Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121322\
Data File : VX033401.D
Acq On : 13 Dec 2022 18:35
Operator : JC/MD
Sample : N6001-16
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-15

Quant Time: Dec 14 05:41:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 07 12:43:54 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	122127	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	195489	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	175290	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82853	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	36519	46.611	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 93.220%			
35) Dibromofluoromethane	5.391	113	40933	46.553	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.100%			
50) Toluene-d8	8.647	98	83729	45.520	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 91.040%#			
62) 4-Bromofluorobenzene	11.079	95	63456	45.119	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 90.240%			
Target Compounds						Qvalue
40) Benzene	6.038	78	6039	1.208	ug/l	100
67) Ethyl Benzene	10.195	91	1748	0.283	ug/l	100
68) m/p-Xylenes	10.305	106	1030	0.428	ug/l	99
69) o-Xylene	10.640	106	522	0.219	ug/l	74
84) 1,2,4-Trimethylbenzene	11.756	105	1113	0.223	ug/l	98

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

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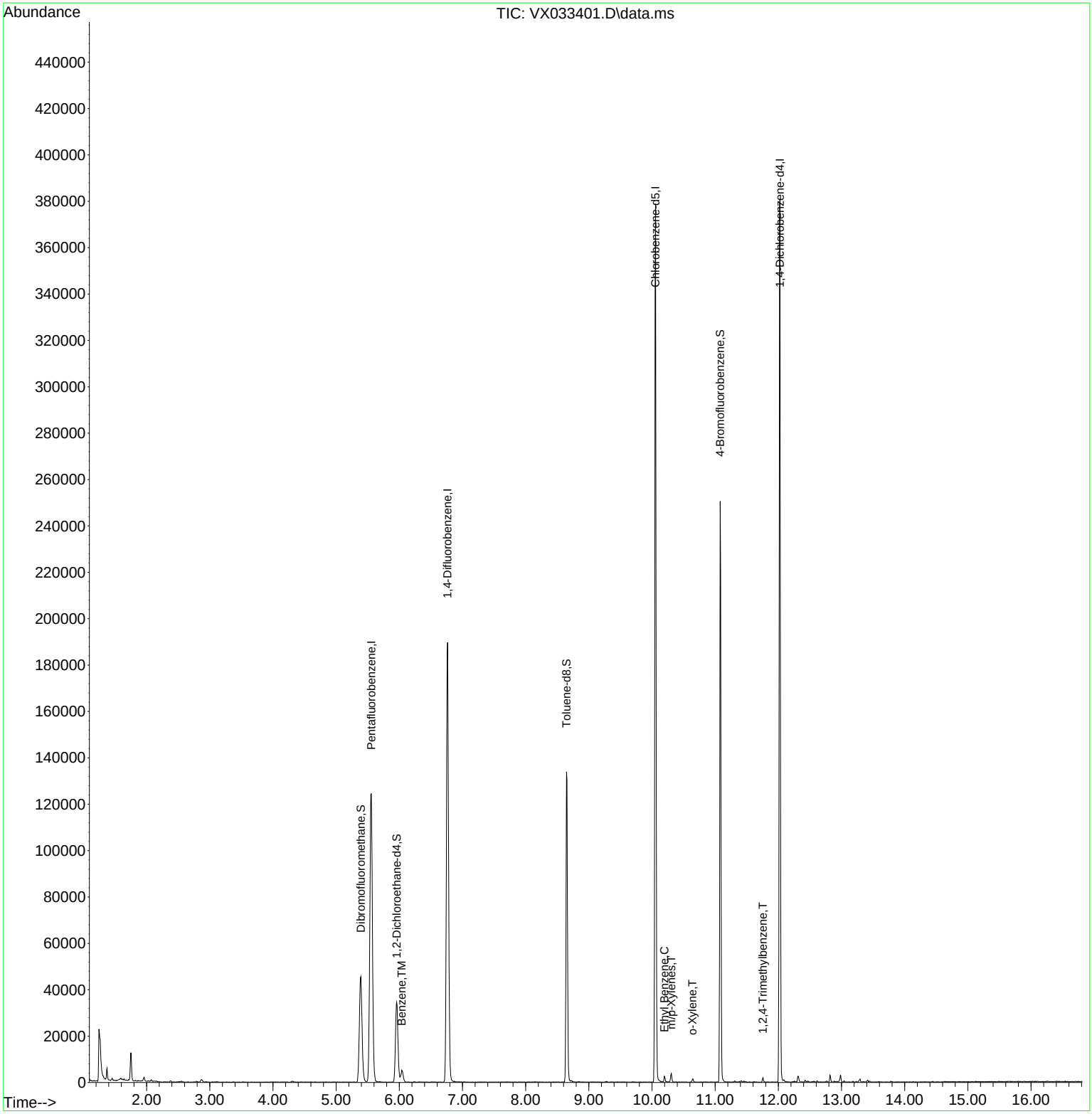
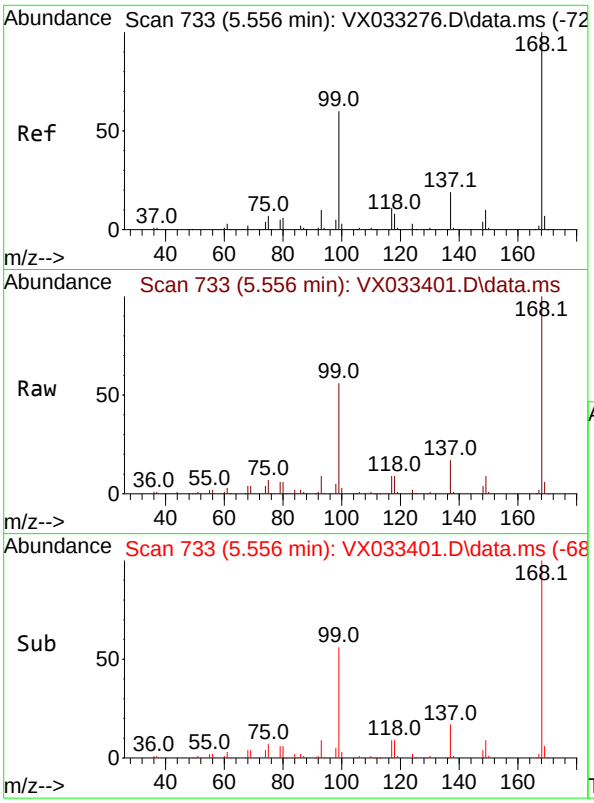


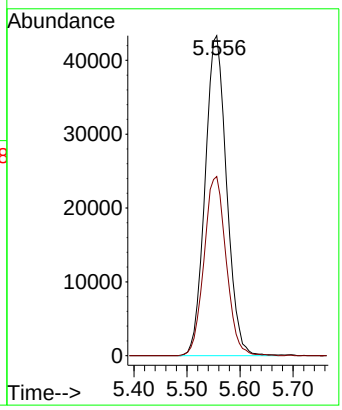


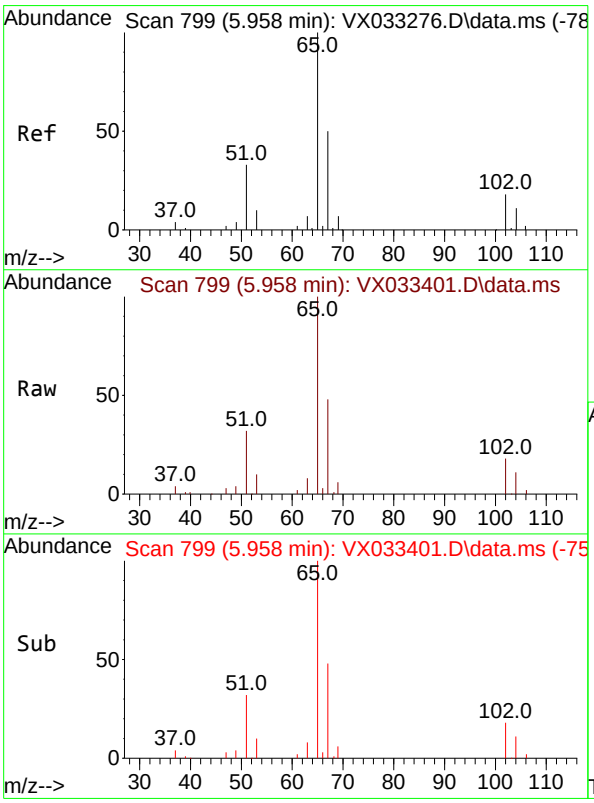
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX033401.D
Acq: 13 Dec 2022 18:35

Instrument :
MSVOA_X
ClientSampleId :
MW-15

Tgt Ion:168 Resp: 122127

Ion	Ratio	Lower	Upper
168	100		
99	56.0	46.1	69.1

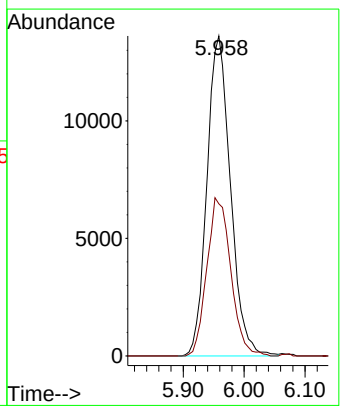


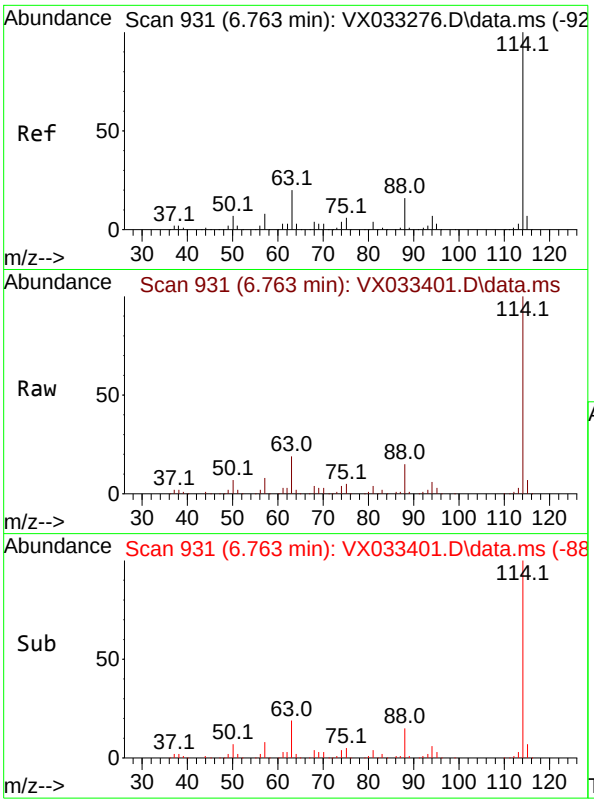


#33
1,2-Dichloroethane-d4
Concen: 46.611 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033401.D
Acq: 13 Dec 2022 18:35

Tgt Ion: 65 Resp: 36519

Ion	Ratio	Lower	Upper
65	100		
67	50.4	0.0	101.8



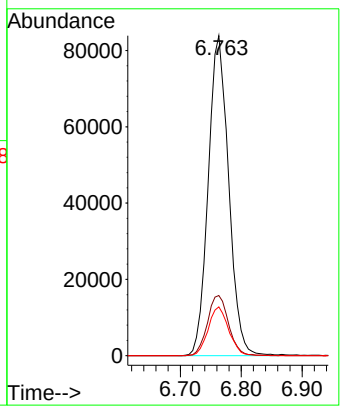


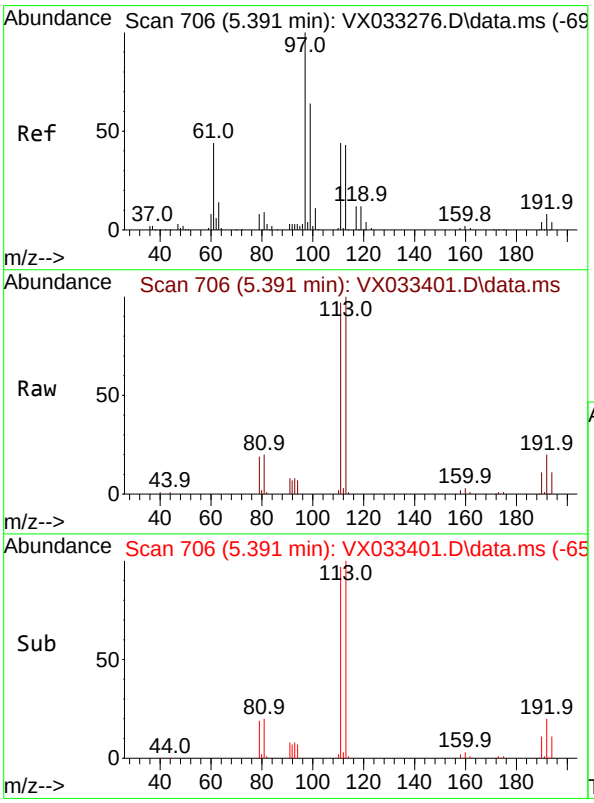
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX033401.D
Acq: 13 Dec 2022 18:35

Instrument :
MSVOA_X
ClientSampleId :
MW-15

Tgt Ion:114 Resp: 195489

Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	41.6
88	15.2	0.0	33.4

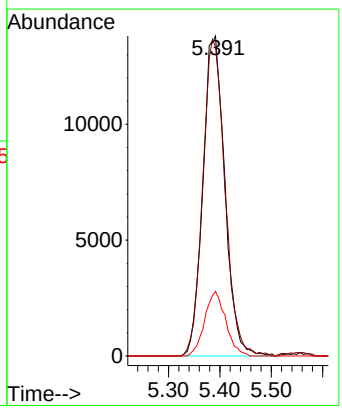


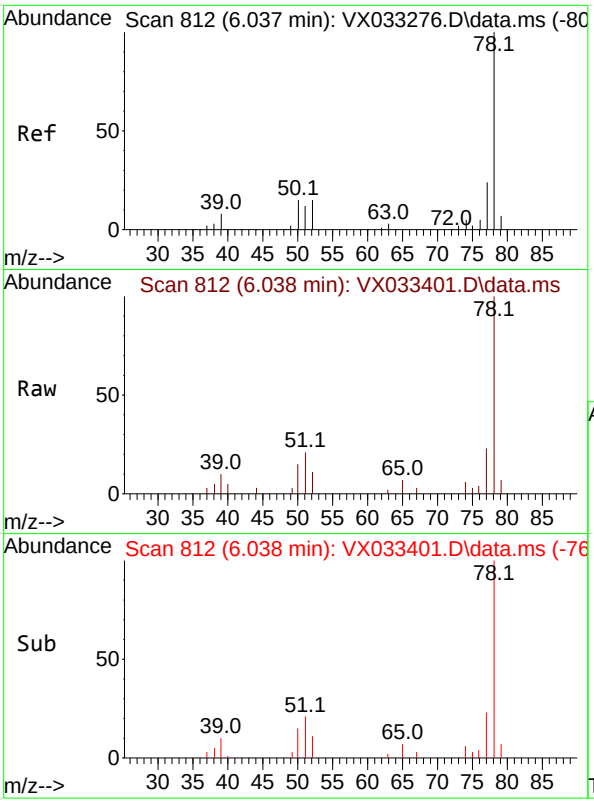


#35
Dibromofluoromethane
Concen: 46.553 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX033401.D
Acq: 13 Dec 2022 18:35

Tgt Ion:113 Resp: 40933

Ion	Ratio	Lower	Upper
113	100		
111	99.9	82.4	123.6
192	19.4	15.4	23.2



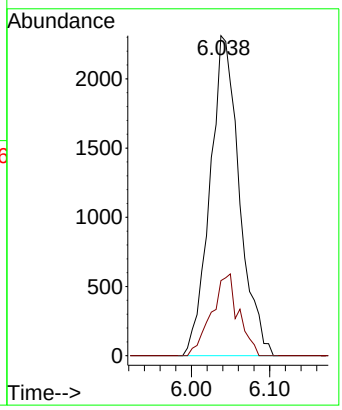


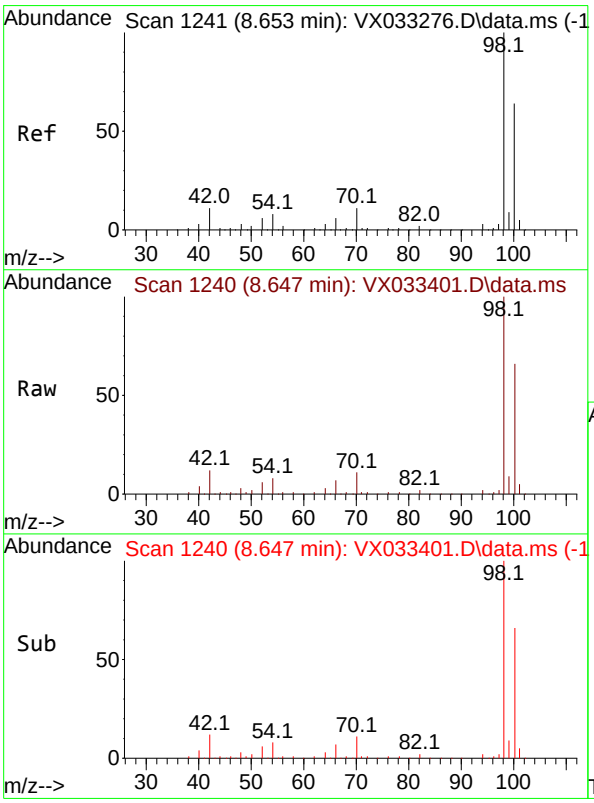
#40
Benzene
Concen: 1.208 ug/l
RT: 6.038 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX033401.D
Acq: 13 Dec 2022 18:35

Instrument :
MSVOA_X
ClientSampleId :
MW-15

Tgt Ion: 78 Resp: 6039

Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.0	28.4

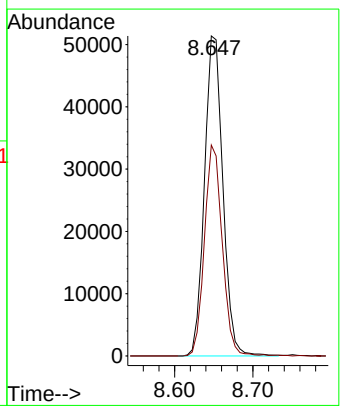


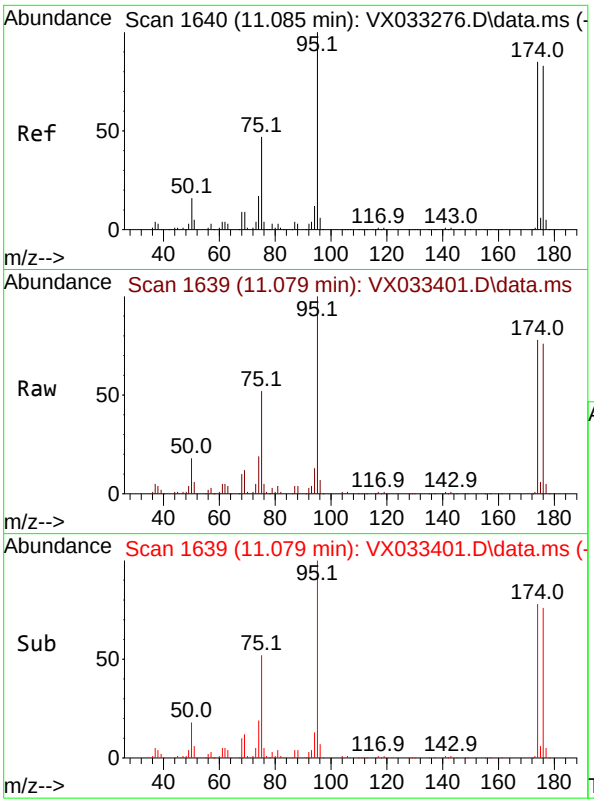


#50
Toluene-d8
Concen: 45.520 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033401.D
Acq: 13 Dec 2022 18:35

Tgt Ion: 98 Resp: 83729

Ion	Ratio	Lower	Upper
98	100		
100	63.8	50.9	76.3



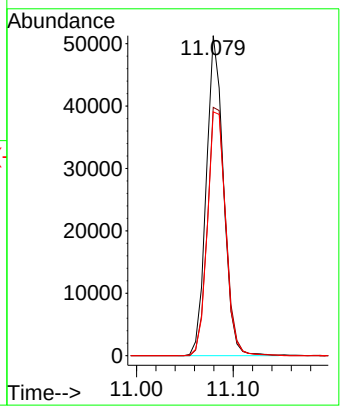


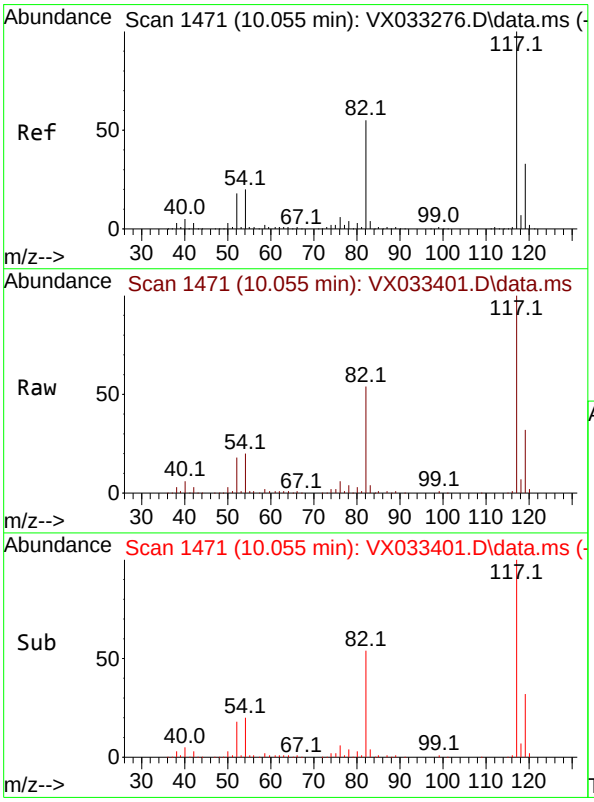
#62
4-Bromofluorobenzene
Concen: 45.119 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX033401.D
Acq: 13 Dec 2022 18:35

Instrument :
MSVOA_X
ClientSampleId :
MW-15

Tgt Ion: 95 Resp: 63456

Ion	Ratio	Lower	Upper
95	100		
174	82.7	0.0	164.0
176	80.9	0.0	154.4

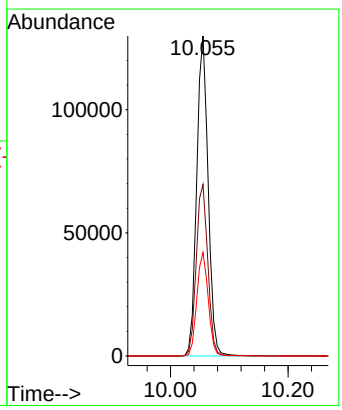


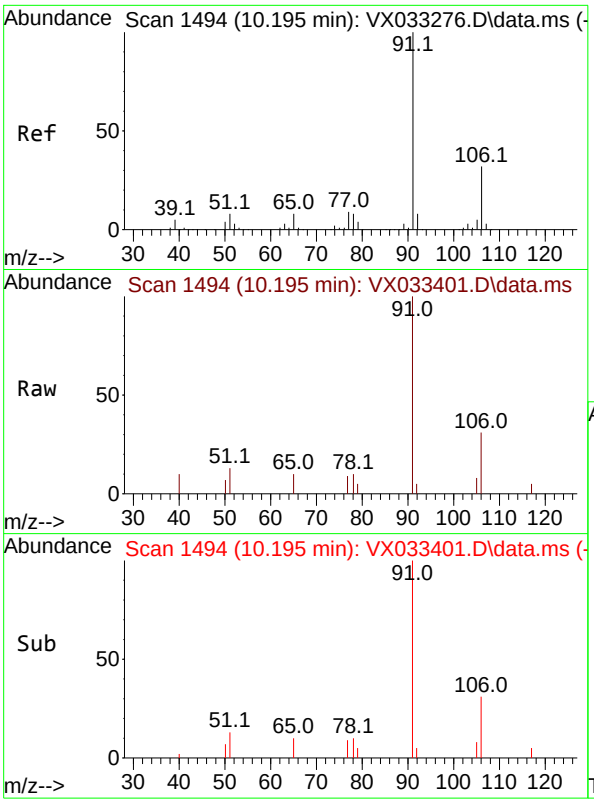


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033401.D
Acq: 13 Dec 2022 18:35

Tgt Ion:117 Resp: 175290

Ion	Ratio	Lower	Upper
117	100		
82	53.6	44.3	66.5
119	32.4	25.7	38.5



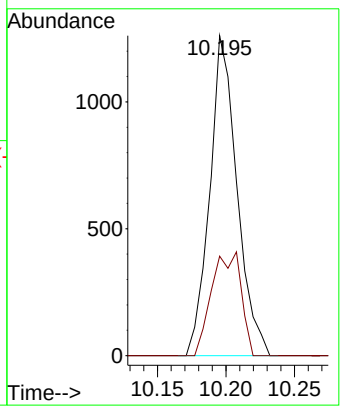


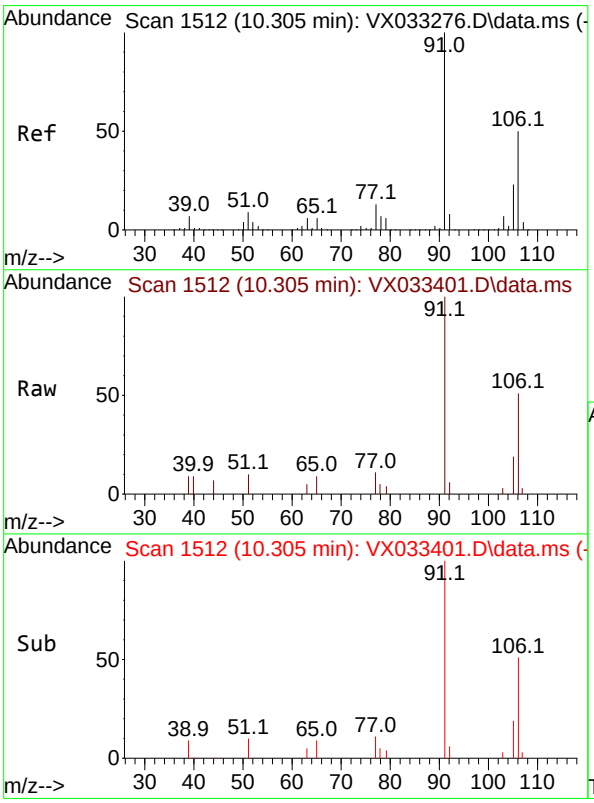
#67
Ethyl Benzene
Concen: 0.283 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX033401.D
Acq: 13 Dec 2022 18:35

Instrument :
MSVOA_X
ClientSampleId :
MW-15

Tgt Ion: 91 Resp: 1748

Ion	Ratio	Lower	Upper
91	100		
106	31.1	25.0	37.6

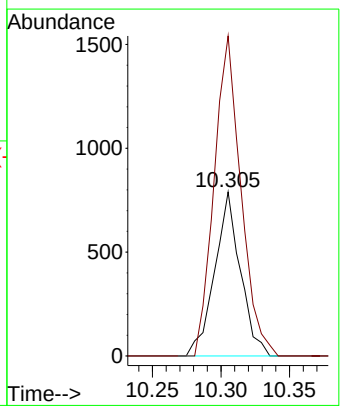


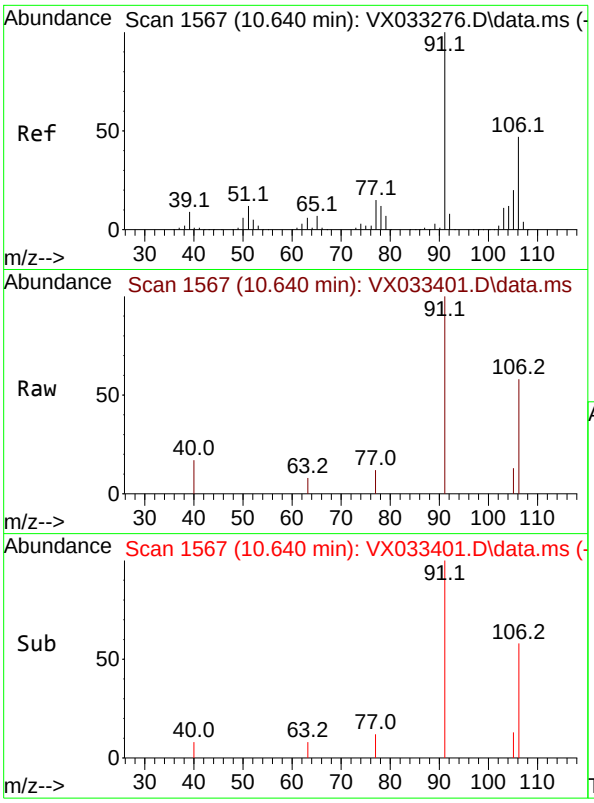


#68
m/p-Xylenes
Concen: 0.428 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX033401.D
Acq: 13 Dec 2022 18:35

Tgt Ion:106 Resp: 1030

Ion	Ratio	Lower	Upper
106	100		
91	203.4	164.5	246.7



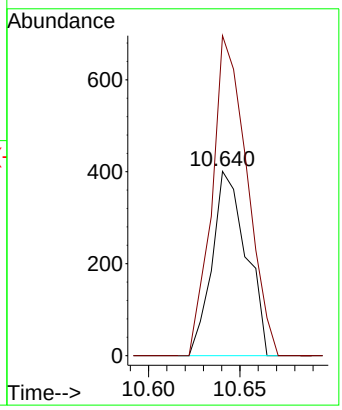


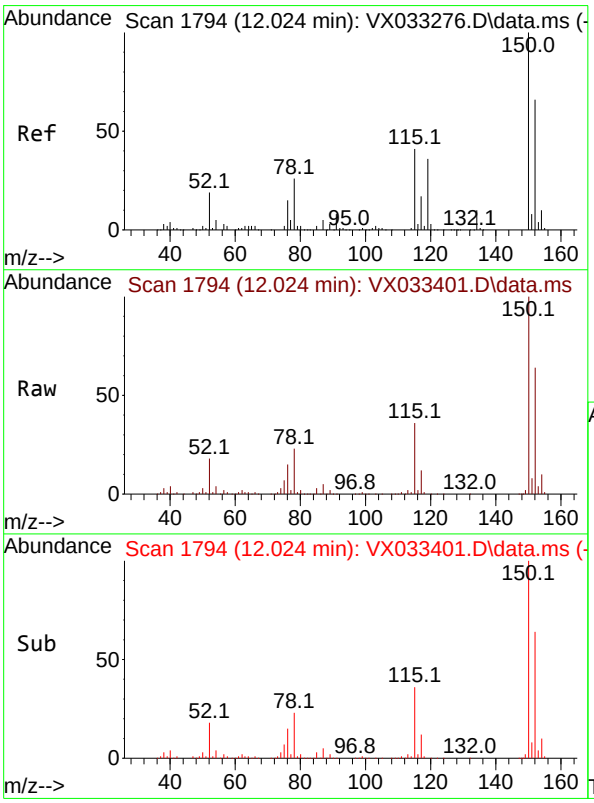
#69
o-Xylene
Concen: 0.219 ug/l
RT: 10.640 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX033401.D
Acq: 13 Dec 2022 18:35

Instrument :
MSVOA_X
ClientSampleId :
MW-15

Tgt Ion:106 Resp: 522

Ion	Ratio	Lower	Upper
106	100		
91	177.0	109.2	327.6

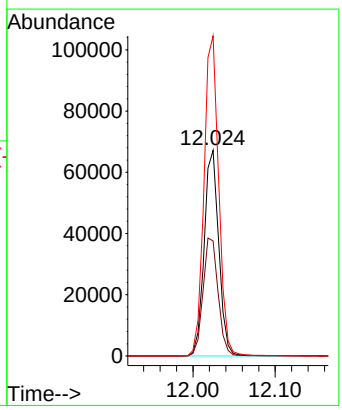


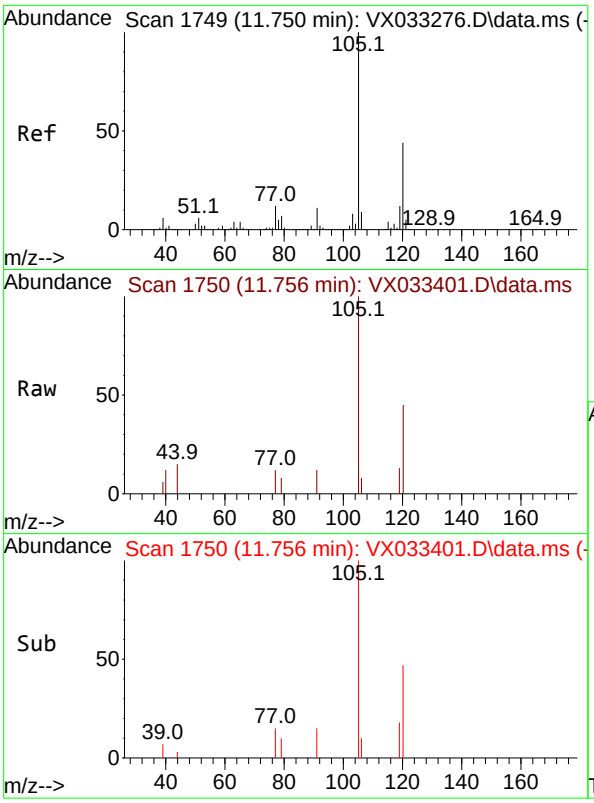


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033401.D
Acq: 13 Dec 2022 18:35

Tgt Ion:152 Resp: 82853

Ion	Ratio	Lower	Upper
152	100		
115	59.3	44.0	132.0
150	156.7	0.0	351.8





#84
1,2,4-Trimethylbenzene
Concen: 0.223 ug/l
RT: 11.756 min Scan# 1
Delta R.T. 0.007 min
Lab File: VX033401.D
Acq: 13 Dec 2022 18:35

Instrument :
MSVOA_X
ClientSampleId :
MW-15

Tgt Ion:105 Resp: 1113

Ion	Ratio	Lower	Upper
105	100		
120	42.4	21.9	65.5