Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102325\
Data File : VX048332.D
Acq On : 23 Oct 2025 17:30
Operator : JC/MD
Sample : Q3414-05 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SB-5

Quant Time: Oct 24 05:50:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	128957	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	258662	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	265917	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	140898	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	105272	58.223	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 116.440%			
35) Dibromofluoromethane	5.373	113	72044	40.798	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 81.600%			
50) Toluene-d8	8.635	98	292893	47.320	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 94.640%			
62) 4-Bromofluorobenzene	11.061	95	129191	54.865	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.740%			
Target Compounds						Qvalue
16) Acetone	2.380	43	3129	5.045	ug/l	92
40) Benzene	6.025	78	610027	83.714	ug/l	99
52) Toluene	8.702	92	427556	92.358	ug/l	100
67) Ethyl Benzene	10.177	91	75285	7.392	ug/l	97
68) m/p-Xylenes	10.281	106	156980	41.485	ug/l	97
69) o-Xylene	10.622	106	149568	40.941	ug/l	99
70) Styrene	10.640	104	54139	8.703	ug/l #	59
80) 1,3,5-Trimethylbenzene	11.433	105	38464	4.516	ug/l	100
84) 1,2,4-Trimethylbenzene	11.732	105	108114	12.720	ug/l	99
95) Naphthalene	13.756	128	537884	65.732	ug/l	100

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

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102325\
Data File : VX048332.D
Acq On : 23 Oct 2025 17:30
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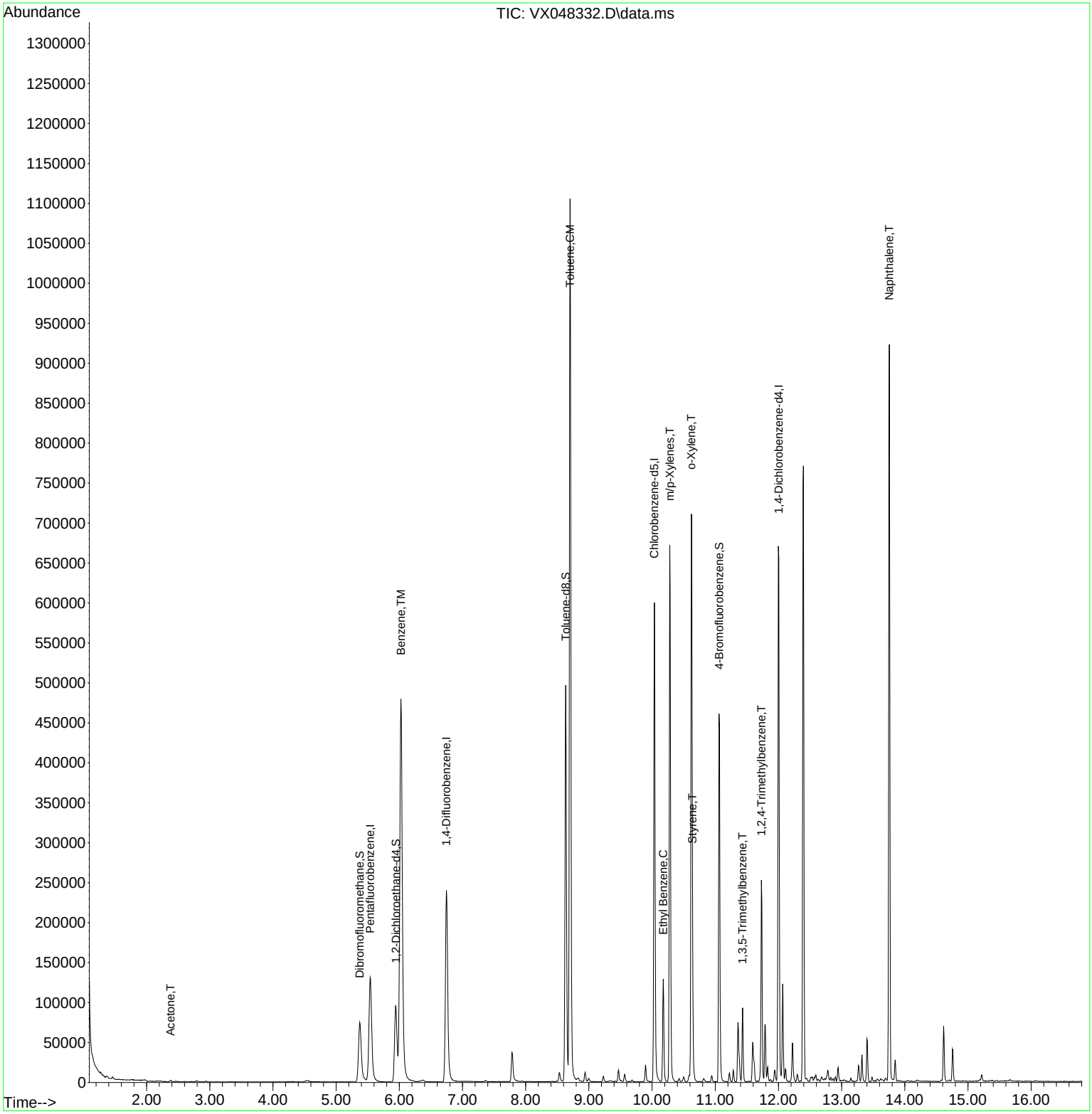
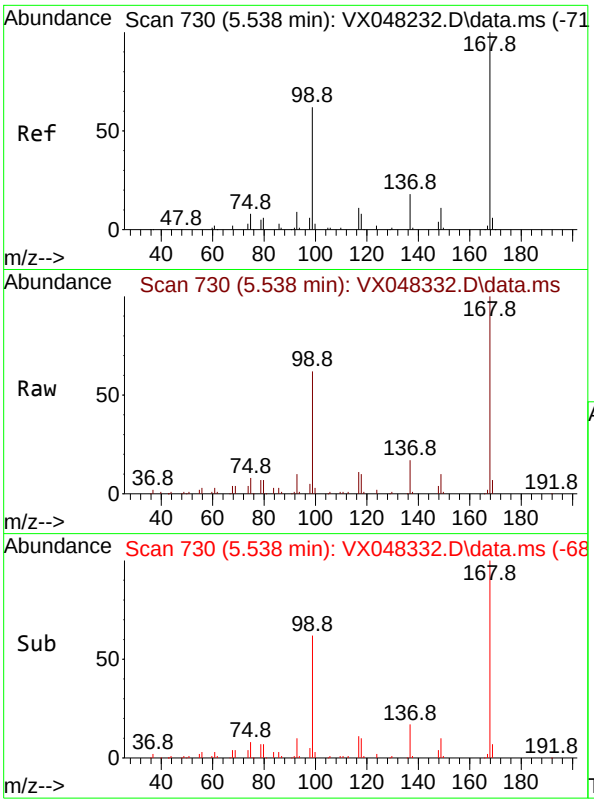
MSVOA_X
ClientSampleId :
SB-5

Quant Time: Oct 24 05:50:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration



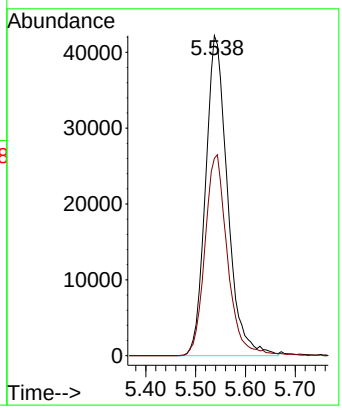


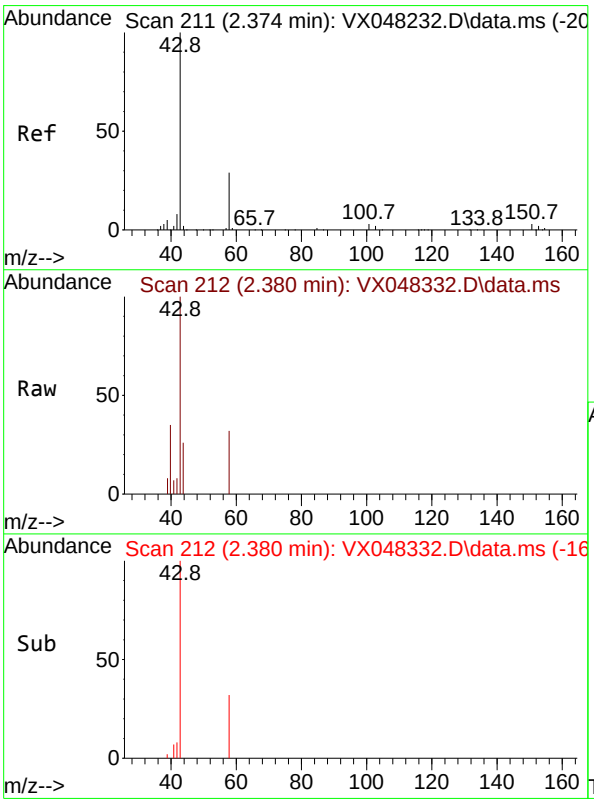
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048332.D
Acq: 23 Oct 2025 17:30

Instrument :
MSVOA_X
ClientSampleId :
SB-5

Tgt Ion:168 Resp: 128957

Ion	Ratio	Lower	Upper
168	100		
99	61.6	46.4	69.6

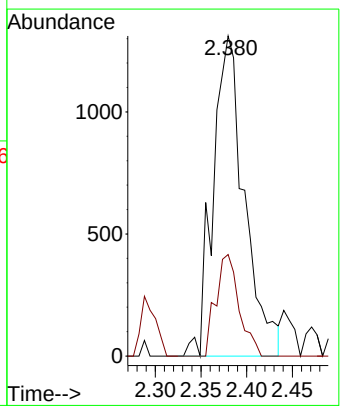


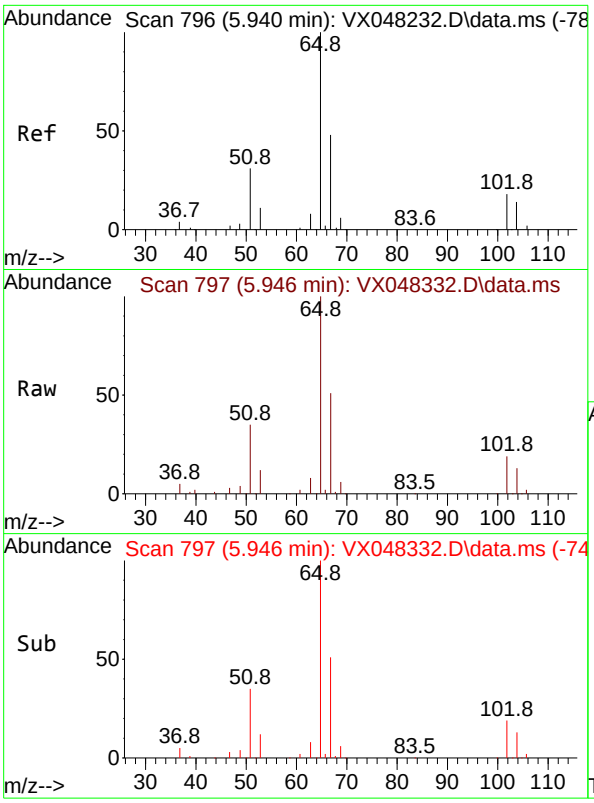


#16
Acetone
Concen: 5.045 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048332.D
Acq: 23 Oct 2025 17:30

Tgt Ion: 43 Resp: 3129

Ion	Ratio	Lower	Upper
43	100		
58	25.2	23.4	35.2



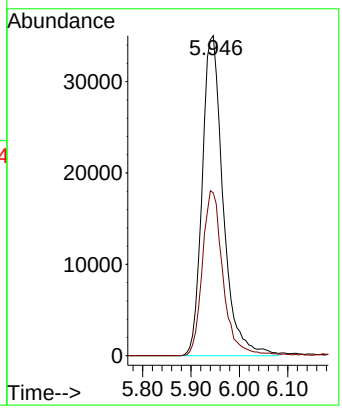


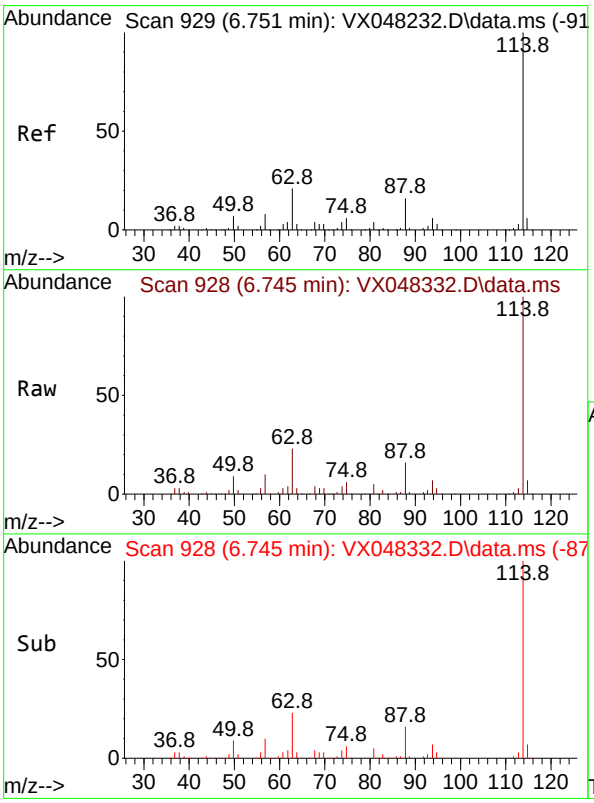
#33
1,2-Dichloroethane-d4
Concen: 58.223 ug/l
RT: 5.946 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX048332.D
Acq: 23 Oct 2025 17:30

Instrument :
MSVOA_X
ClientSampleId :
SB-5

Tgt Ion: 65 Resp: 105272

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	105.0

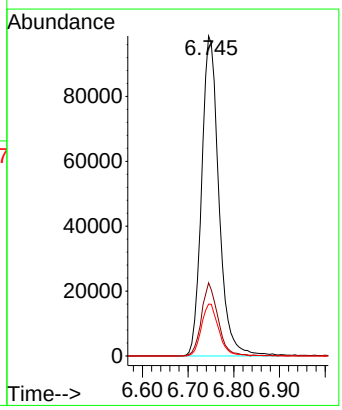


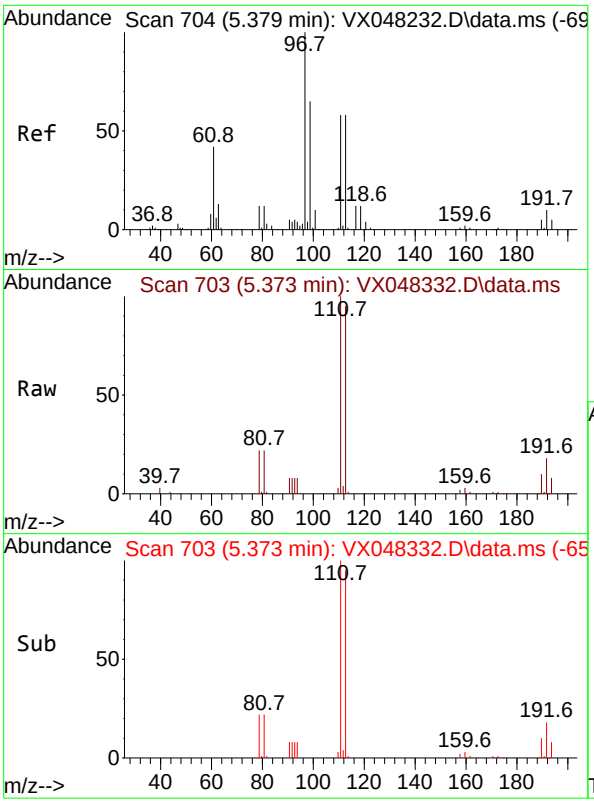


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX048332.D
Acq: 23 Oct 2025 17:30

Tgt Ion:114 Resp: 258662

Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	43.2
88	16.2	0.0	33.6



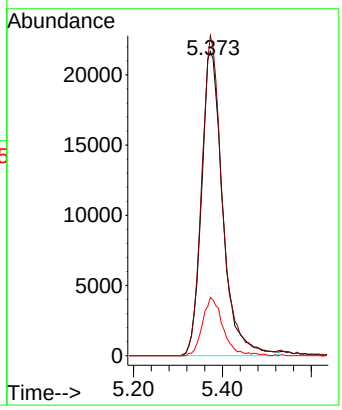


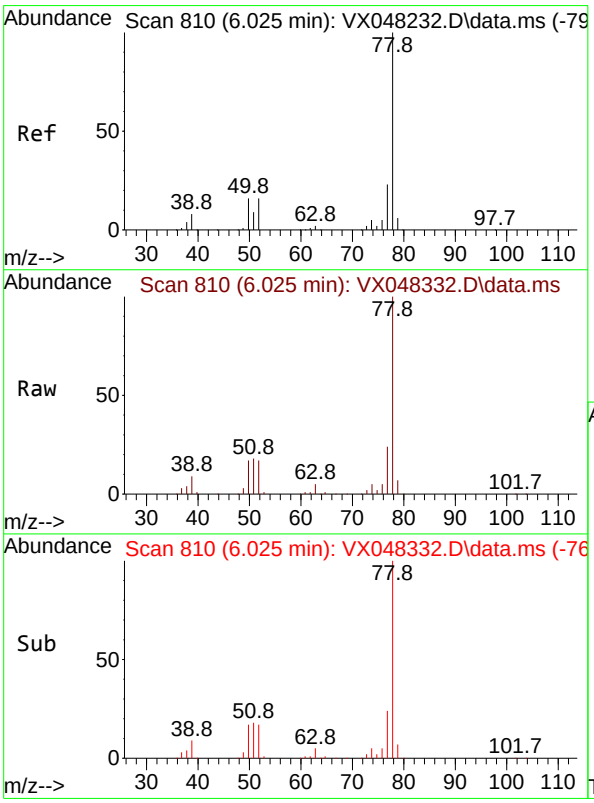
#35
Dibromofluoromethane
Concen: 40.798 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048332.D
Acq: 23 Oct 2025 17:30

Instrument :
MSVOA_X
ClientSampleId :
SB-5

Tgt Ion:113 Resp: 72044

Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.2	123.4
192	18.5	15.1	22.7

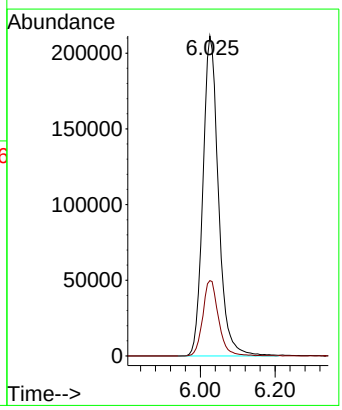


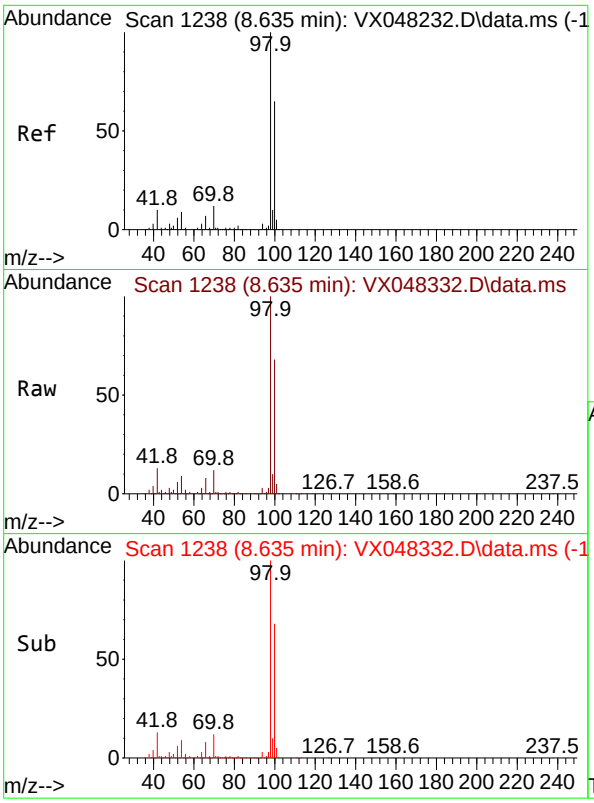


#40
Benzene
Concen: 83.714 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX048332.D
Acq: 23 Oct 2025 17:30

Tgt Ion: 78 Resp: 610027

Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.3	28.9



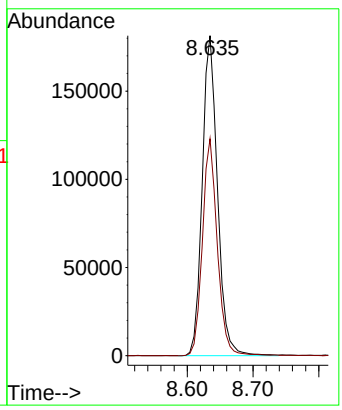


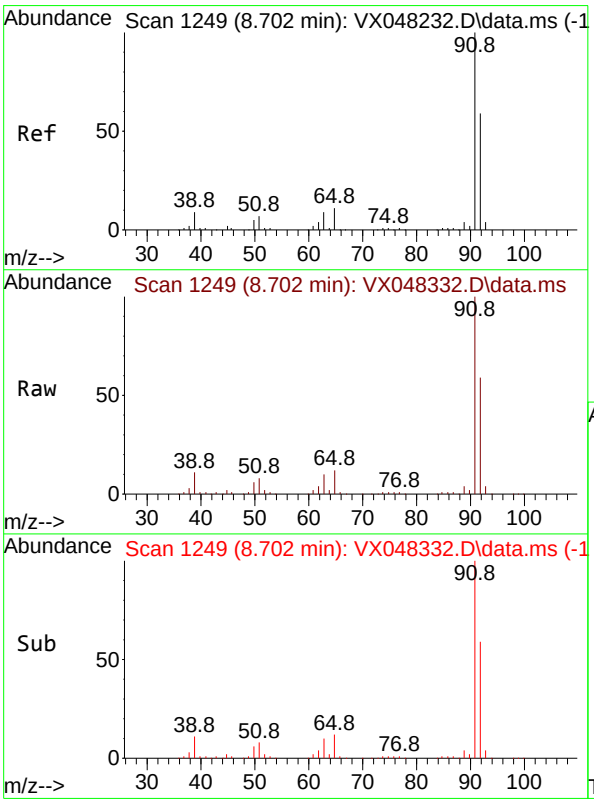
#50
Toluene-d8
Concen: 47.320 ug/l
RT: 8.635 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048332.D
Acq: 23 Oct 2025 17:30

Instrument :
MSVOA_X
ClientSampleId :
SB-5

Tgt Ion: 98 Resp: 292893

Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.0	79.4

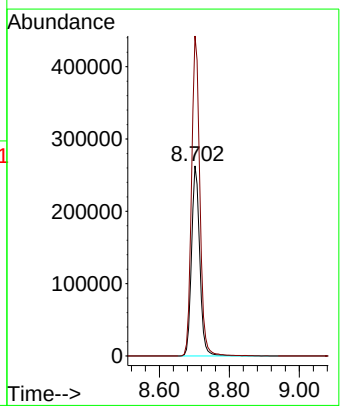


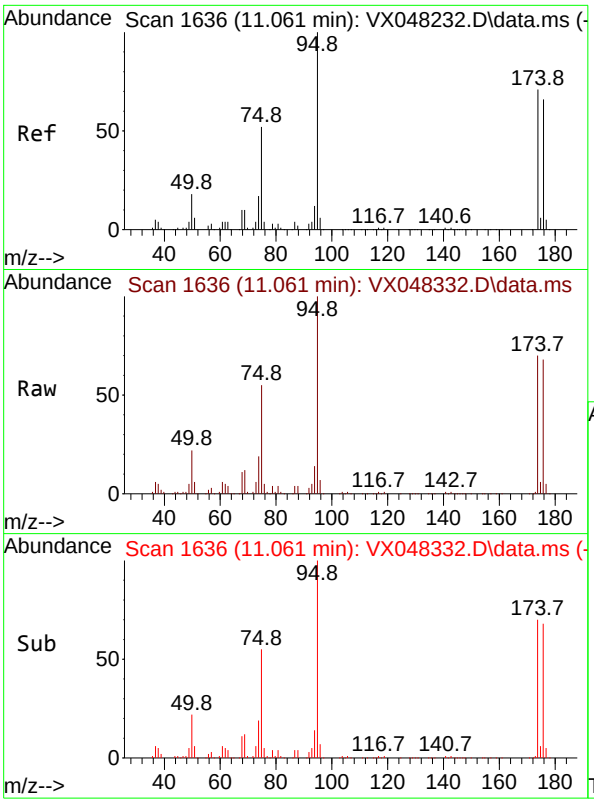


#52
Toluene
Concen: 92.358 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048332.D
Acq: 23 Oct 2025 17:30

Tgt Ion: 92 Resp: 427556

Ion	Ratio	Lower	Upper
92	100		
91	170.0	136.1	204.1



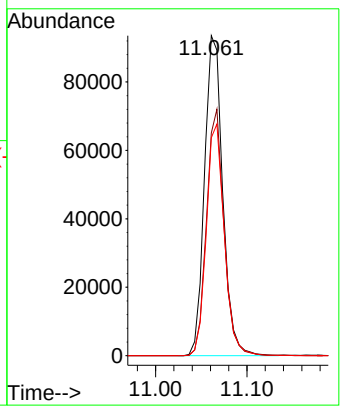


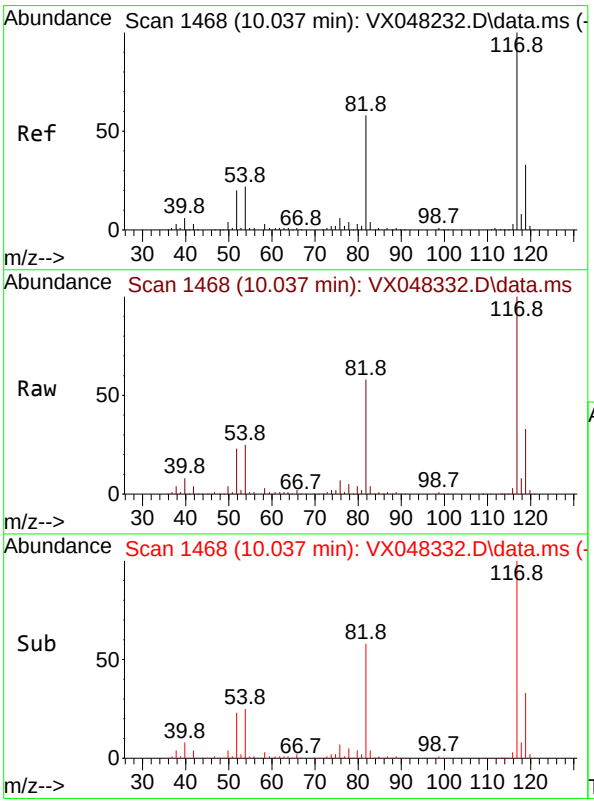
#62
4-Bromofluorobenzene
Concen: 54.865 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048332.D
Acq: 23 Oct 2025 17:30

Instrument :
MSVOA_X
ClientSampleId :
SB-5

Tgt Ion: 95 Resp: 129191

Ion	Ratio	Lower	Upper
95	100		
174	74.0	0.0	147.8
176	71.5	0.0	142.8

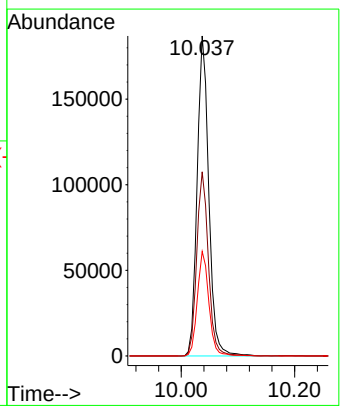


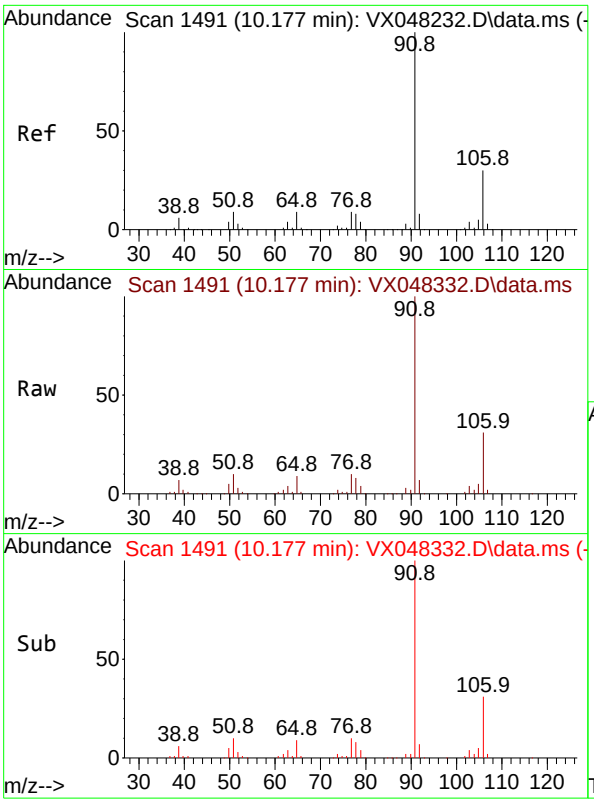


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048332.D
Acq: 23 Oct 2025 17:30

Tgt Ion:117 Resp: 265917

Ion	Ratio	Lower	Upper
117	100		
82	57.5	46.5	69.7
119	32.7	25.9	38.9



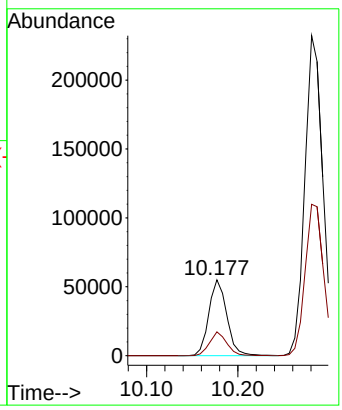


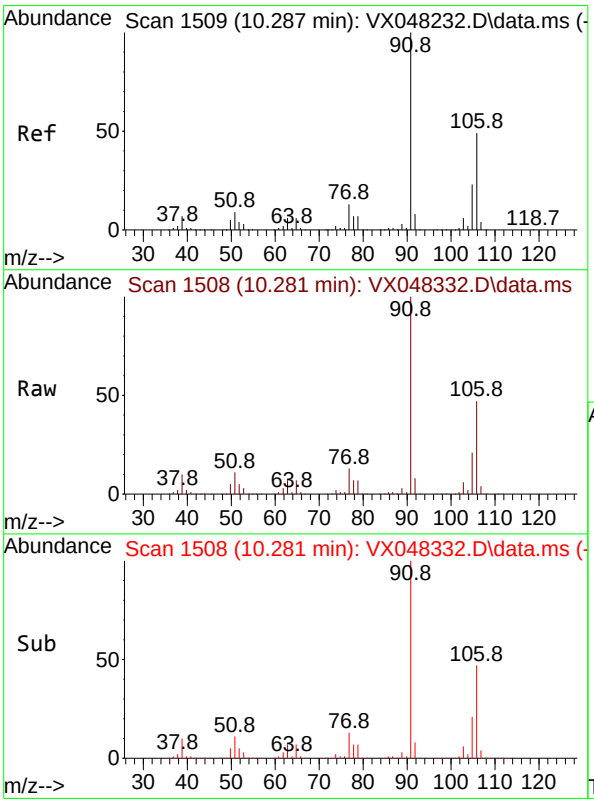
#67
Ethyl Benzene
Concen: 7.392 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048332.D
Acq: 23 Oct 2025 17:30

Instrument :
MSVOA_X
ClientSampleId :
SB-5

Tgt Ion: 91 Resp: 75285

Ion	Ratio	Lower	Upper
91	100		
106	31.5	23.8	35.6

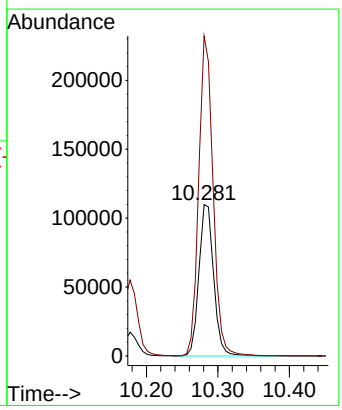


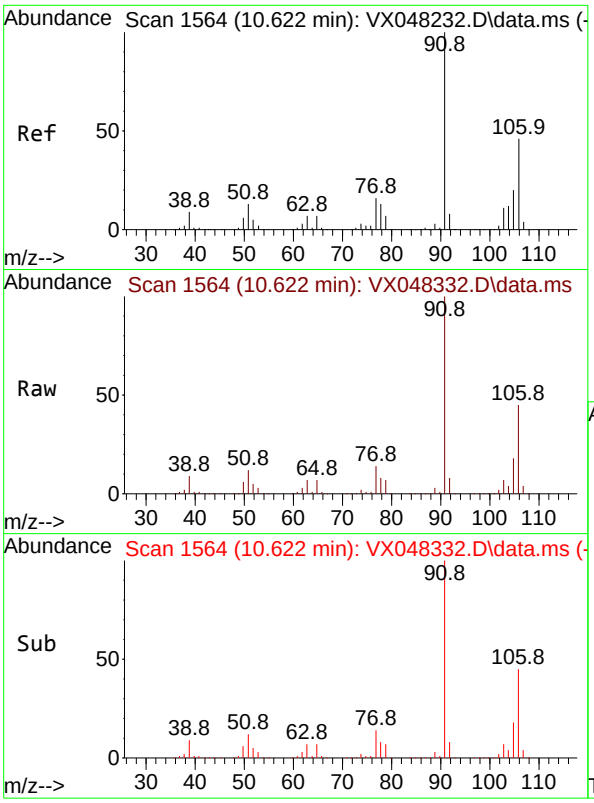


#68
m/p-Xylenes
Concen: 41.485 ug/l
RT: 10.281 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VX048332.D
Acq: 23 Oct 2025 17:30

Tgt Ion:106 Resp: 156980

Ion	Ratio	Lower	Upper
106	100		
91	205.5	167.9	251.9



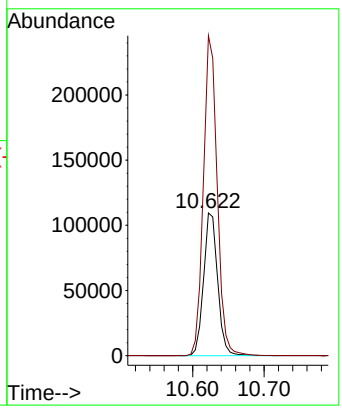


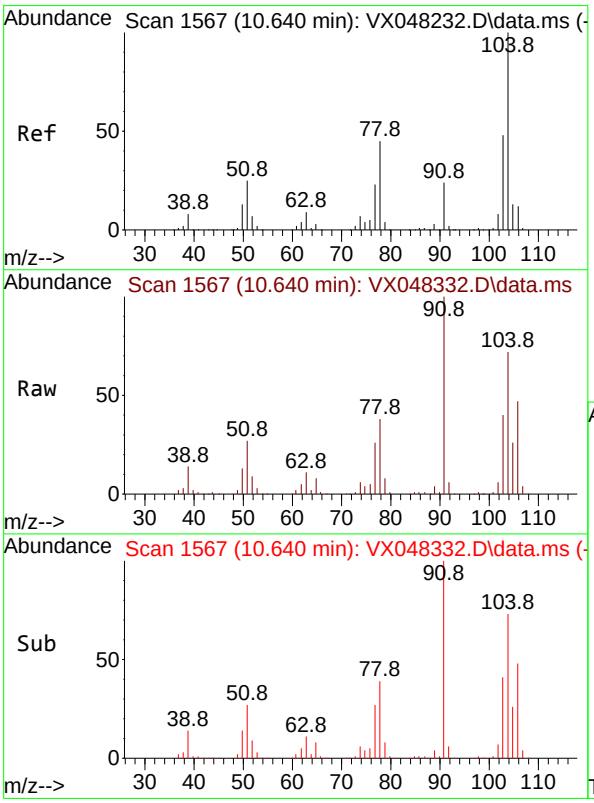
#69
o-Xylene
Concen: 40.941 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048332.D
Acq: 23 Oct 2025 17:30

Instrument :
MSVOA_X
ClientSampleId :
SB-5

Tgt Ion:106 Resp: 149568

Ion	Ratio	Lower	Upper
106	100		
91	220.7	111.3	333.9

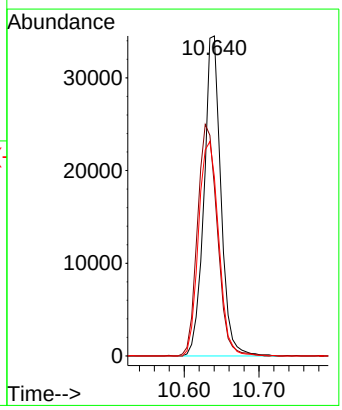


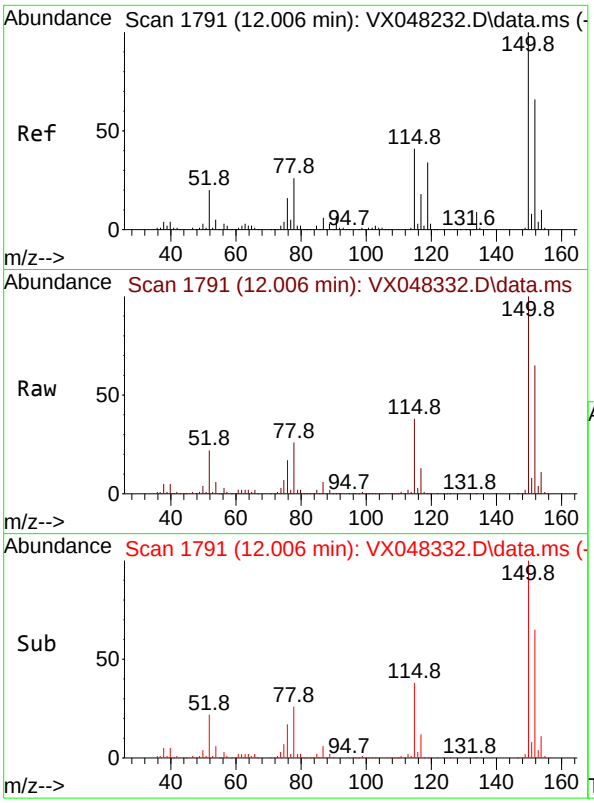


#70
Styrene
Concen: 8.703 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048332.D
Acq: 23 Oct 2025 17:30

Tgt Ion:104 Resp: 54139

Ion	Ratio	Lower	Upper
104	100		
78	84.8	42.2	63.4#
103	79.8	43.0	64.4#



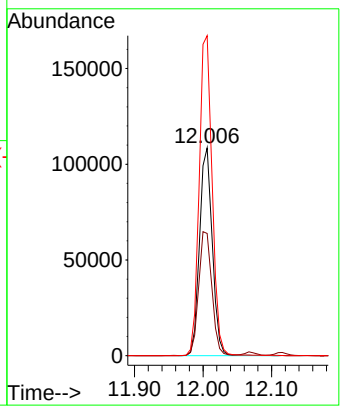


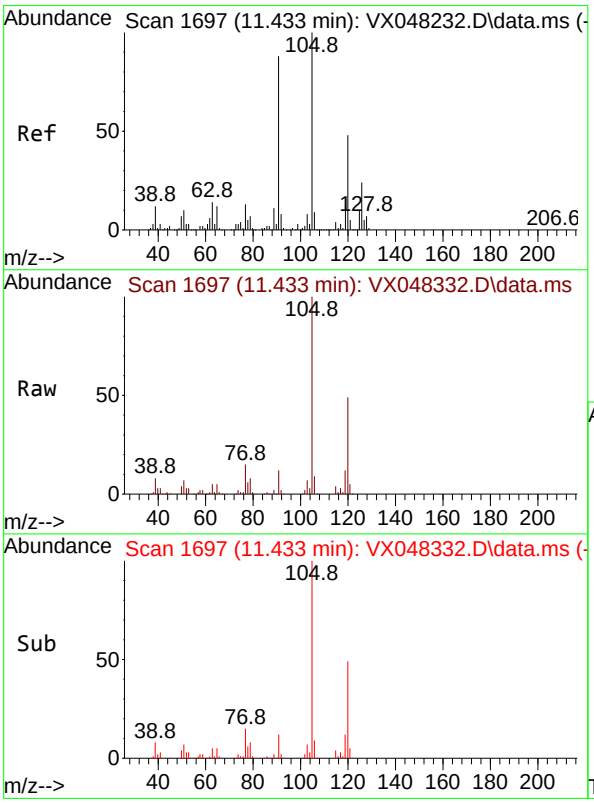
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048332.D
Acq: 23 Oct 2025 17:30

Instrument :
MSVOA_X
ClientSampleId :
SB-5

Tgt Ion:152 Resp: 140898

Ion	Ratio	Lower	Upper
152	100		
115	61.5	43.1	129.4
150	156.5	0.0	353.0

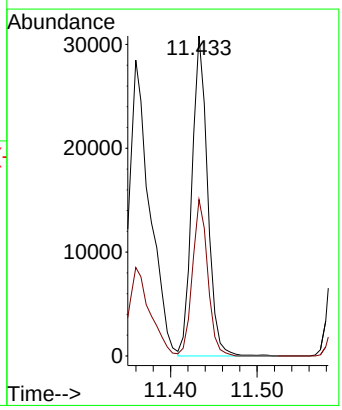


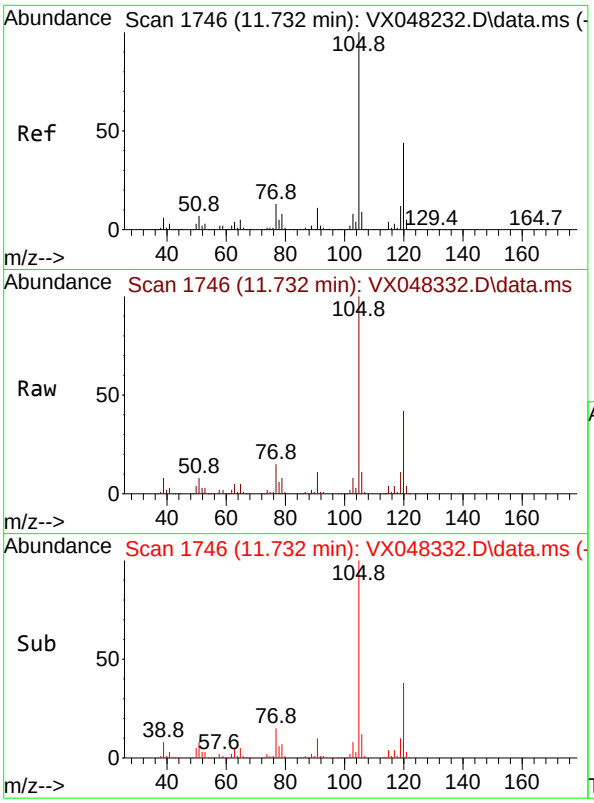


#80
1,3,5-Trimethylbenzene
Concen: 4.516 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048332.D
Acq: 23 Oct 2025 17:30

Tgt Ion:105 Resp: 38464

Ion	Ratio	Lower	Upper
105	100		
120	47.7	24.0	72.0



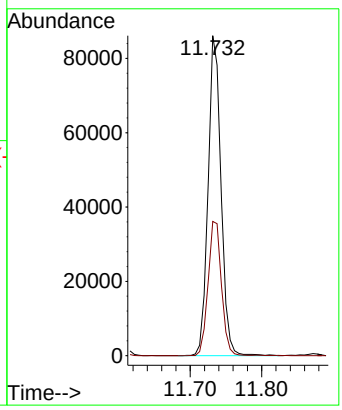


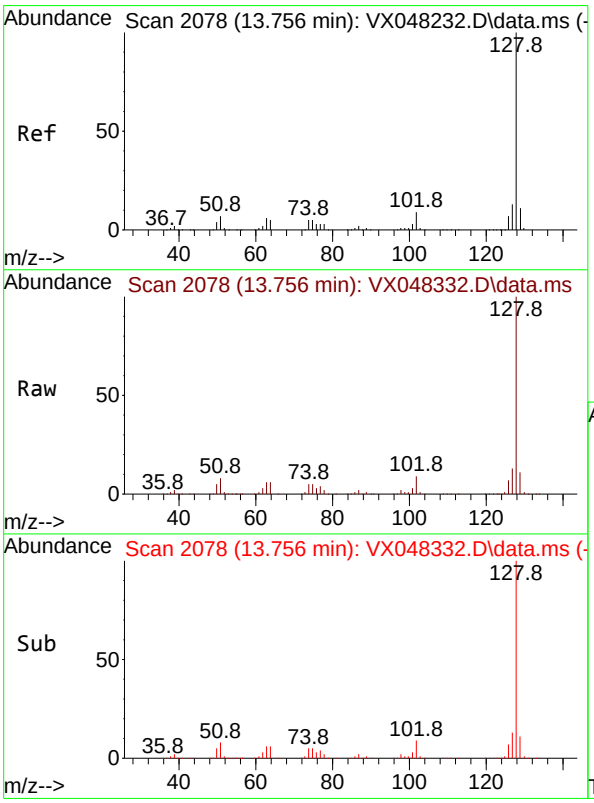
#84
1,2,4-Trimethylbenzene
Concen: 12.720 ug/l
RT: 11.732 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048332.D
Acq: 23 Oct 2025 17:30

Instrument :
MSVOA_X
ClientSampleId :
SB-5

Tgt Ion:105 Resp: 108114

Ion	Ratio	Lower	Upper
105	100		
120	43.6	22.1	66.5





#95
Naphthalene
Concen: 65.732 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048332.D
Acq: 23 Oct 2025 17:30

Tgt Ion:128 Resp: 537884

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	10.9	8.6	12.8