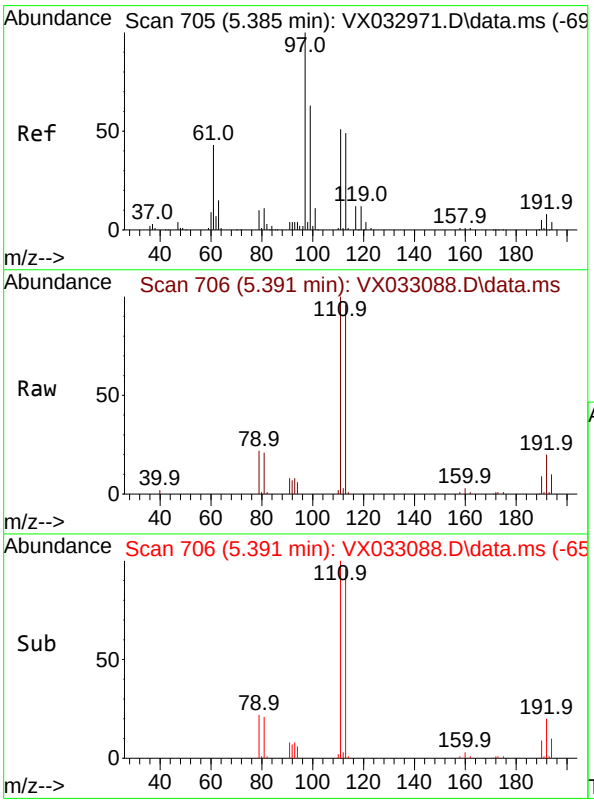
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX033088.D
Acq: 28 Nov 2022 13:37

Instrument :
MSVOA_X
ClientSampleId :
MW-38D

Tgt Ion:114 Resp: 214832

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	41.6
88	15.4	0.0	33.4

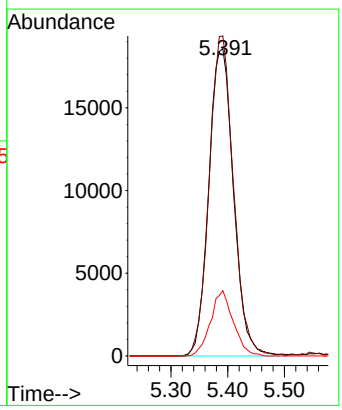


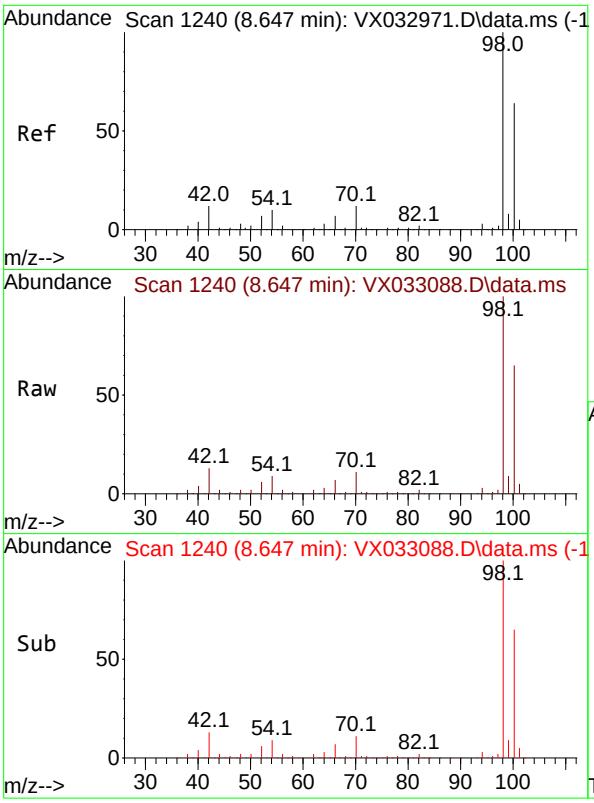


#35
Dibromofluoromethane
Concen: 46.550 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX033088.D
Acq: 28 Nov 2022 13:37

Tgt Ion:113 Resp: 56379

Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.4	123.6
192	19.5	15.4	23.2



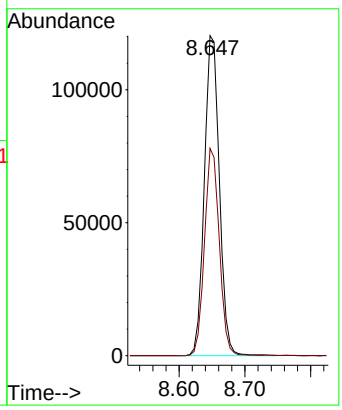


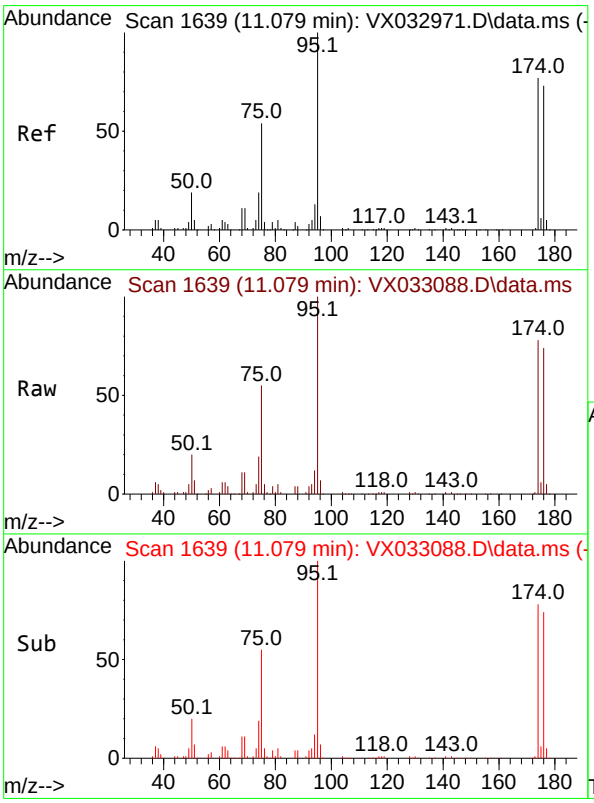
#50
Toluene-d8
Concen: 52.628 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX033088.D
Acq: 28 Nov 2022 13:37

Instrument :
MSVOA_X
ClientSampleId :
MW-38D

Tgt Ion: 98 Resp: 191367

Ion	Ratio	Lower	Upper
98	100		
100	63.8	50.9	76.3

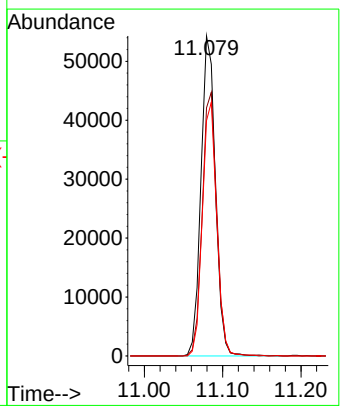


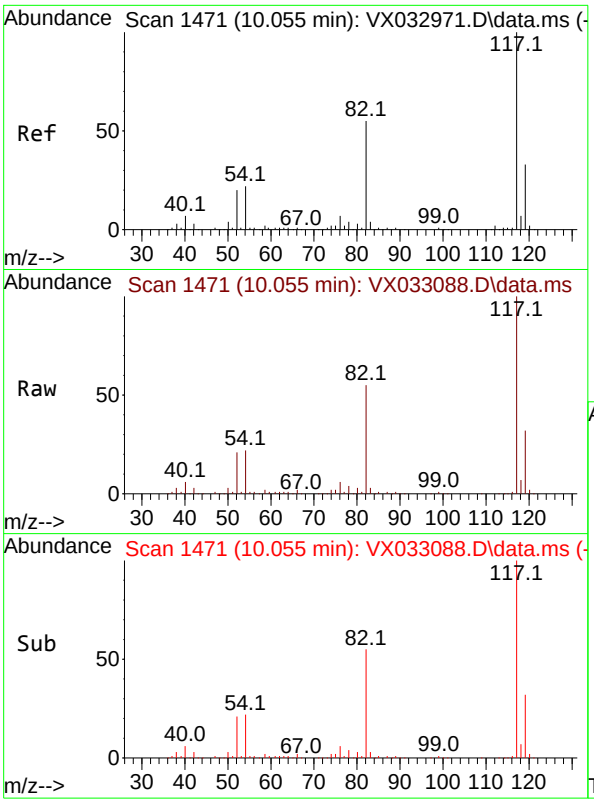


#62
4-Bromofluorobenzene
Concen: 43.595 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033088.D
Acq: 28 Nov 2022 13:37

Tgt Ion: 95 Resp: 69358

Ion	Ratio	Lower	Upper
95	100		
174	83.0	0.0	164.0
176	79.3	0.0	154.4



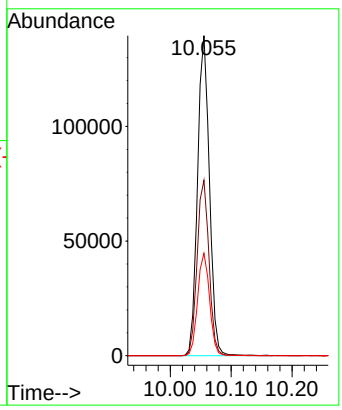


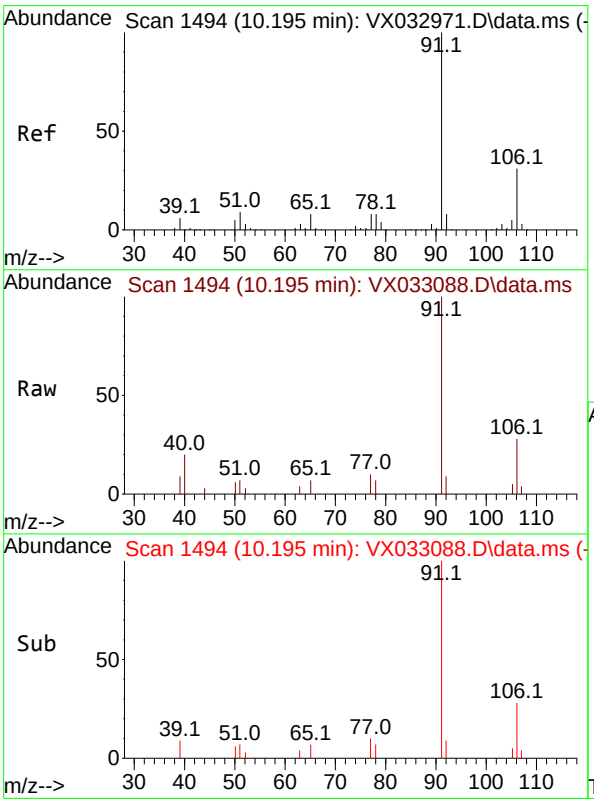
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX033088.D
Acq: 28 Nov 2022 13:37

Instrument :
MSVOA_X
ClientSampleId :
MW-38D

Tgt Ion:117 Resp: 188515

Ion	Ratio	Lower	Upper
117	100		
82	54.8	44.3	66.5
119	32.0	25.7	38.5

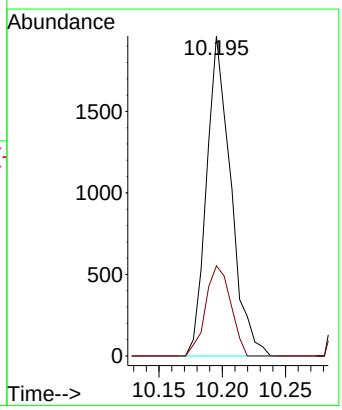


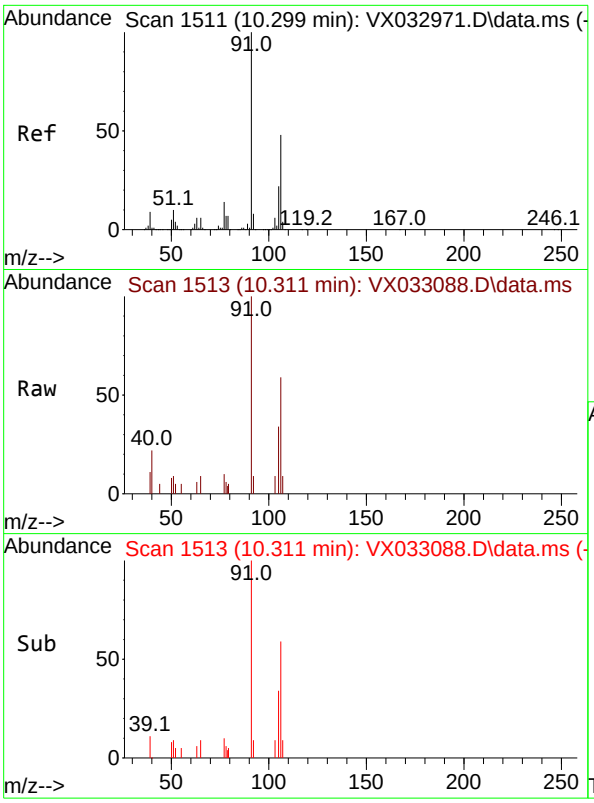


#67
Ethyl Benzene
Concen: 0.392 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033088.D
Acq: 28 Nov 2022 13:37

Tgt Ion: 91 Resp: 2615

Ion	Ratio	Lower	Upper
91	100		
106	28.2	25.0	37.6



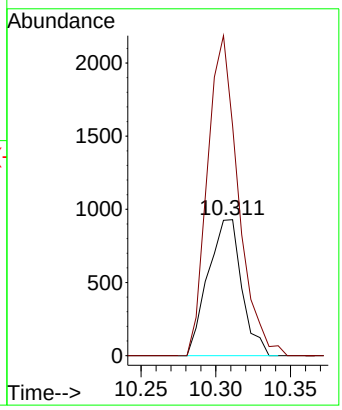


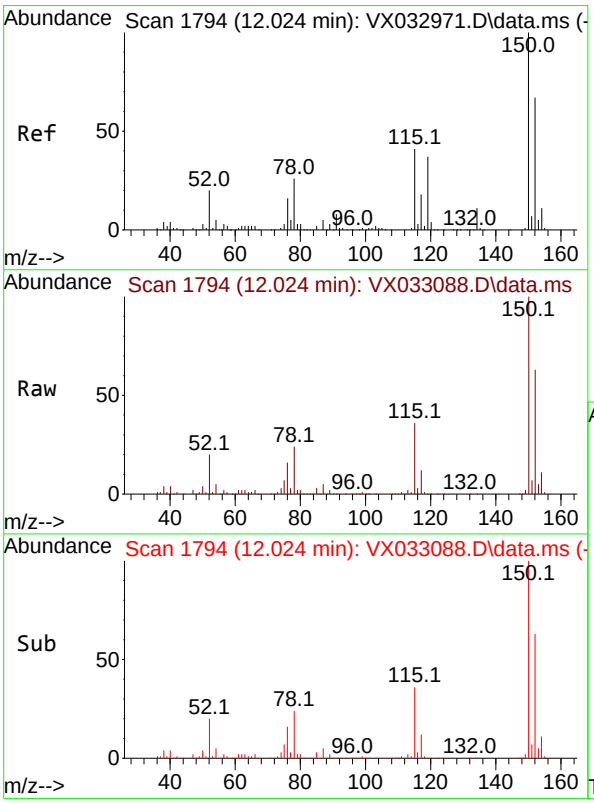
#68
m/p-Xylenes
Concen: 0.558 ug/l
RT: 10.311 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX033088.D
Acq: 28 Nov 2022 13:37

Instrument :
MSVOA_X
ClientSampleId :
MW-38D

Tgt Ion:106 Resp: 1458

Ion	Ratio	Lower	Upper
106	100		
91	214.8	164.5	246.7

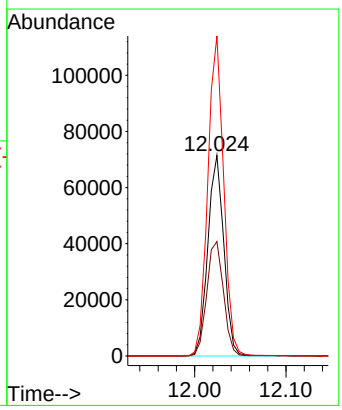


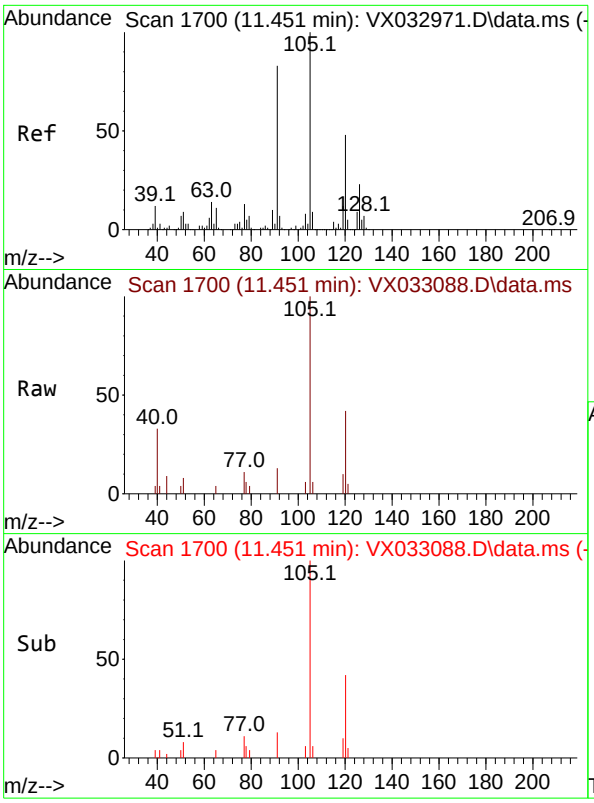


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033088.D
Acq: 28 Nov 2022 13:37

Tgt Ion:152 Resp: 86385

Ion	Ratio	Lower	Upper
152	100		
115	59.9	44.0	132.0
150	158.6	0.0	351.8



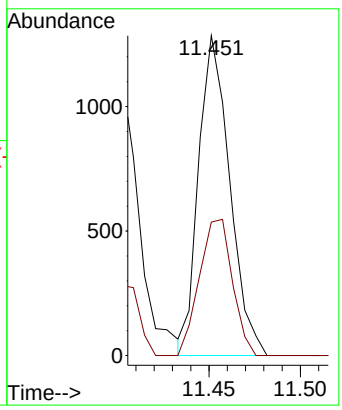


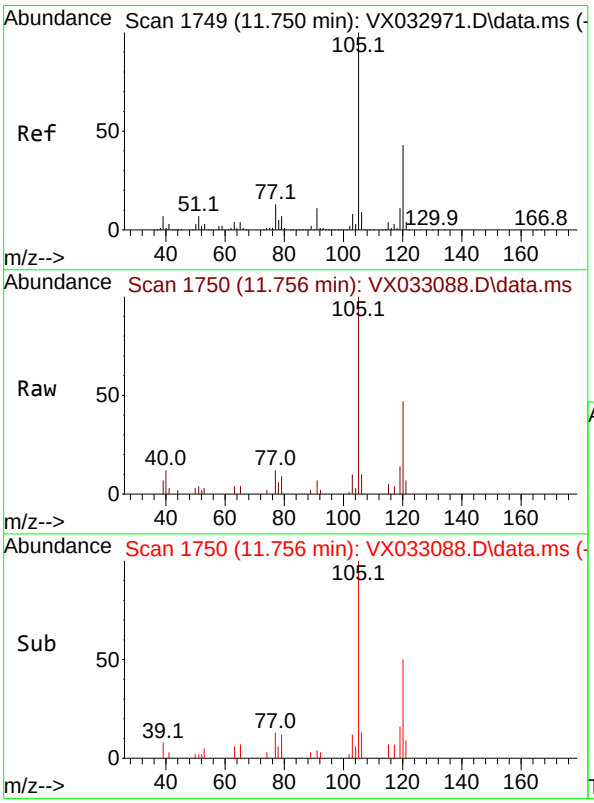
#80
1,3,5-Trimethylbenzene
Concen: 0.294 ug/l
RT: 11.451 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX033088.D
Acq: 28 Nov 2022 13:37

Instrument :
MSVOA_X
ClientSampleId :
MW-38D

Tgt Ion:105 Resp: 1523

Ion	Ratio	Lower	Upper
105	100		
120	45.2	23.6	71.0





#84
1,2,4-Trimethylbenzene
Concen: 0.915 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX033088.D
Acq: 28 Nov 2022 13:37

Tgt Ion:105 Resp: 4733

Ion	Ratio	Lower	Upper
105	100		
120	40.5	21.9	65.5