Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102325\
Data File : VX048333.D
Acq On : 23 Oct 2025 17:51
Operator : JC/MD
Sample : Q3414-03DL 40X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SB-3DL

Quant Time: Oct 24 05:50:47 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	101048	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	201336	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	207930	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	105814	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	77990	55.048	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.100%			
35) Dibromofluoromethane	5.373	113	55565	40.425	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 80.860%			
50) Toluene-d8	8.635	98	223840	46.461	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 92.920%			
62) 4-Bromofluorobenzene	11.061	95	99708	54.401	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.800%			
Target Compounds						Qvalue
16) Acetone	2.386	43	2064	4.247	ug/l #	82
40) Benzene	6.025	78	294976	52.005	ug/l	100
52) Toluene	8.702	92	137094	38.046	ug/l	100
67) Ethyl Benzene	10.177	91	17141	2.152	ug/l	99
68) m/p-Xylenes	10.287	106	36210	12.238	ug/l	100
69) o-Xylene	10.622	106	34165	11.960	ug/l	98
70) Styrene	10.640	104	9987	2.053	ug/l #	48
80) 1,3,5-Trimethylbenzene	11.433	105	8920	1.395	ug/l	95
84) 1,2,4-Trimethylbenzene	11.738	105	24499	3.838	ug/l	96
95) Naphthalene	13.756	128	129936	21.144	ug/l	100

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

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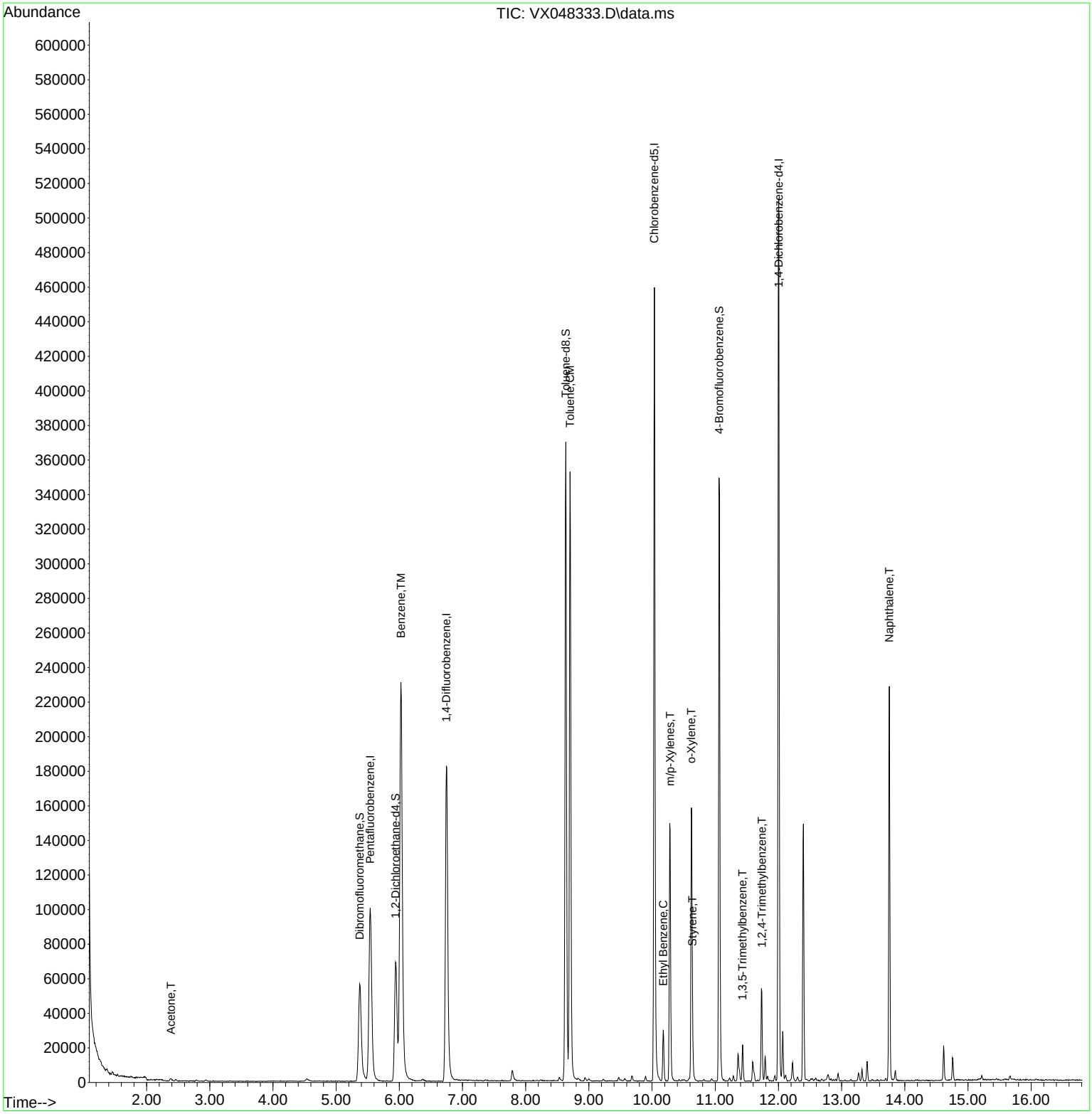
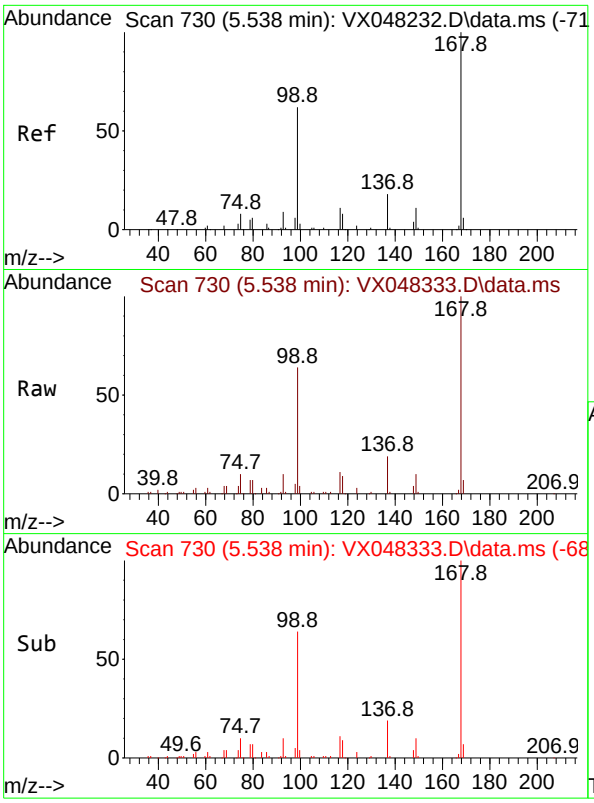


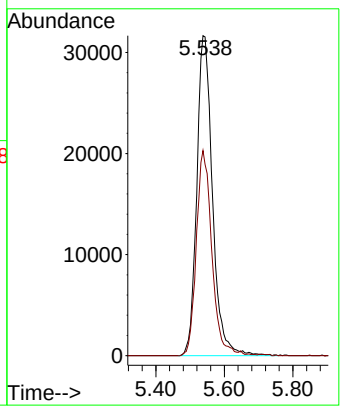


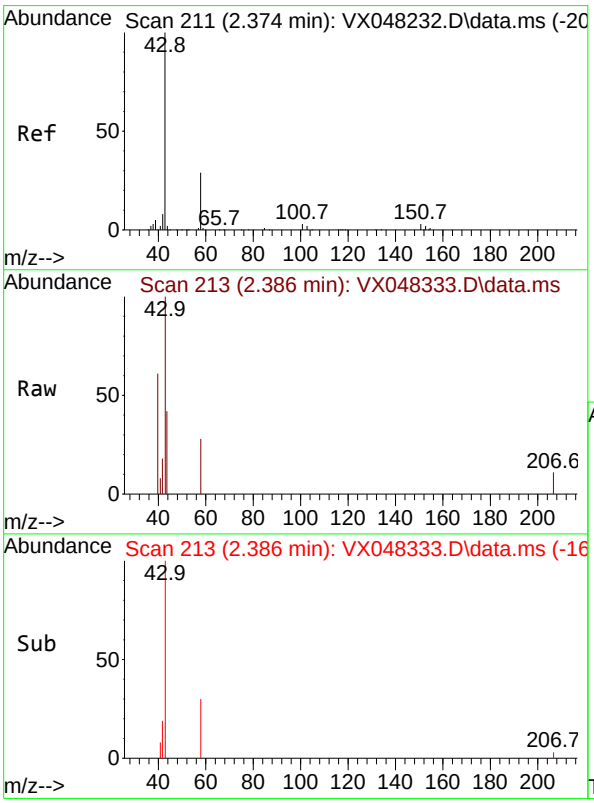
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048333.D
Acq: 23 Oct 2025 17:51

Instrument :
MSVOA_X
ClientSampleId :
SB-3DL

Tgt Ion:168 Resp: 101048

Ion	Ratio	Lower	Upper
168	100		
99	64.1	46.4	69.6

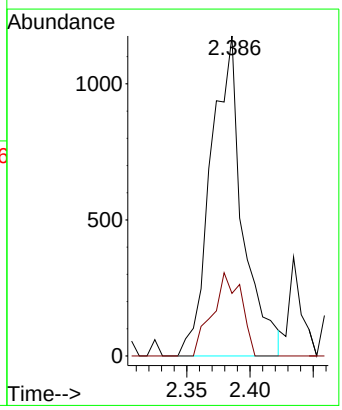


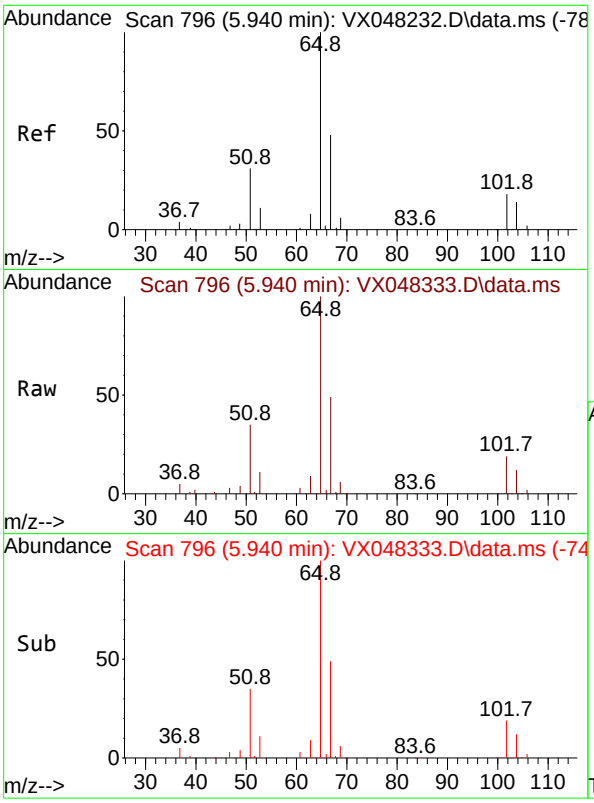


#16
Acetone
Concen: 4.247 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX048333.D
Acq: 23 Oct 2025 17:51

Tgt Ion: 43 Resp: 2064

Ion	Ratio	Lower	Upper
43	100		
58	19.6	23.4	35.2#



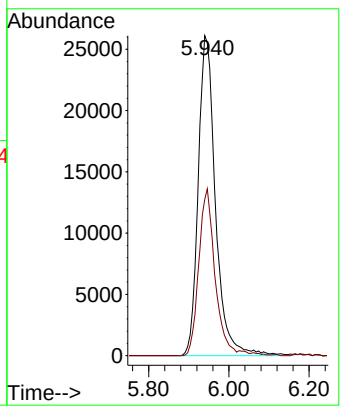


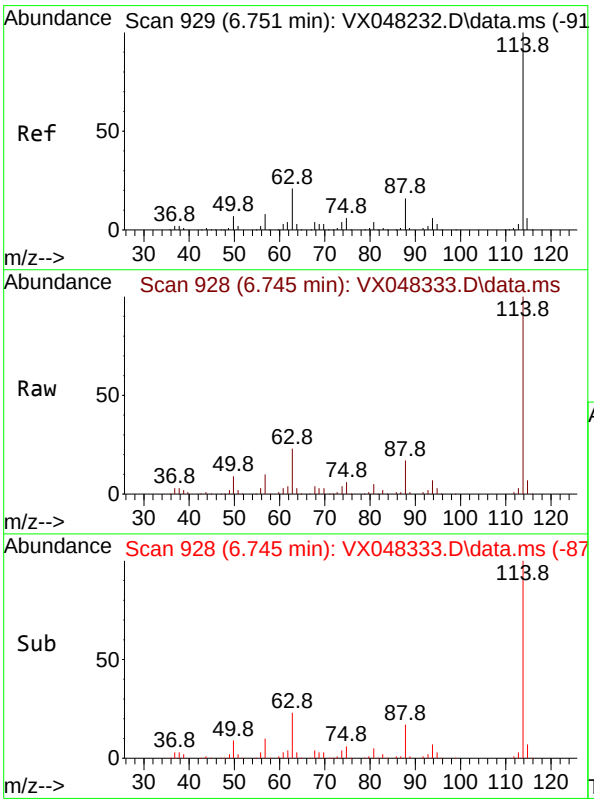
#33
1,2-Dichloroethane-d4
Concen: 55.048 ug/l
RT: 5.940 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048333.D
Acq: 23 Oct 2025 17:51

Instrument :
MSVOA_X
ClientSampleId :
SB-3DL

Tgt Ion: 65 Resp: 77990

Ion	Ratio	Lower	Upper
65	100		
67	49.5	0.0	105.0

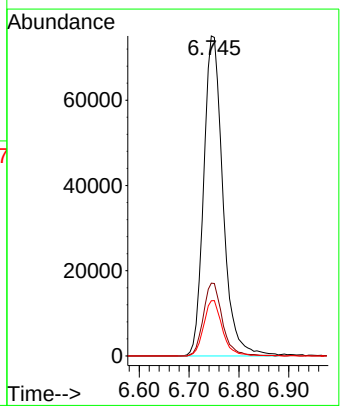


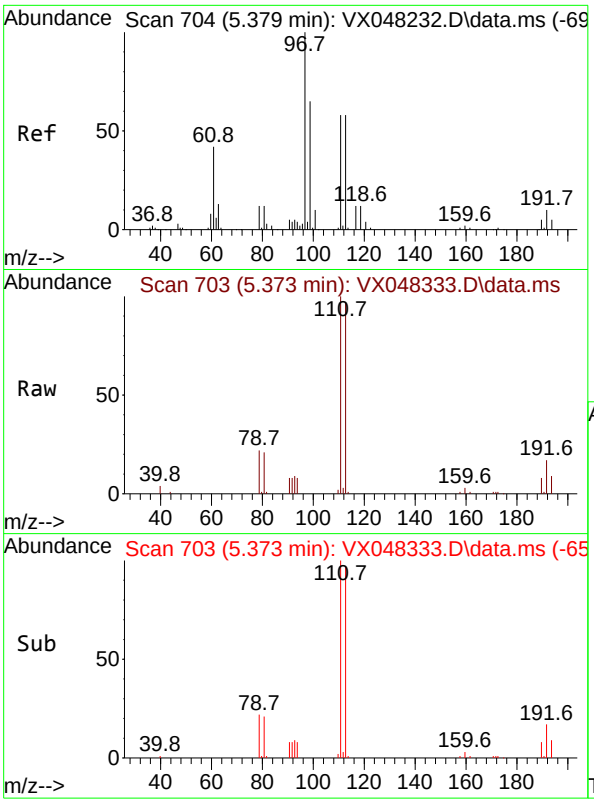


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX048333.D
Acq: 23 Oct 2025 17:51

Tgt Ion:114 Resp: 201336

Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	43.2
88	17.3	0.0	33.6



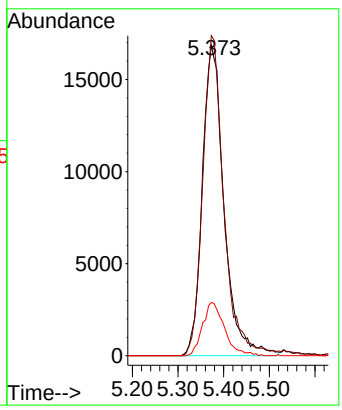


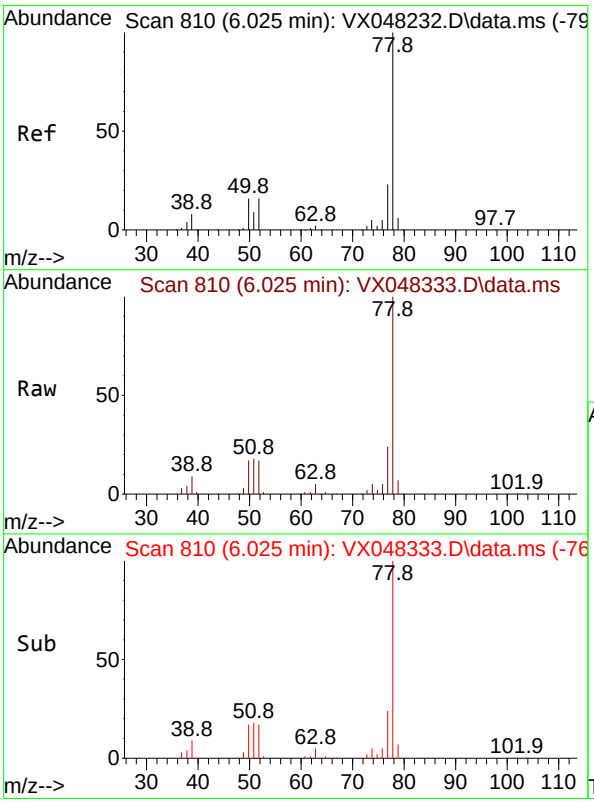
#35
Dibromofluoromethane
Concen: 40.425 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048333.D
Acq: 23 Oct 2025 17:51

Instrument :
MSVOA_X
ClientSampleId :
SB-3DL

Tgt Ion:113 Resp: 55565

Ion	Ratio	Lower	Upper
113	100		
111	99.9	82.2	123.4
192	17.3	15.1	22.7

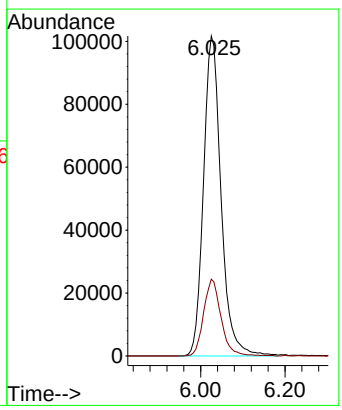


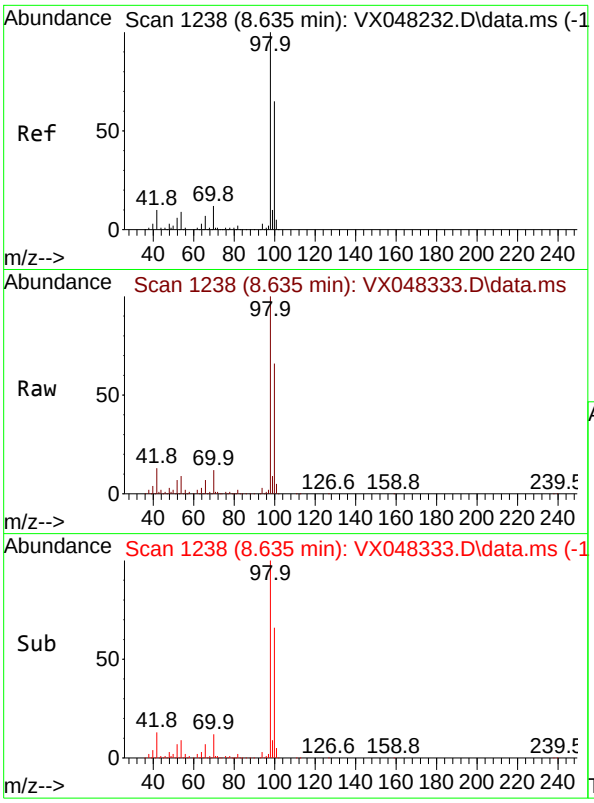


#40
Benzene
Concen: 52.005 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX048333.D
Acq: 23 Oct 2025 17:51

Tgt Ion: 78 Resp: 294976

Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.3	28.9



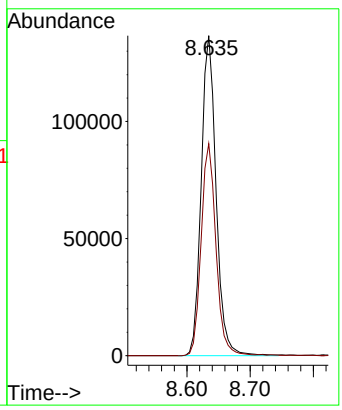


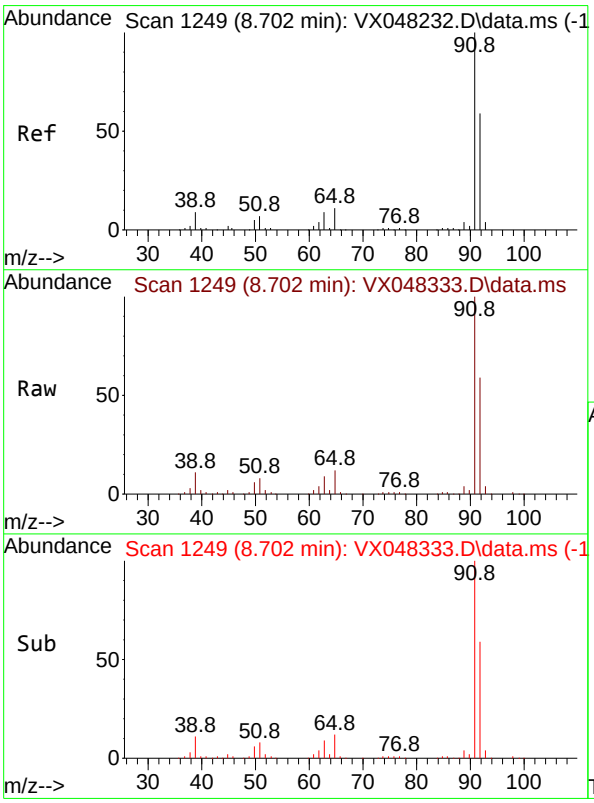
#50
Toluene-d8
Concen: 46.461 ug/l
RT: 8.635 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048333.D
Acq: 23 Oct 2025 17:51

Instrument :
MSVOA_X
ClientSampleId :
SB-3DL

Tgt Ion: 98 Resp: 223840

Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.0	79.4

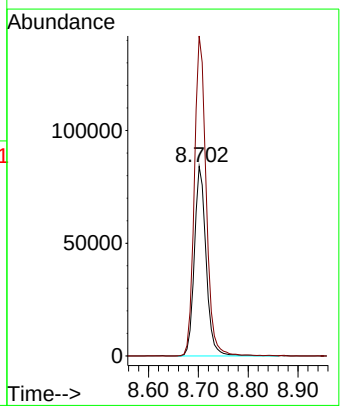


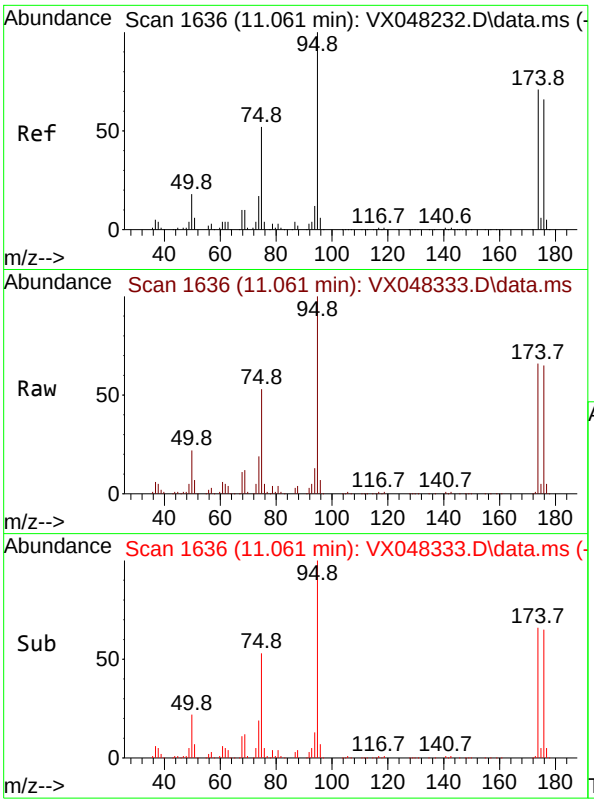


#52
Toluene
Concen: 38.046 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048333.D
Acq: 23 Oct 2025 17:51

Tgt Ion: 92 Resp: 137094

Ion	Ratio	Lower	Upper
92	100		
91	170.5	136.1	204.1



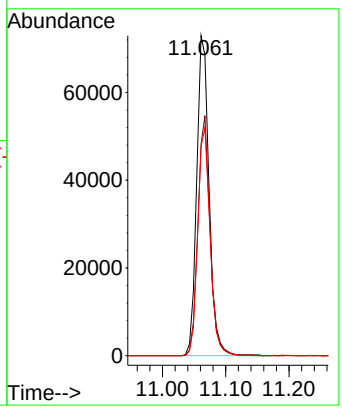


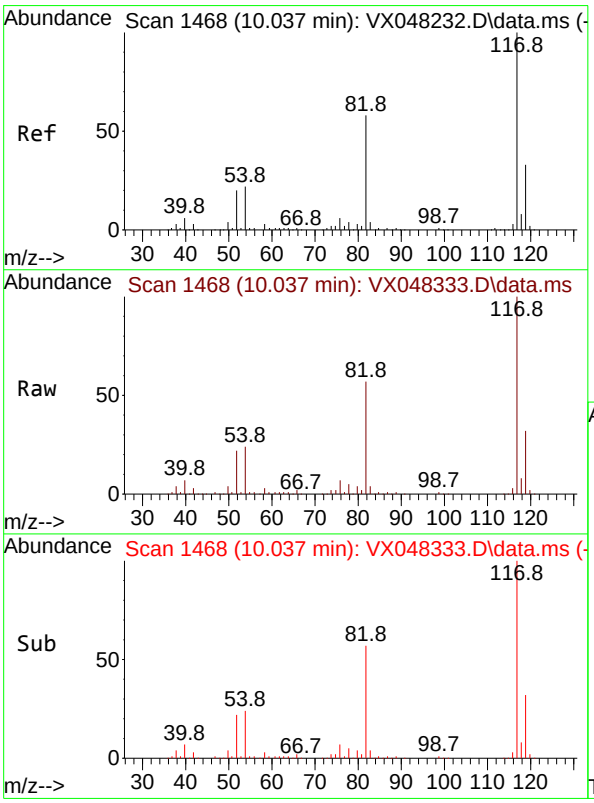
#62
4-Bromofluorobenzene
Concen: 54.401 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048333.D
Acq: 23 Oct 2025 17:51

Instrument :
MSVOA_X
ClientSampleId :
SB-3DL

Tgt Ion: 95 Resp: 99708

Ion	Ratio	Lower	Upper
95	100		
174	73.3	0.0	147.8
176	71.0	0.0	142.8

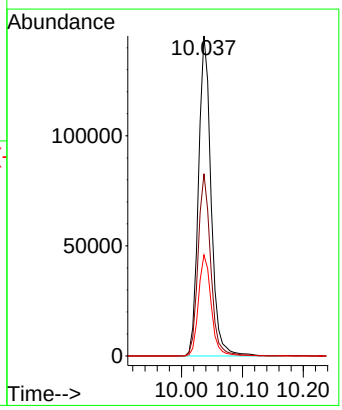


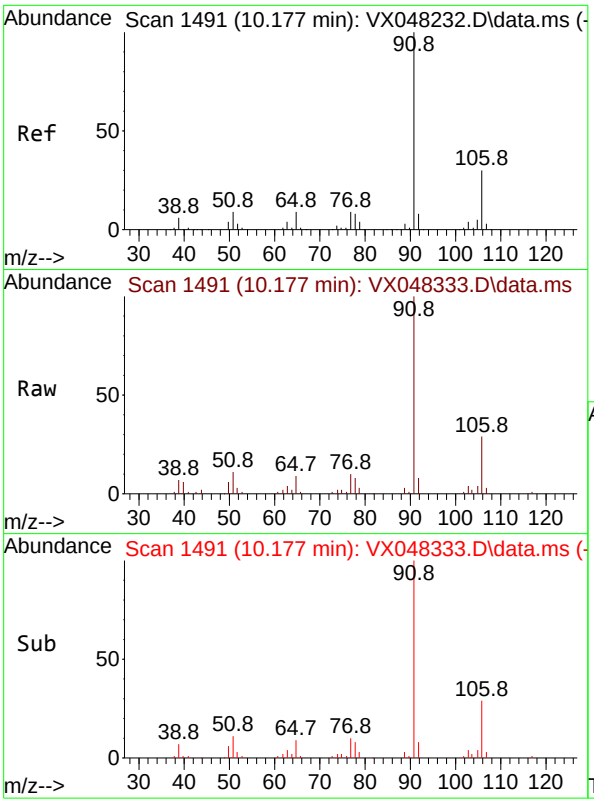


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048333.D
Acq: 23 Oct 2025 17:51

Tgt Ion:117 Resp: 207930

Ion	Ratio	Lower	Upper
117	100		
82	57.0	46.5	69.7
119	31.6	25.9	38.9



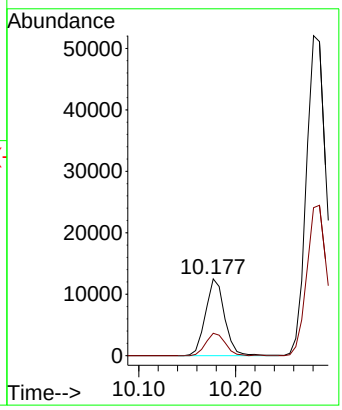


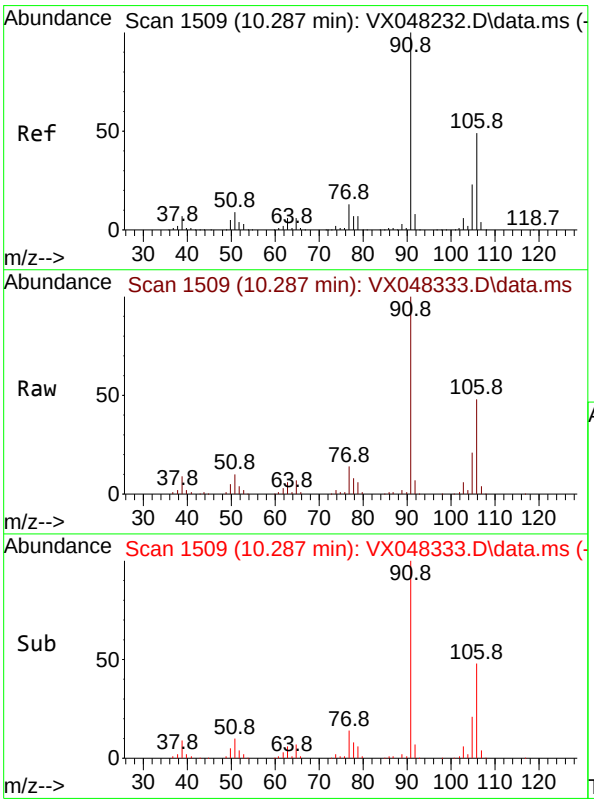
#67
Ethyl Benzene
Concen: 2.152 ug/l
RT: 10.177 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048333.D
Acq: 23 Oct 2025 17:51

Instrument :
MSVOA_X
ClientSampleId :
SB-3DL

Tgt Ion: 91 Resp: 17141

Ion	Ratio	Lower	Upper
91	100		
106	29.2	23.8	35.6

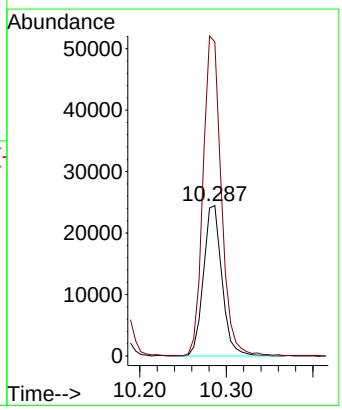


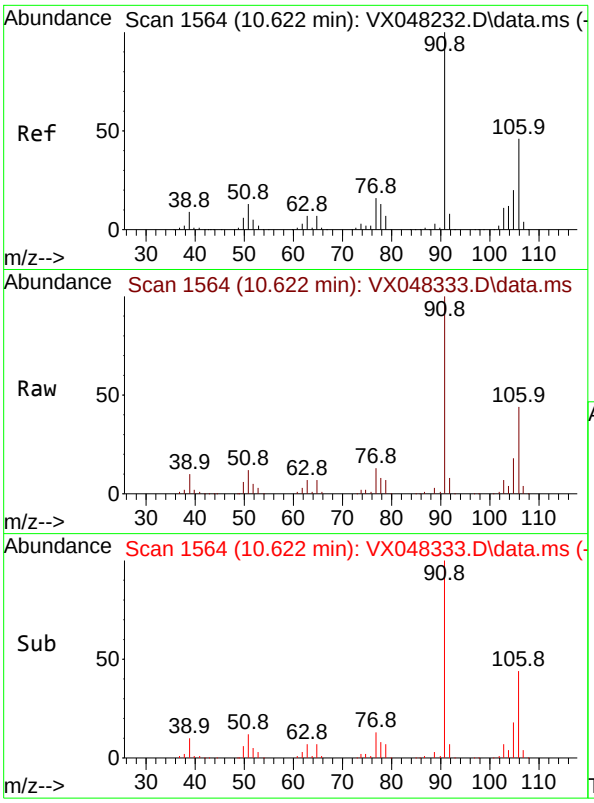


#68
m/p-Xylenes
Concen: 12.238 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048333.D
Acq: 23 Oct 2025 17:51

Tgt Ion:106 Resp: 36210

Ion	Ratio	Lower	Upper
106	100		
91	210.2	167.9	251.9



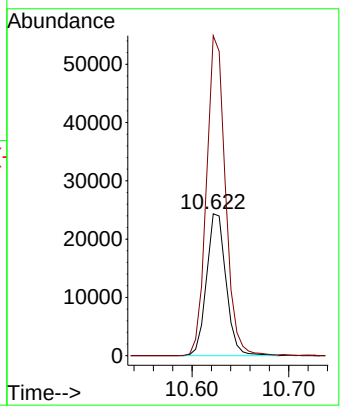


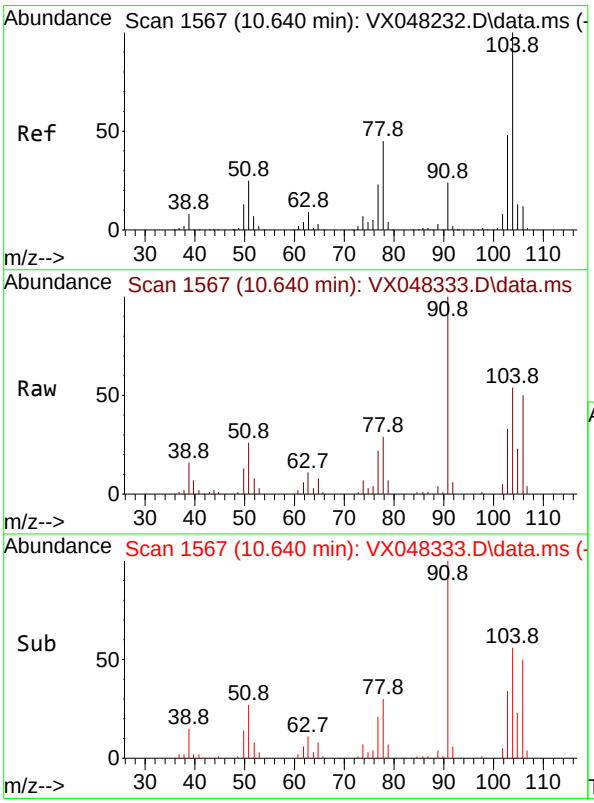
#69
o-Xylene
Concen: 11.960 ug/l
RT: 10.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048333.D
Acq: 23 Oct 2025 17:51

Instrument :
MSVOA_X
ClientSampleId :
SB-3DL

Tgt Ion:106 Resp: 34165

Ion	Ratio	Lower	Upper
106	100		
91	219.6	111.3	333.9

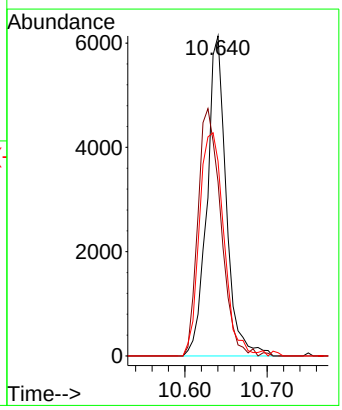


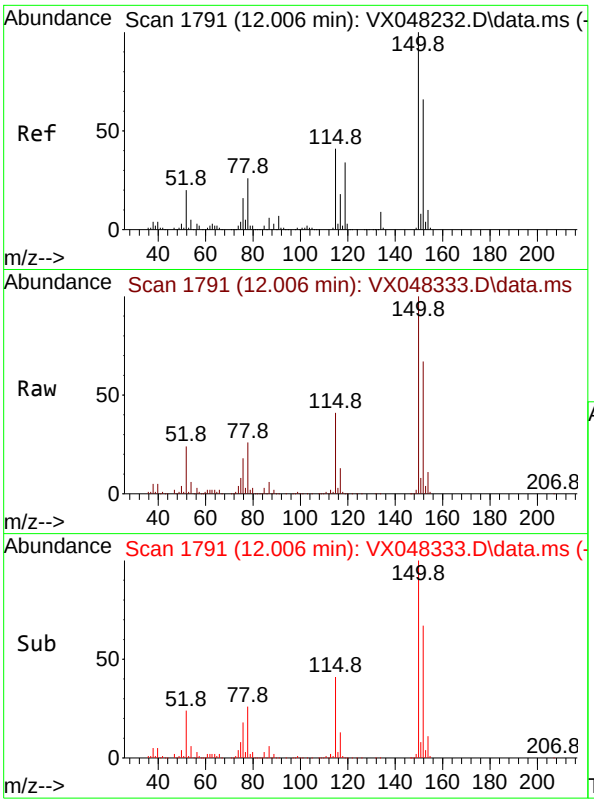


#70
Styrene
Concen: 2.053 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048333.D
Acq: 23 Oct 2025 17:51

Tgt Ion:104 Resp: 9987

Ion	Ratio	Lower	Upper
104	100		
78	92.1	42.2	63.4#
103	88.9	43.0	64.4#



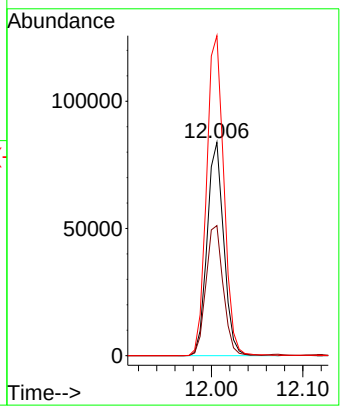


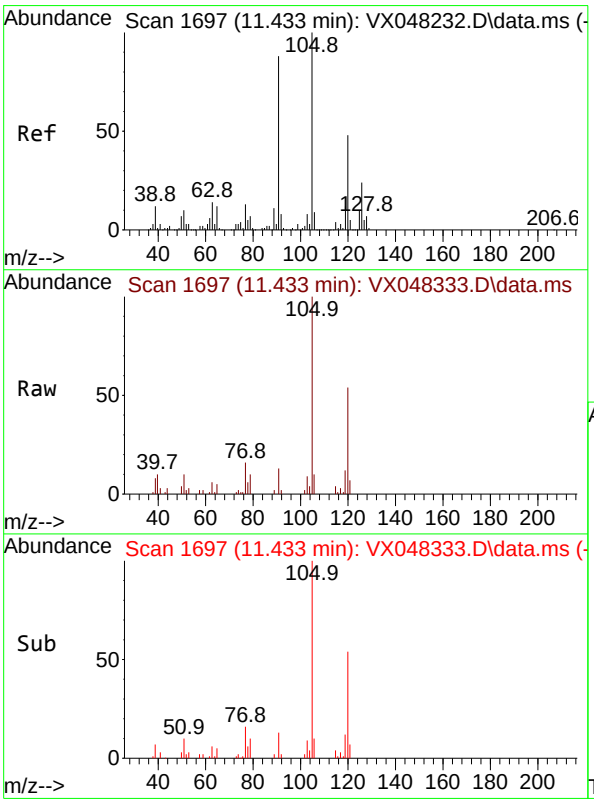
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048333.D
Acq: 23 Oct 2025 17:51

Instrument :
MSVOA_X
ClientSampleId :
SB-3DL

Tgt Ion:152 Resp: 105814

Ion	Ratio	Lower	Upper
152	100		
115	63.3	43.1	129.4
150	155.6	0.0	353.0

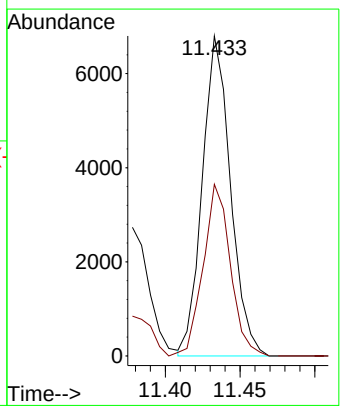


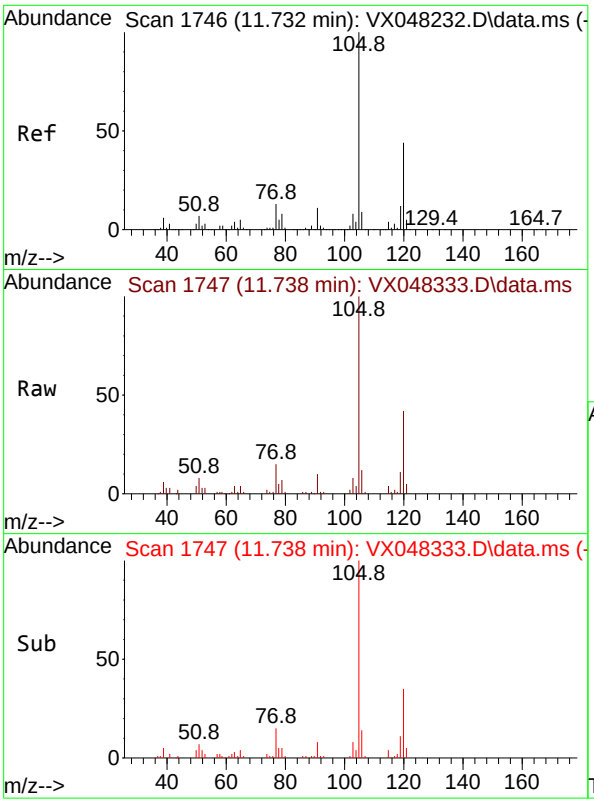


#80
1,3,5-Trimethylbenzene
Concen: 1.395 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048333.D
Acq: 23 Oct 2025 17:51

Tgt Ion:105 Resp: 8920

Ion	Ratio	Lower	Upper
105	100		
120	51.6	24.0	72.0



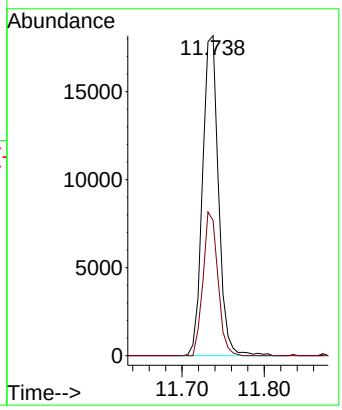


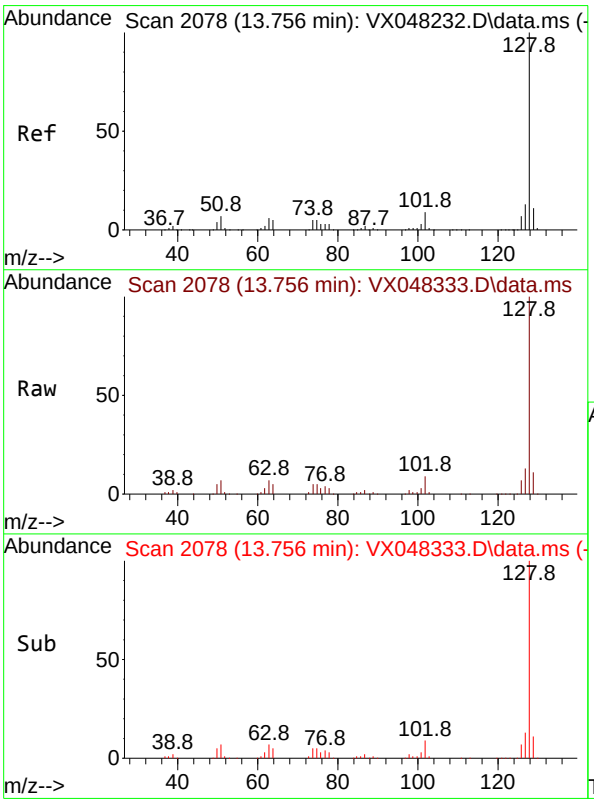
#84
1,2,4-Trimethylbenzene
Concen: 3.838 ug/l
RT: 11.738 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048333.D
Acq: 23 Oct 2025 17:51

Instrument :
MSVOA_X
ClientSampleId :
SB-3DL

Tgt Ion:105 Resp: 24499

Ion	Ratio	Lower	Upper
105	100		
120	41.8	22.1	66.5





#95
Naphthalene
Concen: 21.144 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048333.D
Acq: 23 Oct 2025 17:51

Tgt Ion:128 Resp: 129936

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	11.0	8.6	12.8