Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070125\
Data File : VX046855.D
Acq On : 01 Jul 2025 13:18
Operator : JC/MD
Sample : Q2455-03 500X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW10

Quant Time: Jul 02 01:40:51 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	138241	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	237394	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	214322	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	110902	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	93788	49.049	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 98.100%			
35) Dibromofluoromethane	5.403	113	77282	49.203	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.400%			
50) Toluene-d8	8.653	98	276965	49.081	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.160%			
62) 4-Bromofluorobenzene	11.079	95	107020	50.876	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.760%			
Target Compounds						Qvalue
73) Isopropylbenzene	10.969	105	1780	0.218	ug/l	98
78) n-propylbenzene	11.311	91	2341	0.241	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	5624	0.838	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	13299	1.972	ug/l	100

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

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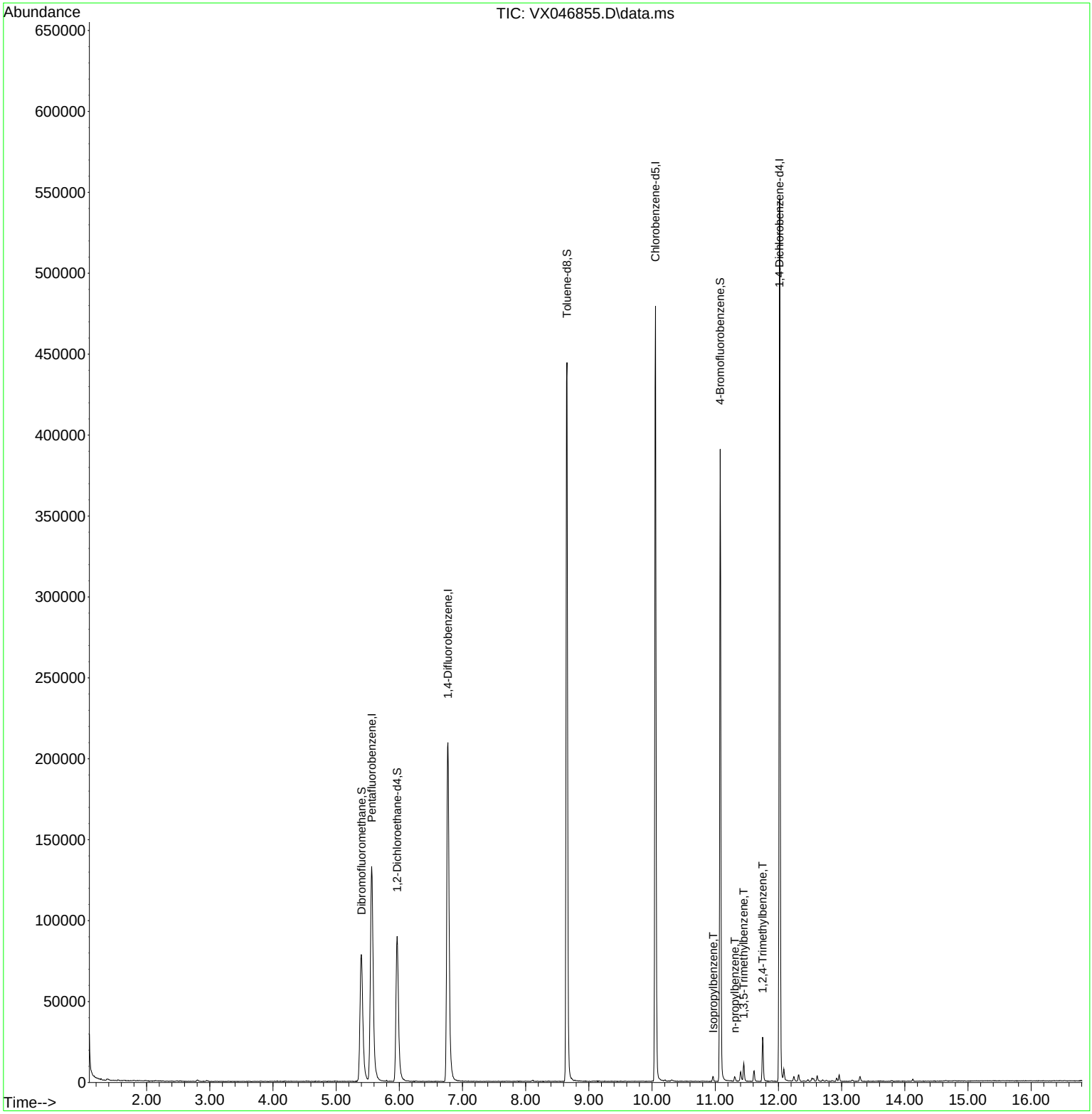
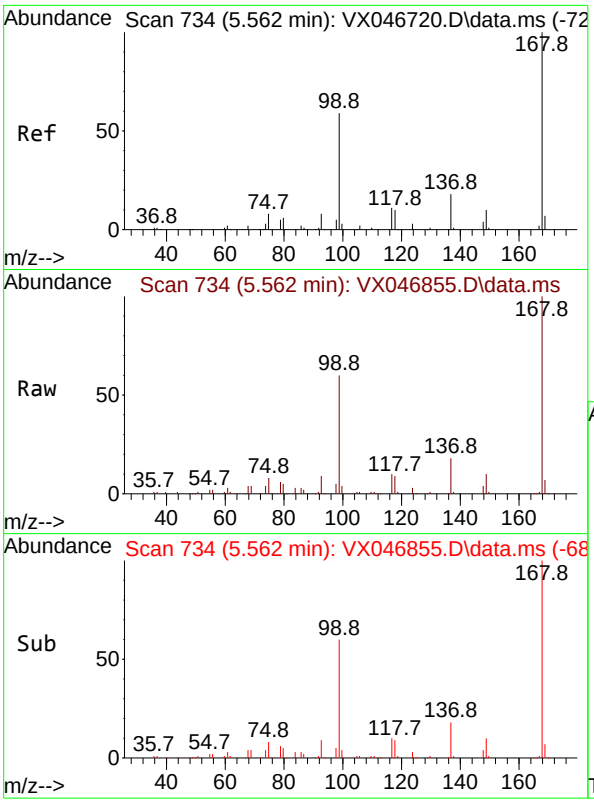


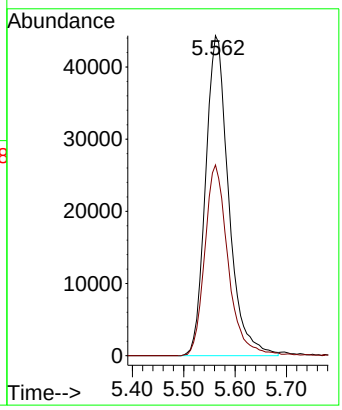


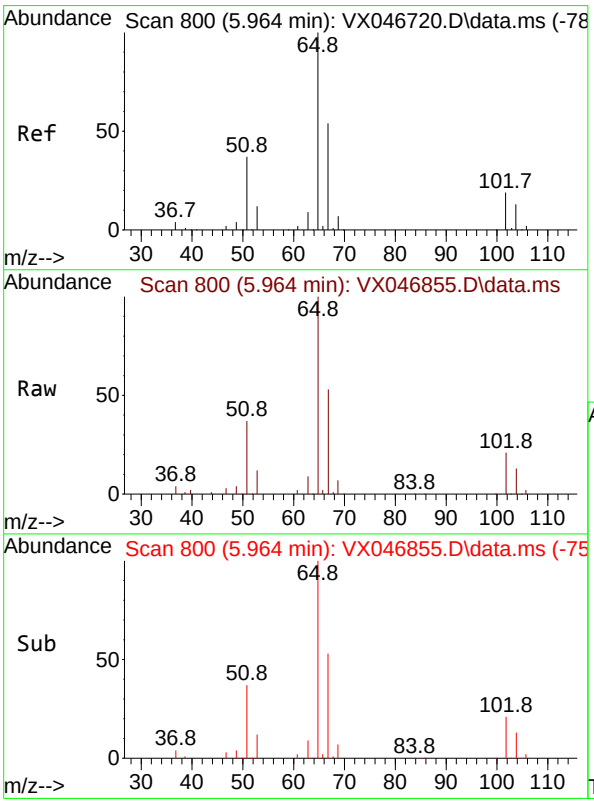
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046855.D
Acq: 01 Jul 2025 13:18

Instrument :
MSVOA_X
ClientSampleId :
MW10

Tgt Ion:168 Resp: 138241

Ion	Ratio	Lower	Upper
168	100		
99	59.6	48.5	72.7

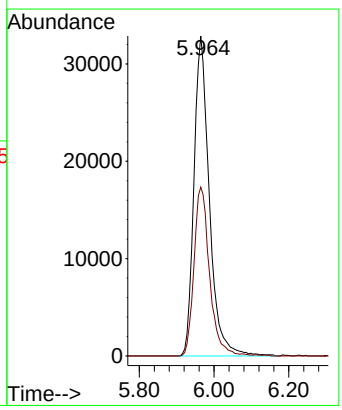


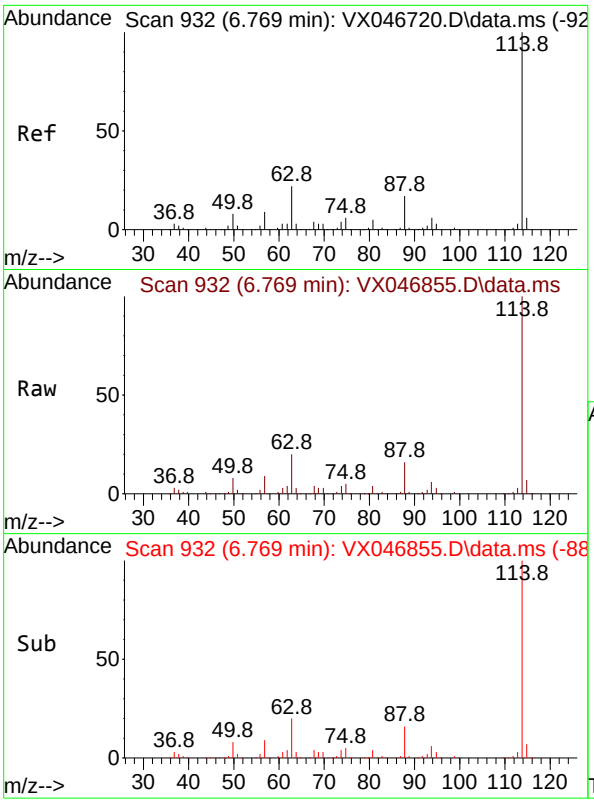


#33
1,2-Dichloroethane-d4
Concen: 49.049 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX046855.D
Acq: 01 Jul 2025 13:18

Tgt Ion: 65 Resp: 93788

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	105.4



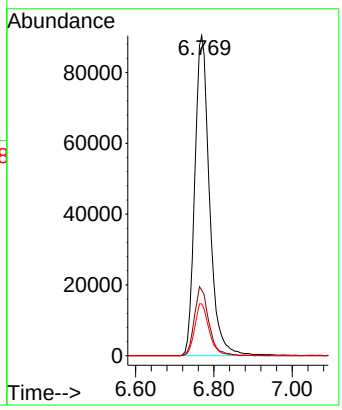


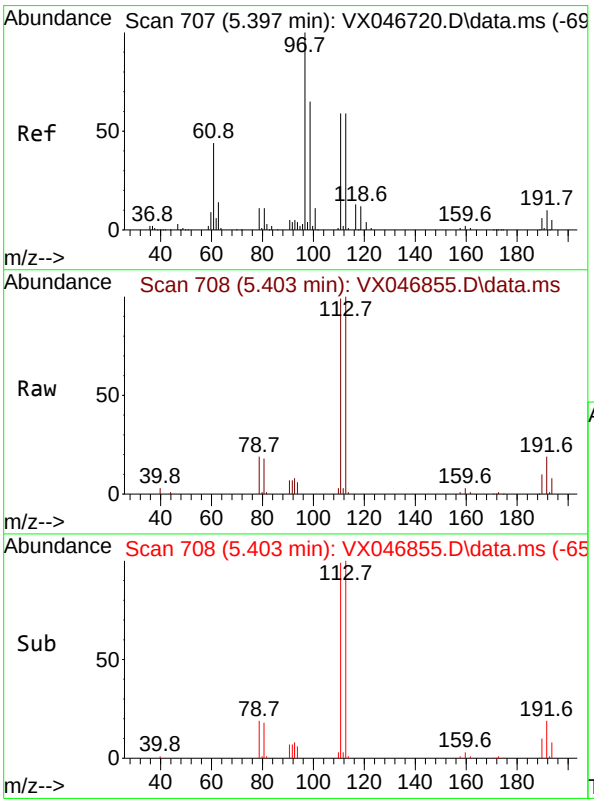
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX046855.D
Acq: 01 Jul 2025 13:18

Instrument :
MSVOA_X
ClientSampleId :
MW10

Tgt Ion:114 Resp: 237394

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	44.2
88	16.2	0.0	33.2

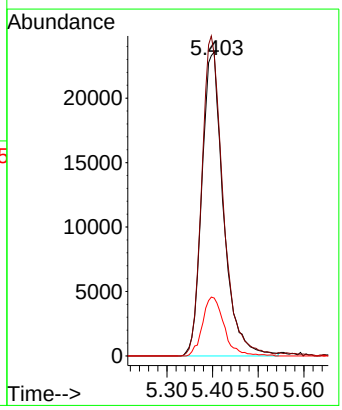


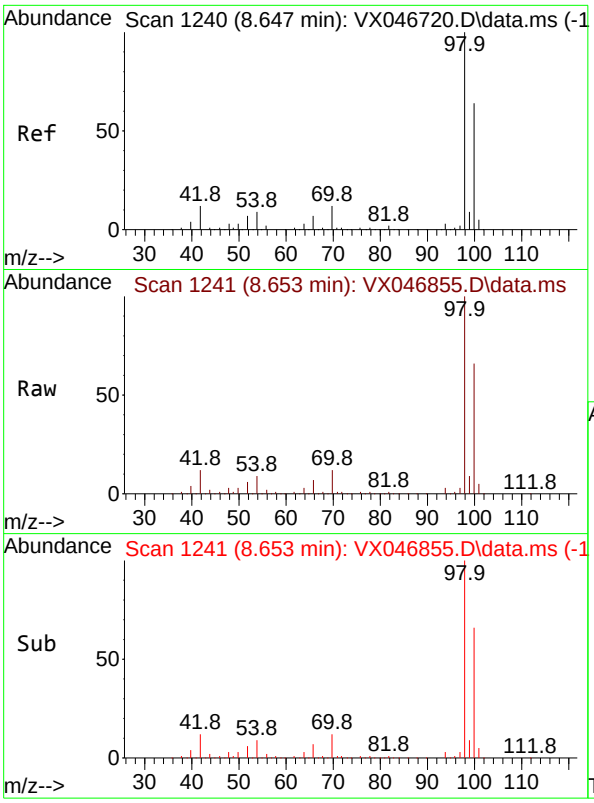


#35
Dibromofluoromethane
Concen: 49.203 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.006 min
Lab File: VX046855.D
Acq: 01 Jul 2025 13:18

Tgt Ion:113 Resp: 77282

Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.0	123.0
192	19.5	15.3	22.9



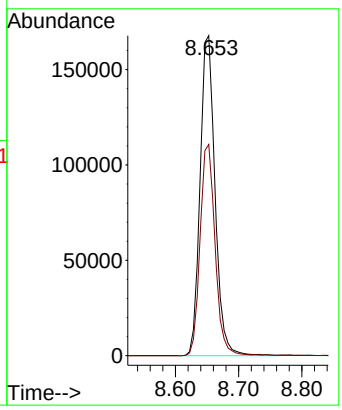


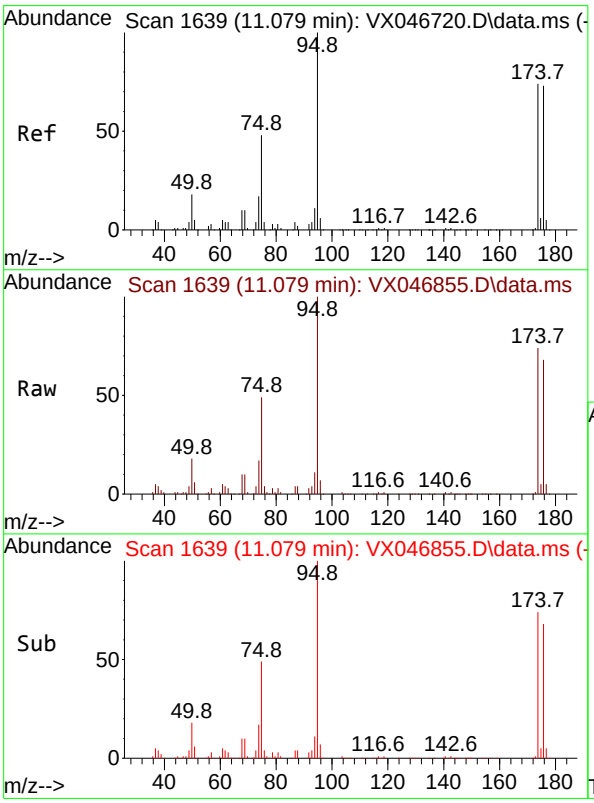
#50
Toluene-d8
Concen: 49.081 ug/l
RT: 8.653 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046855.D
Acq: 01 Jul 2025 13:18

Instrument :
MSVOA_X
ClientSampleId :
MW10

Tgt Ion: 98 Resp: 276965

Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.0	79.4

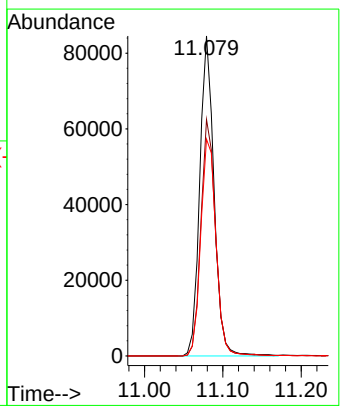


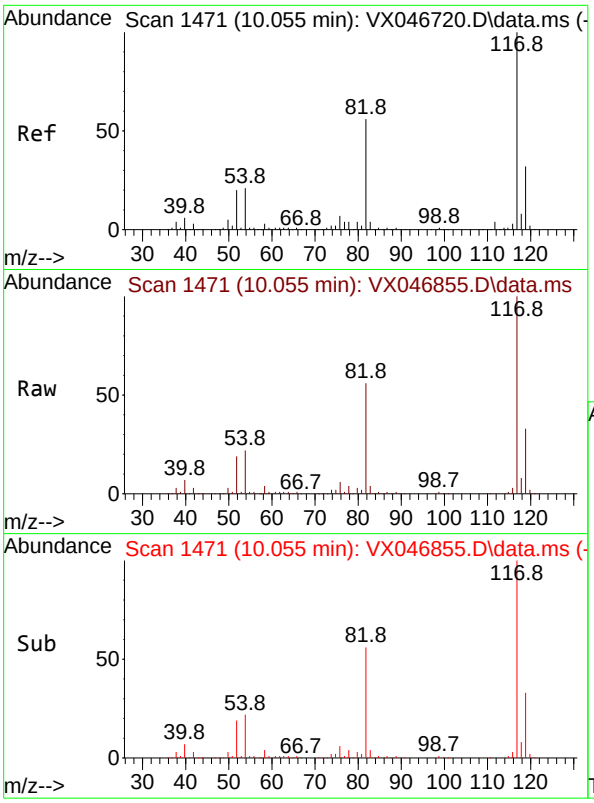


#62
4-Bromofluorobenzene
Concen: 50.876 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046855.D
Acq: 01 Jul 2025 13:18

Tgt Ion: 95 Resp: 107020

Ion	Ratio	Lower	Upper
95	100		
174	75.7	0.0	150.4
176	72.9	0.0	145.0



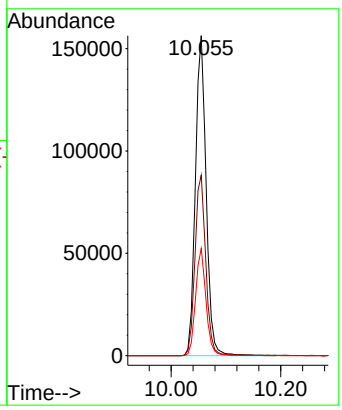


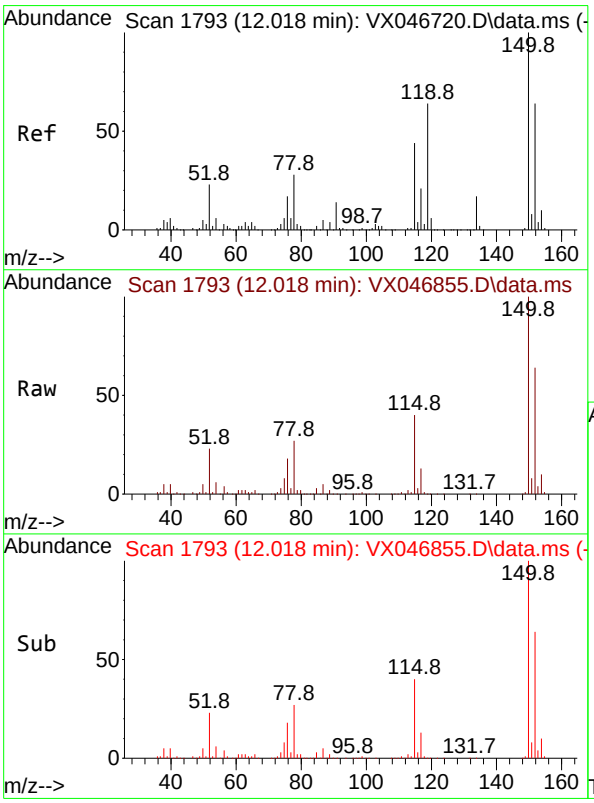
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046855.D
Acq: 01 Jul 2025 13:18

Instrument :
MSVOA_X
ClientSampleId :
MW10

Tgt Ion:117 Resp: 214322

Ion	Ratio	Lower	Upper
117	100		
82	56.4	44.6	66.8
119	33.5	25.8	38.8

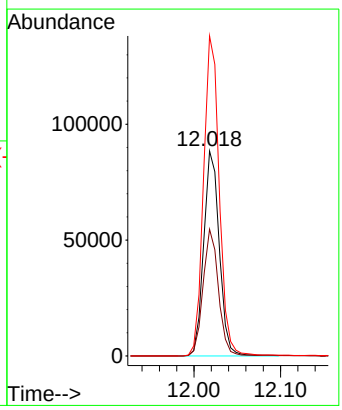


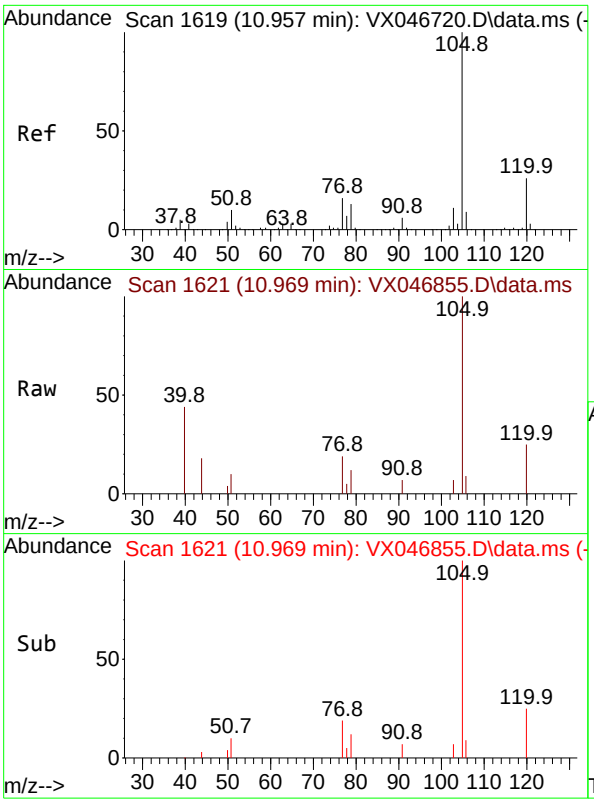


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046855.D
Acq: 01 Jul 2025 13:18

Tgt Ion:152 Resp: 110902

Ion	Ratio	Lower	Upper
152	100		
115	60.8	43.2	129.6
150	157.6	0.0	346.8



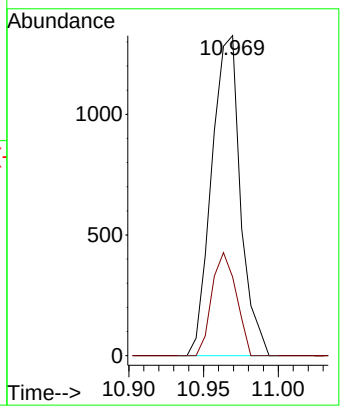


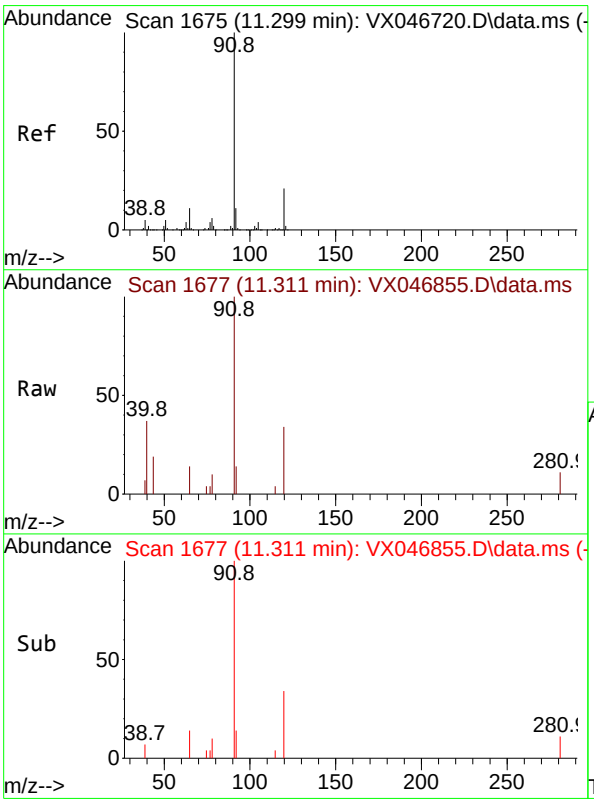
#73
Isopropylbenzene
Concen: 0.218 ug/l
RT: 10.969 min Scan# 1
Delta R.T. 0.012 min
Lab File: VX046855.D
Acq: 01 Jul 2025 13:18

Instrument :
MSVOA_X
ClientSampleId :
MW10

Tgt Ion:105 Resp: 1780

Ion	Ratio	Lower	Upper
105	100		
120	27.1	13.0	39.0

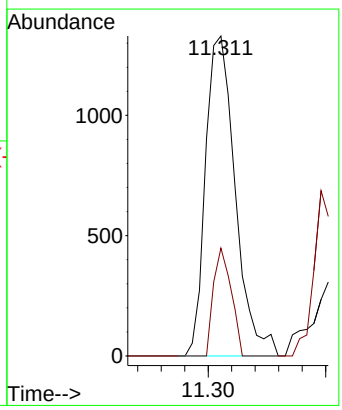


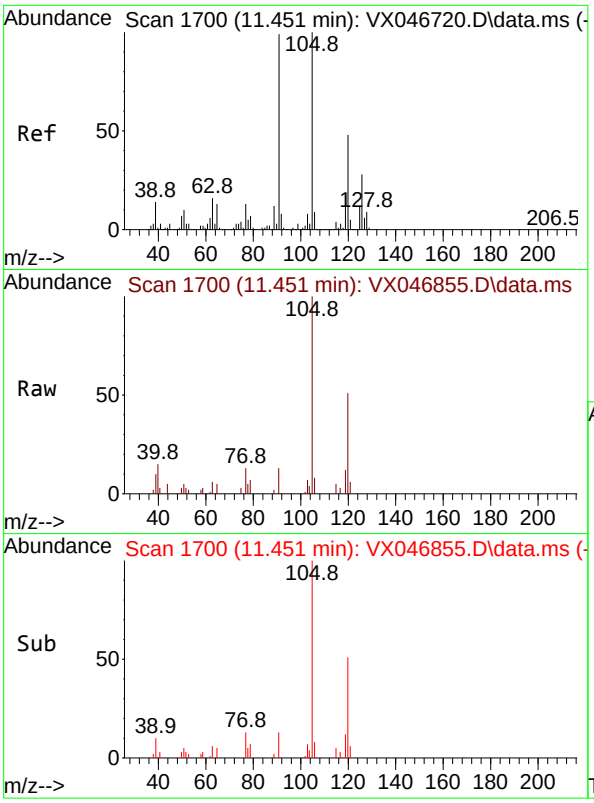


#78
n-propylbenzene
Concen: 0.241 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. 0.012 min
Lab File: VX046855.D
Acq: 01 Jul 2025 13:18

Tgt Ion: 91 Resp: 2341

Ion	Ratio	Lower	Upper
91	100		
120	20.0	11.4	34.1



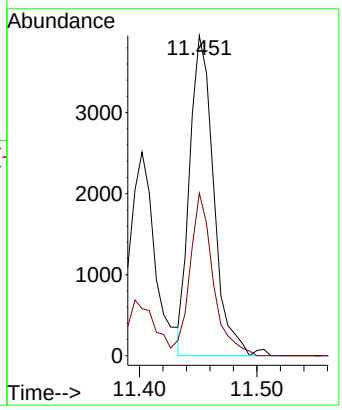


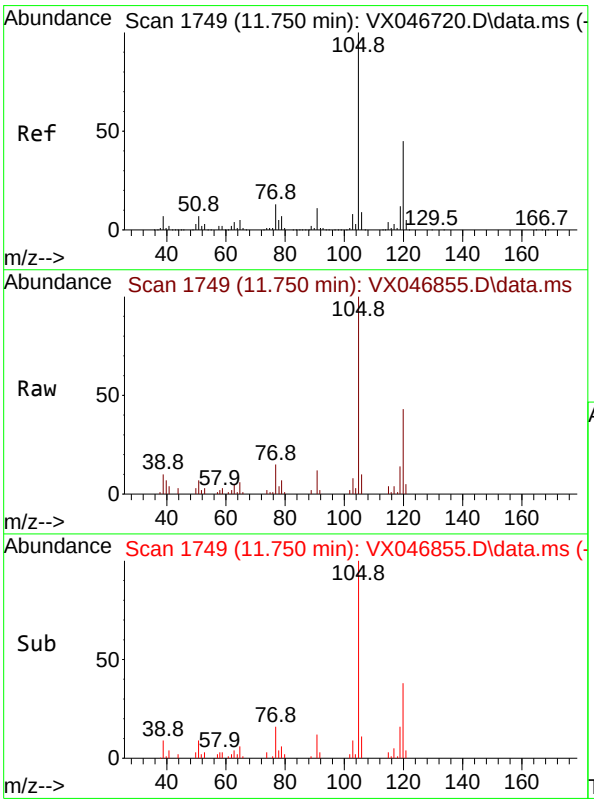
#80
1,3,5-Trimethylbenzene
Concen: 0.838 ug/l
RT: 11.451 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046855.D
Acq: 01 Jul 2025 13:18

Instrument :
MSVOA_X
ClientSampleId :
MW10

Tgt Ion:105 Resp: 5624

Ion	Ratio	Lower	Upper
105	100		
120	48.8	24.1	72.2





#84
1,2,4-Trimethylbenzene
Concen: 1.972 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046855.D
Acq: 01 Jul 2025 13:18

Tgt Ion:105 Resp: 13299

Ion	Ratio	Lower	Upper
105	100		
120	43.9	22.1	66.3