Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062325\
Data File : VX046818.D
Acq On : 23 Jun 2025 14:28
Operator : JC/MD
Sample : Q2371-05 40X
Misc : 7.35g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BBX42025

Quant Time: Jun 24 04:07:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.568	168	111553	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	195304	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	177101	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	74038	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	75849	49.158	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.320%		
35) Dibromofluoromethane	5.397	113	61849	47.864	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.720%		
50) Toluene-d8	8.653	98	231547	49.875	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.740%		
62) 4-Bromofluorobenzene	11.079	95	69498	40.159	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	80.320%		
Target Compounds						Qvalue
52) Toluene	8.720	92	84079	24.568	ug/l	100
67) Ethyl Benzene	10.195	91	5327342	779.902	ug/l	96
68) m/p-Xylenes	10.311	106	6022463	2366.194	ug/l	90
69) o-Xylene	10.646	106	1591863	667.362	ug/l	96
73) Isopropylbenzene	10.963	105	33749	6.189	ug/l	100

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

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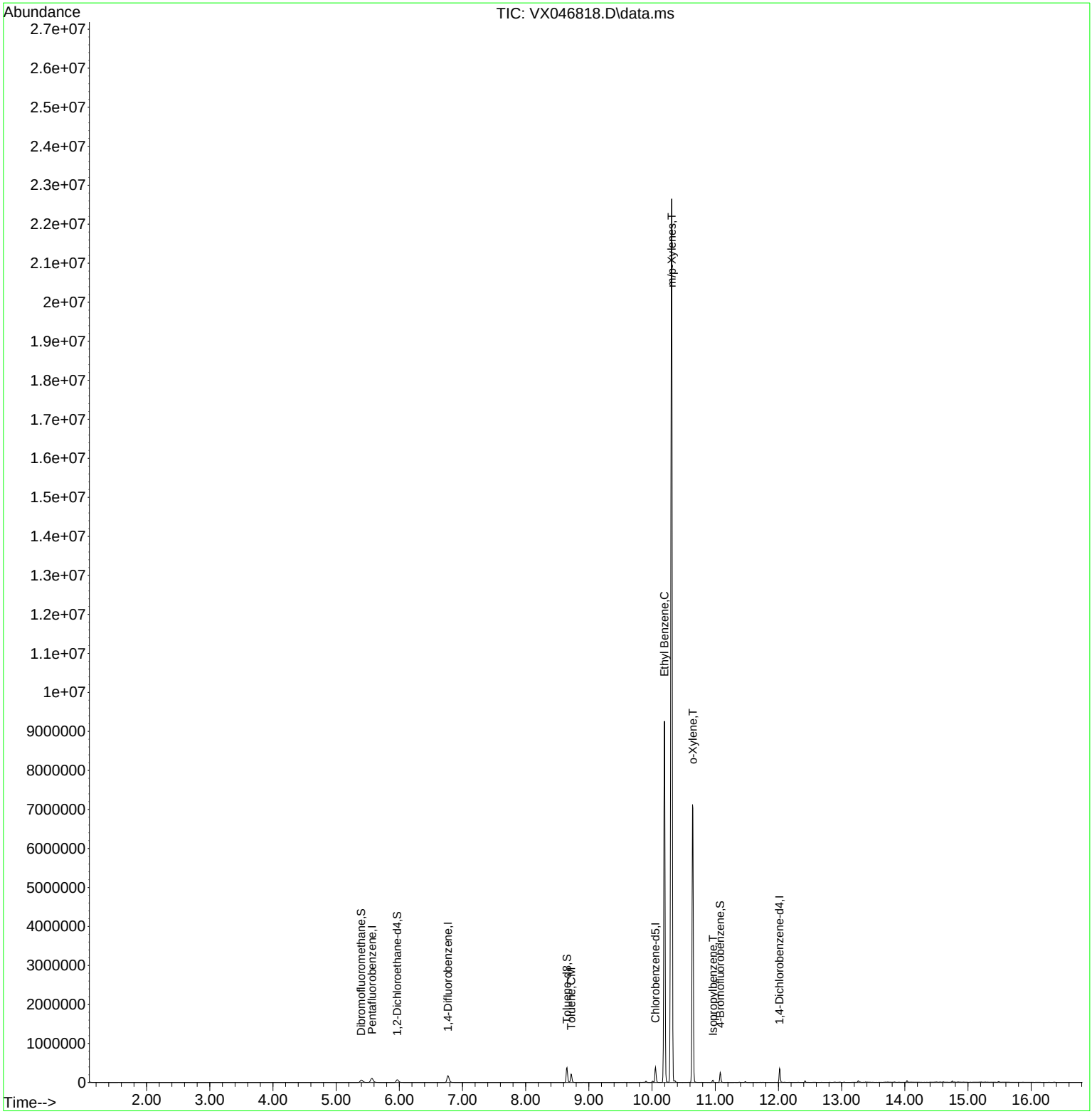
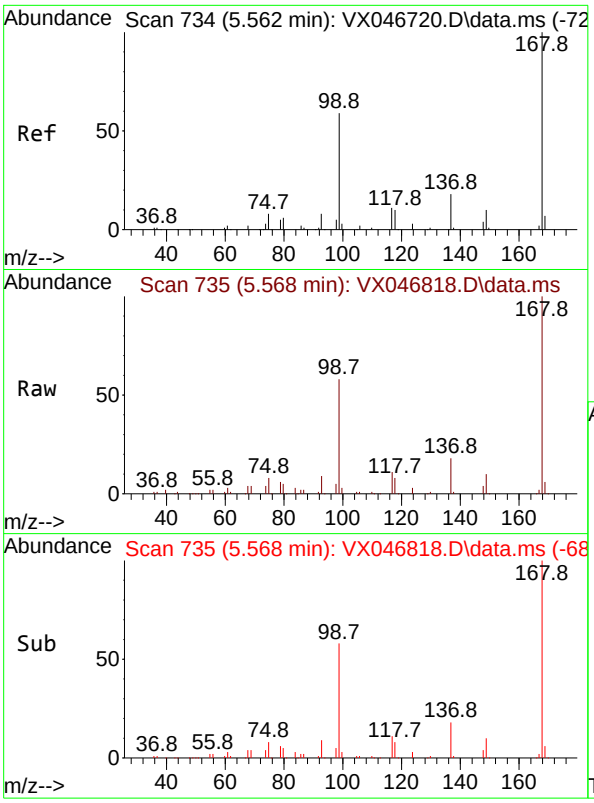


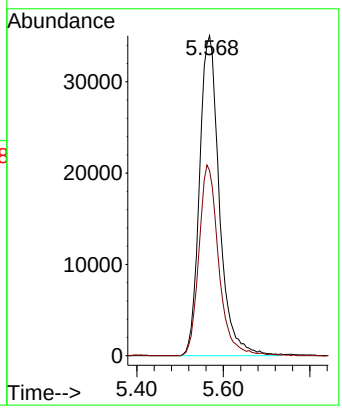


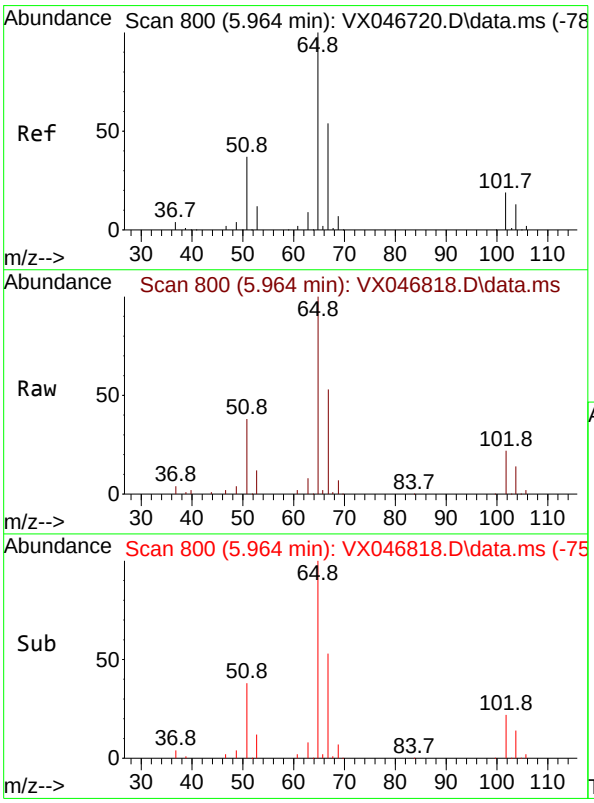
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX046818.D
Acq: 23 Jun 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
BBX42025

Tgt Ion:168 Resp: 111553

Ion	Ratio	Lower	Upper
168	100		
99	57.9	48.5	72.7

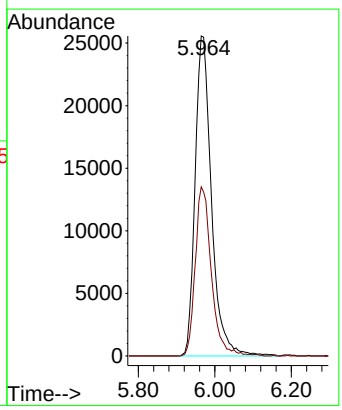


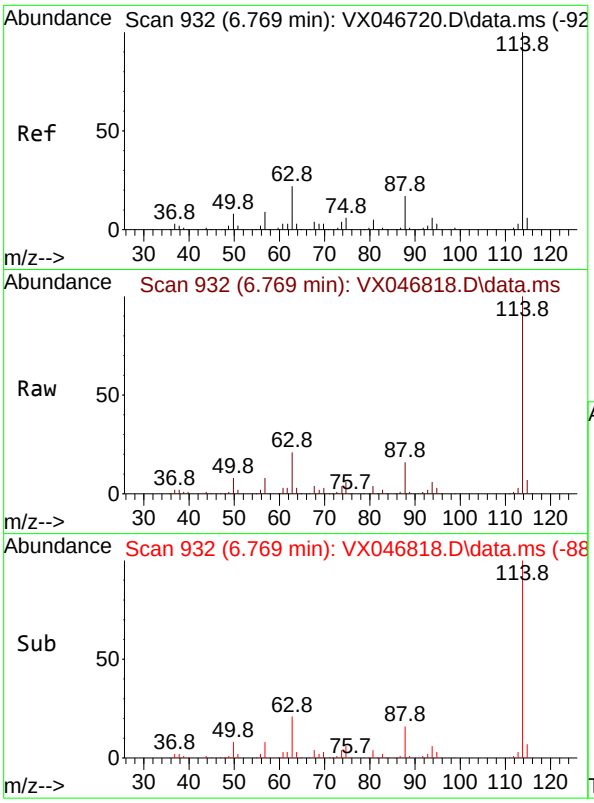


#33
1,2-Dichloroethane-d4
Concen: 49.158 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX046818.D
Acq: 23 Jun 2025 14:28

Tgt Ion: 65 Resp: 75849

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	105.4



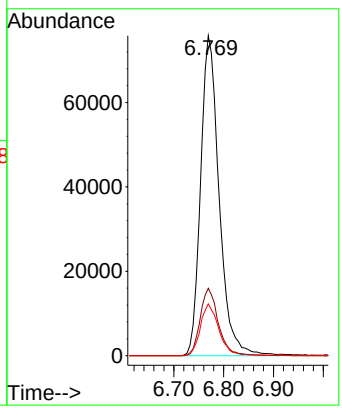


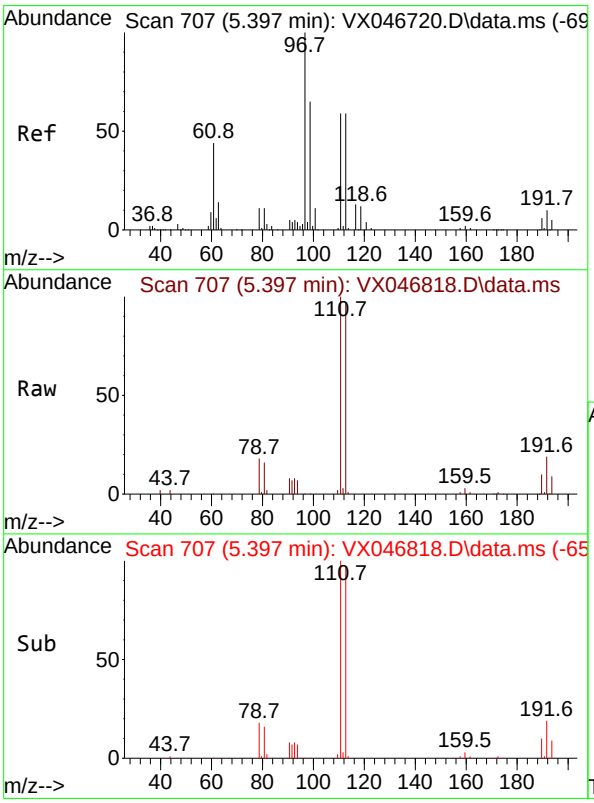
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX046818.D
Acq: 23 Jun 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
BBX42025

Tgt Ion:114 Resp: 195304

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	44.2
88	16.2	0.0	33.2

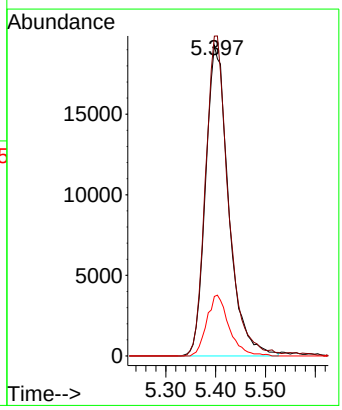


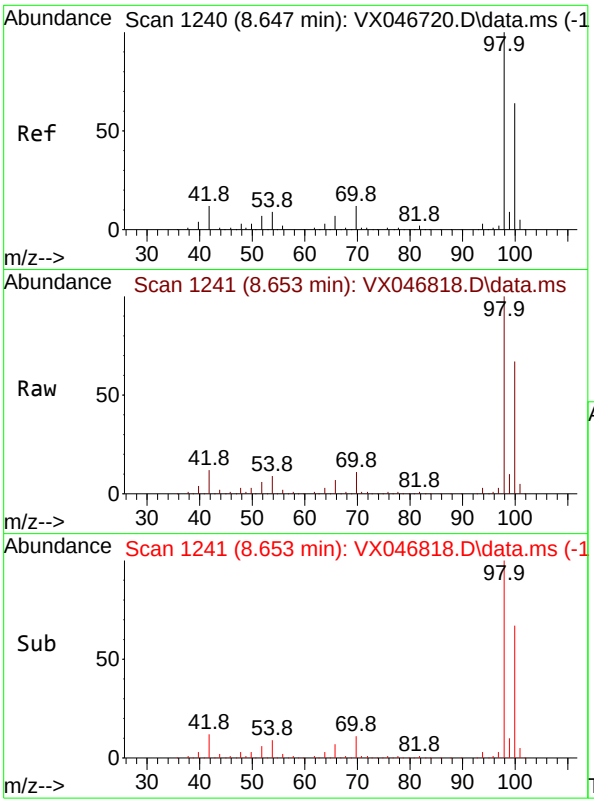


#35
Dibromofluoromethane
Concen: 47.864 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046818.D
Acq: 23 Jun 2025 14:28

Tgt Ion:113 Resp: 61849

Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.0	123.0
192	19.0	15.3	22.9



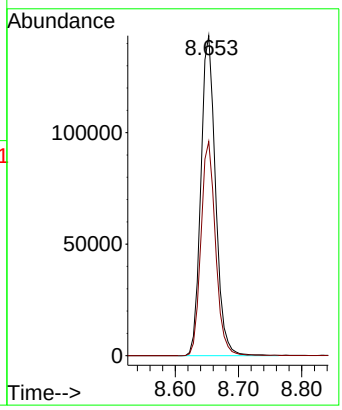


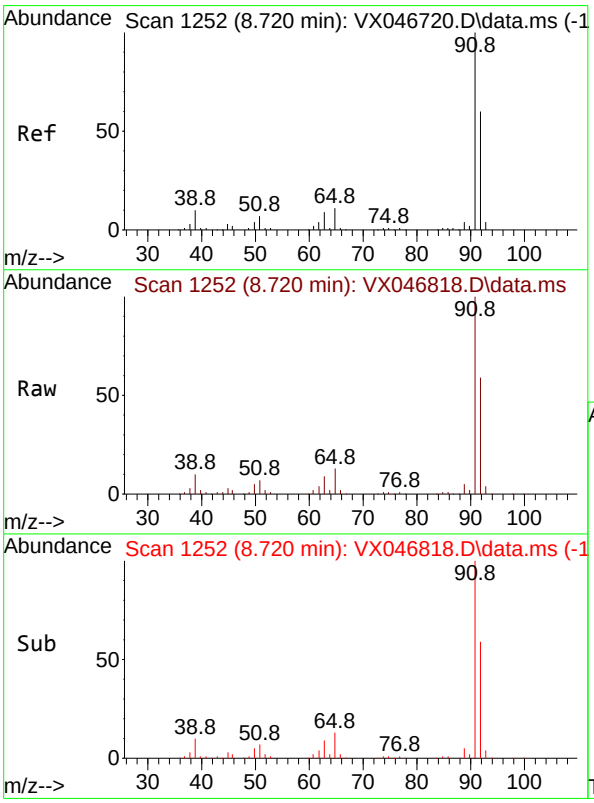
#50
Toluene-d8
Concen: 49.875 ug/l
RT: 8.653 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046818.D
Acq: 23 Jun 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
BBX42025

Tgt Ion: 98 Resp: 231547

Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.0	79.4

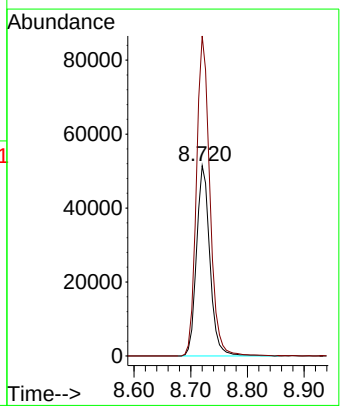


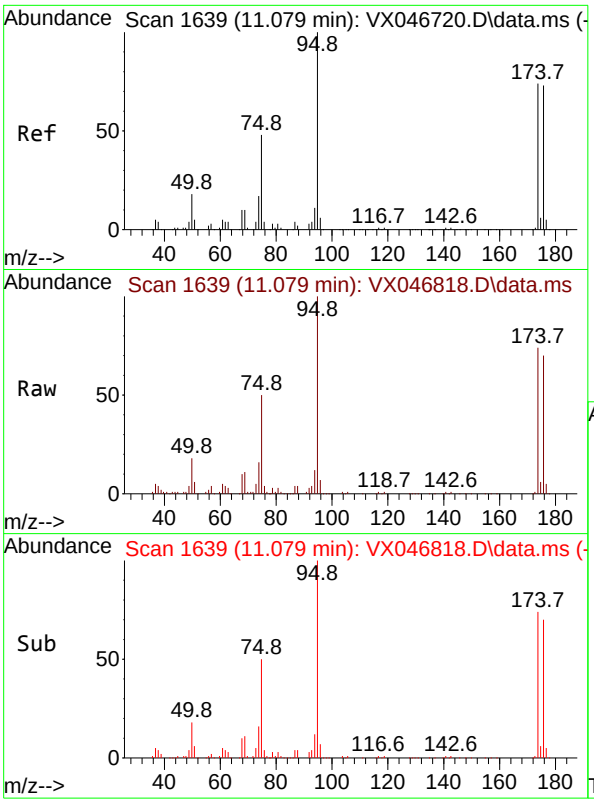


#52
Toluene
Concen: 24.568 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX046818.D
Acq: 23 Jun 2025 14:28

Tgt Ion: 92 Resp: 84079

Ion	Ratio	Lower	Upper
92	100		
91	169.0	134.8	202.2



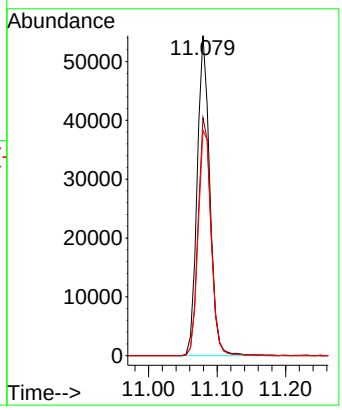


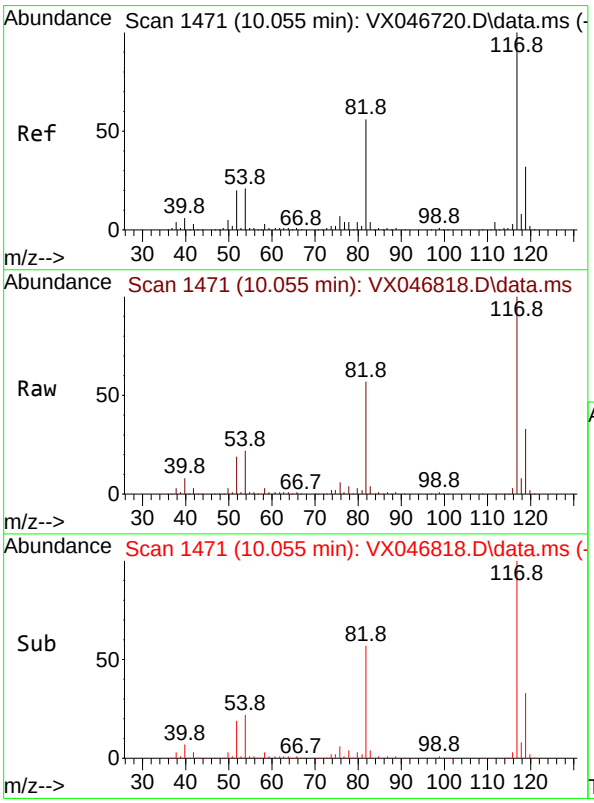
#62
4-Bromofluorobenzene
Concen: 40.159 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046818.D
Acq: 23 Jun 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
BBX42025

Tgt Ion: 95 Resp: 69498

Ion	Ratio	Lower	Upper
95	100		
174	76.5	0.0	150.4
176	73.3	0.0	145.0

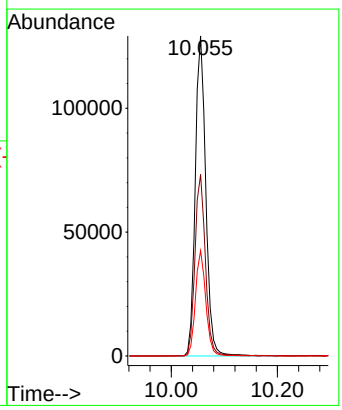


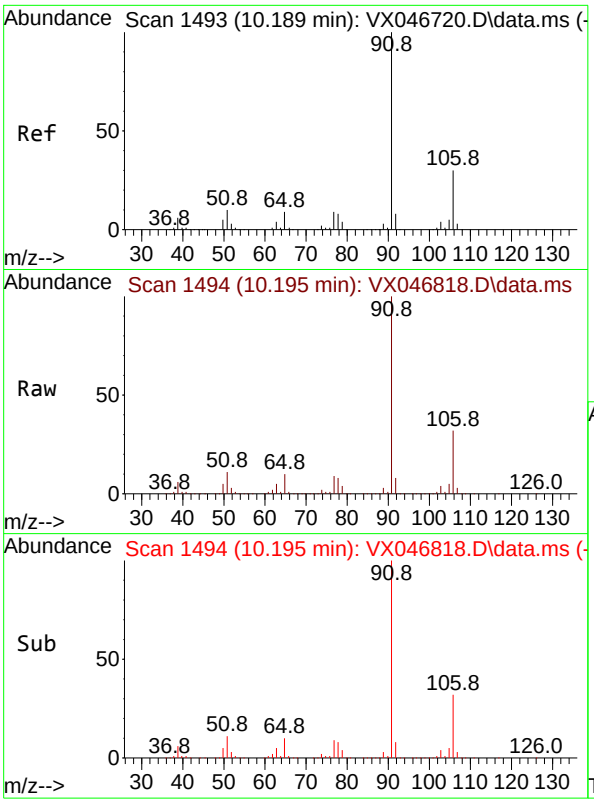


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046818.D
Acq: 23 Jun 2025 14:28

Tgt Ion:117 Resp: 177101

Ion	Ratio	Lower	Upper
117	100		
82	56.6	44.6	66.8
119	32.9	25.8	38.8



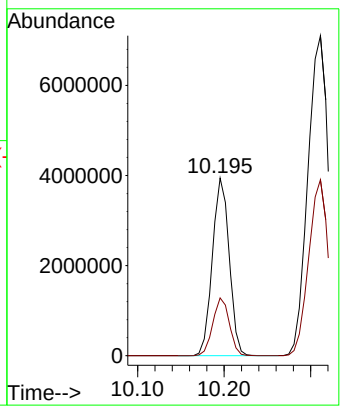


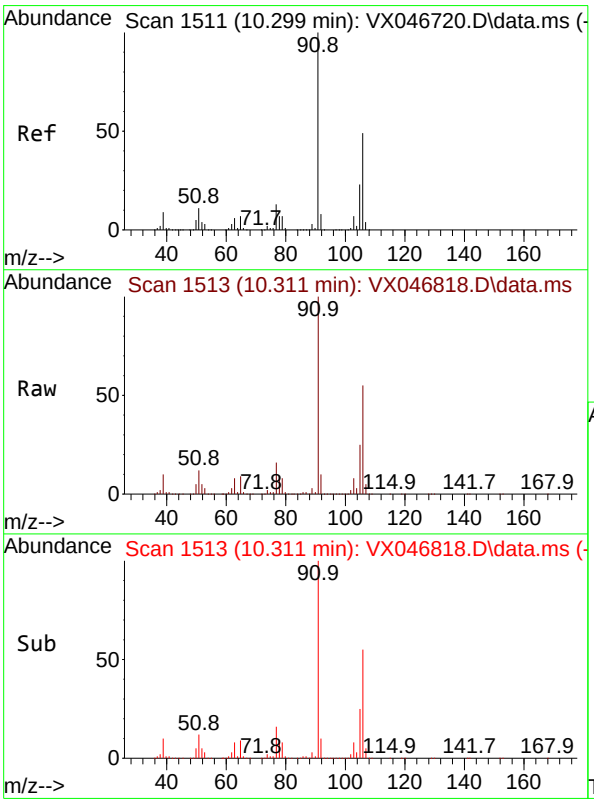
#67
Ethyl Benzene
Concen: 779.902 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX046818.D
Acq: 23 Jun 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
BBX42025

Tgt Ion: 91 Resp: 5327342

Ion	Ratio	Lower	Upper
91	100		
106	32.5	24.2	36.2

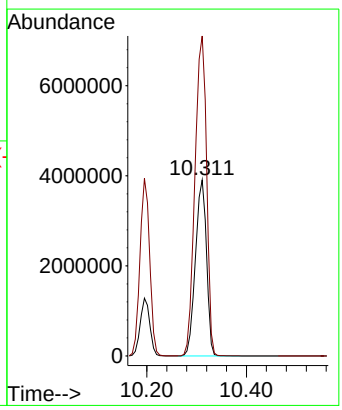


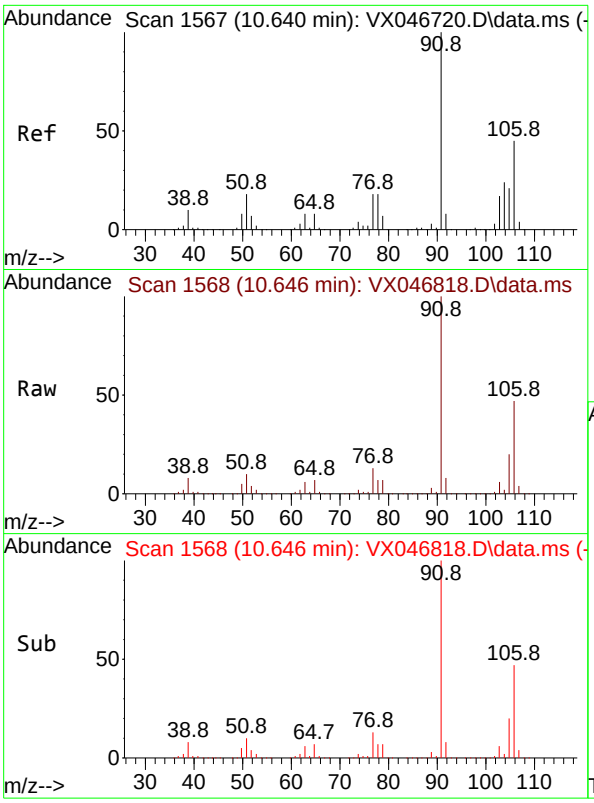


#68
m/p-Xylenes
Concen: 2366.194 ug/l
RT: 10.311 min Scan# 1513
Delta R.T. 0.012 min
Lab File: VX046818.D
Acq: 23 Jun 2025 14:28

Tgt Ion:106 Resp: 6022463

Ion	Ratio	Lower	Upper
106	100		
91	191.1	164.8	247.2



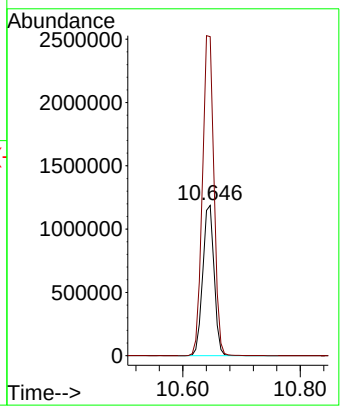


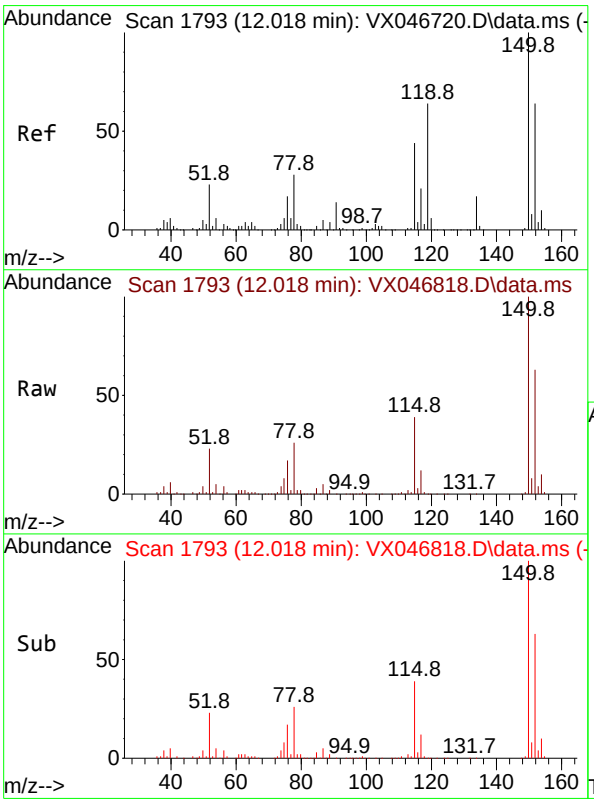
#69
o-Xylene
Concen: 667.362 ug/l
RT: 10.646 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046818.D
Acq: 23 Jun 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
BBX42025

Tgt Ion:106 Resp: 1591863

Ion	Ratio	Lower	Upper
106	100		
91	216.1	111.3	333.9

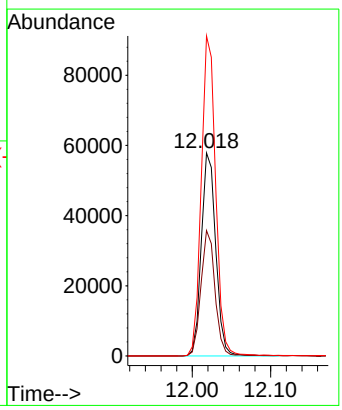


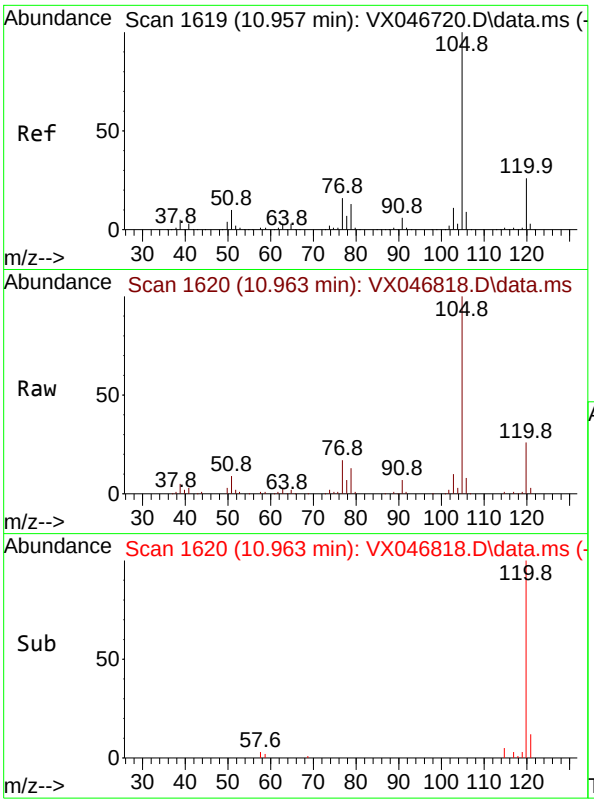


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046818.D
Acq: 23 Jun 2025 14:28

Tgt Ion:152 Resp: 74038

Ion	Ratio	Lower	Upper
152	100		
115	60.6	43.2	129.6
150	157.4	0.0	346.8





#73
Isopropylbenzene
Concen: 6.189 ug/l
RT: 10.963 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046818.D
Acq: 23 Jun 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
BBX42025

Tgt Ion:105 Resp: 33749

Ion	Ratio	Lower	Upper
105	100		
120	25.8	13.0	39.0