Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063025\
Data File : VX046838.D
Acq On : 30 Jun 2025 13:48
Operator : JC/MD
Sample : Q2371-04DL 800X
Misc : 6.82g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RPXY42025DL

Quant Time: Jul 01 05:30:56 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	267442	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	441134	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	397169	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	196471	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	161055	43.538	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 87.080%			
35) Dibromofluoromethane	5.397	113	139226	47.702	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.400%			
50) Toluene-d8	8.647	98	519970	49.586	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.180%			
62) 4-Bromofluorobenzene	11.079	95	198922	50.890	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.780%			
Target Compounds						Qvalue
52) Toluene	8.726	92	2397	0.310	ug/l	97
67) Ethyl Benzene	10.195	91	211160	13.784	ug/l	99
68) m/p-Xylenes	10.299	106	283556	49.678	ug/l	99
69) o-Xylene	10.640	106	69746	13.038	ug/l	98

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

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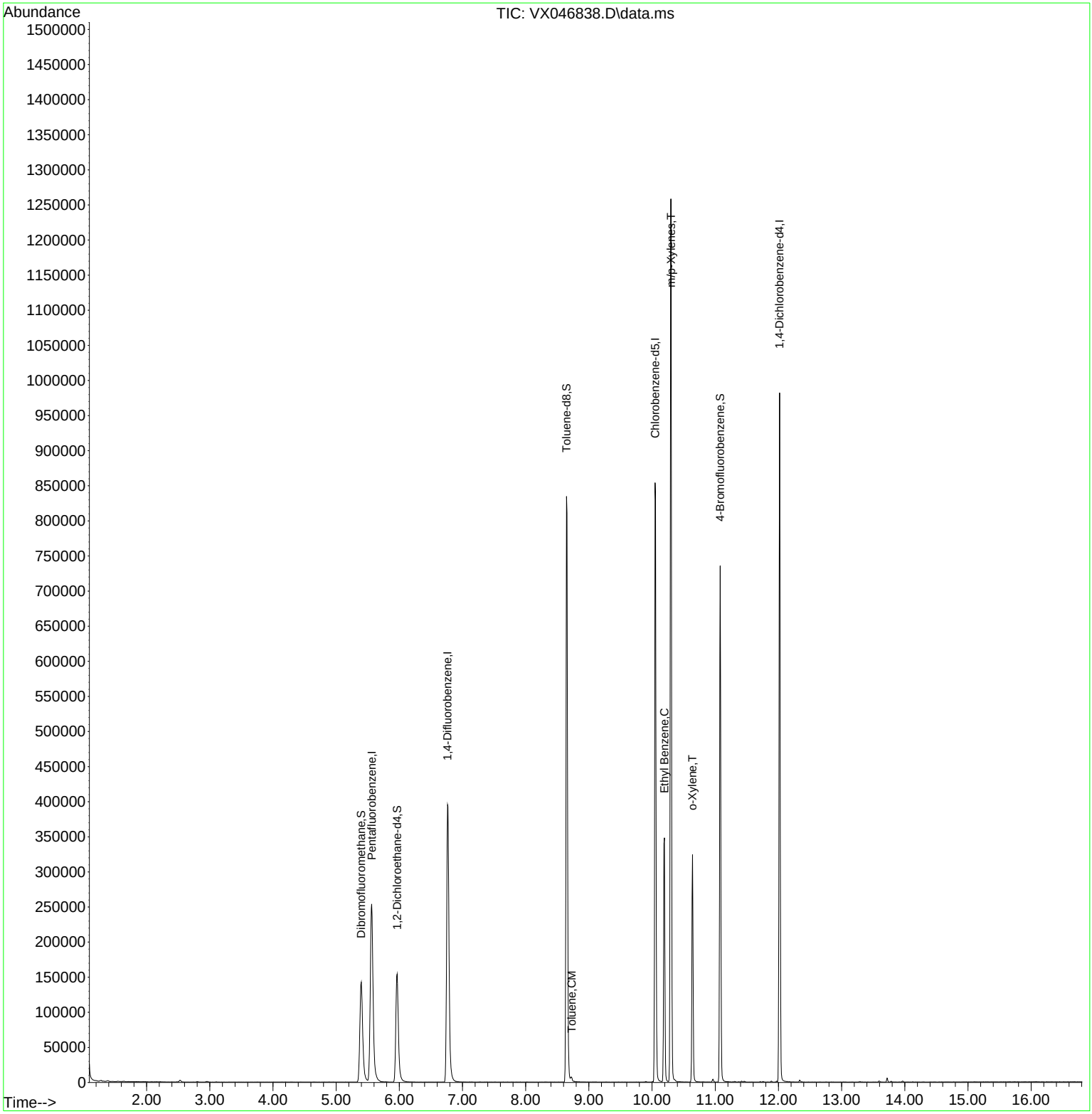
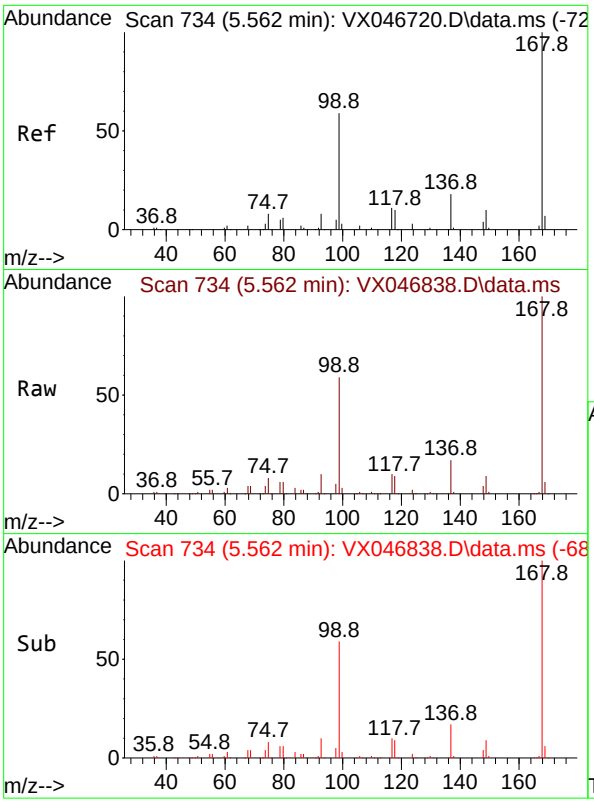


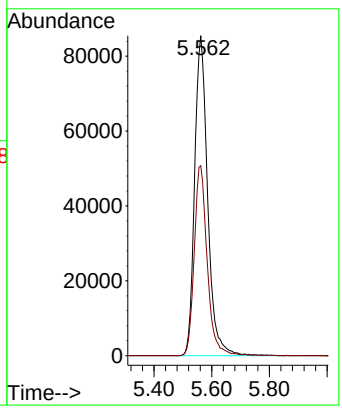


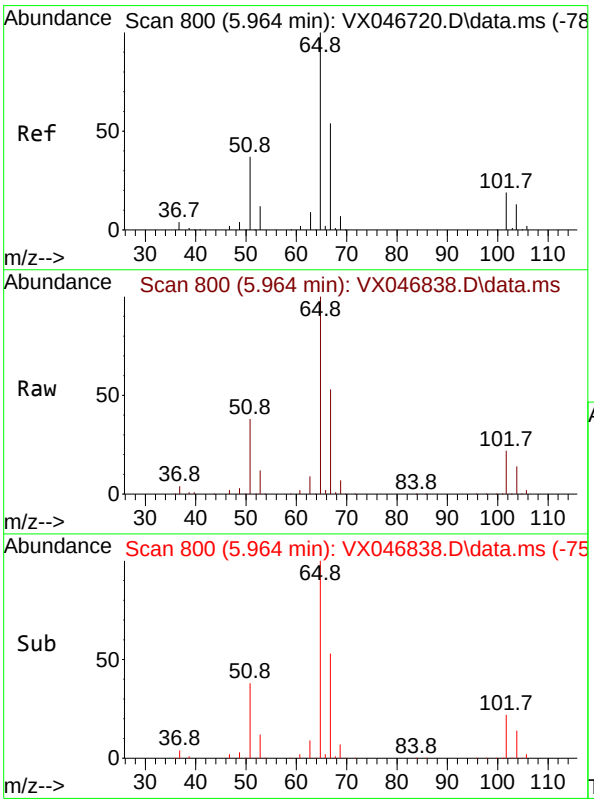
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX046838.D
Acq: 30 Jun 2025 13:48

Instrument :
MSVOA_X
ClientSampleId :
RPXY42025DL

Tgt Ion:168 Resp: 267442

Ion	Ratio	Lower	Upper
168	100		
99	59.4	48.5	72.7

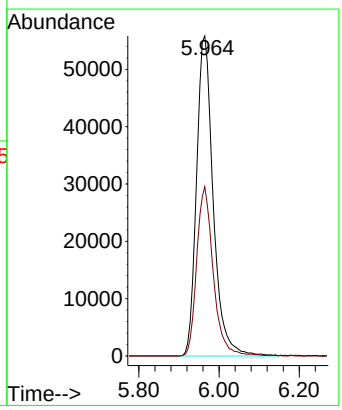


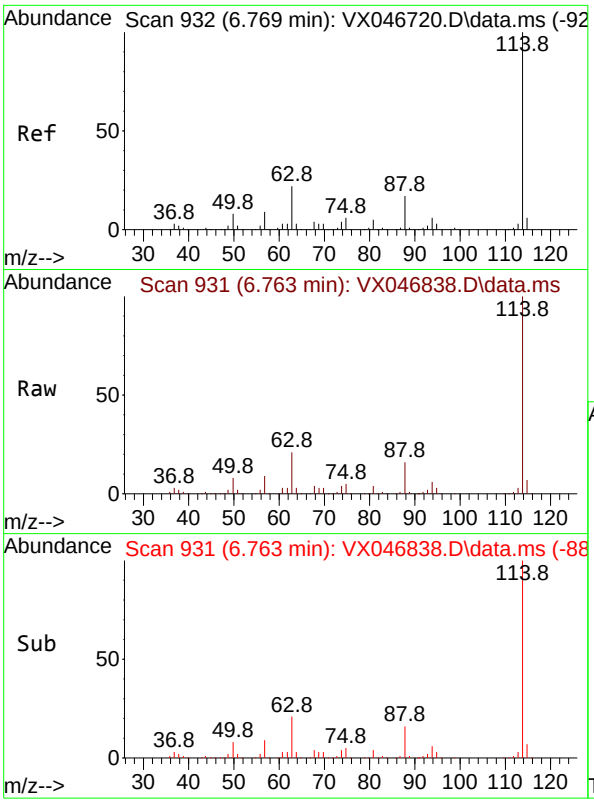


#33
1,2-Dichloroethane-d4
Concen: 43.538 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX046838.D
Acq: 30 Jun 2025 13:48

Tgt Ion: 65 Resp: 161055

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	105.4



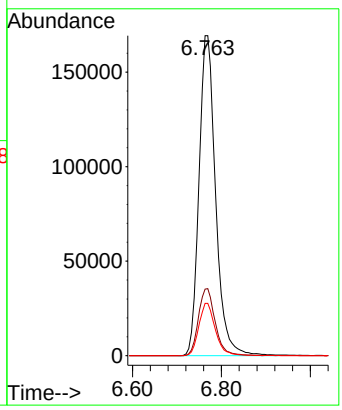


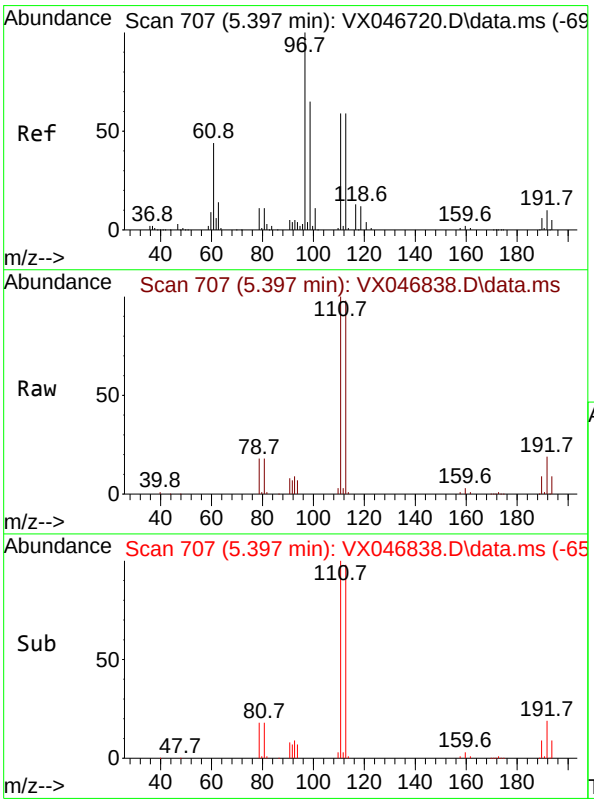
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. -0.006 min
Lab File: VX046838.D
Acq: 30 Jun 2025 13:48

Instrument :
MSVOA_X
ClientSampleId :
RPXY42025DL

Tgt Ion:114 Resp: 441134

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	44.2
88	16.4	0.0	33.2

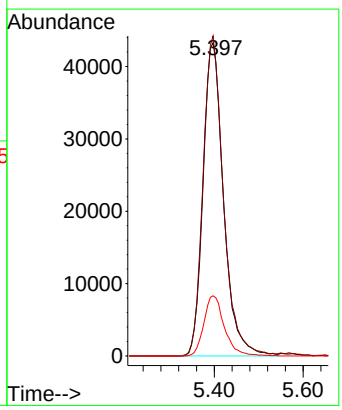


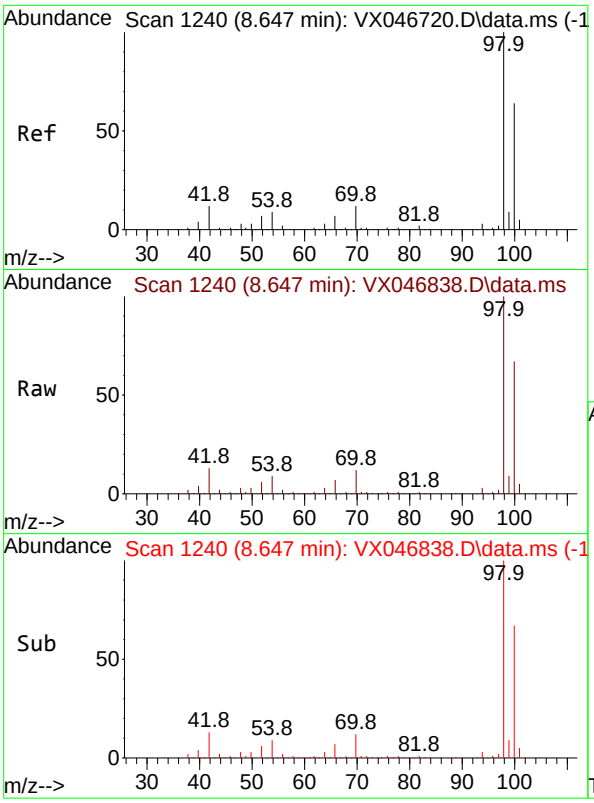


#35
Dibromofluoromethane
Concen: 47.702 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046838.D
Acq: 30 Jun 2025 13:48

Tgt Ion:113 Resp: 139226

Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.0	123.0
192	19.2	15.3	22.9



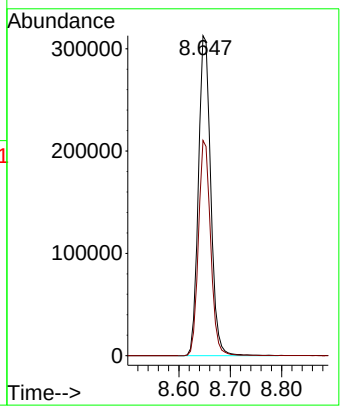


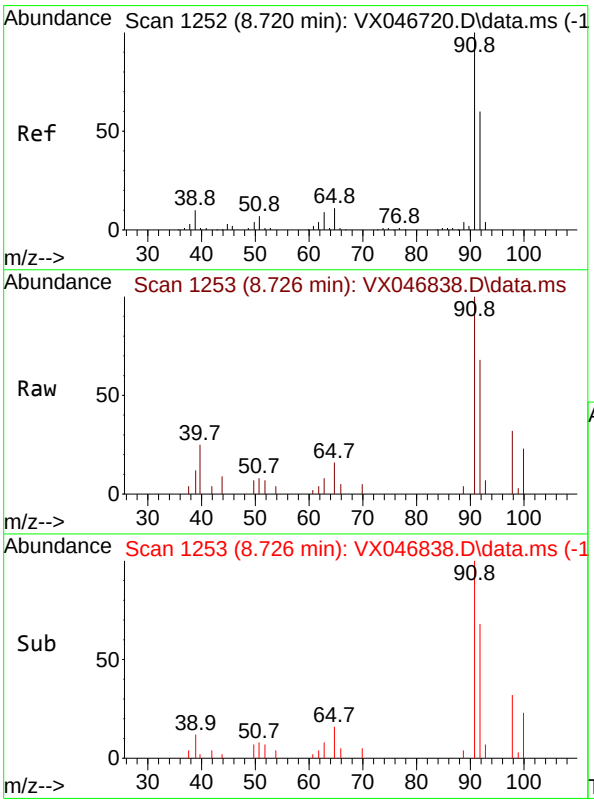
#50
Toluene-d8
Concen: 49.586 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046838.D
Acq: 30 Jun 2025 13:48

Instrument :
MSVOA_X
ClientSampleId :
RPXY42025DL

Tgt Ion: 98 Resp: 519970

Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.0	79.4

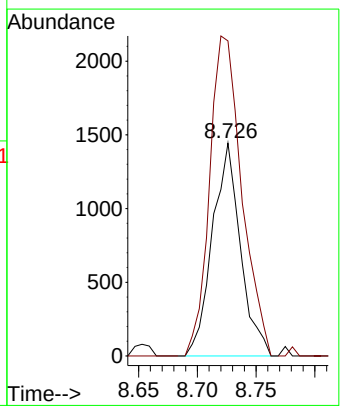


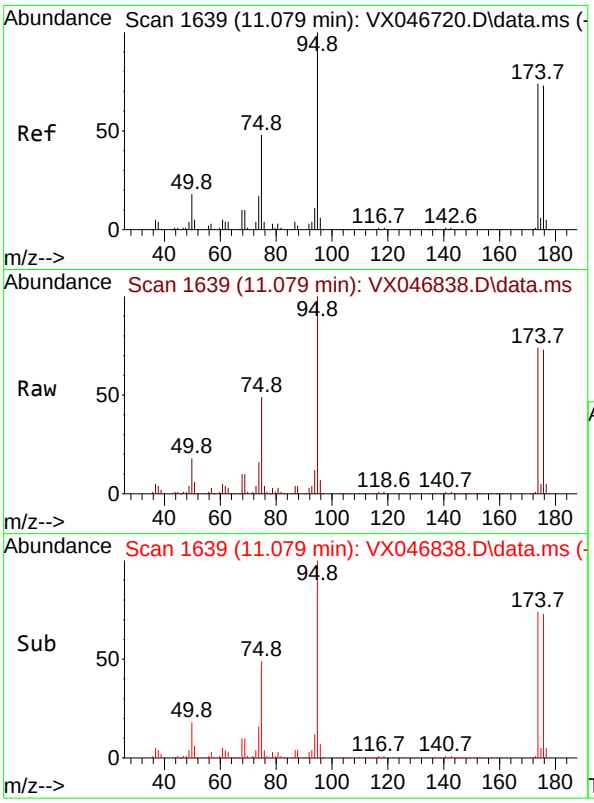


#52
Toluene
Concen: 0.310 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX046838.D
Acq: 30 Jun 2025 13:48

Tgt Ion: 92 Resp: 2397

Ion	Ratio	Lower	Upper
92	100		
91	172.8	134.8	202.2



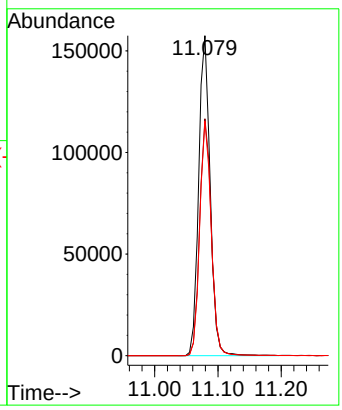


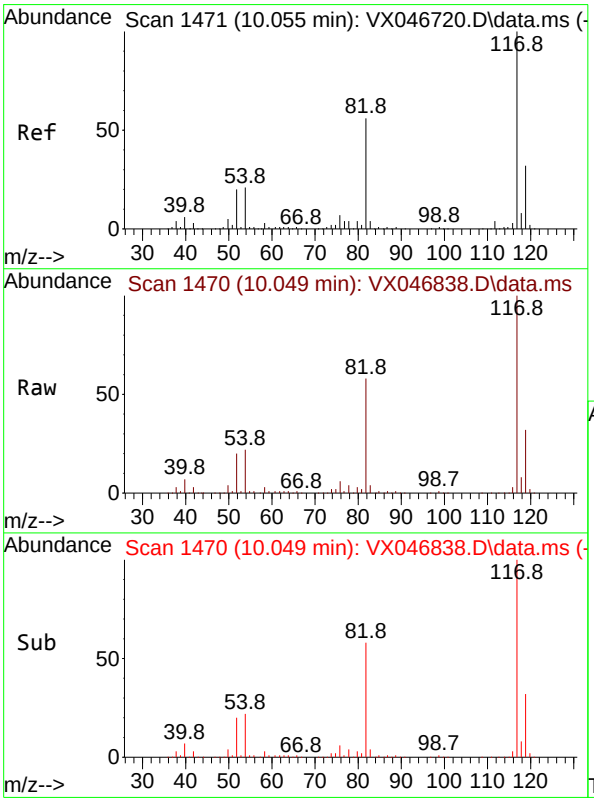
#62
4-Bromofluorobenzene
Concen: 50.890 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046838.D
Acq: 30 Jun 2025 13:48

Instrument :
MSVOA_X
ClientSampleId :
RPXY42025DL

Tgt Ion: 95 Resp: 198922

Ion	Ratio	Lower	Upper
95	100		
174	74.9	0.0	150.4
176	73.5	0.0	145.0

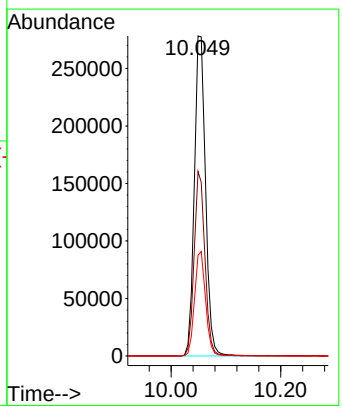


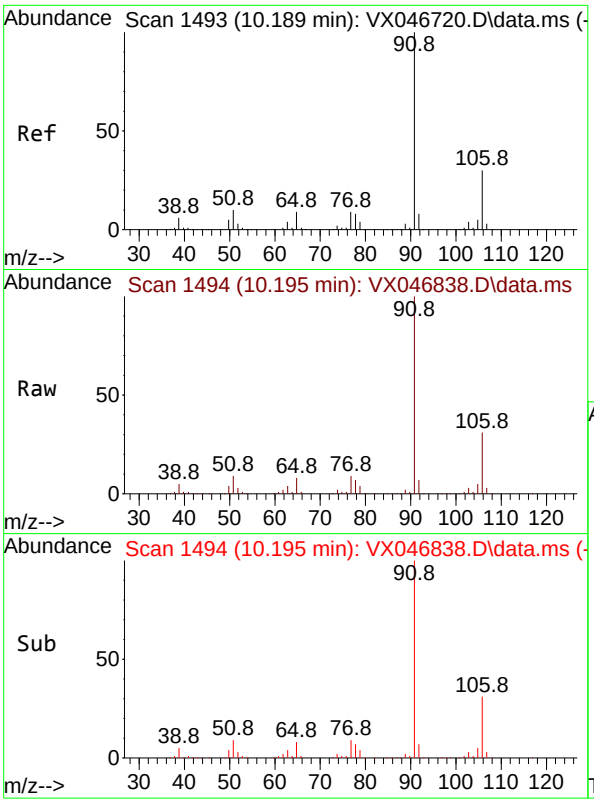


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX046838.D
Acq: 30 Jun 2025 13:48

Tgt Ion:117 Resp: 397169

Ion	Ratio	Lower	Upper
117	100		
82	57.7	44.6	66.8
119	31.5	25.8	38.8



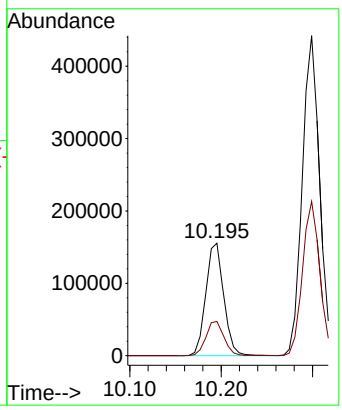


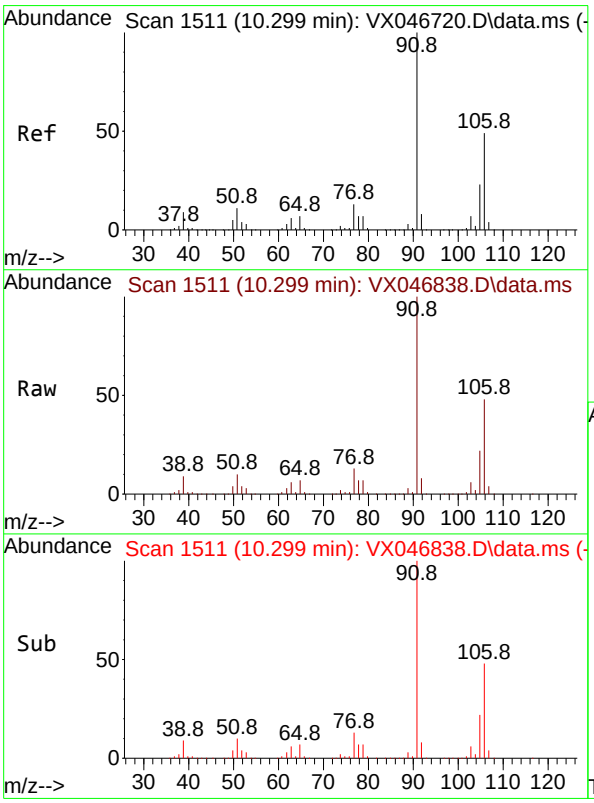
#67
Ethyl Benzene
Concen: 13.784 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX046838.D
Acq: 30 Jun 2025 13:48

Instrument :
MSVOA_X
ClientSampleId :
RPXY42025DL

Tgt Ion: 91 Resp: 211160

Ion	Ratio	Lower	Upper
91	100		
106	30.5	24.2	36.2

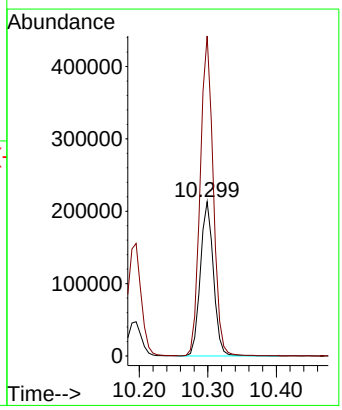


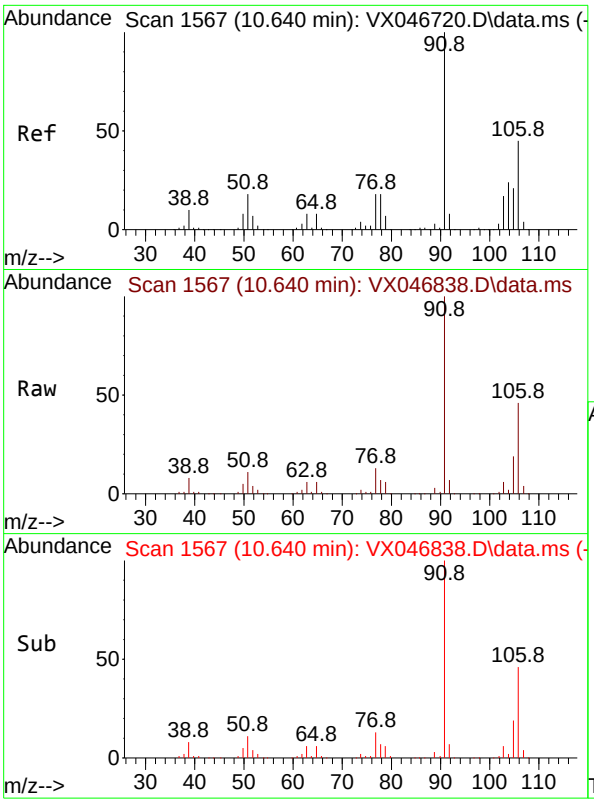


#68
m/p-Xylenes
Concen: 49.678 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046838.D
Acq: 30 Jun 2025 13:48

Tgt Ion:106 Resp: 283556

Ion	Ratio	Lower	Upper
106	100		
91	207.5	164.8	247.2



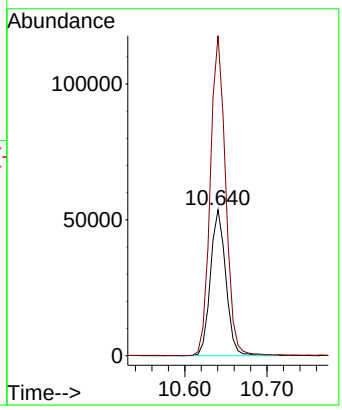


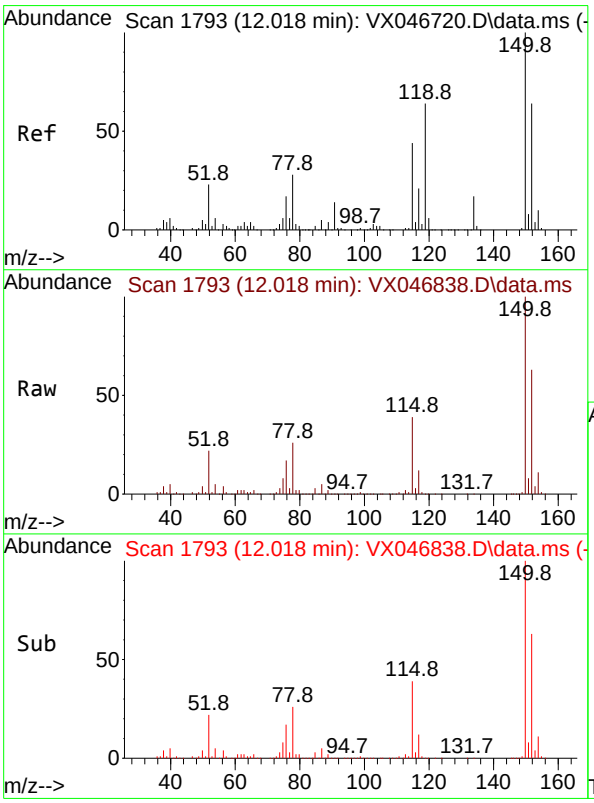
#69
o-Xylene
Concen: 13.038 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046838.D
Acq: 30 Jun 2025 13:48

Instrument :
MSVOA_X
ClientSampleId :
RPXY42025DL

Tgt Ion:106 Resp: 69746

Ion	Ratio	Lower	Upper
106	100		
91	219.0	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: VX046838.D
Acq: 30 Jun 2025 13:48

Tgt Ion:152 Resp: 196471

Ion	Ratio	Lower	Upper
152	100		
115	61.1	43.2	129.6
150	158.6	0.0	346.8