Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102325\
Data File : VX048330.D
Acq On : 23 Oct 2025 16:49
Operator : JC/MD
Sample : Q3414-13 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SB-13

Quant Time: Oct 24 05:49:04 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	5.544	168	130437	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	255833	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	267200	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	140349	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	103647	56.674	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 113.340%			
35) Dibromofluoromethane	5.373	113	71187	40.758	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 81.520%			
50) Toluene-d8	8.635	98	288751	47.167	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 94.340%			
62) 4-Bromofluorobenzene	11.061	95	129981	55.811	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.620%			
Target Compounds						Qvalue
16) Acetone	2.374	43	8181	13.040	ug/l	92
40) Benzene	6.025	78	1448939	201.038	ug/l	99
52) Toluene	8.702	92	582924	127.312	ug/l	99
67) Ethyl Benzene	10.177	91	79579	7.776	ug/l	100
68) m/p-Xylenes	10.281	106	168739	44.378	ug/l	100
69) o-Xylene	10.622	106	140290	38.217	ug/l	99
70) Styrene	10.640	104	32867	5.258	ug/l #	33
80) 1,3,5-Trimethylbenzene	11.433	105	35532	4.188	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	115752	13.672	ug/l	96
95) Naphthalene	13.756	128	535484	65.694	ug/l	99

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

Quantitation Report (QT Reviewed)

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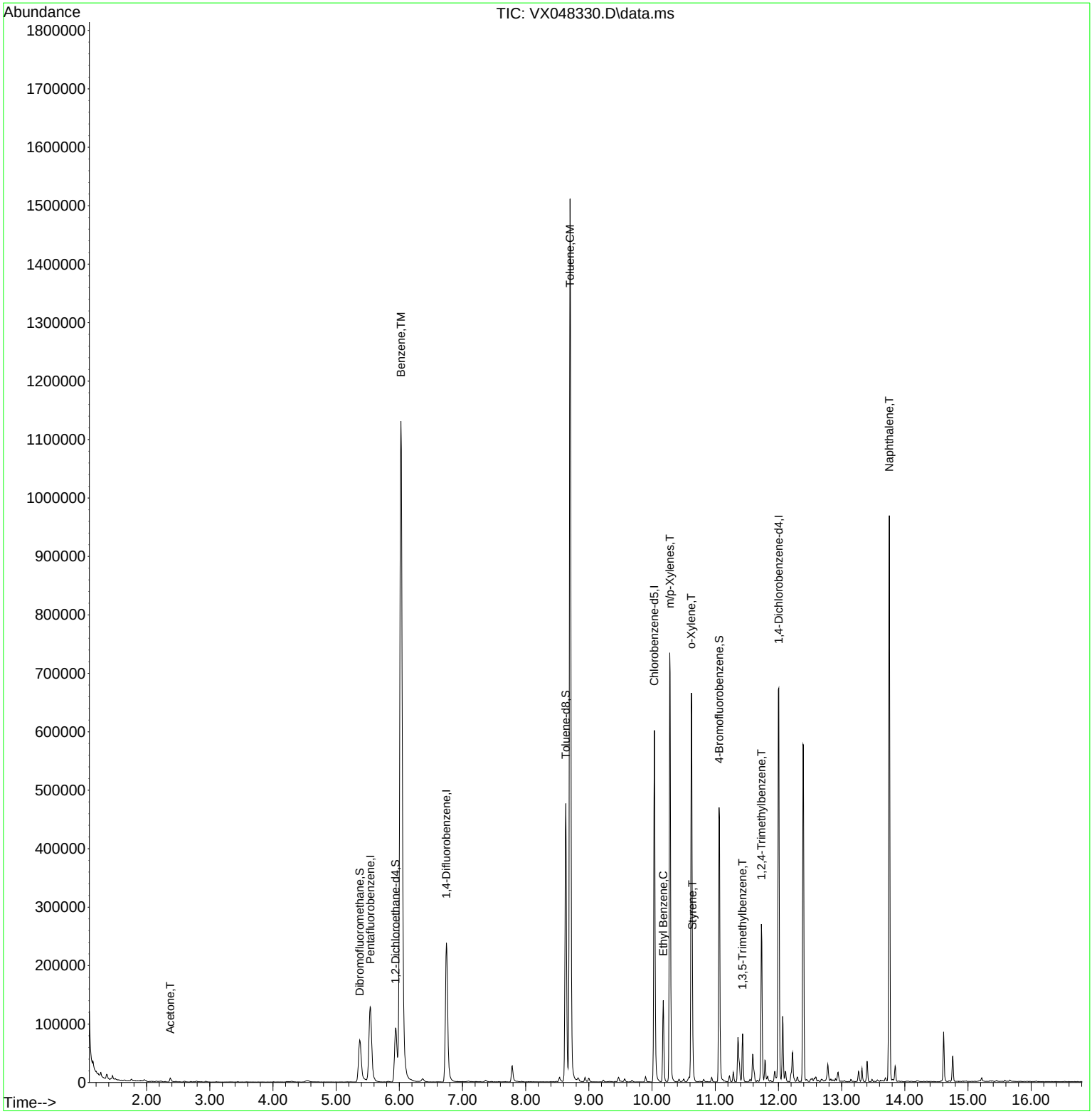
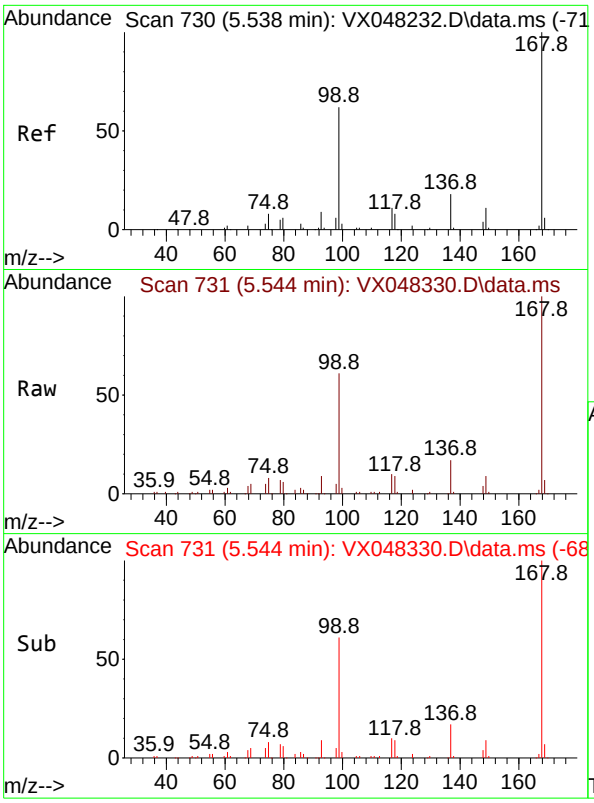
MSVOA_X
ClientSampleId :
SB-13

Quant Time: Oct 24 05:49:04 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



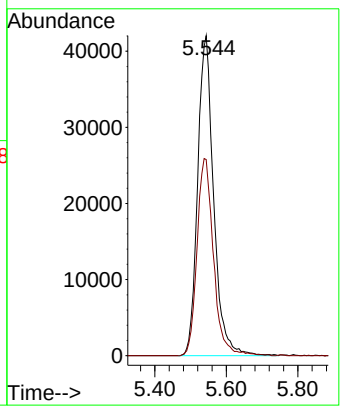


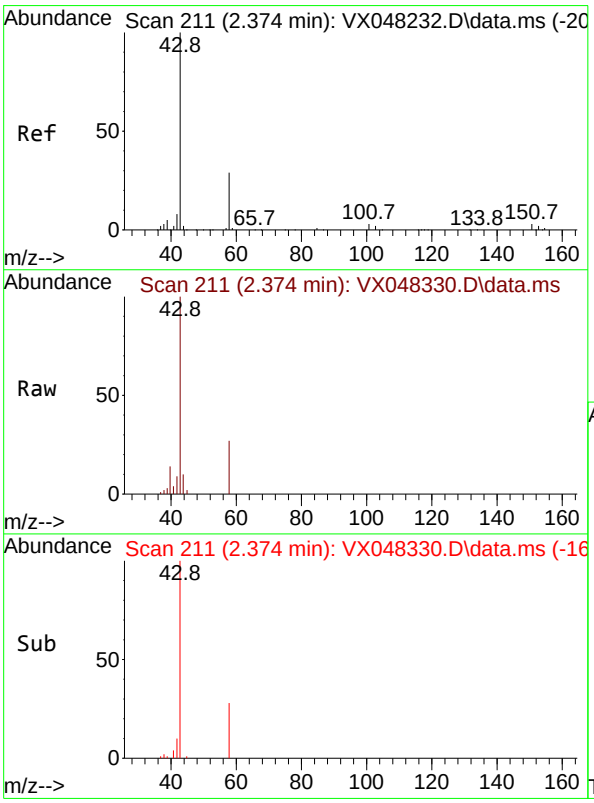
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048330.D
Acq: 23 Oct 2025 16:49

Instrument :
MSVOA_X
ClientSampleId :
SB-13

Tgt Ion:168 Resp: 130437

Ion	Ratio	Lower	Upper
168	100		
99	61.3	46.4	69.6

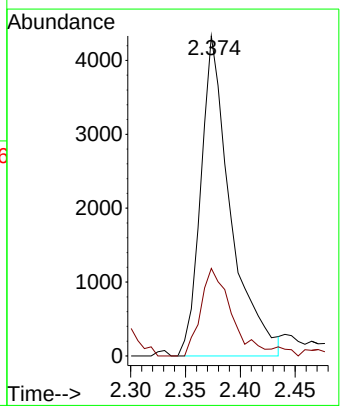


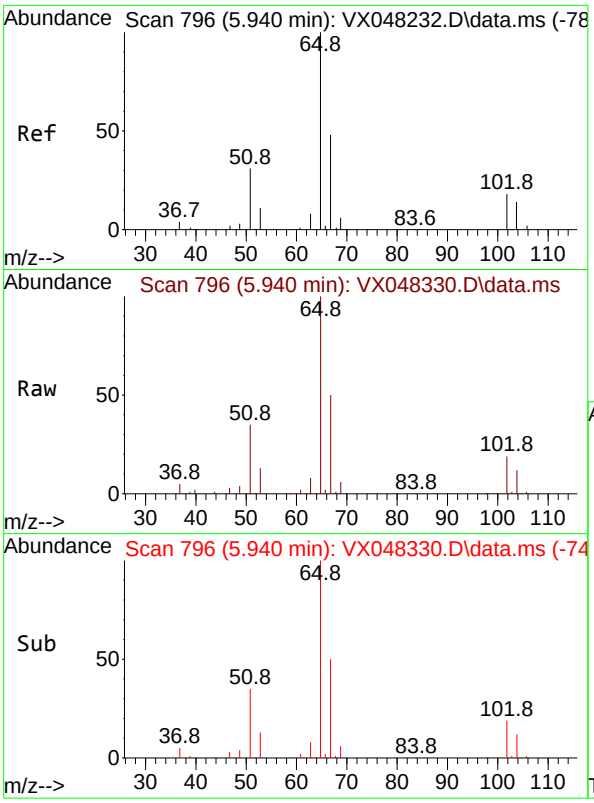


#16
Acetone
Concen: 13.040 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048330.D
Acq: 23 Oct 2025 16:49

Tgt Ion: 43 Resp: 8181

Ion	Ratio	Lower	Upper
43	100		
58	24.8	23.4	35.2



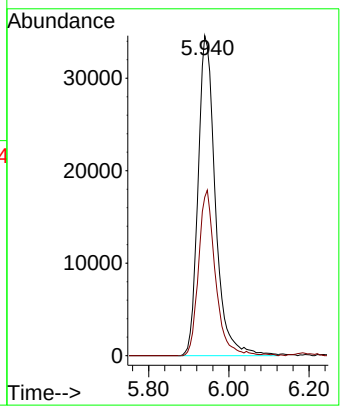


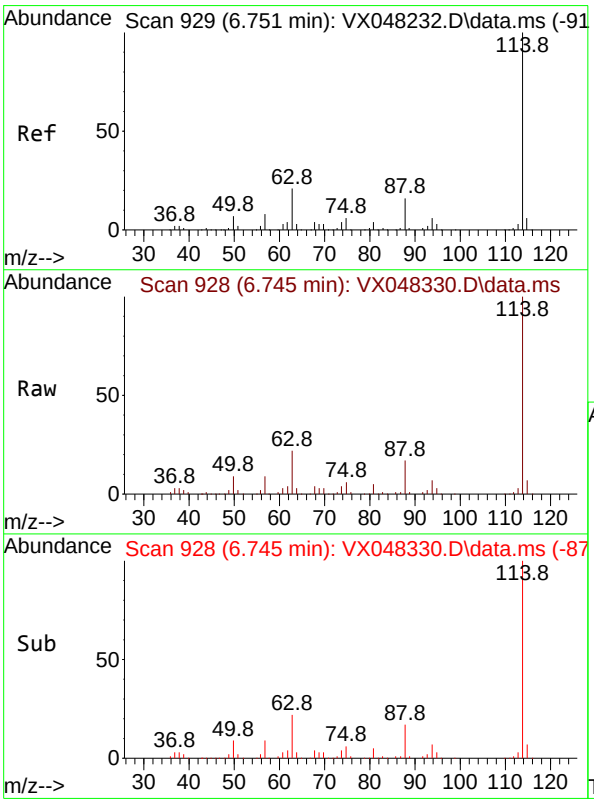
#33
1,2-Dichloroethane-d4
Concen: 56.674 ug/l
RT: 5.940 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048330.D
Acq: 23 Oct 2025 16:49

Instrument :
MSVOA_X
ClientSampleId :
SB-13

Tgt Ion: 65 Resp: 103647

Ion	Ratio	Lower	Upper
65	100		
67	49.9	0.0	105.0

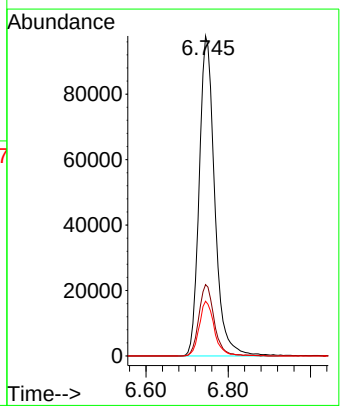


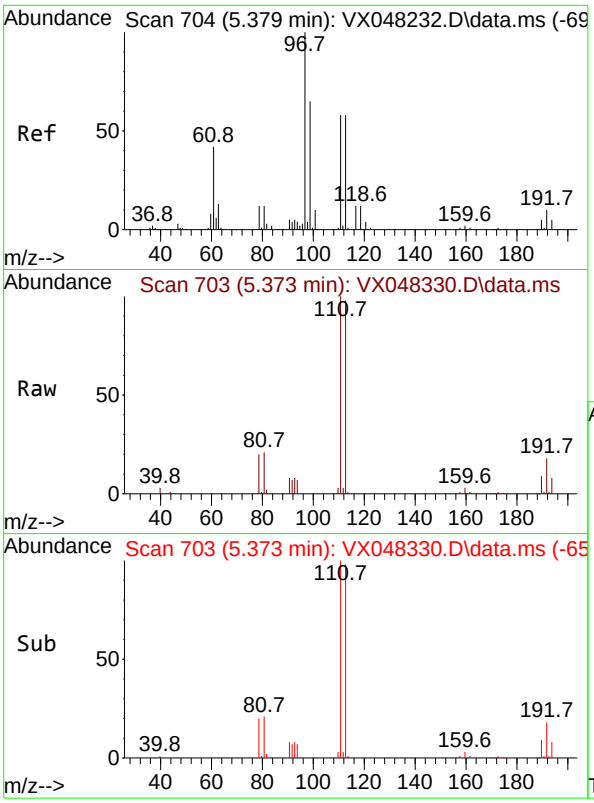


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX048330.D
Acq: 23 Oct 2025 16:49

Tgt Ion:114 Resp: 255833

Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	43.2
88	17.1	0.0	33.6



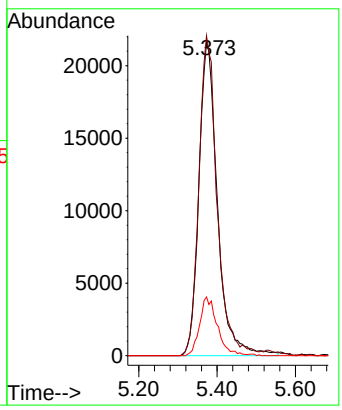


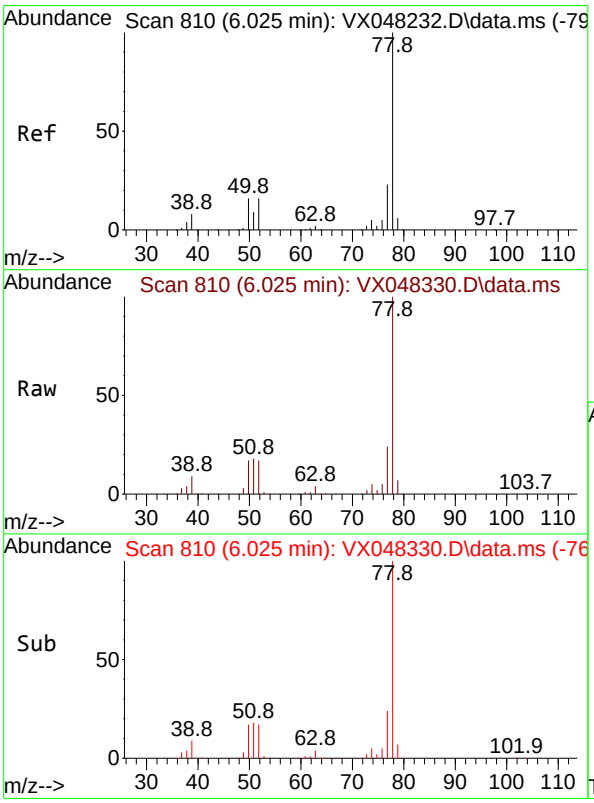
#35
Dibromofluoromethane
Concen: 40.758 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048330.D
Acq: 23 Oct 2025 16:49

Instrument :
MSVOA_X
ClientSampleId :
SB-13

Tgt Ion:113 Resp: 71187

Ion	Ratio	Lower	Upper
113	100		
111	100.1	82.2	123.4
192	17.8	15.1	22.7

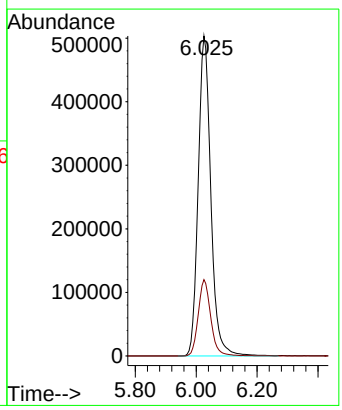


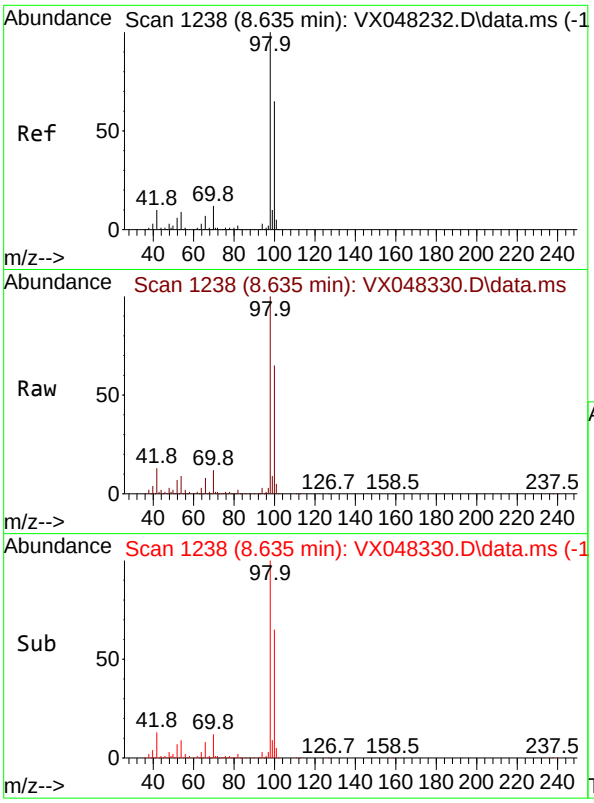


#40
Benzene
Concen: 201.038 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX048330.D
Acq: 23 Oct 2025 16:49

Tgt Ion: 78 Resp: 1448939

Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.3	28.9



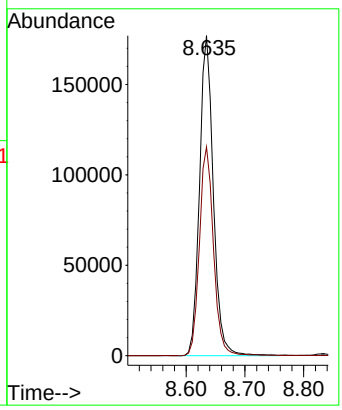


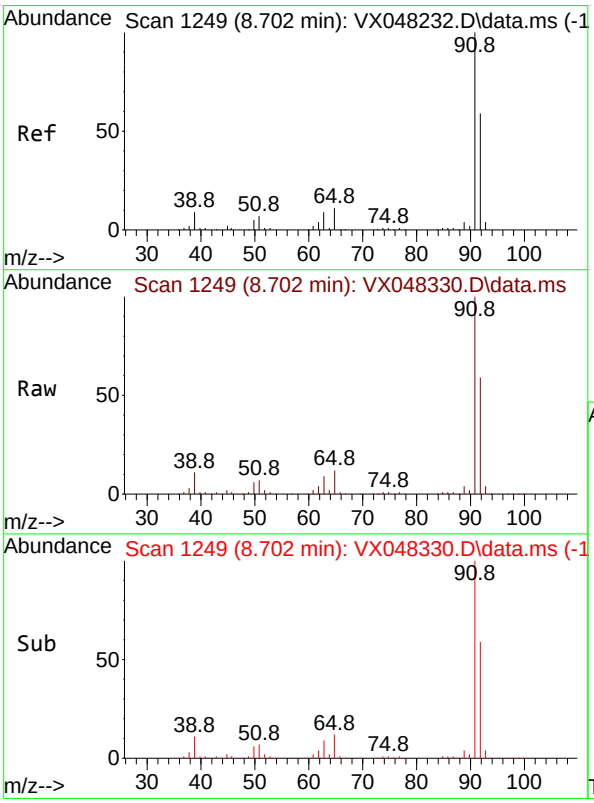
#50
Toluene-d8
Concen: 47.167 ug/l
RT: 8.635 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048330.D
Acq: 23 Oct 2025 16:49

Instrument :
MSVOA_X
ClientSampleId :
SB-13

Tgt Ion: 98 Resp: 288751

Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.0	79.4

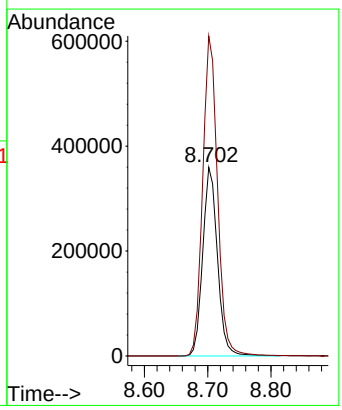


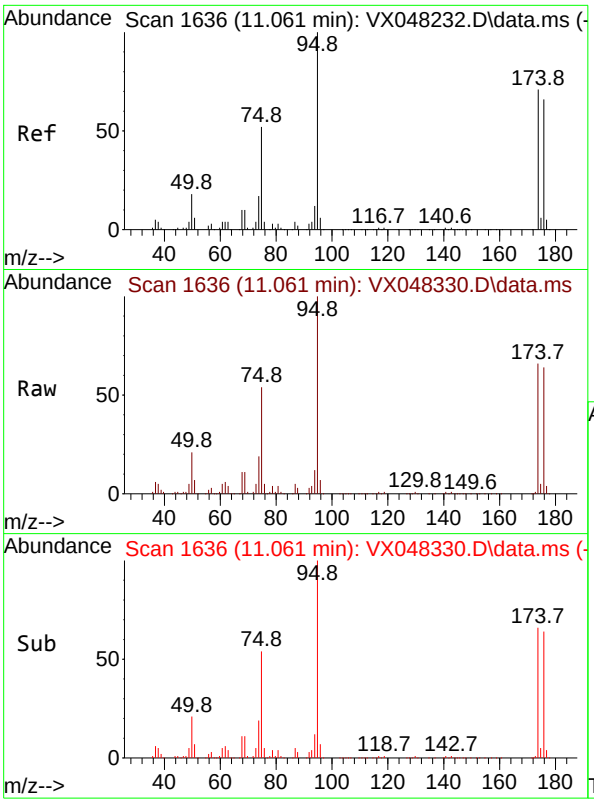


#52
Toluene
Concen: 127.312 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048330.D
Acq: 23 Oct 2025 16:49

Tgt Ion: 92 Resp: 582924

Ion	Ratio	Lower	Upper
92	100		
91	171.3	136.1	204.1



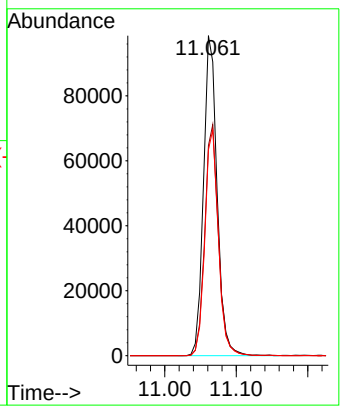


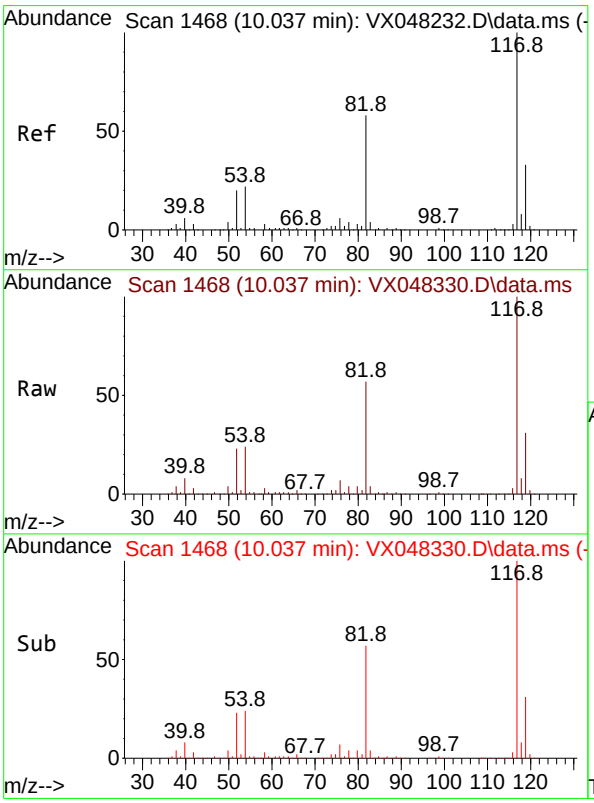
#62
4-Bromofluorobenzene
Concen: 55.811 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048330.D
Acq: 23 Oct 2025 16:49

Instrument :
MSVOA_X
ClientSampleId :
SB-13

Tgt Ion: 95 Resp: 129981

Ion	Ratio	Lower	Upper
95	100		
174	72.4	0.0	147.8
176	70.2	0.0	142.8

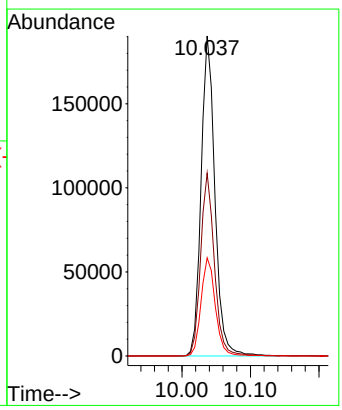


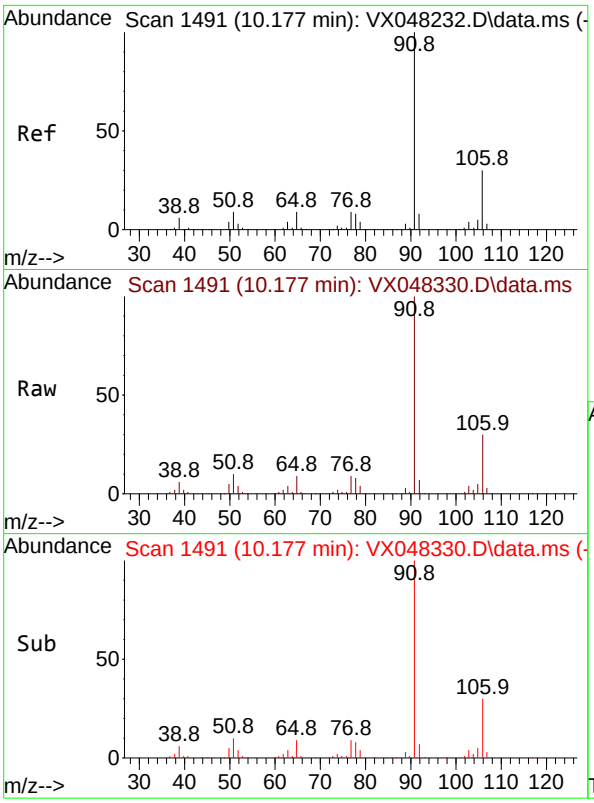


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048330.D
Acq: 23 Oct 2025 16:49

Tgt Ion:117 Resp: 267200

Ion	Ratio	Lower	Upper
117	100		
82	57.2	46.5	69.7
119	30.7	25.9	38.9



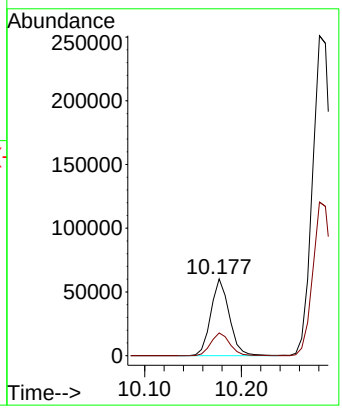


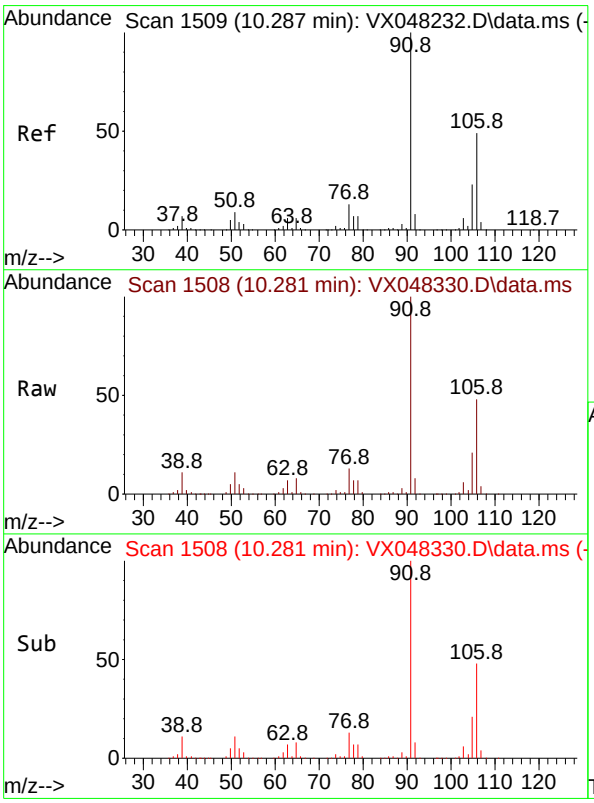
#67
Ethyl Benzene
Concen: 7.776 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048330.D
Acq: 23 Oct 2025 16:49

Instrument :
MSVOA_X
ClientSampleId :
SB-13

Tgt Ion: 91 Resp: 79579

Ion	Ratio	Lower	Upper
91	100		
106	29.6	23.8	35.6

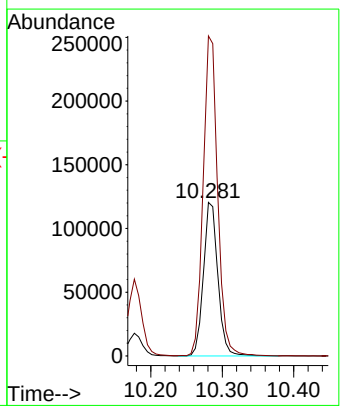


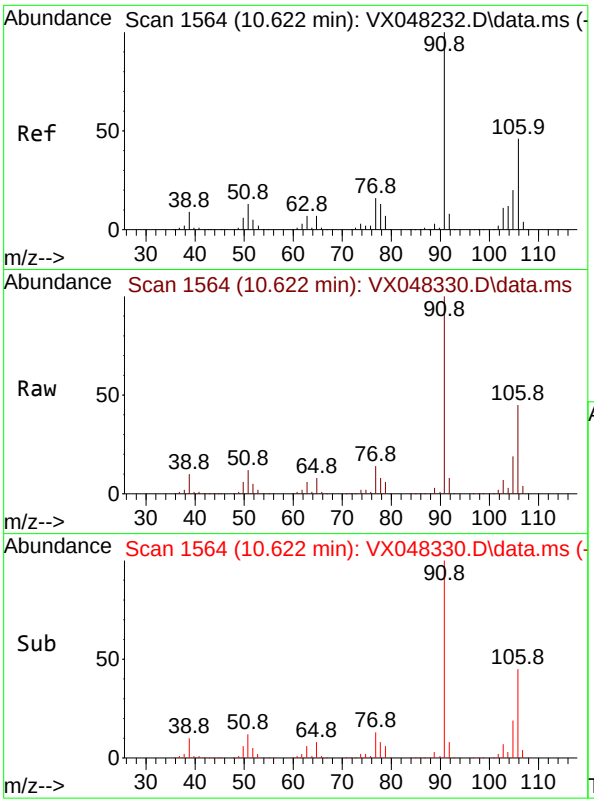


#68
m/p-Xylenes
Concen: 44.378 ug/l
RT: 10.281 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VX048330.D
Acq: 23 Oct 2025 16:49

Tgt Ion:106 Resp: 168739

Ion	Ratio	Lower	Upper
106	100		
91	209.2	167.9	251.9



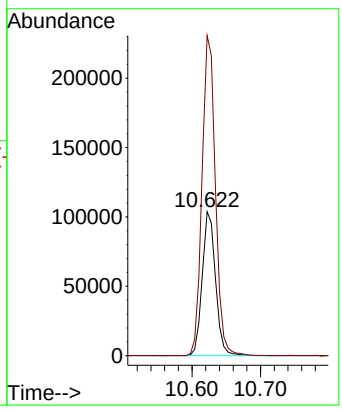


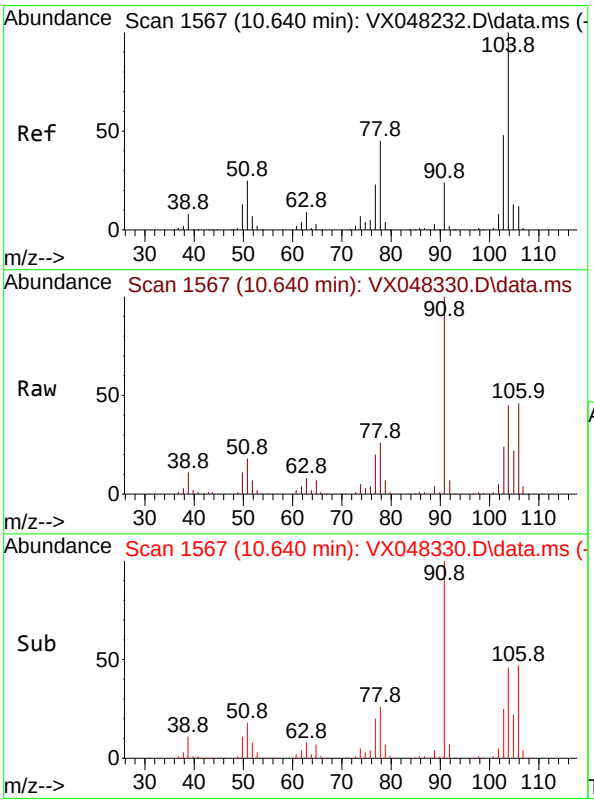
#69
o-Xylene
Concen: 38.217 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048330.D
Acq: 23 Oct 2025 16:49

Instrument :
MSVOA_X
ClientSampleId :
SB-13

Tgt Ion:106 Resp: 140290

Ion	Ratio	Lower	Upper
106	100		
91	224.5	111.3	333.9

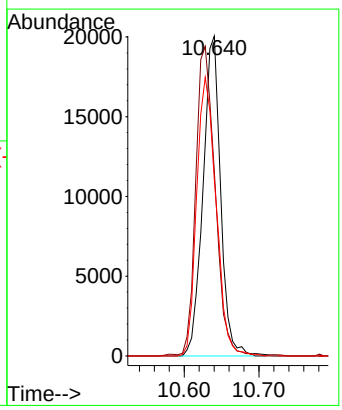


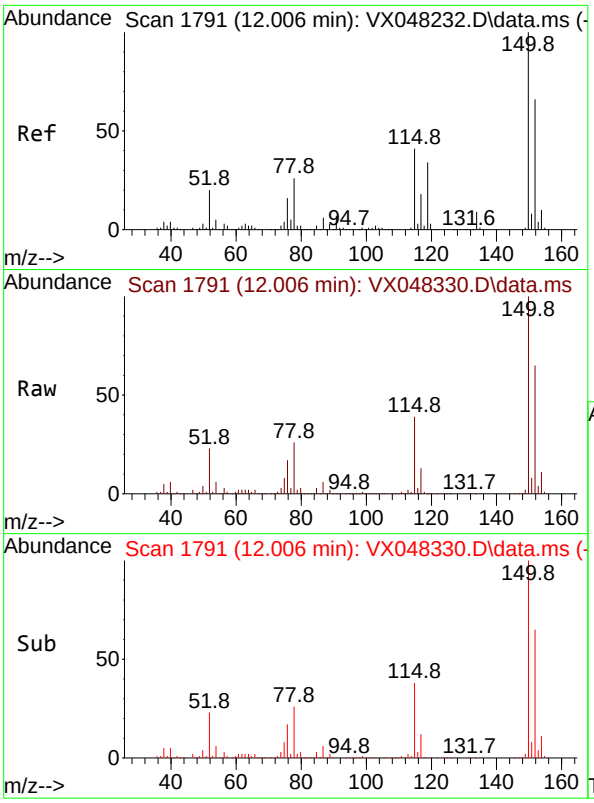


#70
Styrene
Concen: 5.258 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048330.D
Acq: 23 Oct 2025 16:49

Tgt Ion:104 Resp: 32867

Ion	Ratio	Lower	Upper
104	100		
78	105.8	42.2	63.4#
103	95.5	43.0	64.4#



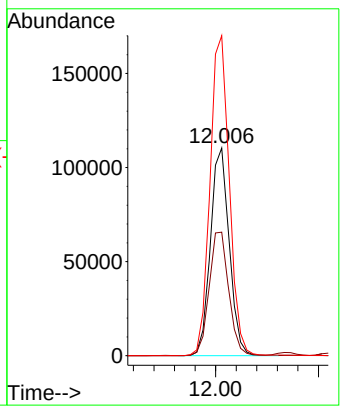


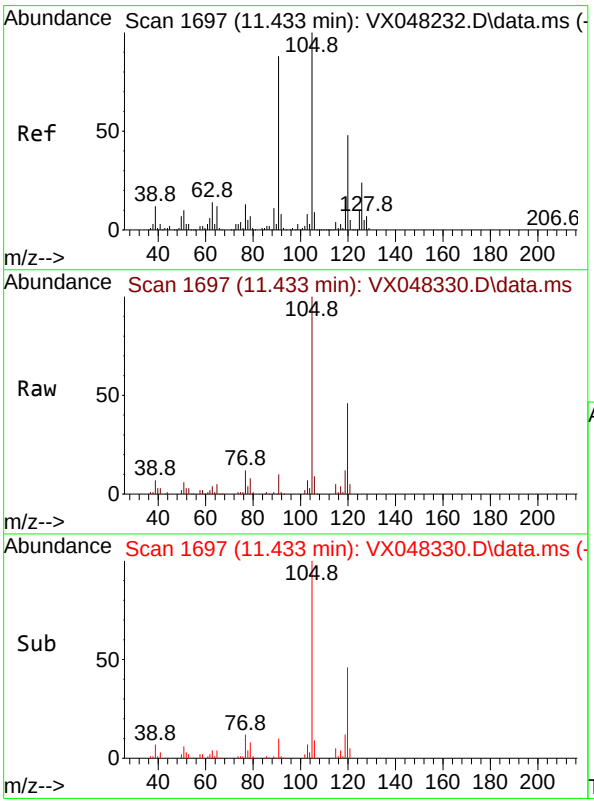
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048330.D
Acq: 23 Oct 2025 16:49

Instrument :
MSVOA_X
ClientSampleId :
SB-13

Tgt Ion:152 Resp: 140349

Ion	Ratio	Lower	Upper
152	100		
115	61.9	43.1	129.4
150	157.6	0.0	353.0

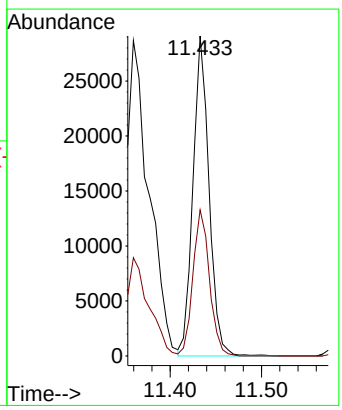


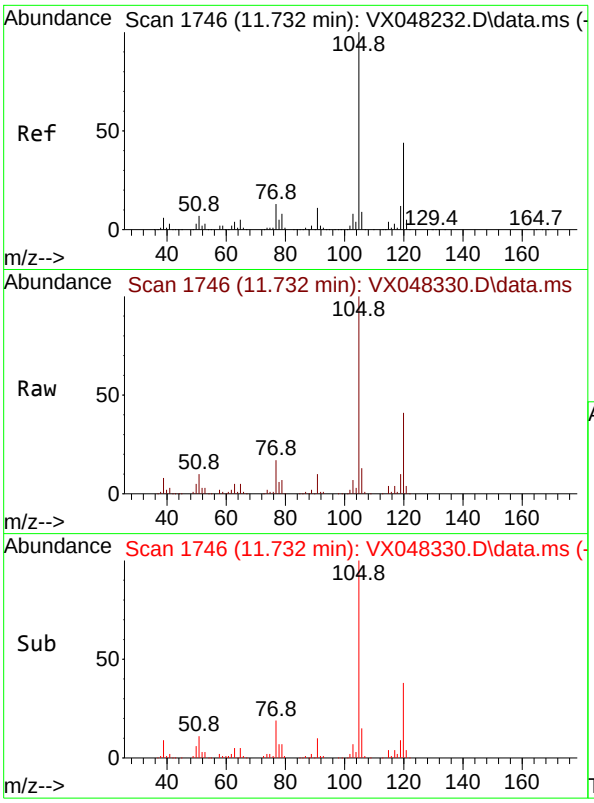


#80
1,3,5-Trimethylbenzene
Concen: 4.188 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048330.D
Acq: 23 Oct 2025 16:49

Tgt Ion:105 Resp: 35532

Ion	Ratio	Lower	Upper
105	100		
120	47.0	24.0	72.0



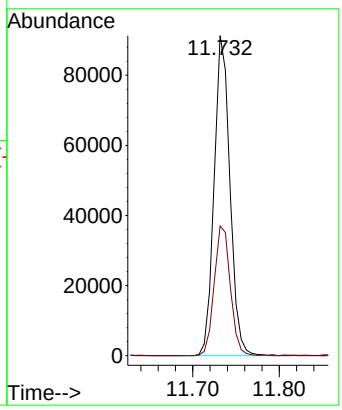


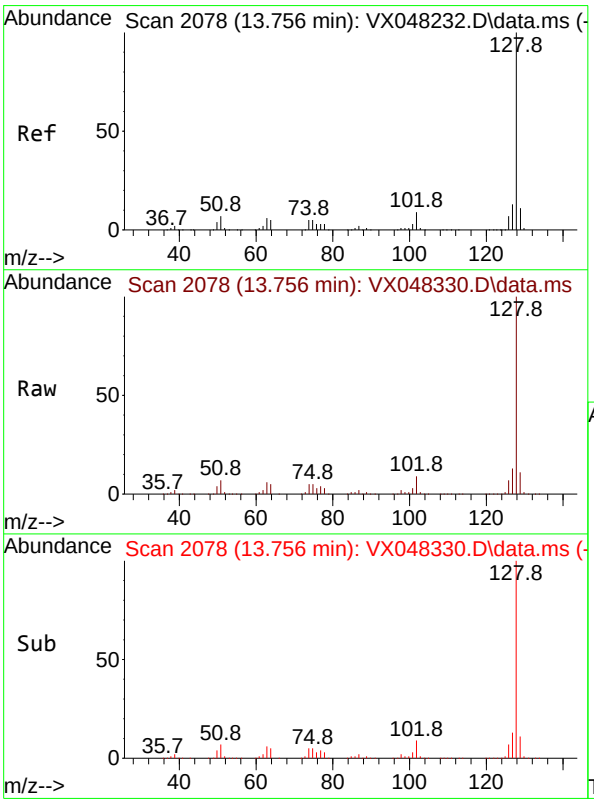
#84
1,2,4-Trimethylbenzene
Concen: 13.672 ug/l
RT: 11.732 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048330.D
Acq: 23 Oct 2025 16:49

Instrument :
MSVOA_X
ClientSampleId :
SB-13

Tgt Ion:105 Resp: 115752

Ion	Ratio	Lower	Upper
105	100		
120	41.6	22.1	66.5





#95
Naphthalene
Concen: 65.694 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048330.D
Acq: 23 Oct 2025 16:49

Tgt Ion:128 Resp: 535484

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	10.9	8.6	12.8