Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063025\
Data File : VX046839.D
Acq On : 30 Jun 2025 14:09
Operator : JC/MD
Sample : Q2371-05DL 2500X
Misc : 7.35g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BBX42025DL

Quant Time: Jul 01 06:29:49 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	5.562	168	283015	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	469626	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	423279	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	206868	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	175771	44.901	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.800%		
35) Dibromofluoromethane	5.391	113	147231	47.384	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.760%		
50) Toluene-d8	8.647	98	553559	49.587	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.180%		
62) 4-Bromofluorobenzene	11.079	95	207870	49.953	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	99.900%		
Target Compounds						Qvalue
52) Toluene	8.726	92	2251	0.274	ug/l	96
67) Ethyl Benzene	10.195	91	157805	9.666	ug/l	100
68) m/p-Xylenes	10.299	106	230765	37.935	ug/l	99
69) o-Xylene	10.640	106	55991	9.821	ug/l	100

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

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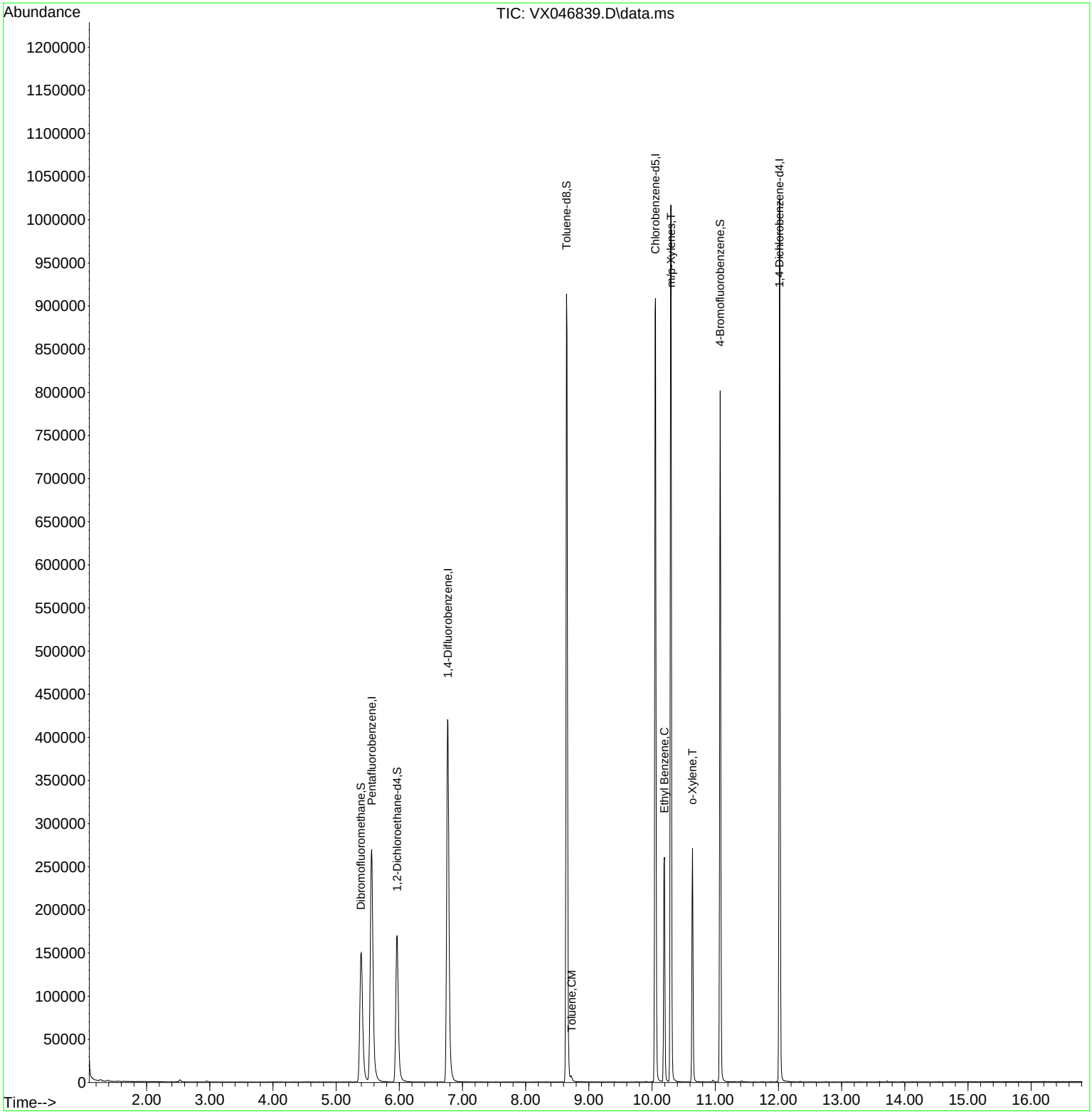
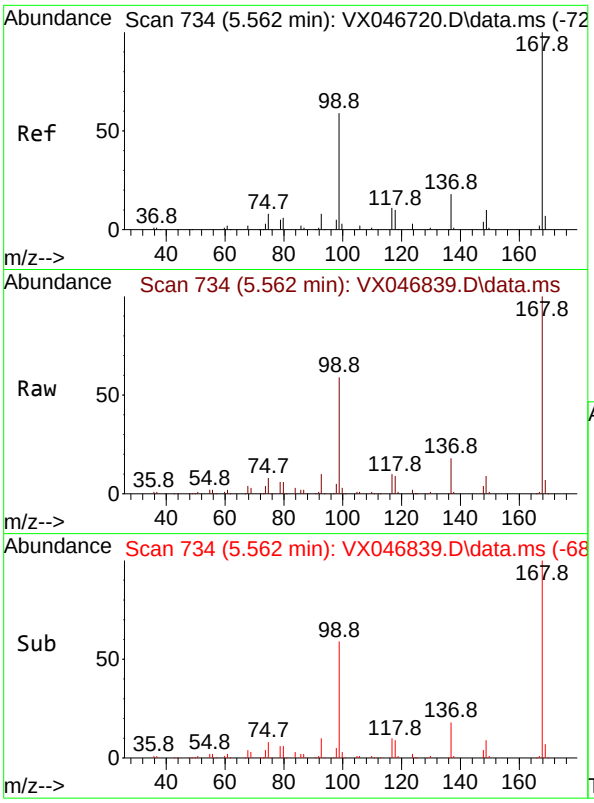


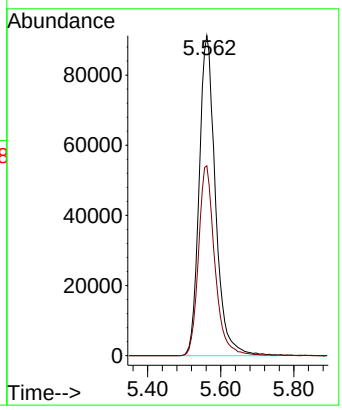


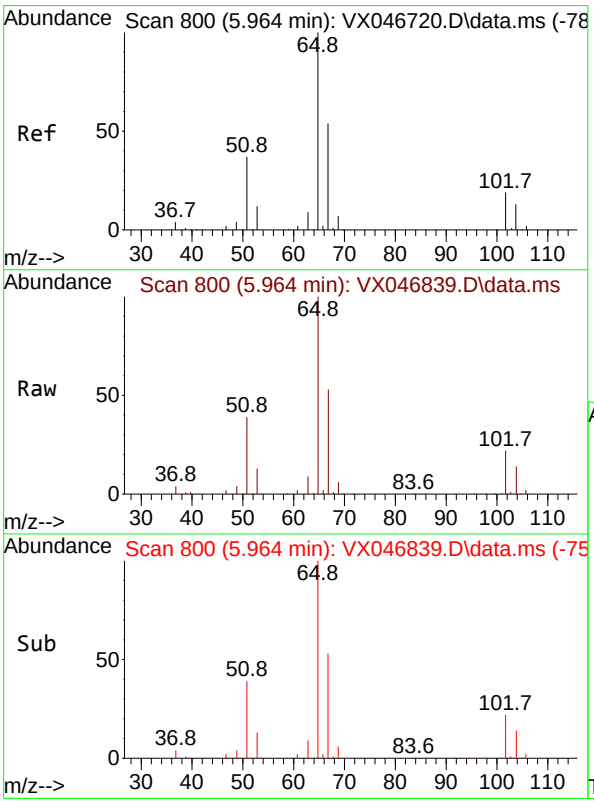
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046839.D
Acq: 30 Jun 2025 14:09

Instrument :
MSVOA_X
ClientSampleId :
BBX42025DL

Tgt Ion:168 Resp: 283015

Ion	Ratio	Lower	Upper
168	100		
99	59.4	48.5	72.7

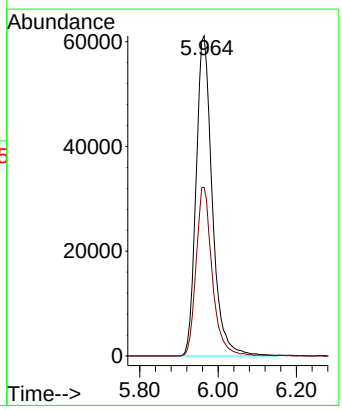


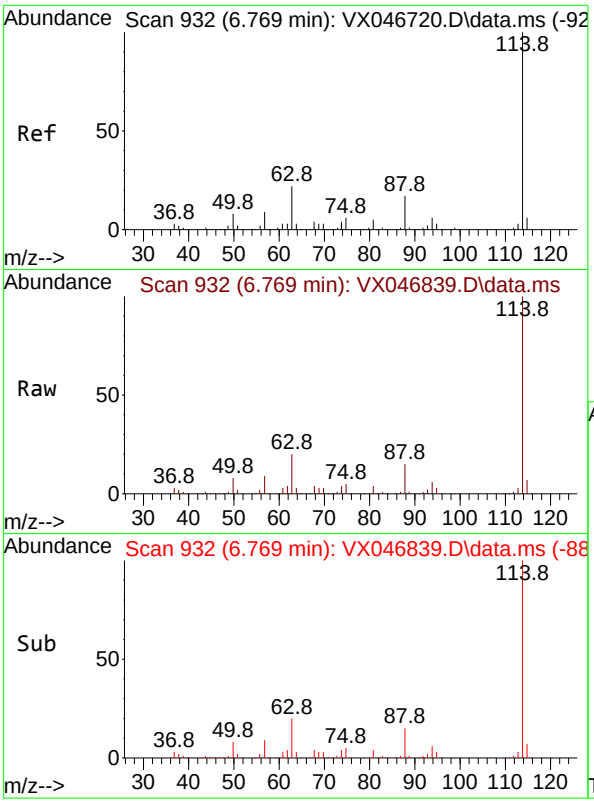


#33
1,2-Dichloroethane-d4
Concen: 44.901 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX046839.D
Acq: 30 Jun 2025 14:09

Tgt Ion: 65 Resp: 175771

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	105.4



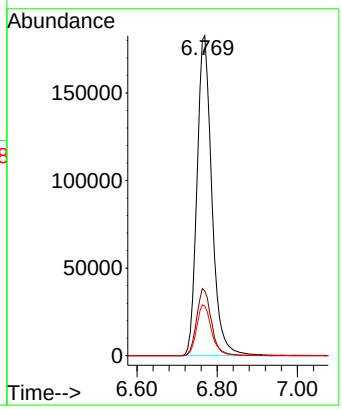


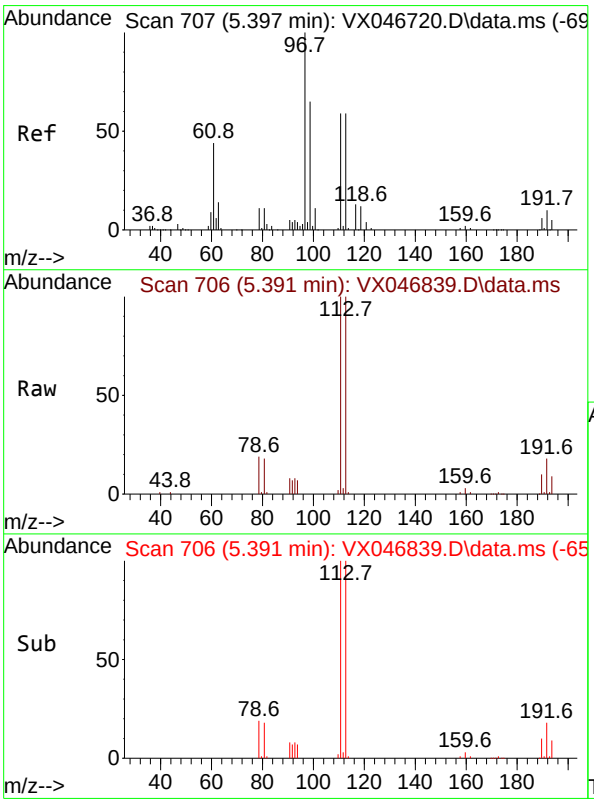
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX046839.D
Acq: 30 Jun 2025 14:09

Instrument :
MSVOA_X
ClientSampleId :
BBX42025DL

Tgt Ion:114 Resp: 469626

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	44.2
88	15.5	0.0	33.2

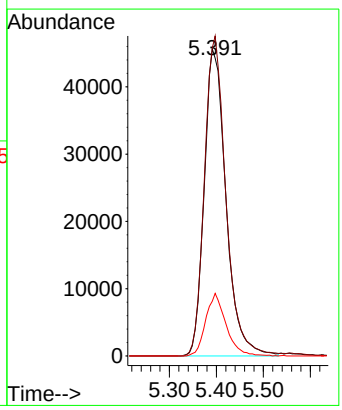


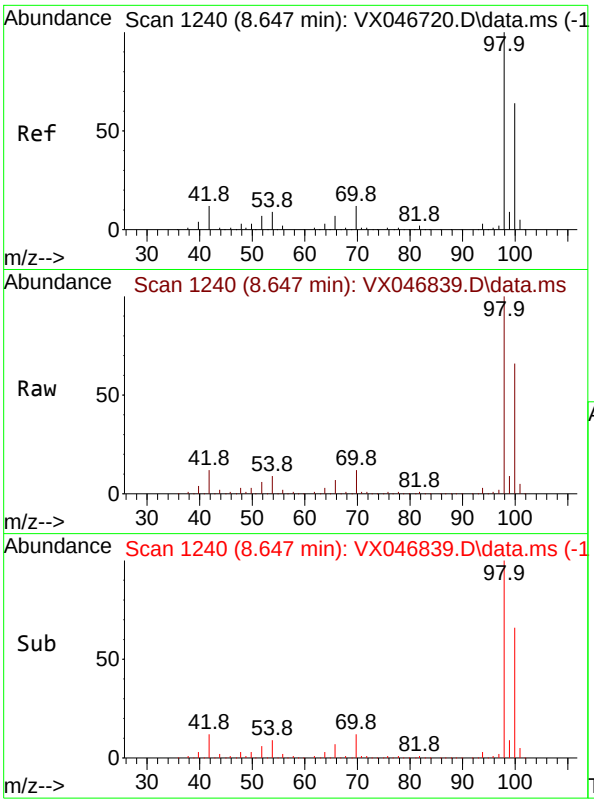


#35
Dibromofluoromethane
Concen: 47.384 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX046839.D
Acq: 30 Jun 2025 14:09

Tgt Ion:113 Resp: 147231

Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.0	123.0
192	19.0	15.3	22.9



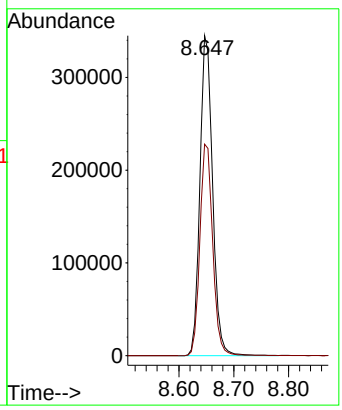


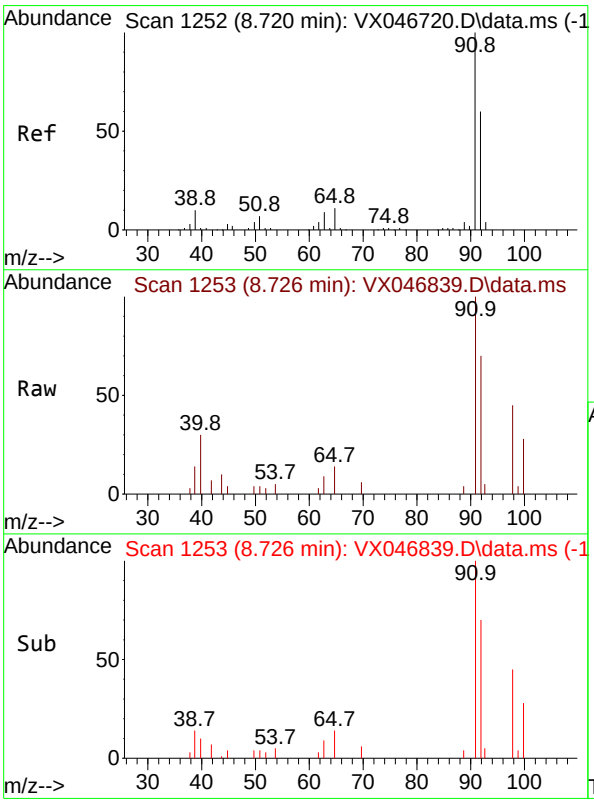
#50
Toluene-d8
Concen: 49.587 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046839.D
Acq: 30 Jun 2025 14:09

Instrument :
MSVOA_X
ClientSampleId :
BBX42025DL

Tgt Ion: 98 Resp: 553559

Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.0	79.4

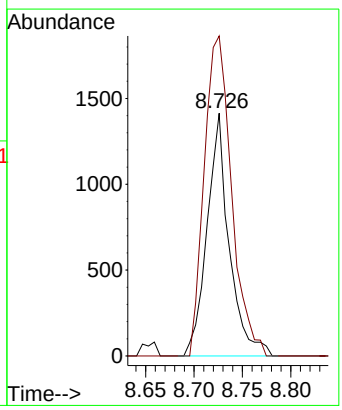


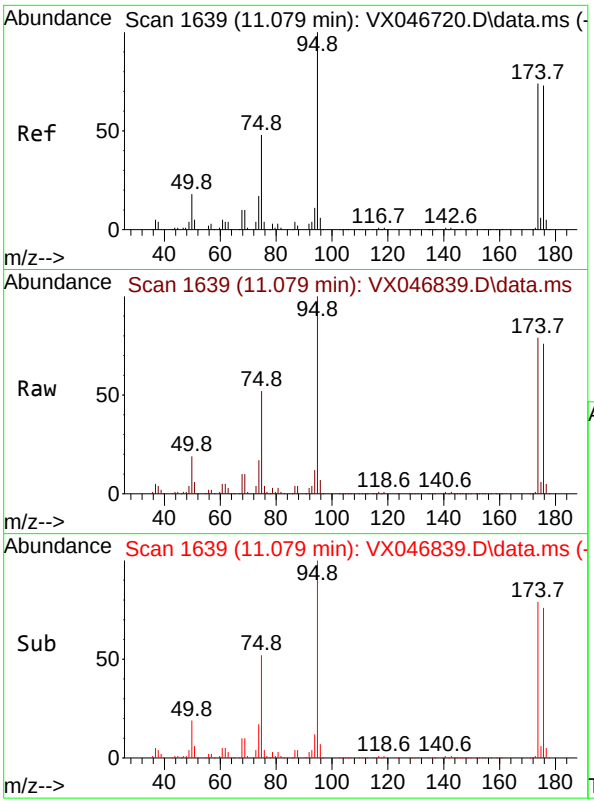


#52
Toluene
Concen: 0.274 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX046839.D
Acq: 30 Jun 2025 14:09

Tgt Ion: 92 Resp: 2251

Ion	Ratio	Lower	Upper
92	100		
91	162.8	134.8	202.2



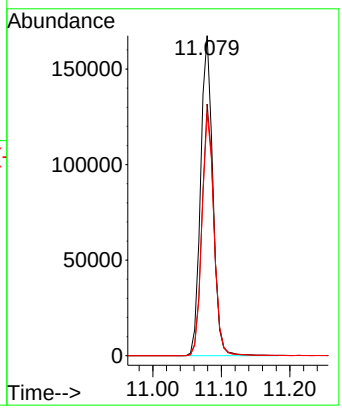


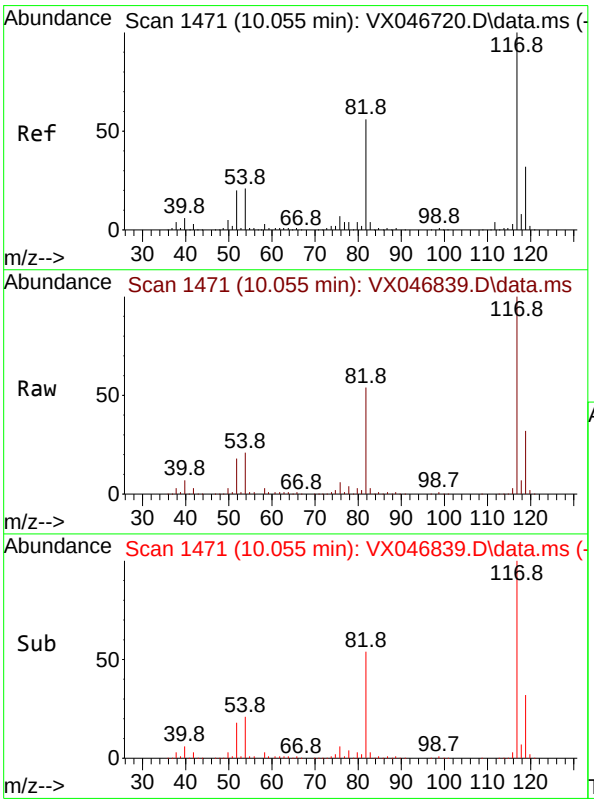
#62
4-Bromofluorobenzene
Concen: 49.953 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046839.D
Acq: 30 Jun 2025 14:09

Instrument :
MSVOA_X
ClientSampleId :
BBX42025DL

Tgt Ion: 95 Resp: 207870

Ion	Ratio	Lower	Upper
95	100		
174	76.5	0.0	150.4
176	74.6	0.0	145.0

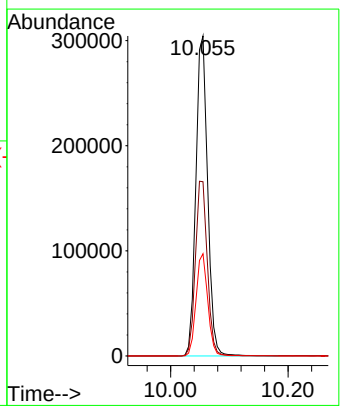


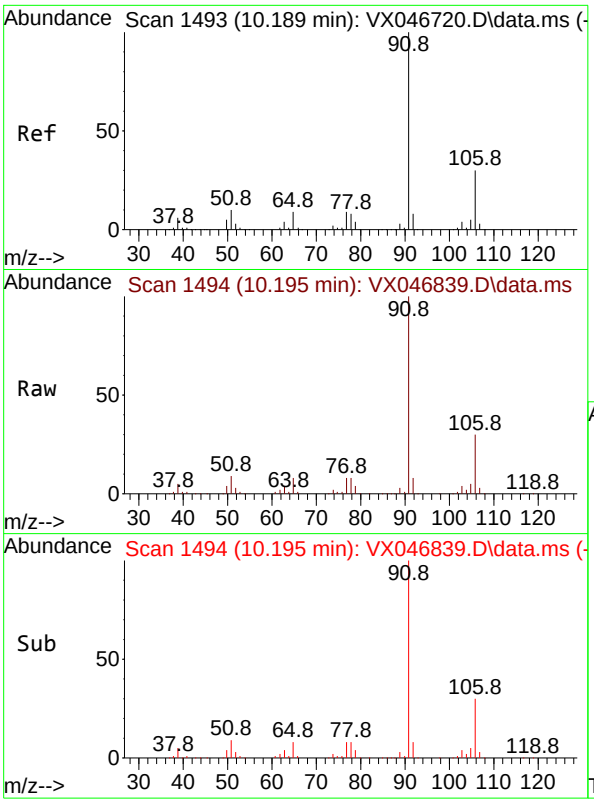


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046839.D
Acq: 30 Jun 2025 14:09

Tgt Ion:117 Resp: 423279

Ion	Ratio	Lower	Upper
117	100		
82	54.5	44.6	66.8
119	31.9	25.8	38.8



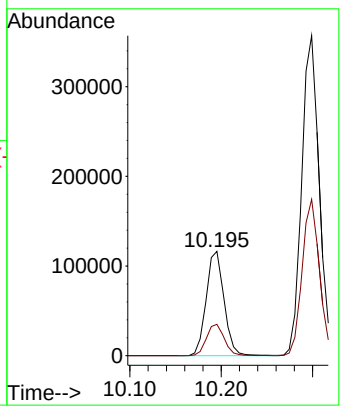


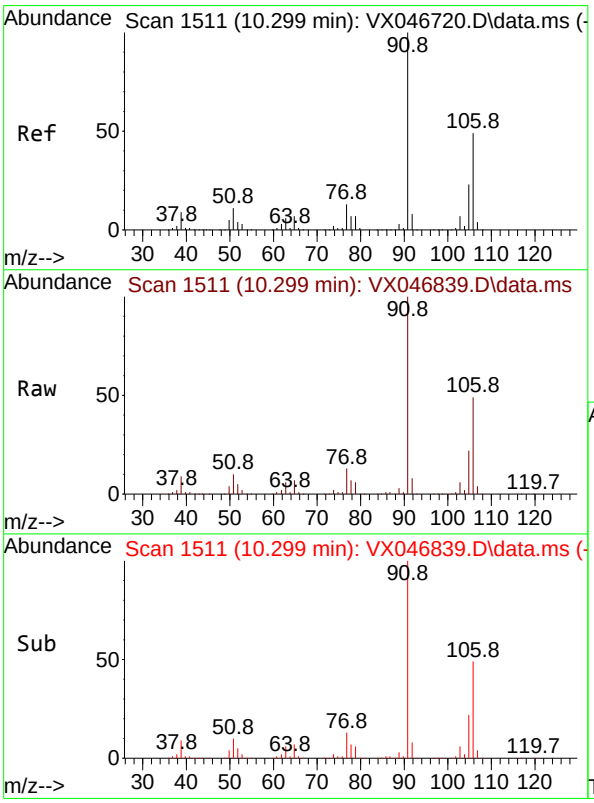
#67
Ethyl Benzene
Concen: 9.666 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX046839.D
Acq: 30 Jun 2025 14:09

Instrument :
MSVOA_X
ClientSampleId :
BBX42025DL

Tgt Ion: 91 Resp: 157805

Ion	Ratio	Lower	Upper
91	100		
106	30.1	24.2	36.2

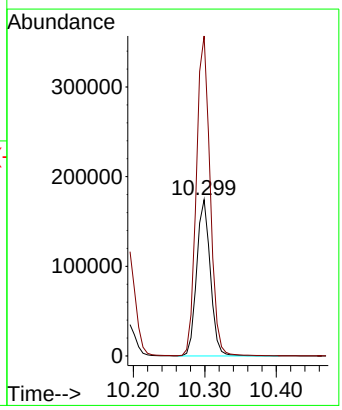


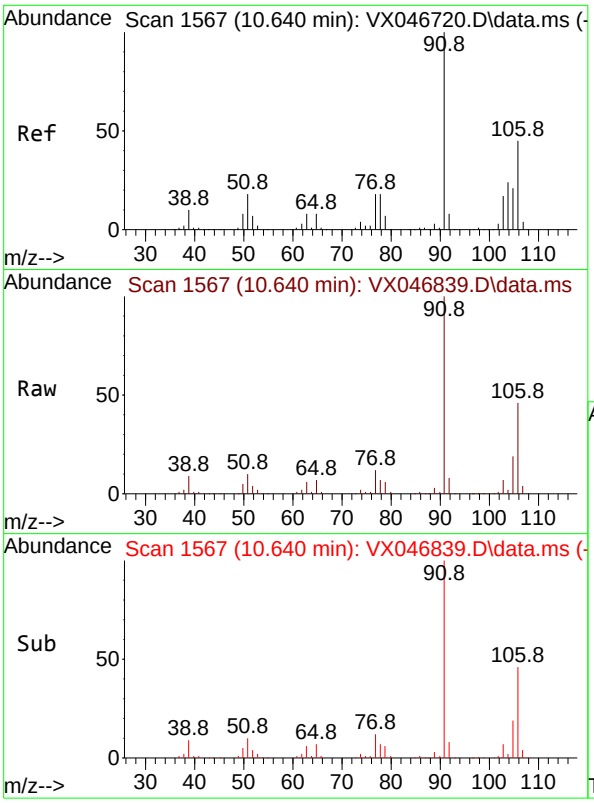


#68
m/p-Xylenes
Concen: 37.935 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046839.D
Acq: 30 Jun 2025 14:09

Tgt Ion:106 Resp: 230765

Ion	Ratio	Lower	Upper
106	100		
91	206.8	164.8	247.2



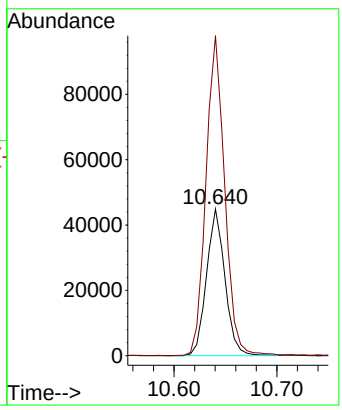


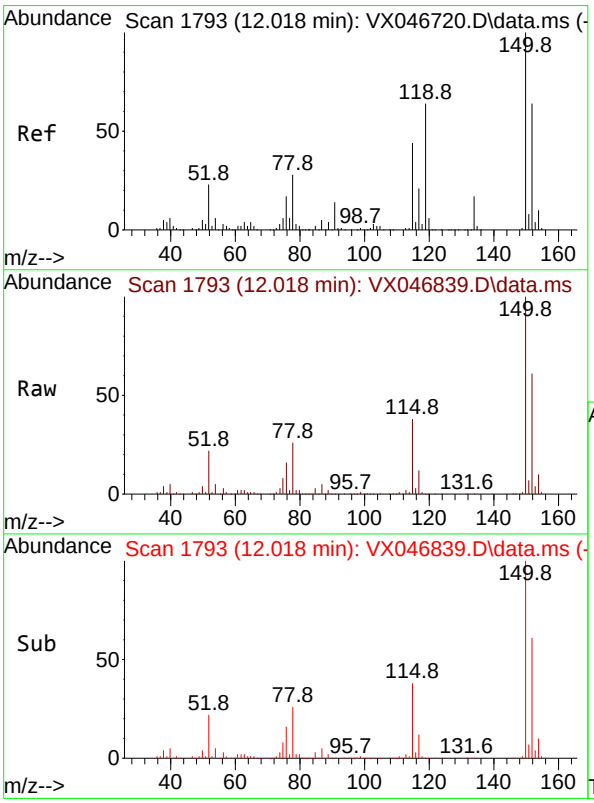
#69
o-Xylene
Concen: 9.821 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046839.D
Acq: 30 Jun 2025 14:09

Instrument :
MSVOA_X
ClientSampleId :
BBX42025DL

Tgt Ion:106 Resp: 55991

Ion	Ratio	Lower	Upper
106	100		
91	223.3	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: VX046839.D
Acq: 30 Jun 2025 14:09

Tgt Ion:152 Resp: 206868

Ion	Ratio	Lower	Upper
152	100		
115	60.3	43.2	129.6
150	157.5	0.0	346.8