Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062325\
Data File : VX046819.D
Acq On : 23 Jun 2025 14:50
Operator : JC/MD
Sample : Q2371-04 40X
Misc : 6.82g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RPXY42025

Quant Time: Jun 24 04:08:14 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	167072	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	289861	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	268205	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	122450	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	111095	48.074	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 96.140%			
35) Dibromofluoromethane	5.397	113	92683	48.327	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.660%			
50) Toluene-d8	8.653	98	347237	50.395	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.800%			
62) 4-Bromofluorobenzene	11.079	95	119578	46.557	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 93.120%			
Target Compounds						Qvalue
52) Toluene	8.720	92	35818	7.052	ug/l	99
67) Ethyl Benzene	10.195	91	2837603	274.306	ug/l	98
68) m/p-Xylenes	10.305	106	3312872	859.479	ug/l	95
69) o-Xylene	10.640	106	815299	225.698	ug/l	98
73) Isopropylbenzene	10.964	105	24508	2.718	ug/l	99

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

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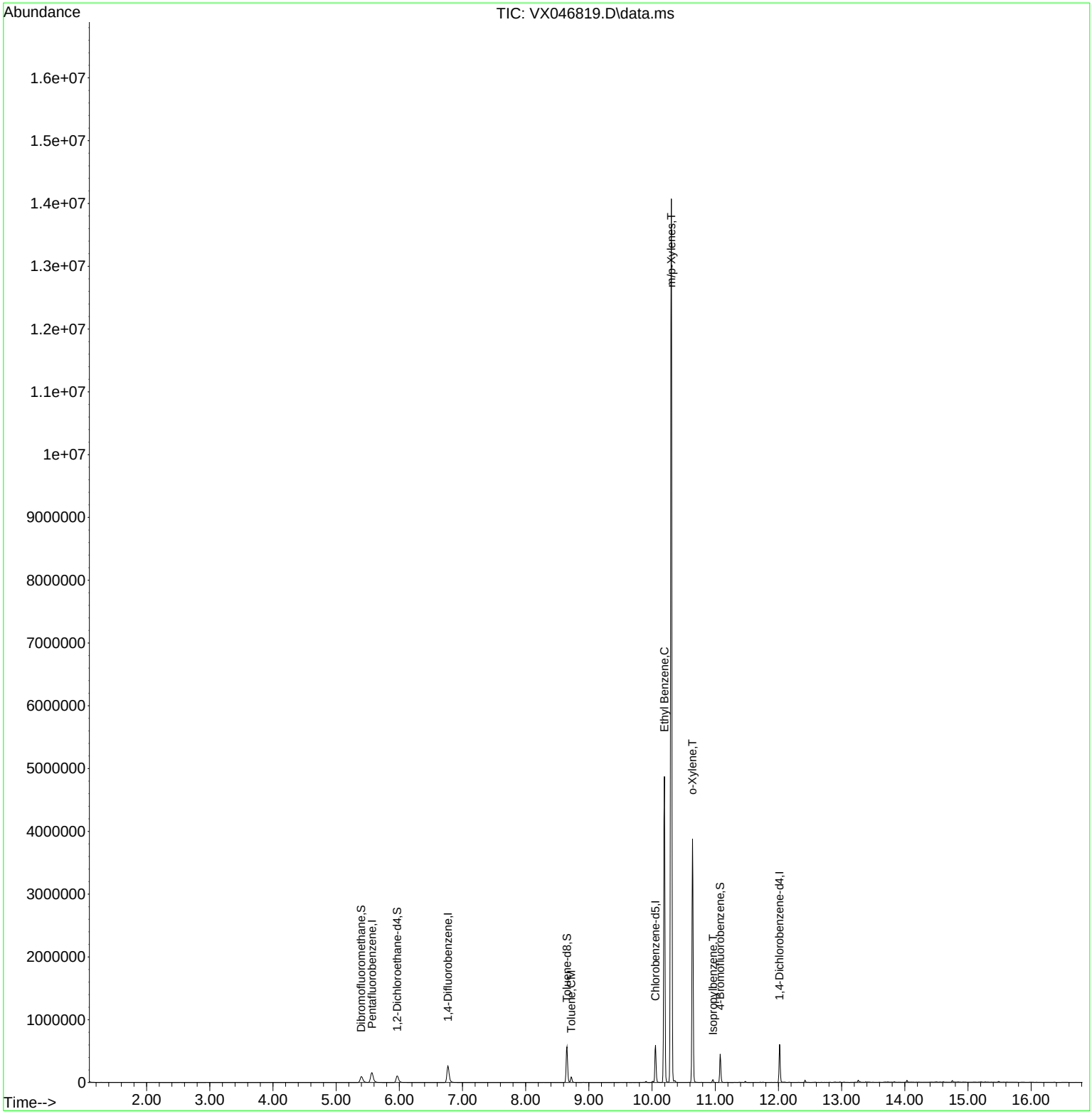
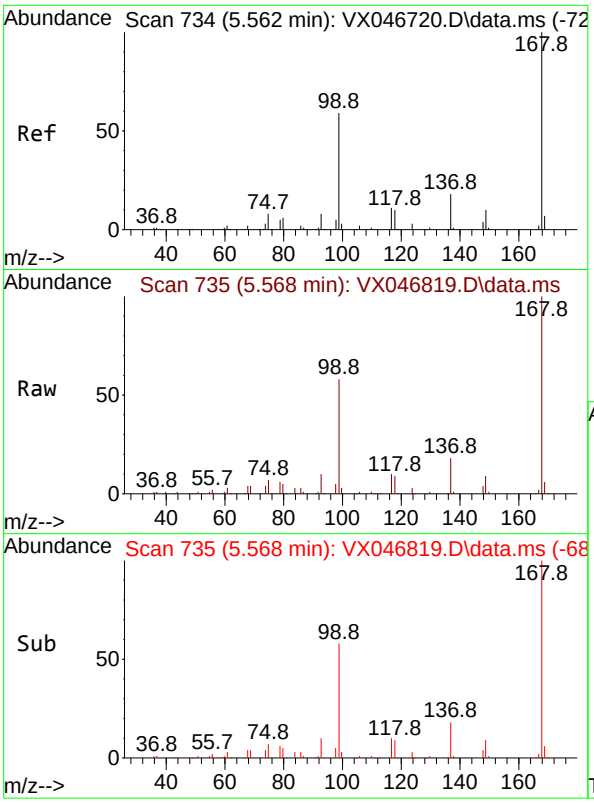


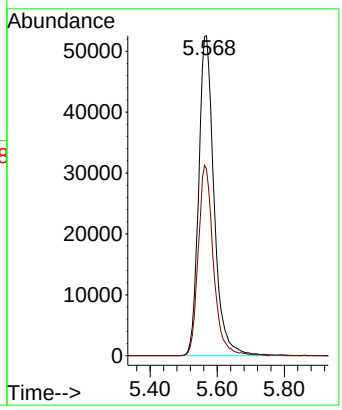


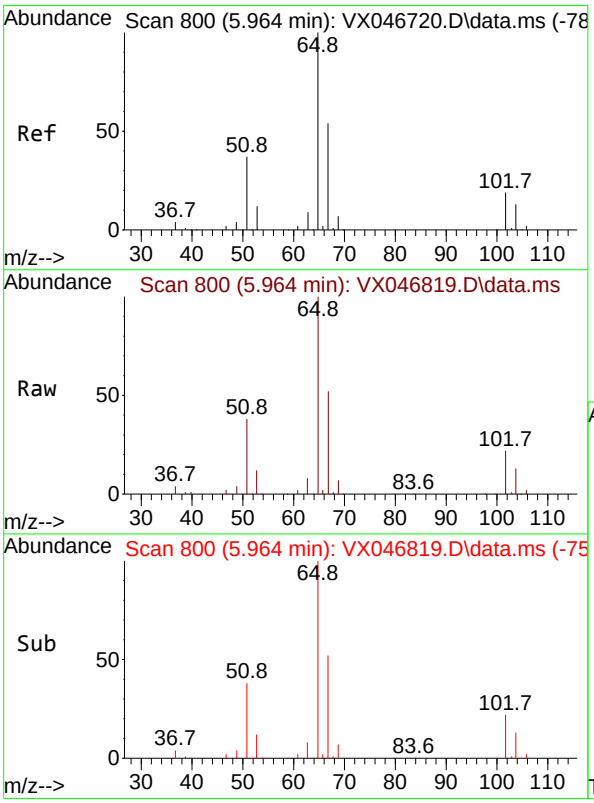
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX046819.D
Acq: 23 Jun 2025 14:50

Instrument :
MSVOA_X
ClientSampleId :
RPXY42025

Tgt Ion:168 Resp: 167072

Ion	Ratio	Lower	Upper
168	100		
99	58.3	48.5	72.7

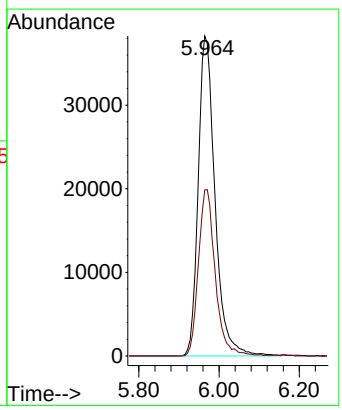


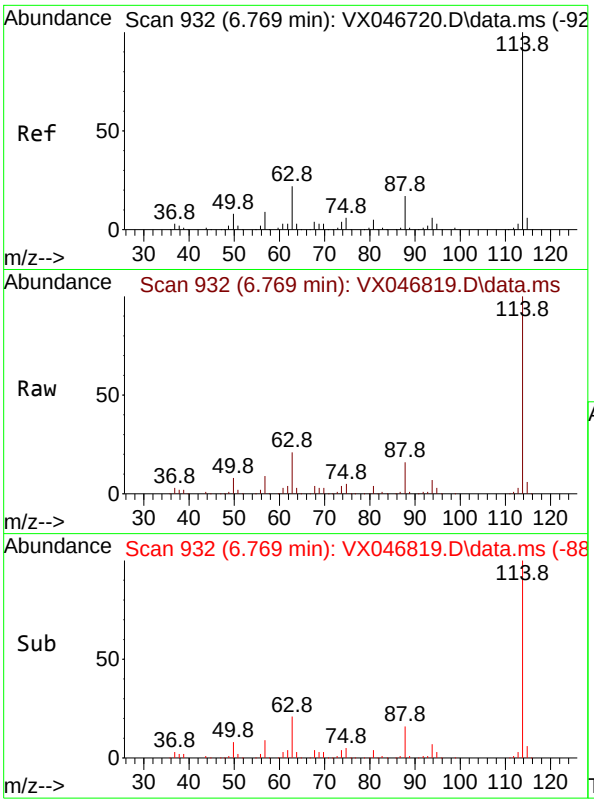


#33
1,2-Dichloroethane-d4
Concen: 48.074 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX046819.D
Acq: 23 Jun 2025 14:50

Tgt Ion: 65 Resp: 111095

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	105.4



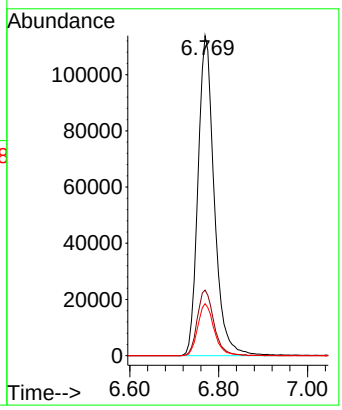


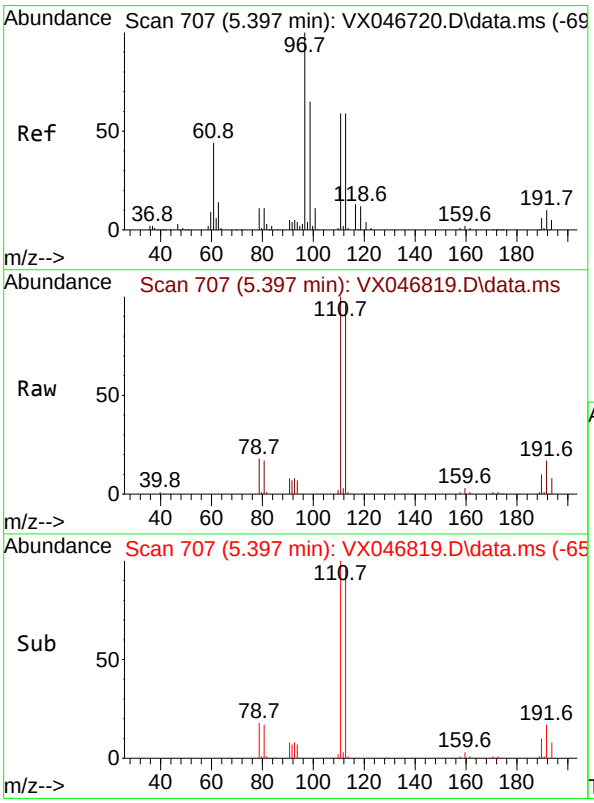
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX046819.D
Acq: 23 Jun 2025 14:50

Instrument :
MSVOA_X
ClientSampleId :
RPXY42025

Tgt Ion:114 Resp: 289861

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	44.2
88	16.3	0.0	33.2

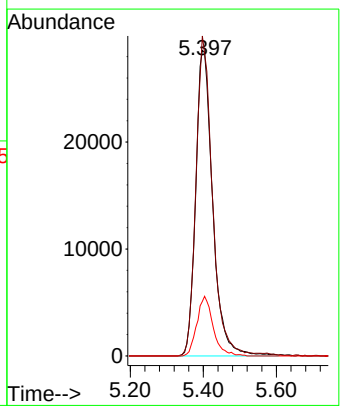


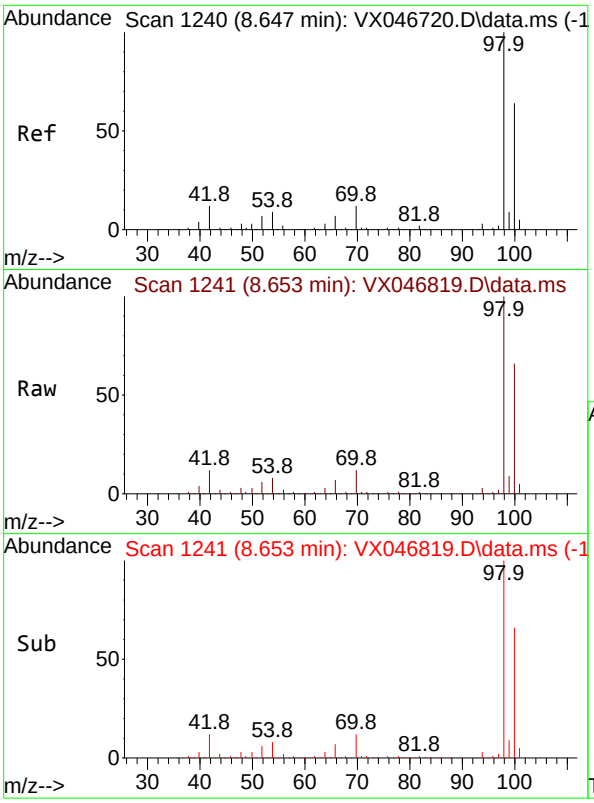


#35
Dibromofluoromethane
Concen: 48.327 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046819.D
Acq: 23 Jun 2025 14:50

Tgt Ion:113 Resp: 92683

Ion	Ratio	Lower	Upper
113	100		
111	100.8	82.0	123.0
192	18.6	15.3	22.9



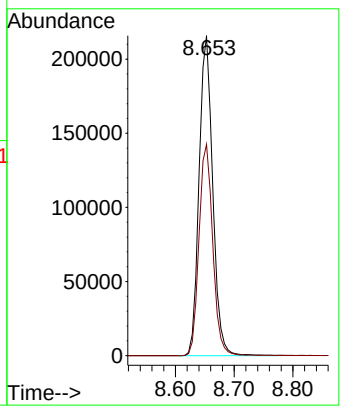


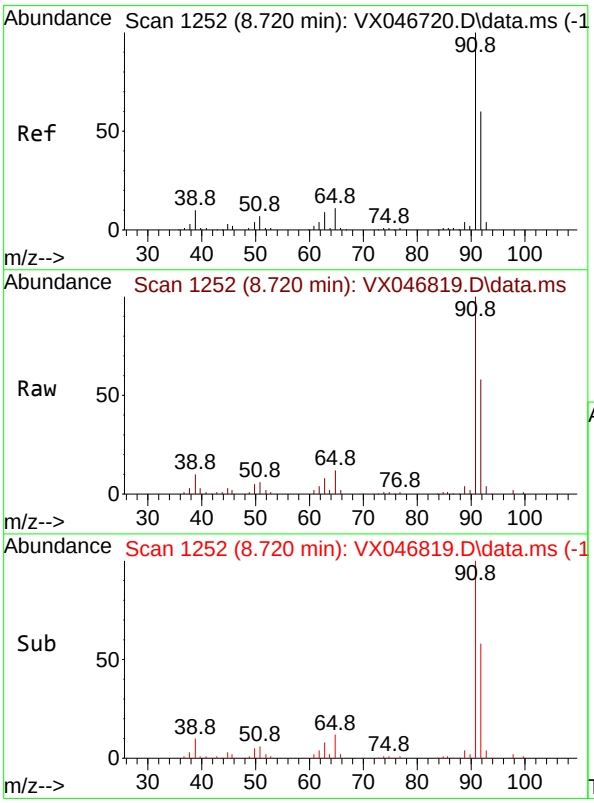
#50
Toluene-d8
Concen: 50.395 ug/l
RT: 8.653 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046819.D
Acq: 23 Jun 2025 14:50

Instrument :
MSVOA_X
ClientSampleId :
RPXY42025

Tgt Ion: 98 Resp: 347237

Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.0	79.4

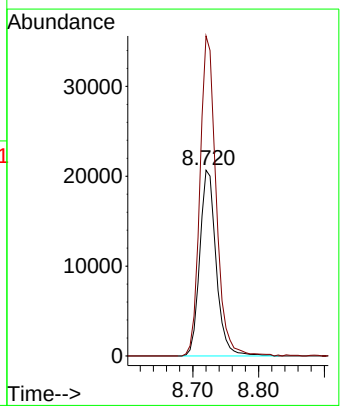


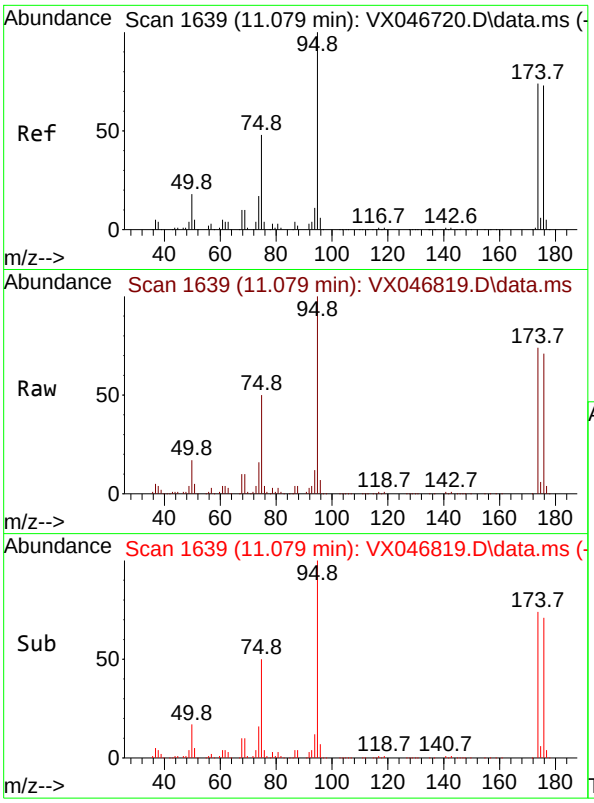


#52
Toluene
Concen: 7.052 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX046819.D
Acq: 23 Jun 2025 14:50

Tgt Ion: 92 Resp: 35818

Ion	Ratio	Lower	Upper
92	100		
91	170.5	134.8	202.2



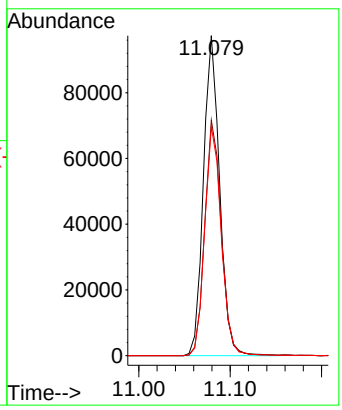


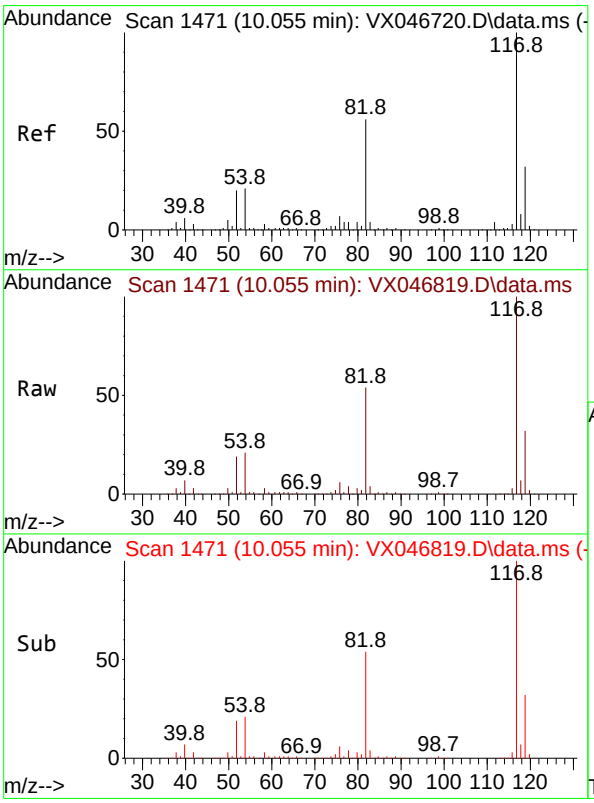
#62
4-Bromofluorobenzene
Concen: 46.557 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046819.D
Acq: 23 Jun 2025 14:50

Instrument :
MSVOA_X
ClientSampleId :
RPXY42025

Tgt Ion: 95 Resp: 119578

Ion	Ratio	Lower	Upper
95	100		
174	75.3	0.0	150.4
176	73.2	0.0	145.0

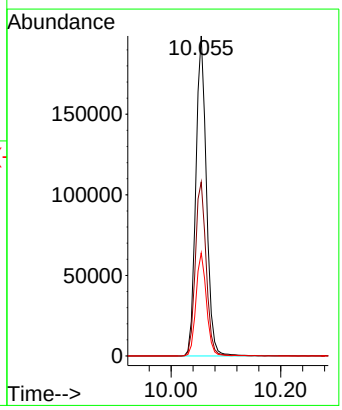


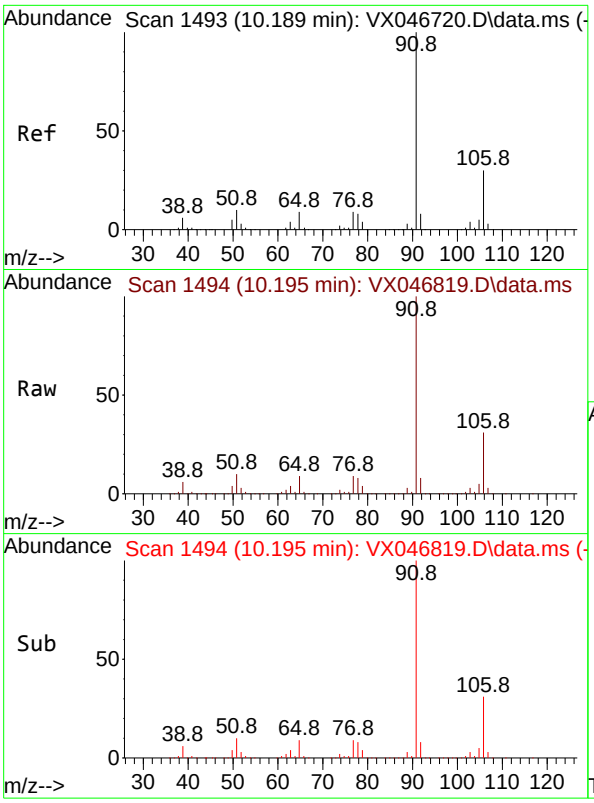


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046819.D
Acq: 23 Jun 2025 14:50

Tgt Ion:117 Resp: 268205

Ion	Ratio	Lower	Upper
117	100		
82	54.3	44.6	66.8
119	32.2	25.8	38.8



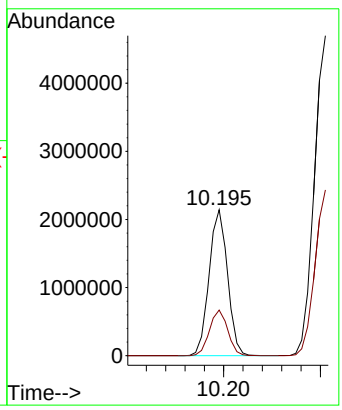


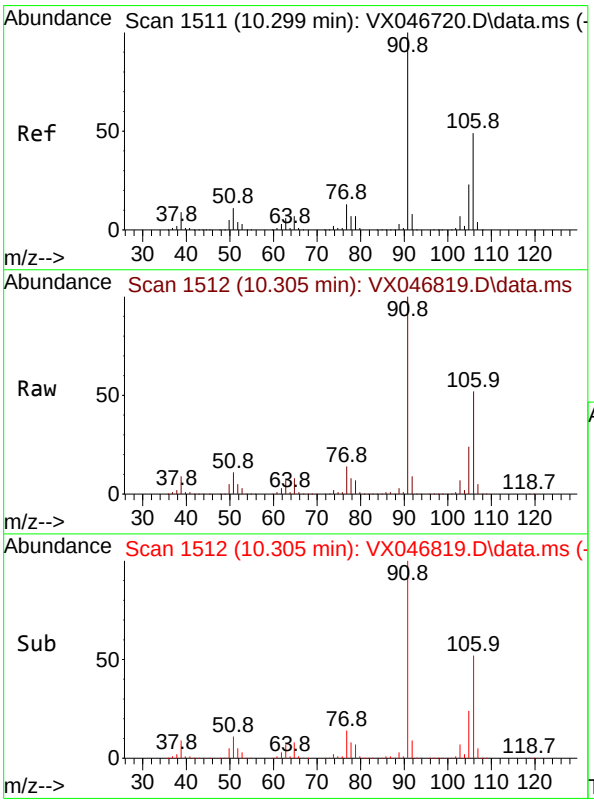
#67
Ethyl Benzene
Concen: 274.306 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX046819.D
Acq: 23 Jun 2025 14:50

Instrument :
MSVOA_X
ClientSampleId :
RPXY42025

Tgt Ion: 91 Resp: 2837603

Ion	Ratio	Lower	Upper
91	100		
106	31.3	24.2	36.2

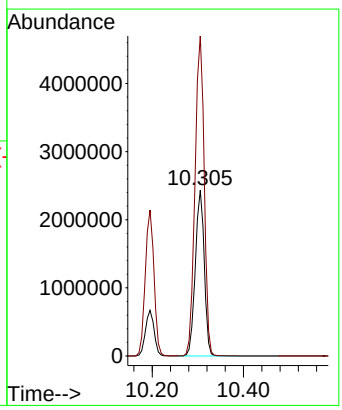


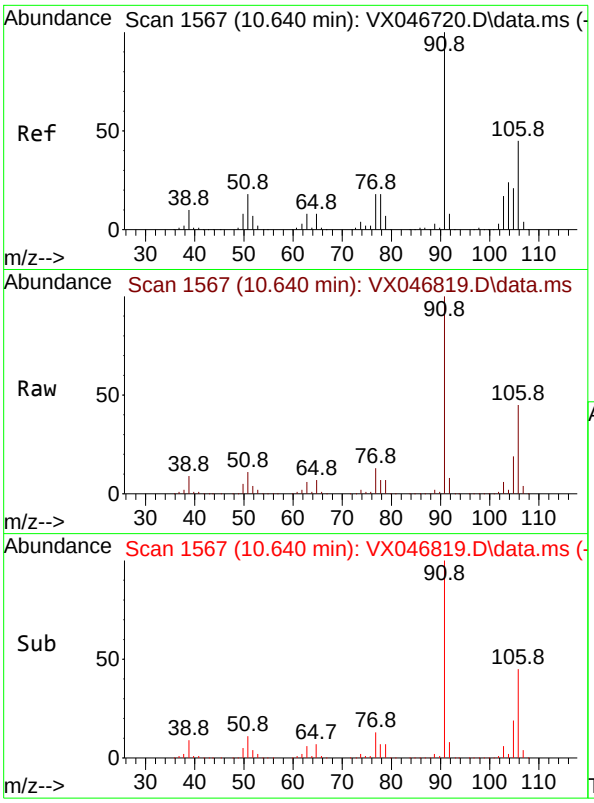


#68
m/p-Xylenes
Concen: 859.479 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX046819.D
Acq: 23 Jun 2025 14:50

Tgt Ion:106 Resp: 3312872

Ion	Ratio	Lower	Upper
106	100		
91	198.5	164.8	247.2



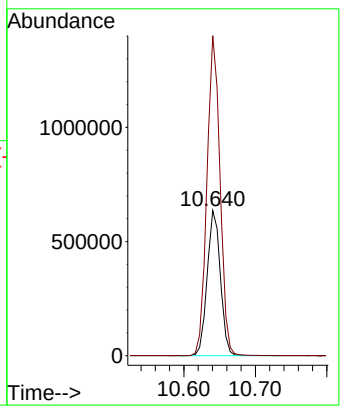


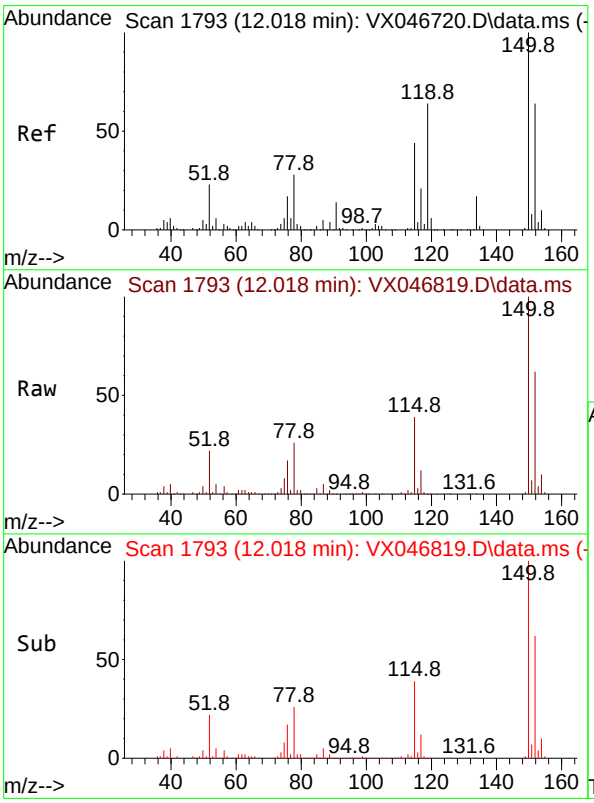
#69
o-Xylene
Concen: 225.698 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046819.D
Acq: 23 Jun 2025 14:50

Instrument :
MSVOA_X
ClientSampleId :
RPXY42025

Tgt Ion:106 Resp: 815299

Ion	Ratio	Lower	Upper
106	100		
91	218.6	111.3	333.9

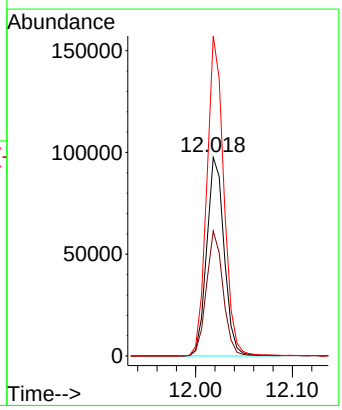


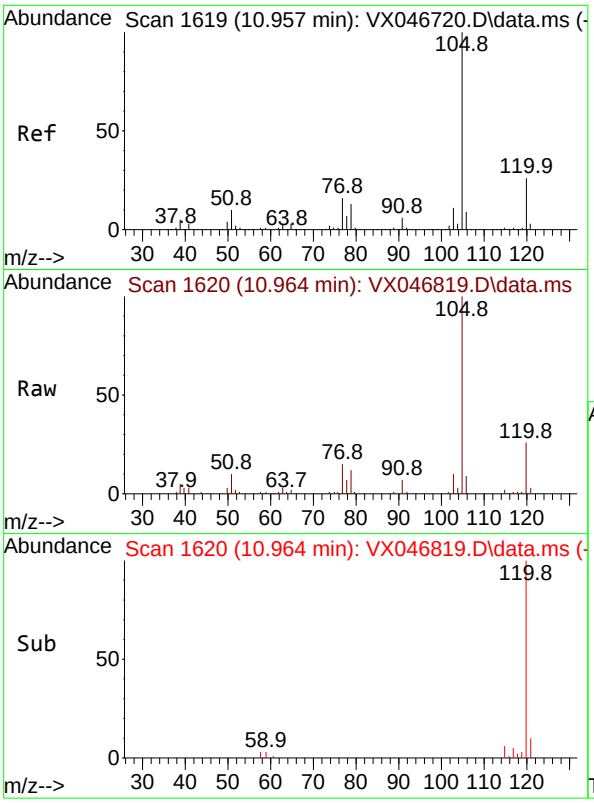


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046819.D
Acq: 23 Jun 2025 14:50

Tgt Ion:152 Resp: 122450

Ion	Ratio	Lower	Upper
152	100		
115	60.8	43.2	129.6
150	157.4	0.0	346.8





#73
Isopropylbenzene
Concen: 2.718 ug/l
RT: 10.964 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046819.D
Acq: 23 Jun 2025 14:50

Instrument :
MSVOA_X
ClientSampleId :
RPXY42025

Tgt Ion:105 Resp: 24508

Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.0	39.0