Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121322\
Data File : VX033407.D
Acq On : 13 Dec 2022 20:53
Operator : JC/MD
Sample : N6001-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-11A

Quant Time: Dec 14 05:42:41 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	116221	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	185807	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	165937	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76490	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	36640	49.142	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 98.280%			
35) Dibromofluoromethane	5.385	113	41221	49.324	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.640%			
50) Toluene-d8	8.647	98	84183	48.152	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.300%			
62) 4-Bromofluorobenzene	11.079	95	64936	48.577	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.160%			
Target Compounds						Qvalue
40) Benzene	6.044	78	7963	1.676	ug/l	98
52) Toluene	8.720	92	742	0.242	ug/l	93
67) Ethyl Benzene	10.195	91	11222	1.917	ug/l	100
68) m/p-Xylenes	10.305	106	4803	2.109	ug/l	99
69) o-Xylene	10.646	106	979	0.435	ug/l	88

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

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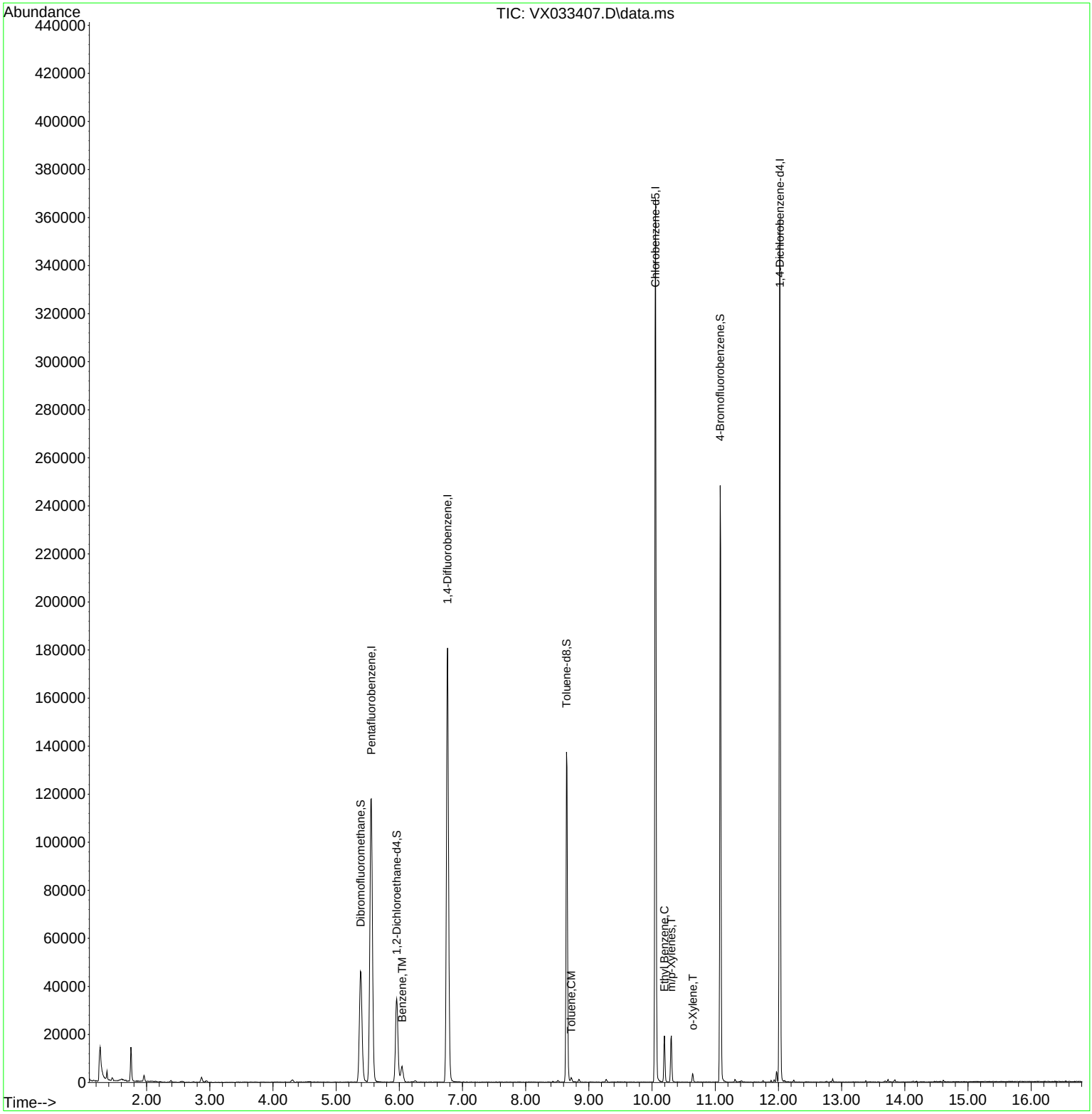
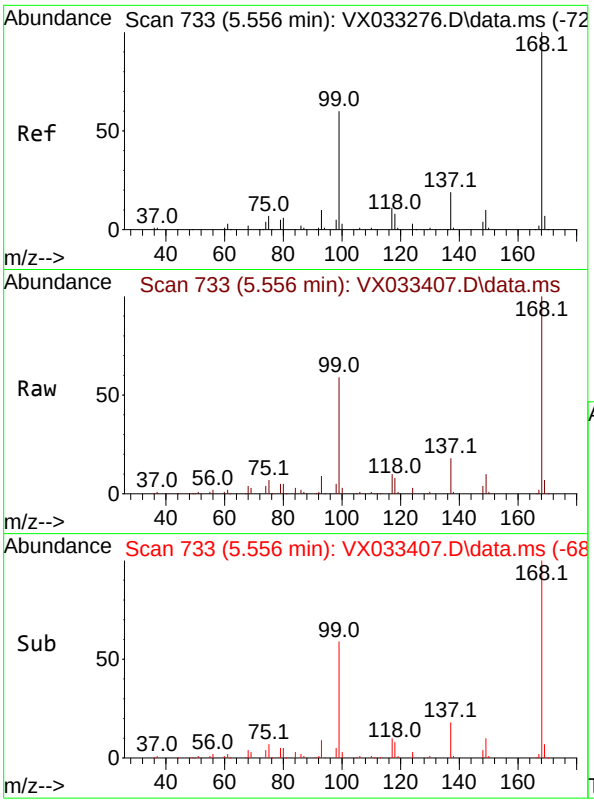


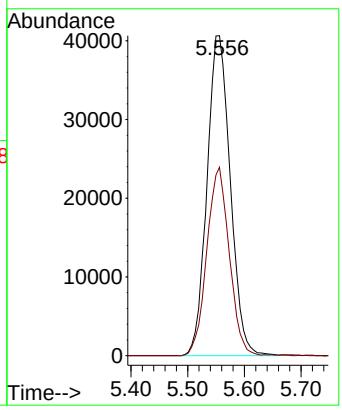


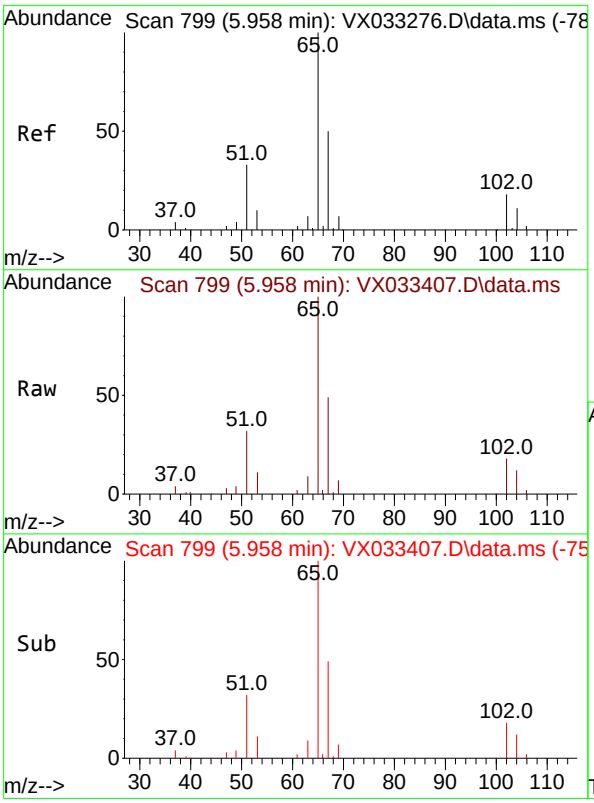
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX033407.D
Acq: 13 Dec 2022 20:53

Instrument :
MSVOA_X
ClientSampleId :
MW-11A

Tgt Ion:168 Resp: 116221

Ion	Ratio	Lower	Upper
168	100		
99	58.9	46.1	69.1

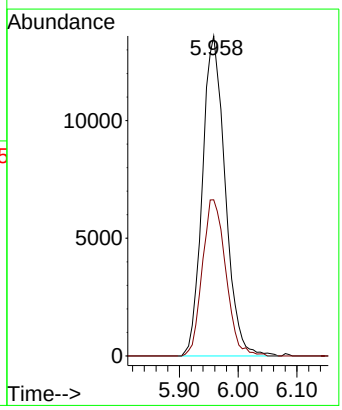


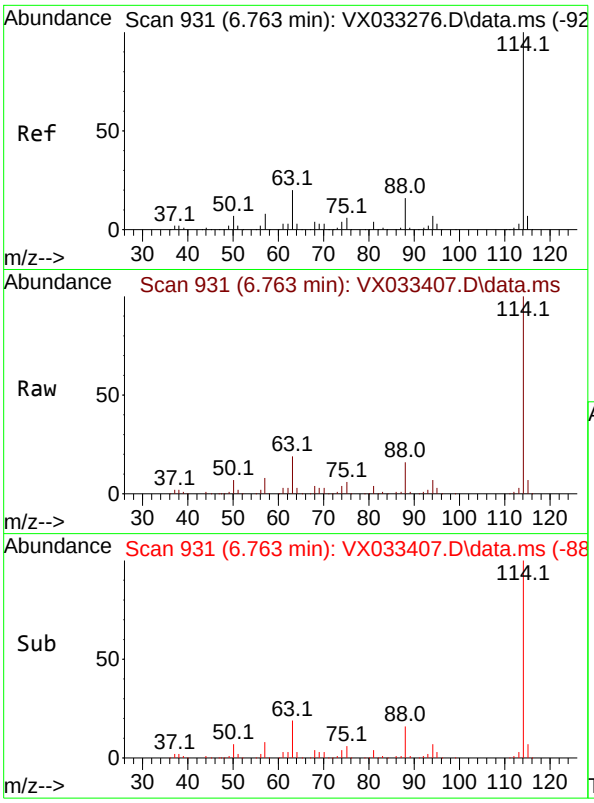


#33
1,2-Dichloroethane-d4
Concen: 49.142 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033407.D
Acq: 13 Dec 2022 20:53

Tgt Ion: 65 Resp: 36640

Ion	Ratio	Lower	Upper
65	100		
67	50.3	0.0	101.8



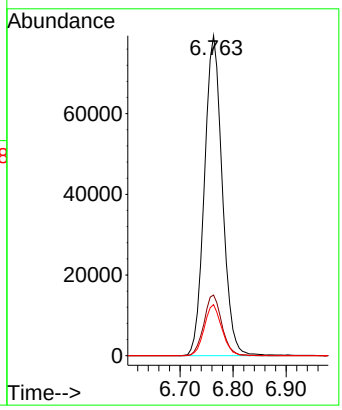


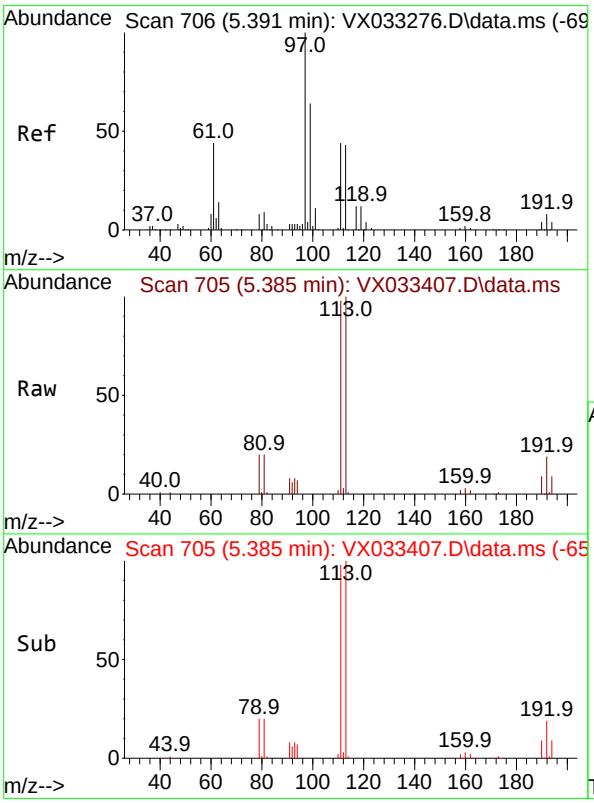
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX033407.D
Acq: 13 Dec 2022 20:53

Instrument :
MSVOA_X
ClientSampleId :
MW-11A

Tgt Ion:114 Resp: 185807

Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	41.6
88	16.0	0.0	33.4

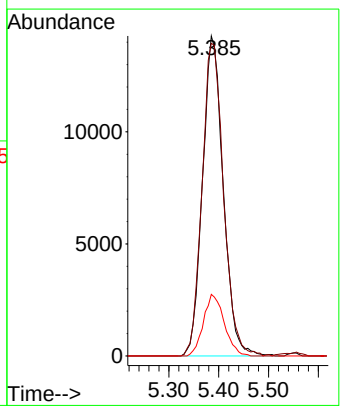


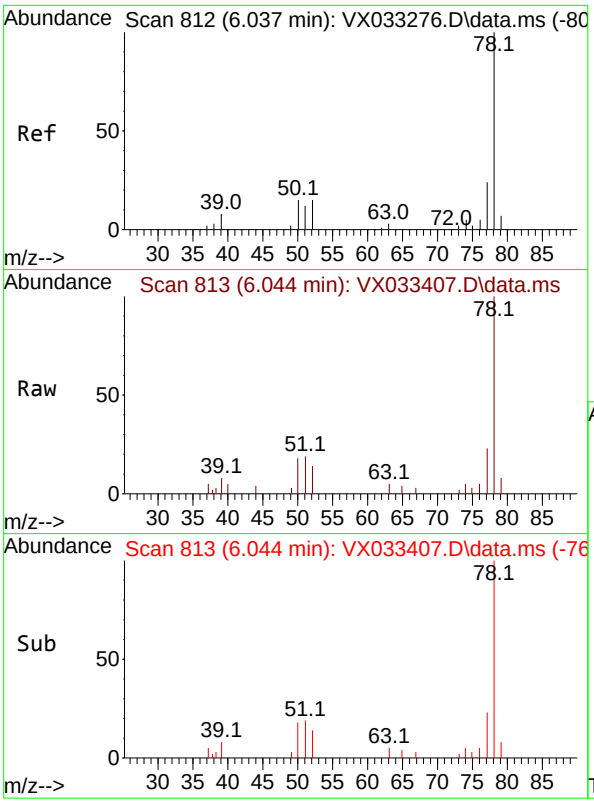


#35
Dibromofluoromethane
Concen: 49.324 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX033407.D
Acq: 13 Dec 2022 20:53

Tgt Ion:113 Resp: 41221

Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.4	123.6
192	19.3	15.4	23.2



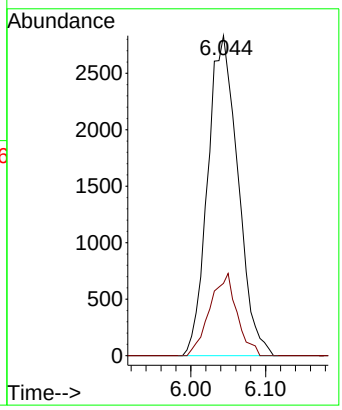


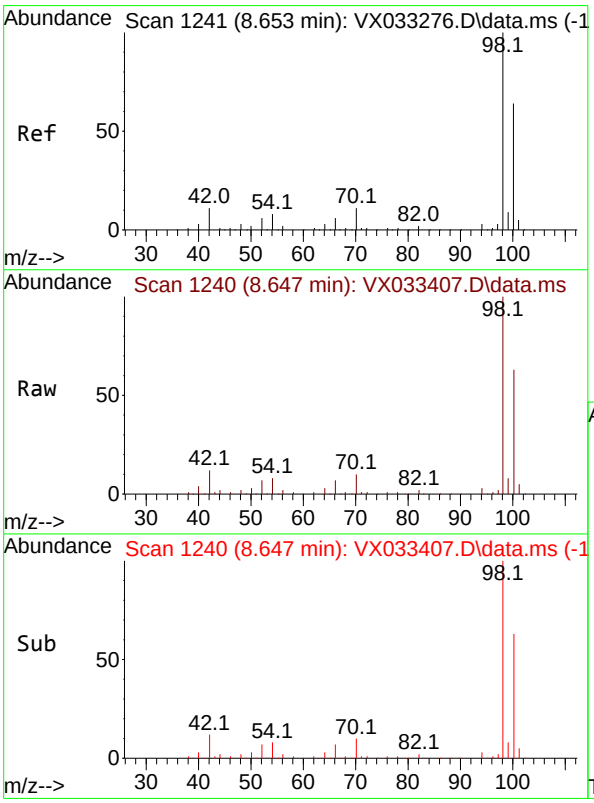
#40
Benzene
Concen: 1.676 ug/l
RT: 6.044 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX033407.D
Acq: 13 Dec 2022 20:53

Instrument :
MSVOA_X
ClientSampleId :
MW-11A

Tgt Ion: 78 Resp: 7963

Ion	Ratio	Lower	Upper
78	100		
77	22.6	19.0	28.4

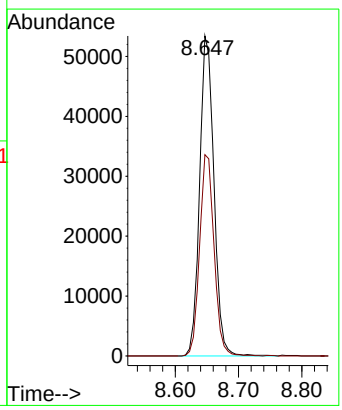


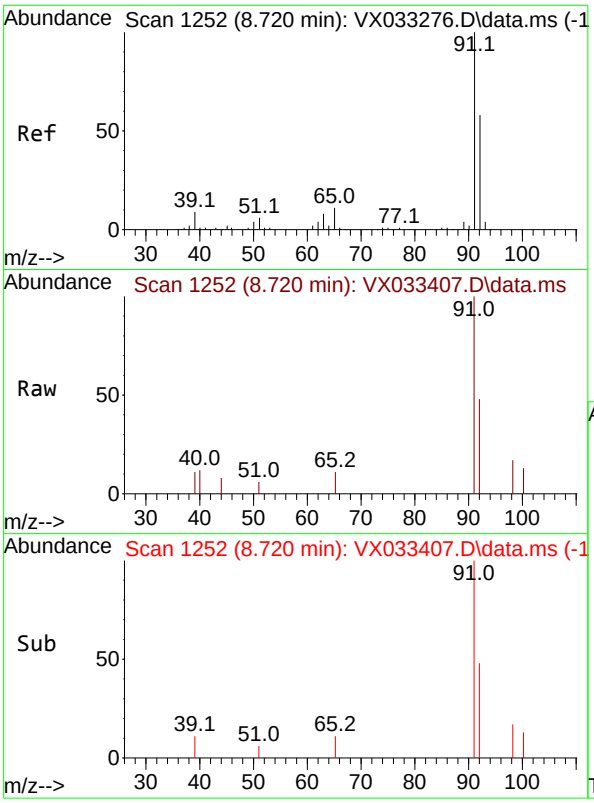


#50
Toluene-d8
Concen: 48.152 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033407.D
Acq: 13 Dec 2022 20:53

Tgt Ion: 98 Resp: 84183

Ion	Ratio	Lower	Upper
98	100		
100	63.5	50.9	76.3



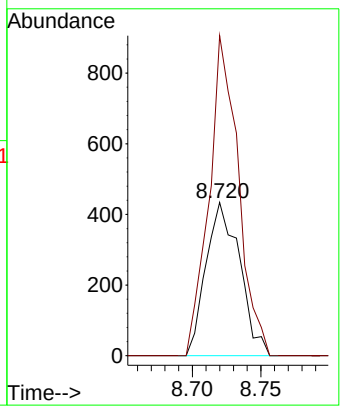


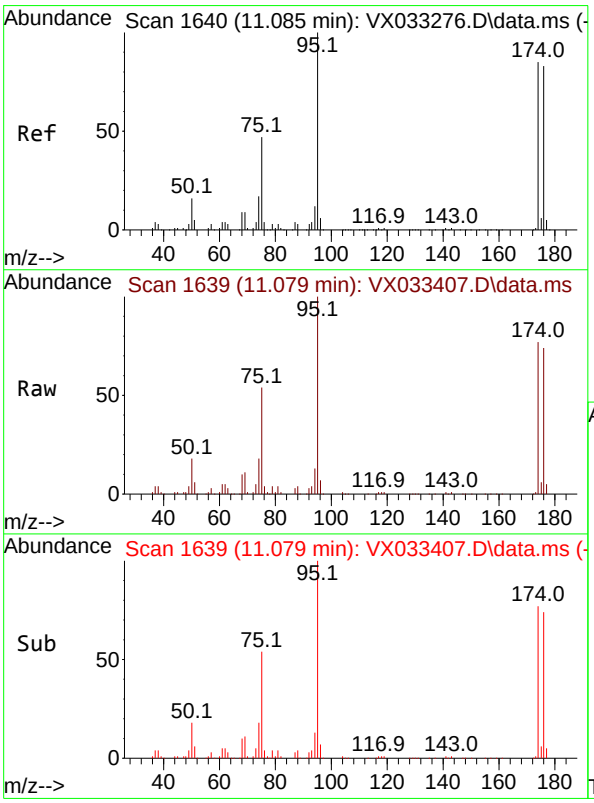
#52
Toluene
Concen: 0.242 ug/l
RT: 8.720 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX033407.D
Acq: 13 Dec 2022 20:53

Instrument :
MSVOA_X
ClientSampleId :
MW-11A

Tgt Ion: 92 Resp: 742

Ion	Ratio	Lower	Upper
92	100		
91	181.9	138.3	207.5

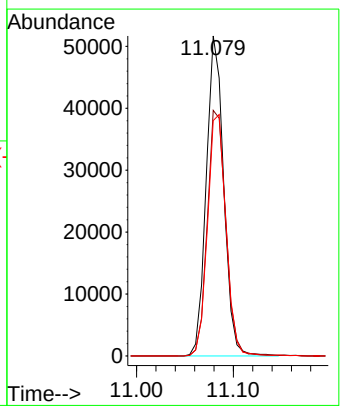


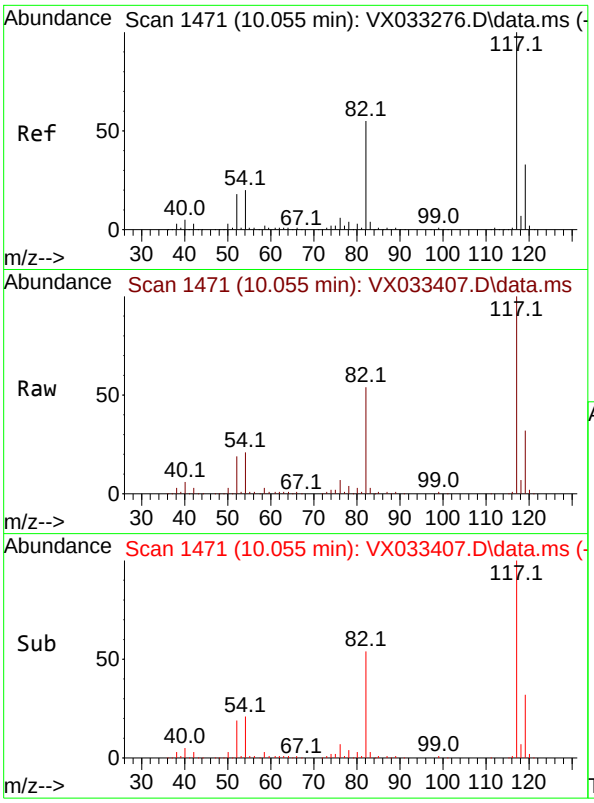


#62
4-Bromofluorobenzene
Concen: 48.577 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033407.D
Acq: 13 Dec 2022 20:53

Tgt Ion: 95 Resp: 64936

Ion	Ratio	Lower	Upper
95	100		
174	81.6	0.0	164.0
176	79.9	0.0	154.4



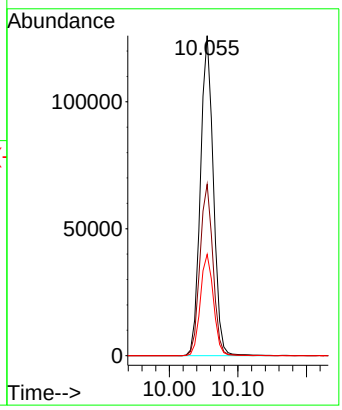


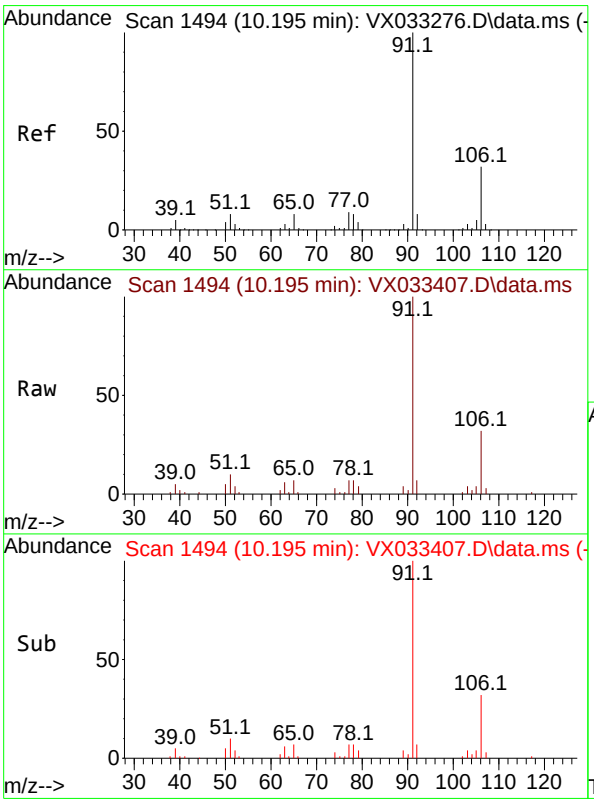
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX033407.D
Acq: 13 Dec 2022 20:53

Instrument :
MSVOA_X
ClientSampleId :
MW-11A

Tgt Ion:117 Resp: 165937

Ion	Ratio	Lower	Upper
117	100		
82	53.5	44.3	66.5
119	31.6	25.7	38.5

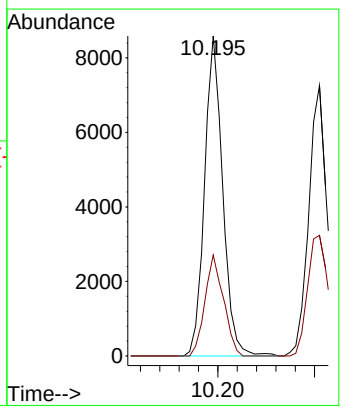


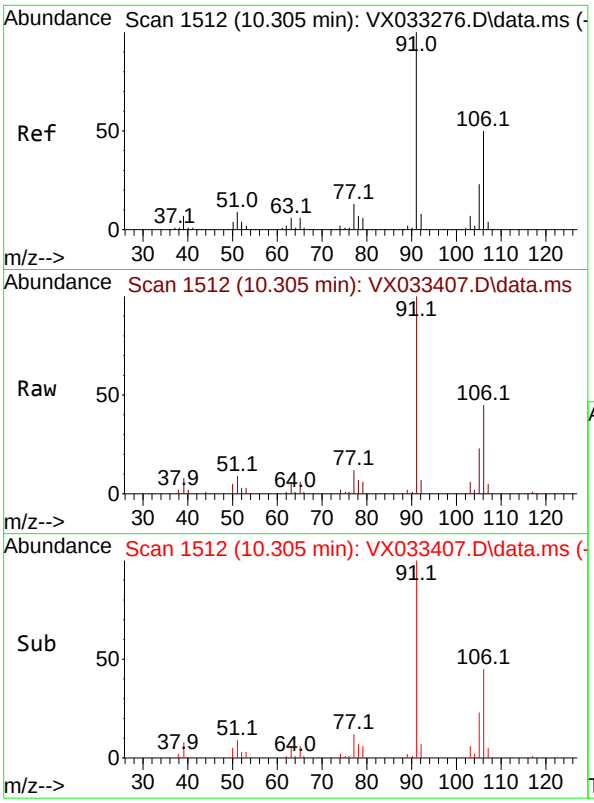


#67
Ethyl Benzene
Concen: 1.917 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033407.D
Acq: 13 Dec 2022 20:53

Tgt Ion: 91 Resp: 11222

Ion	Ratio	Lower	Upper
91	100		
106	31.6	25.0	37.6



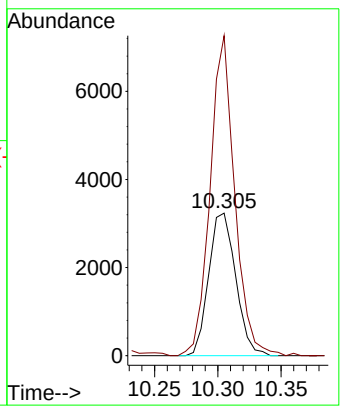


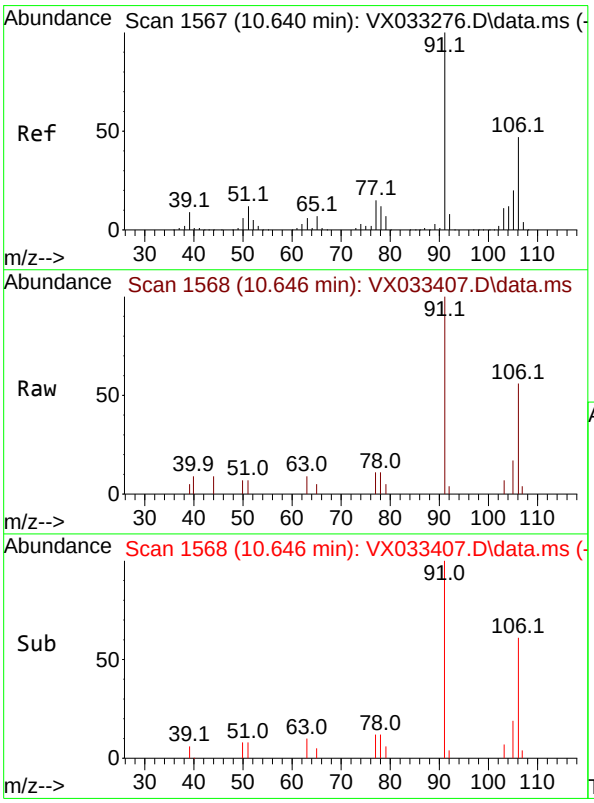
#68
m/p-Xylenes
Concen: 2.109 ug/l
RT: 10.305 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX033407.D
Acq: 13 Dec 2022 20:53

Instrument :
MSVOA_X
ClientSampleId :
MW-11A

Tgt Ion:106 Resp: 4803

Ion	Ratio	Lower	Upper
106	100		
91	204.3	164.5	246.7

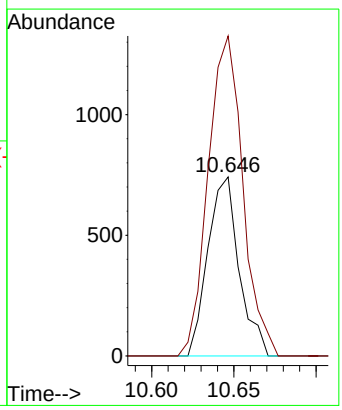


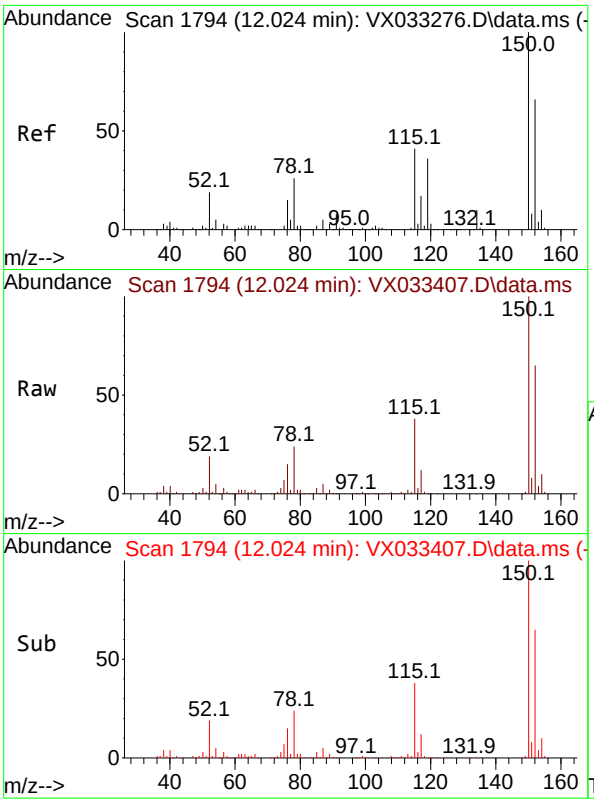


#69
o-Xylene
Concen: 0.435 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX033407.D
Acq: 13 Dec 2022 20:53

Tgt Ion:106 Resp: 979

Ion	Ratio	Lower	Upper
106	100		
91	198.5	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: VX033407.D
Acq: 13 Dec 2022 20:53

Instrument :
MSVOA_X
ClientSampleId :
MW-11A

Tgt Ion:152 Resp: 76490

Ion	Ratio	Lower	Upper
152	100		
115	60.5	44.0	132.0
150	157.6	0.0	351.8