Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102725\
Data File : VX048372.D
Acq On : 27 Oct 2025 15:23
Operator : JC/MD
Sample : Q3446-05DL 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SB-18DL

Quant Time: Oct 28 01:55:10 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	154437	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	308759	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	307218	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	152467	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	121401	56.066	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 112.140%			
35) Dibromofluoromethane	5.373	113	85404	40.517	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 81.040%			
50) Toluene-d8	8.634	98	350408	47.427	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 94.860%			
62) 4-Bromofluorobenzene	11.061	95	148512	52.837	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.680%			
Target Compounds						Qvalue
40) Benzene	6.025	78	249601	28.695	ug/l	98
52) Toluene	8.702	92	126910	22.966	ug/l	99
67) Ethyl Benzene	10.177	91	19813	1.684	ug/l	98
68) m/p-Xylenes	10.281	106	41873	9.578	ug/l	99
69) o-Xylene	10.628	106	39844	9.440	ug/l	99
70) Styrene	10.640	104	11213	1.560	ug/l #	50
80) 1,3,5-Trimethylbenzene	11.433	105	10047	1.090	ug/l	99
84) 1,2,4-Trimethylbenzene	11.738	105	31200	3.392	ug/l	97
95) Naphthalene	13.756	128	155674	17.580	ug/l	99

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

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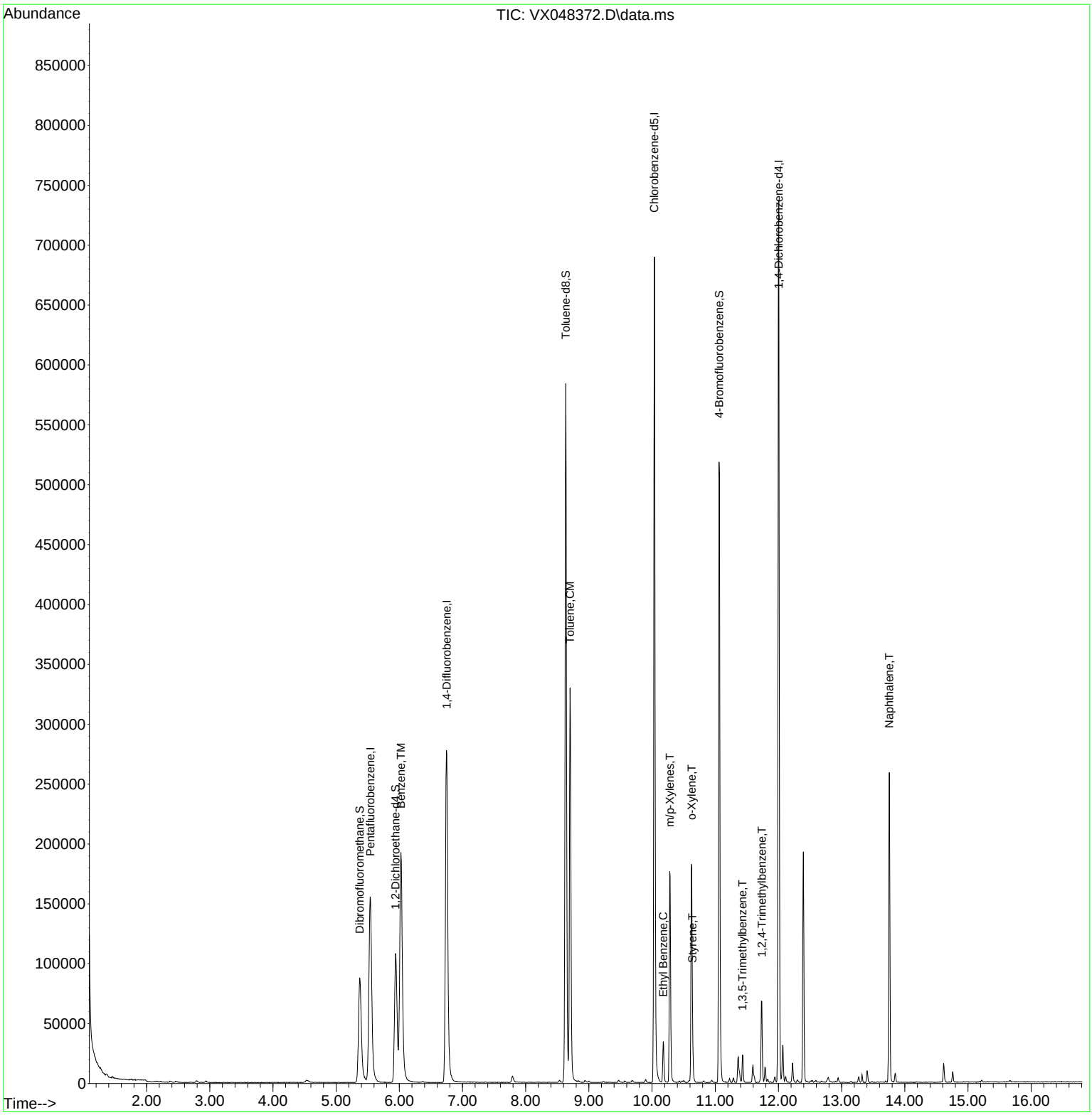
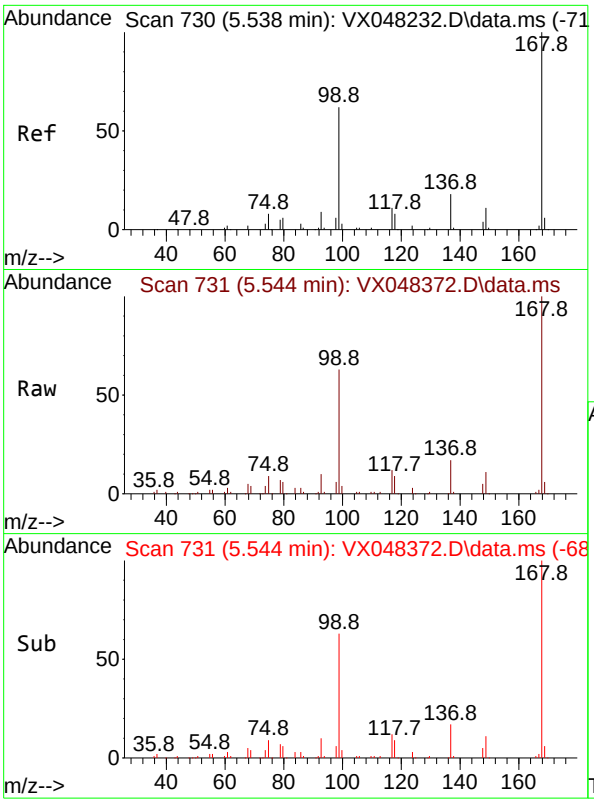


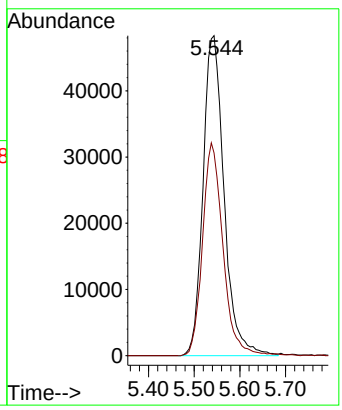


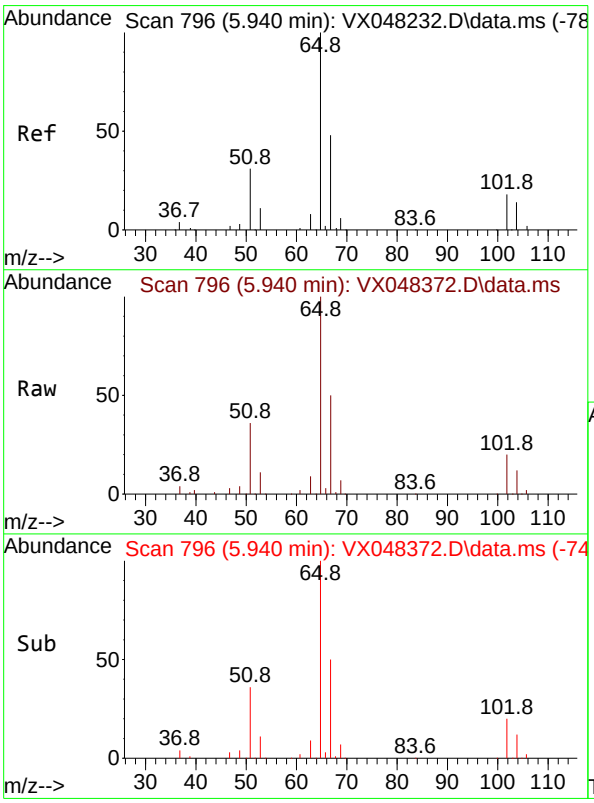
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048372.D
Acq: 27 Oct 2025 15:23

Instrument :
MSVOA_X
ClientSampleId :
SB-18DL

Tgt Ion:168 Resp: 154437

Ion	Ratio	Lower	Upper
168	100		
99	63.3	46.4	69.6

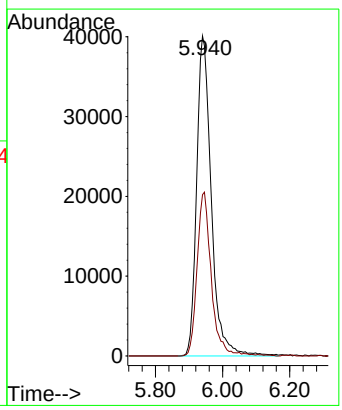


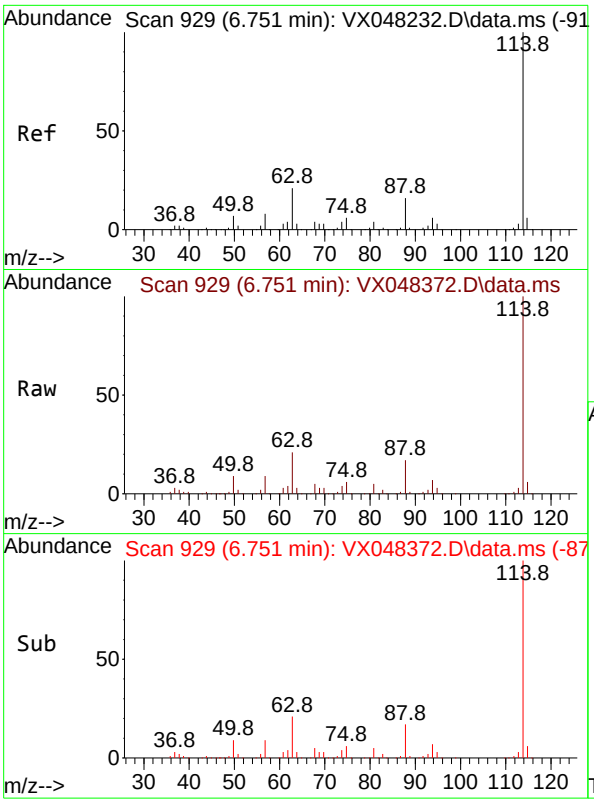


#33
1,2-Dichloroethane-d4
Concen: 56.066 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048372.D
Acq: 27 Oct 2025 15:23

Tgt Ion: 65 Resp: 121401

Ion	Ratio	Lower	Upper
65	100		
67	49.6	0.0	105.0



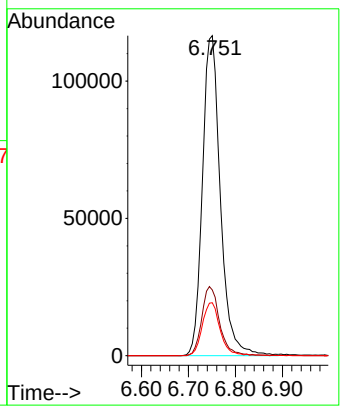


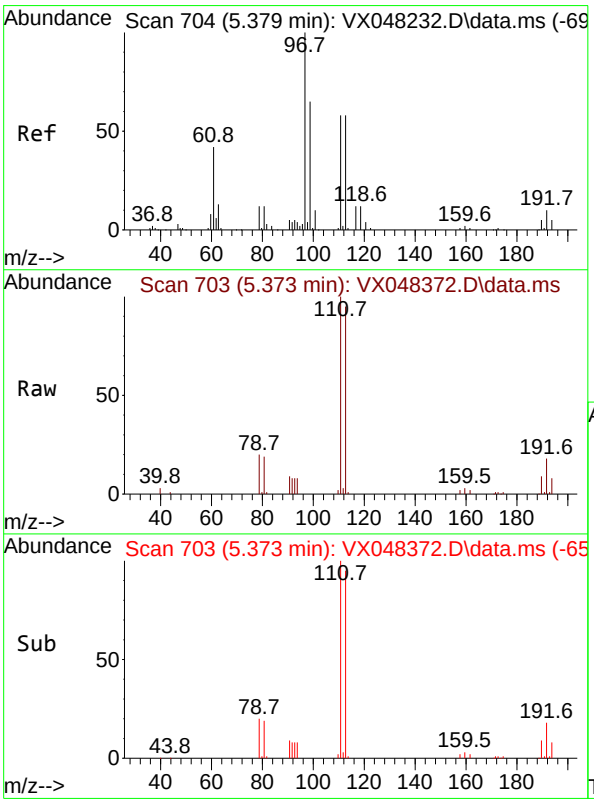
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX048372.D
Acq: 27 Oct 2025 15:23

Instrument :
MSVOA_X
ClientSampleId :
SB-18DL

Tgt Ion:114 Resp: 308759

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	43.2
88	16.5	0.0	33.6

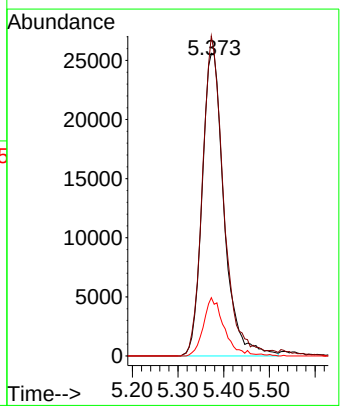


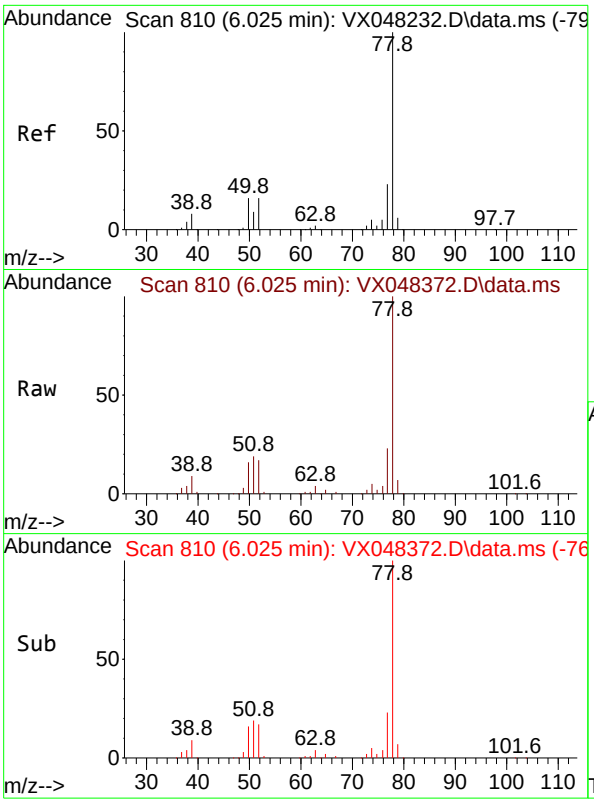


#35
Dibromofluoromethane
Concen: 40.517 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048372.D
Acq: 27 Oct 2025 15:23

Tgt Ion:113 Resp: 85404

Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.2	123.4
192	18.3	15.1	22.7



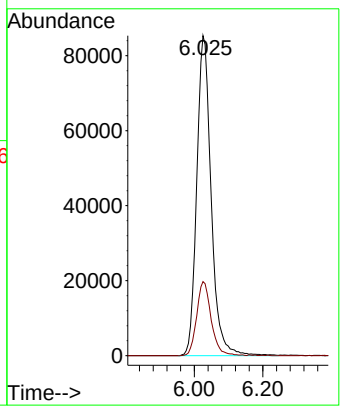


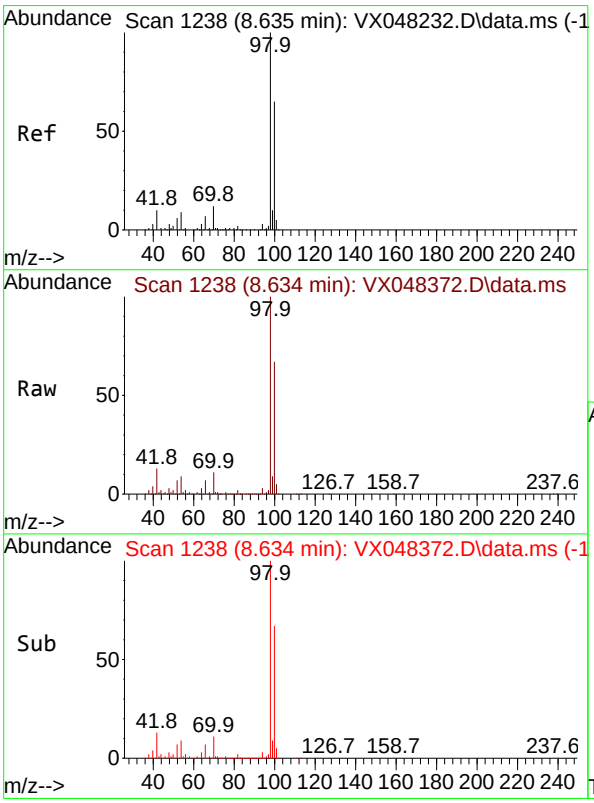
#40
Benzene
Concen: 28.695 ug/l
RT: 6.025 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX048372.D
Acq: 27 Oct 2025 15:23

Instrument :
MSVOA_X
ClientSampleId :
SB-18DL

Tgt Ion: 78 Resp: 249601

Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.3	28.9

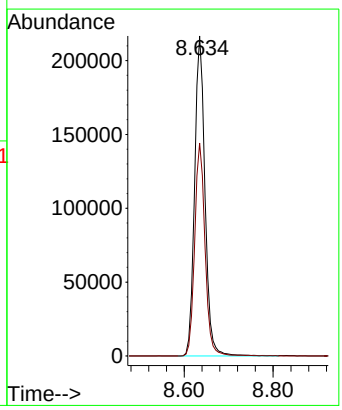


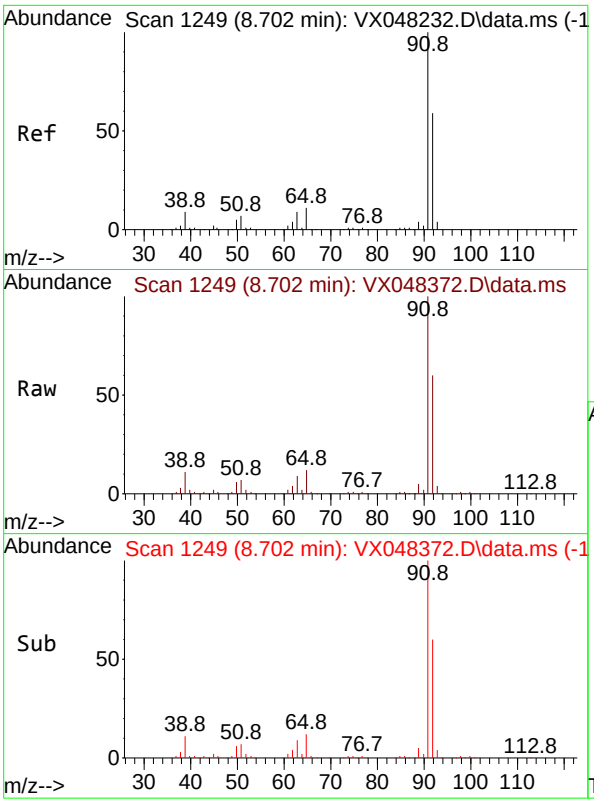


#50
Toluene-d8
Concen: 47.427 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048372.D
Acq: 27 Oct 2025 15:23

Tgt Ion: 98 Resp: 350408

Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.0	79.4



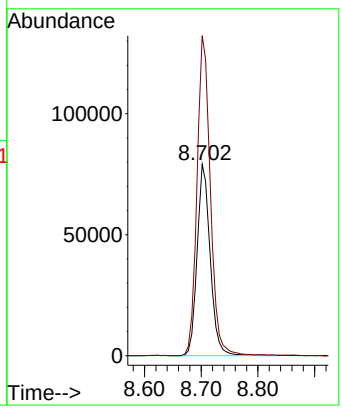


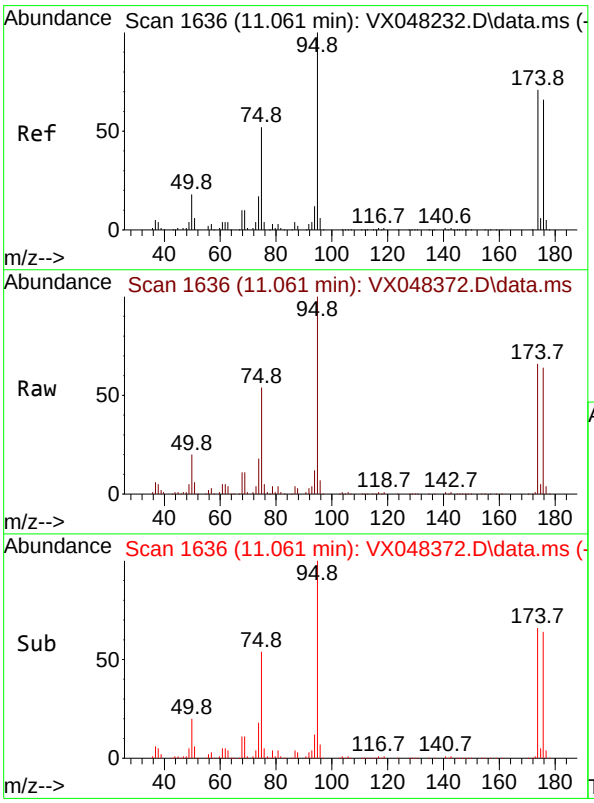
#52
Toluene
Concen: 22.966 ug/l
RT: 8.702 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048372.D
Acq: 27 Oct 2025 15:23

Instrument :
MSVOA_X
ClientSampleId :
SB-18DL

Tgt Ion: 92 Resp: 126910

Ion	Ratio	Lower	Upper
92	100		
91	170.9	136.1	204.1

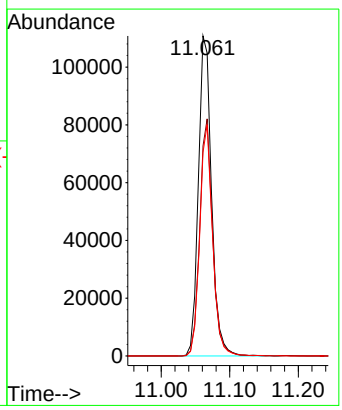


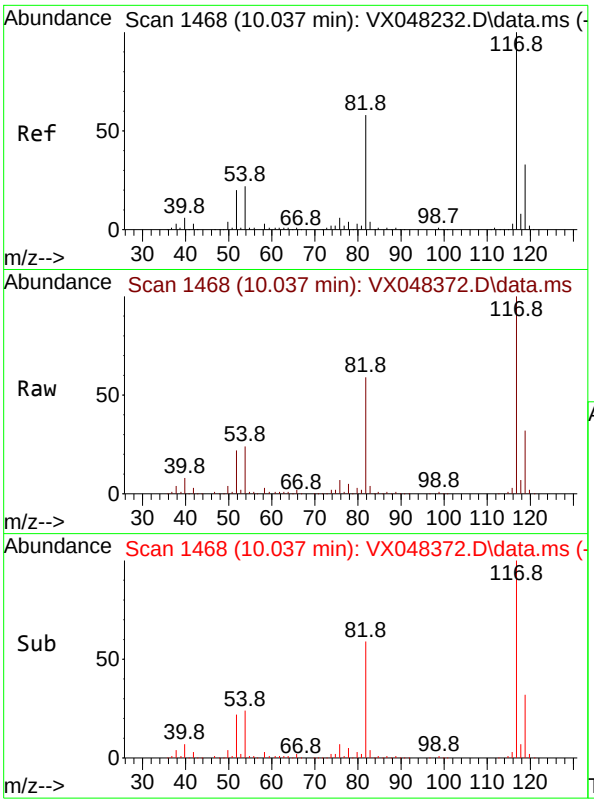


#62
4-Bromofluorobenzene
Concen: 52.837 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048372.D
Acq: 27 Oct 2025 15:23

Tgt Ion: 95 Resp: 148512

Ion	Ratio	Lower	Upper
95	100		
174	72.2	0.0	147.8
176	70.4	0.0	142.8



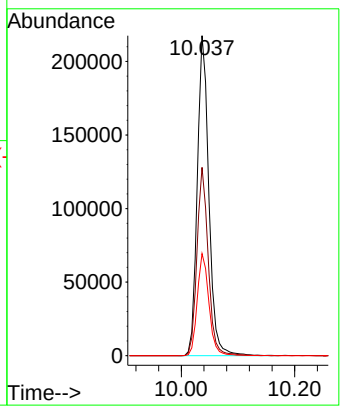


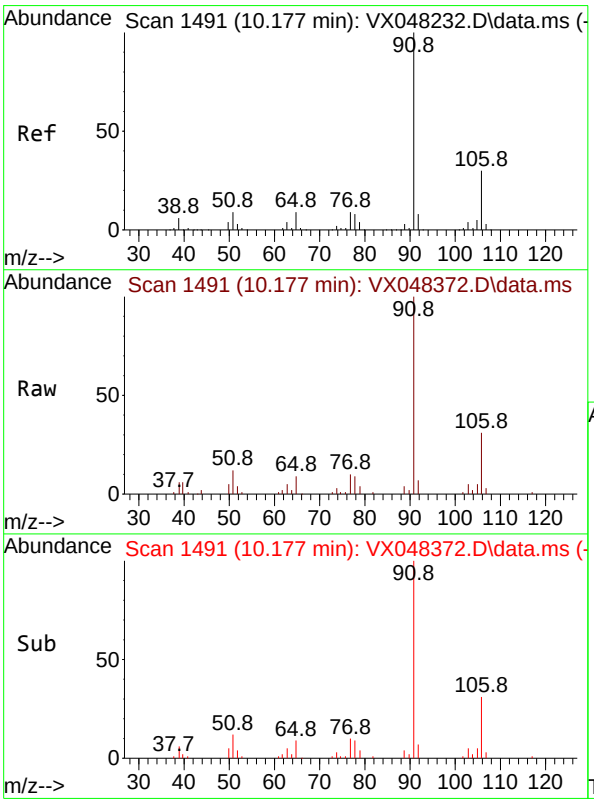
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048372.D
Acq: 27 Oct 2025 15:23

Instrument :
MSVOA_X
ClientSampleId :
SB-18DL

Tgt Ion:117 Resp: 307218

Ion	Ratio	Lower	Upper
117	100		
82	58.9	46.5	69.7
119	31.9	25.9	38.9

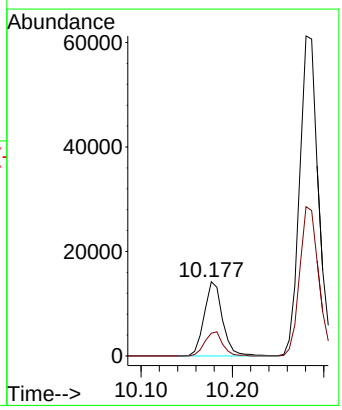


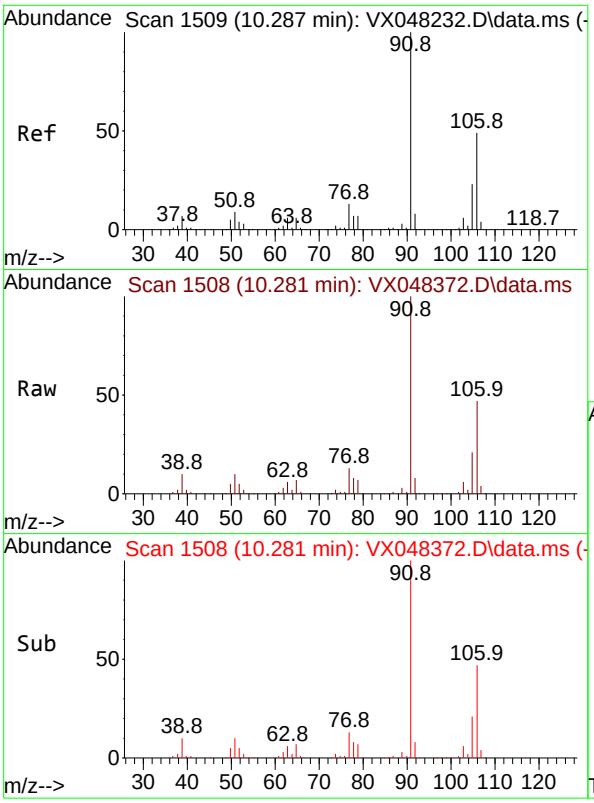


#67
Ethyl Benzene
Concen: 1.684 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048372.D
Acq: 27 Oct 2025 15:23

Tgt Ion: 91 Resp: 19813

Ion	Ratio	Lower	Upper
91	100		
106	30.6	23.8	35.6



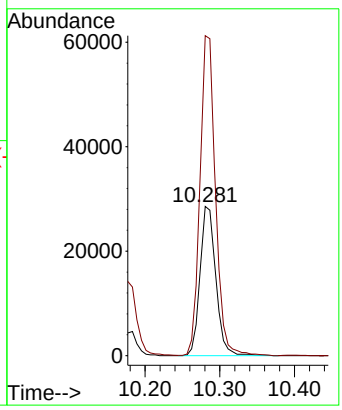


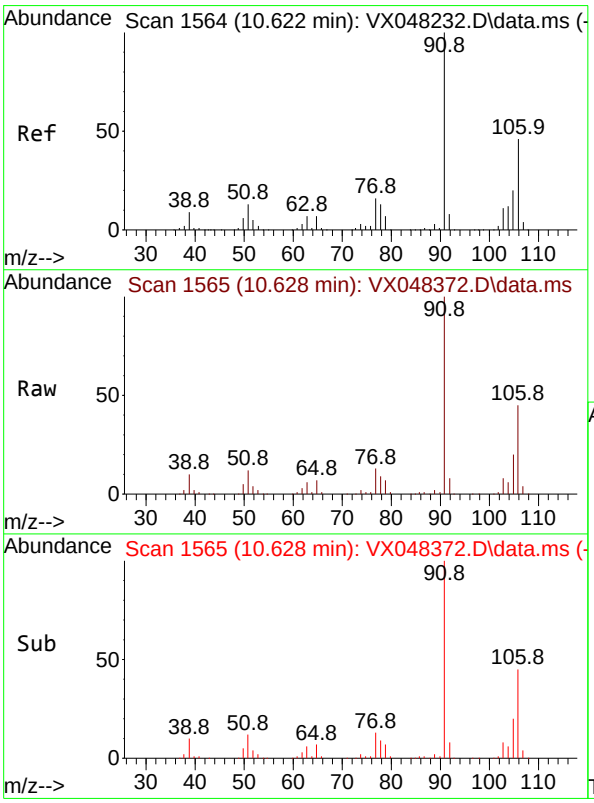
#68
m/p-Xylenes
Concen: 9.578 ug/l
RT: 10.281 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048372.D
Acq: 27 Oct 2025 15:23

Instrument :
MSVOA_X
ClientSampleId :
SB-18DL

Tgt Ion:106 Resp: 41873

Ion	Ratio	Lower	Upper
106	100		
91	211.0	167.9	251.9

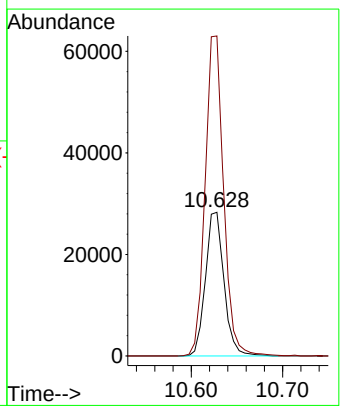


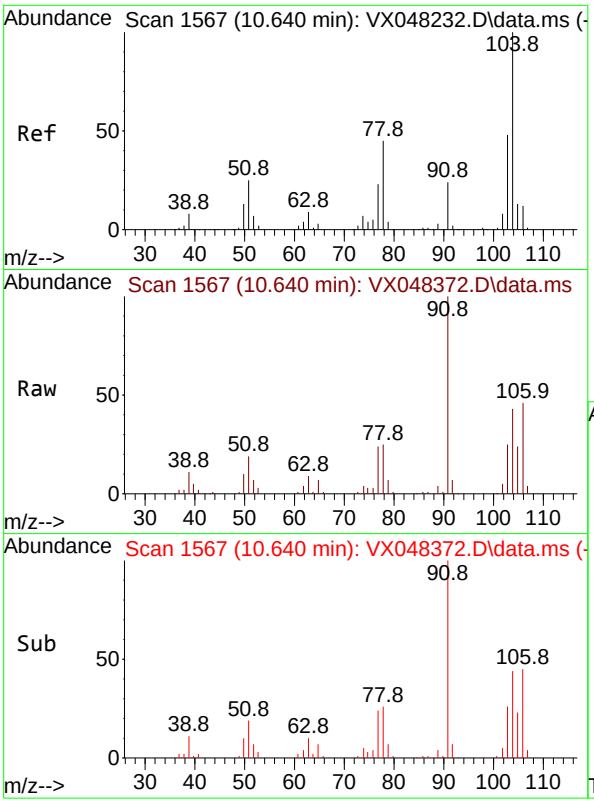


#69
o-Xylene
Concen: 9.440 ug/l
RT: 10.628 min Scan# 1565
Delta R.T. 0.006 min
Lab File: VX048372.D
Acq: 27 Oct 2025 15:23

Tgt Ion:106 Resp: 39844

Ion	Ratio	Lower	Upper
106	100		
91	221.3	111.3	333.9



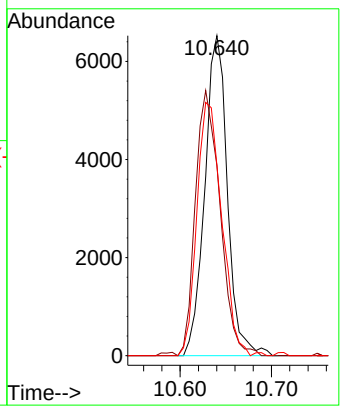


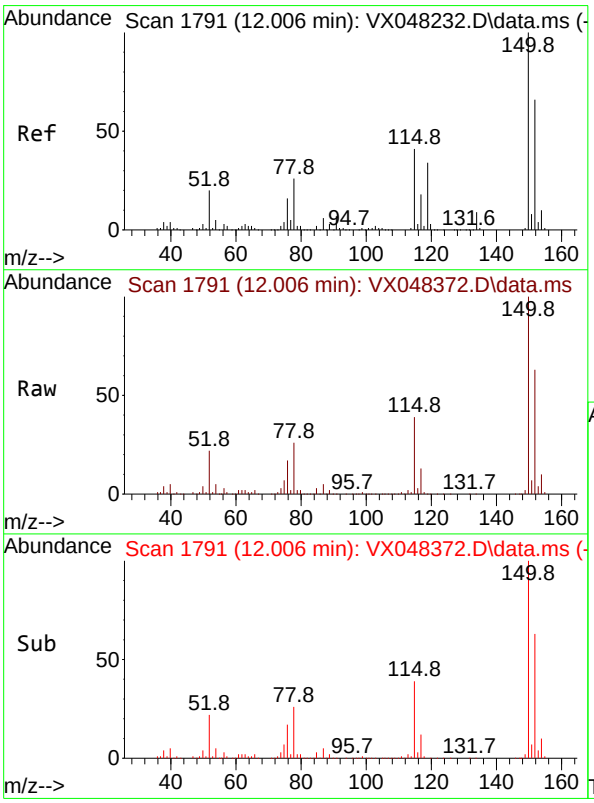
#70
Styrene
Concen: 1.560 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048372.D
Acq: 27 Oct 2025 15:23

Instrument :
MSVOA_X
ClientSampleId :
SB-18DL

Tgt Ion:104 Resp: 11213

Ion	Ratio	Lower	Upper
104	100		
78	90.9	42.2	63.4#
103	87.3	43.0	64.4#

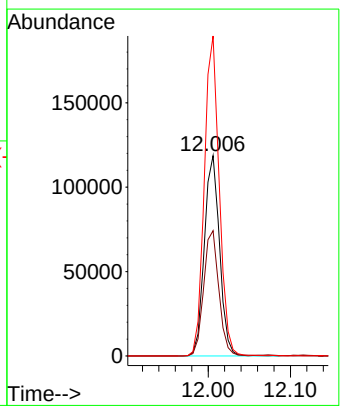


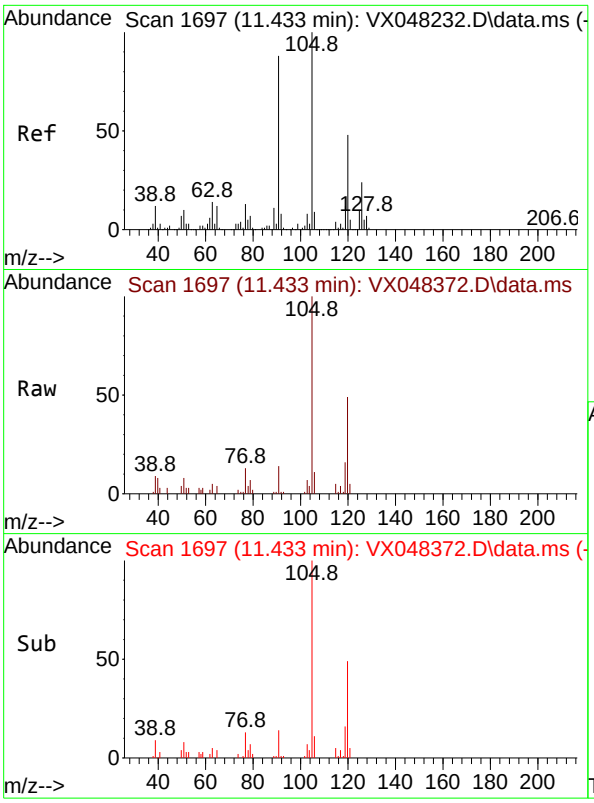


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048372.D
Acq: 27 Oct 2025 15:23

Tgt Ion:152 Resp: 152467

Ion	Ratio	Lower	Upper
152	100		
115	62.4	43.1	129.4
150	156.4	0.0	353.0



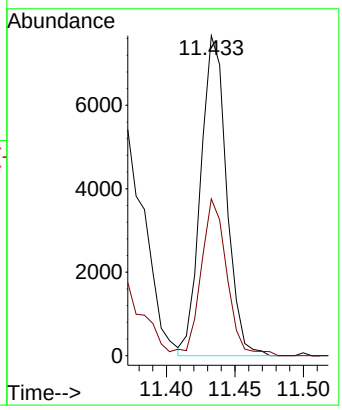


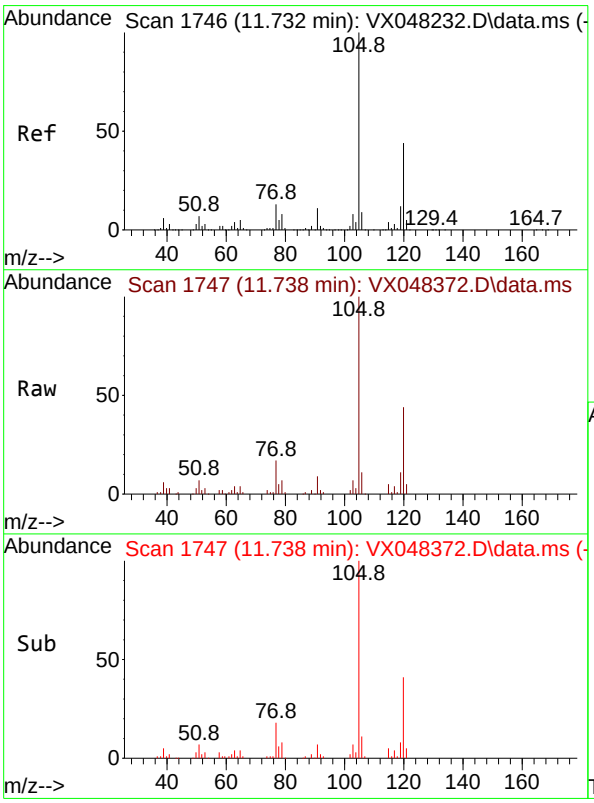
#80
1,3,5-Trimethylbenzene
Concen: 1.090 ug/l
RT: 11.433 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048372.D
Acq: 27 Oct 2025 15:23

Instrument :
MSVOA_X
ClientSampleId :
SB-18DL

Tgt Ion:105 Resp: 10047

Ion	Ratio	Lower	Upper
105	100		
120	48.9	24.0	72.0

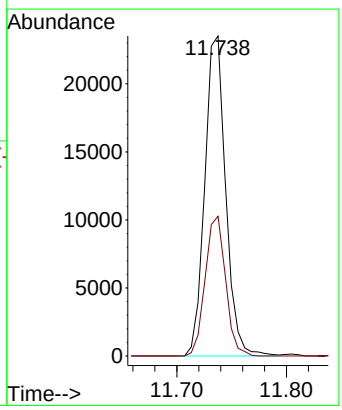


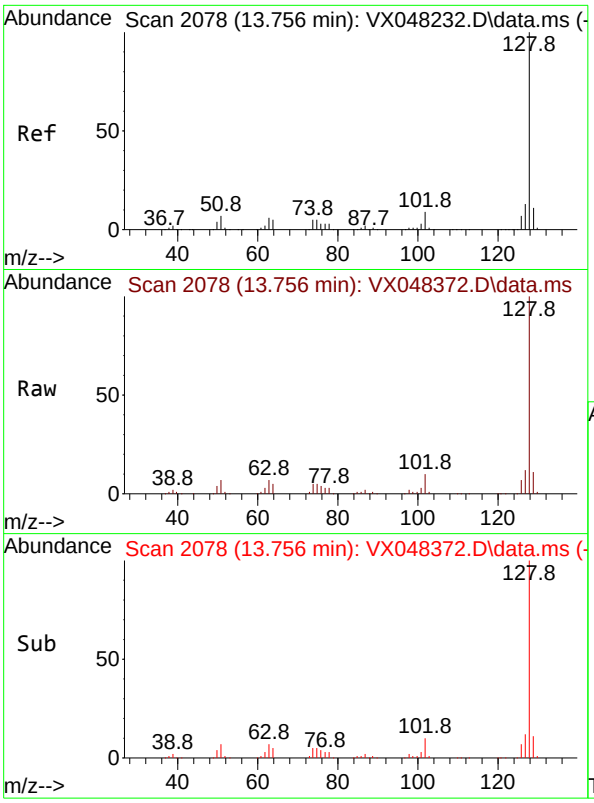


#84
1,2,4-Trimethylbenzene
Concen: 3.392 ug/l
RT: 11.738 min Scan# 1747
Delta R.T. 0.006 min
Lab File: VX048372.D
Acq: 27 Oct 2025 15:23

Tgt Ion:105 Resp: 31200

Ion	Ratio	Lower	Upper
105	100		
120	42.6	22.1	66.5





#95
Naphthalene
Concen: 17.580 ug/l
RT: 13.756 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048372.D
Acq: 27 Oct 2025 15:23

Instrument :
MSVOA_X
ClientSampleId :
SB-18DL

Tgt Ion:128 Resp: 155674

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.4
129	10.9	8.6	12.8