

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102725\
 Data File : VX048371.D
 Acq On : 27 Oct 2025 15:02
 Operator : JC/MD
 Sample : Q3446-04DL 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-17DL

Quant Time: Oct 28 01:54:46 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)

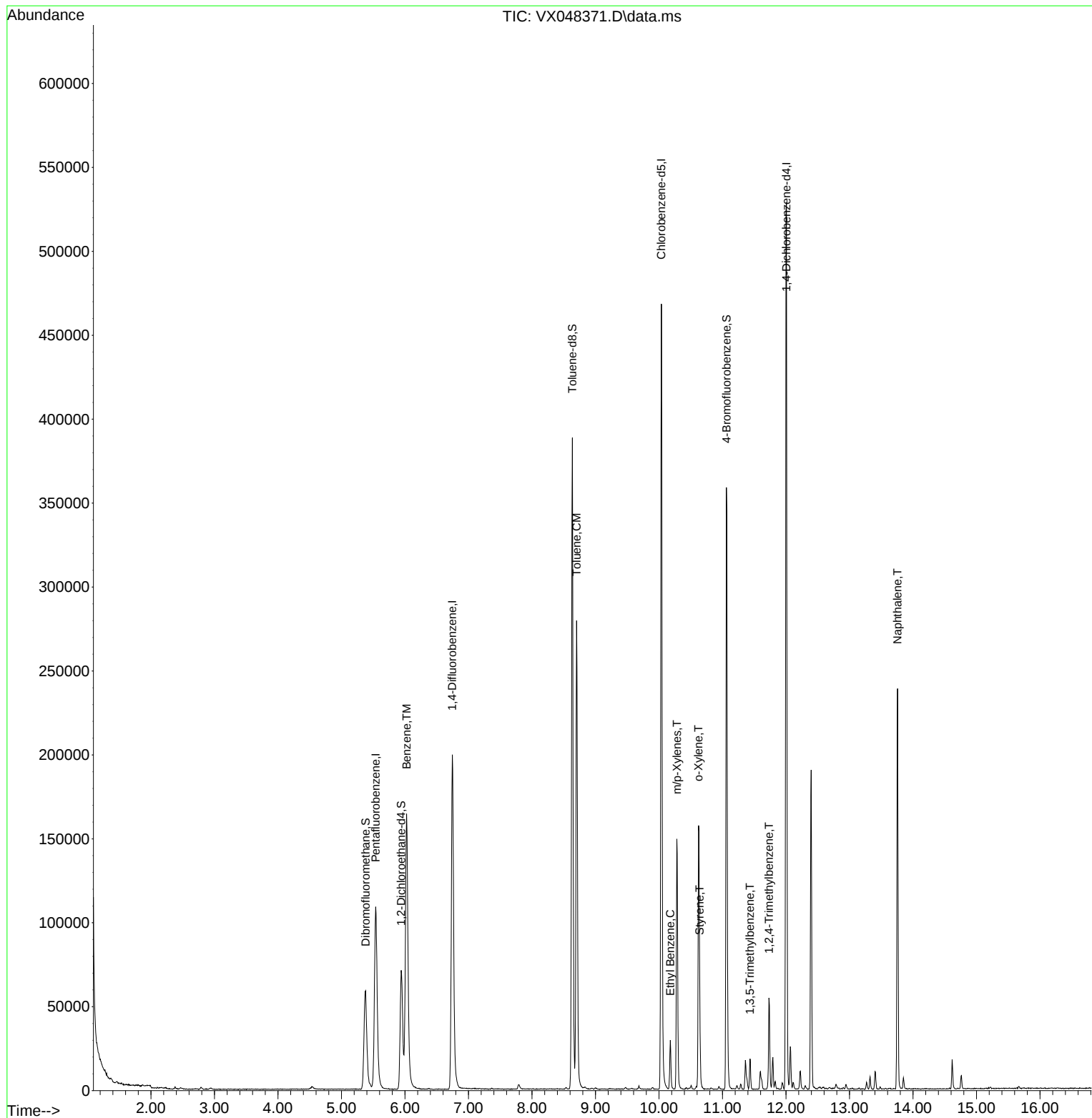
Internal Standards						
1) Pentafluorobenzene	5.538	168	106862	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	213664	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	220110	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	111422	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	80650	53.828	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	107.660%
35) Dibromofluoromethane	5.379	113	57666	39.533	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	79.060%
50) Toluene-d8	8.635	98	235052	45.973	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.940%#
62) 4-Bromofluorobenzene	11.061	95	103086	52.999	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.000%
Target Compounds						
40) Benzene	6.025	78	207008	34.391	ug/l	Qvalue 98
52) Toluene	8.702	92	108812	28.455	ug/l	99
67) Ethyl Benzene	10.177	91	16810	1.994	ug/l	100
68) m/p-Xylenes	10.281	106	35879	11.455	ug/l	99
69) o-Xylene	10.622	106	32137	10.627	ug/l	98
70) Styrene	10.640	104	15630	3.036	ug/l #	70
80) 1,3,5-Trimethylbenzene	11.433	105	8177	1.214	ug/l	98
84) 1,2,4-Trimethylbenzene	11.732	105	24283	3.613	ug/l	97
95) Naphthalene	13.756	128	136788	21.138	ug/l	99

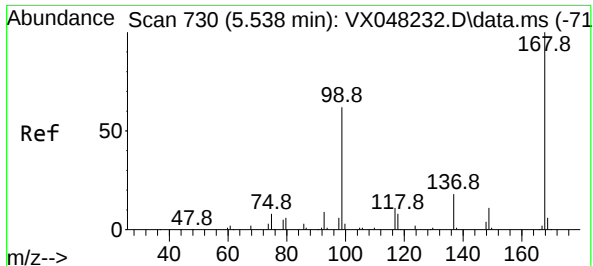
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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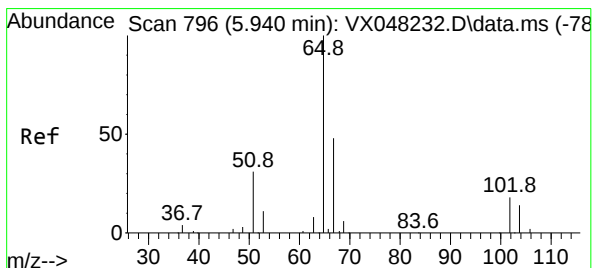
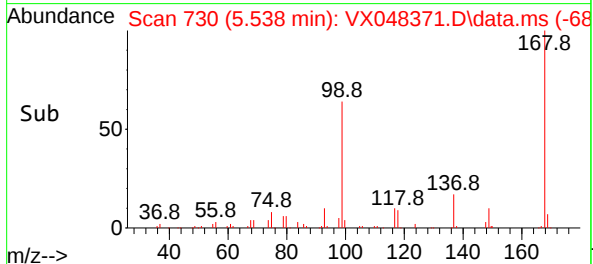
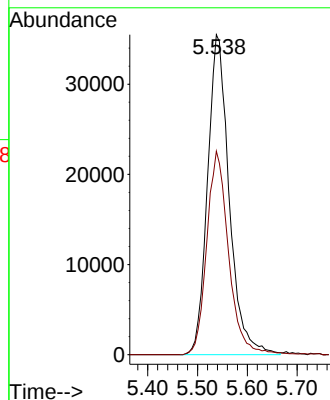
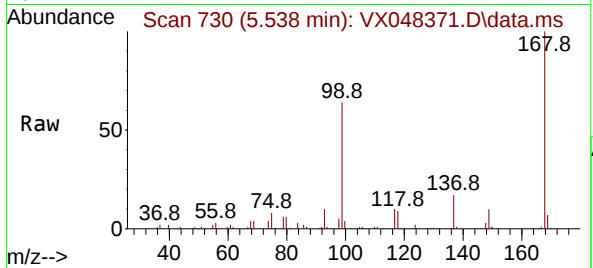




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048371.D
Acq: 27 Oct 2025 15:02

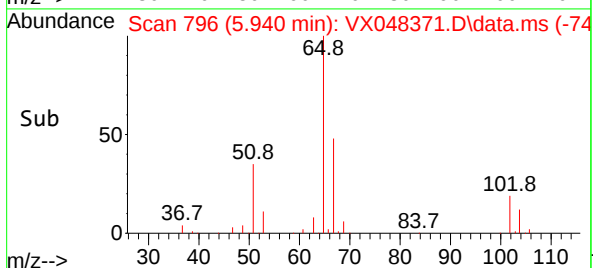
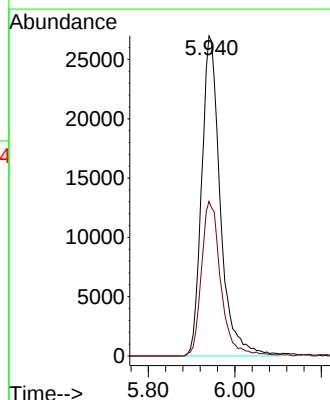
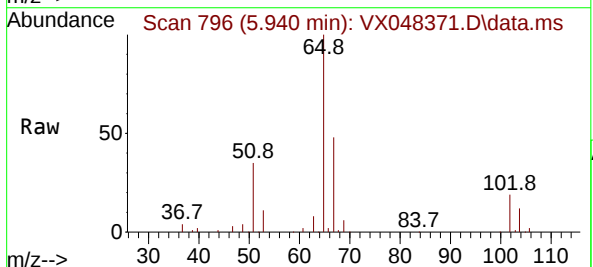
Instrument :
MSVOA_X
ClientSampleId :
SB-17DL

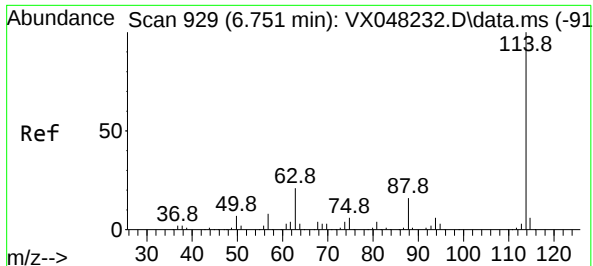
Tgt Ion:168 Resp: 106862
Ion Ratio Lower Upper
168 100
99 63.6 46.4 69.6



#33
1,2-Dichloroethane-d4
Concen: 53.828 ug/l
RT: 5.940 min Scan# 796
Delta R.T. 0.000 min
Lab File: VX048371.D
Acq: 27 Oct 2025 15:02

Tgt Ion: 65 Resp: 80650
Ion Ratio Lower Upper
65 100
67 50.0 0.0 105.0

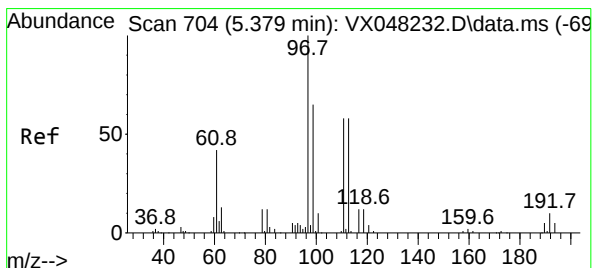
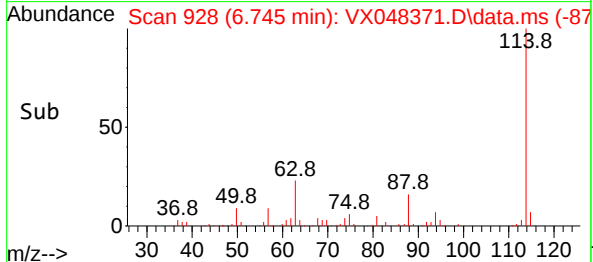
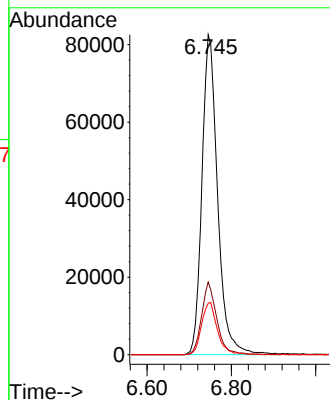
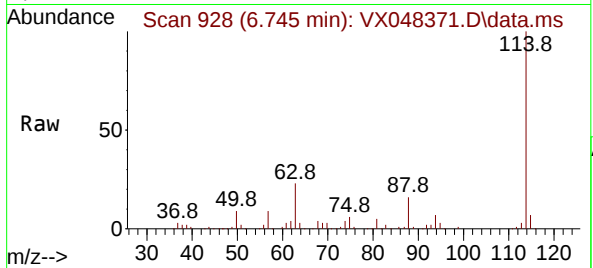




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048371.D
Acq: 27 Oct 2025 15:02

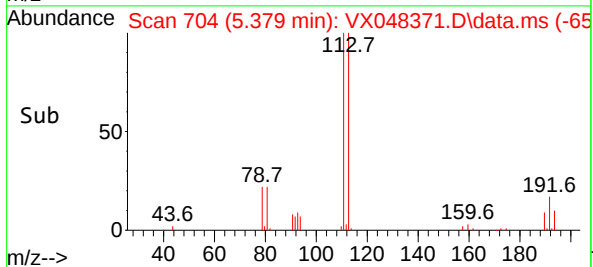
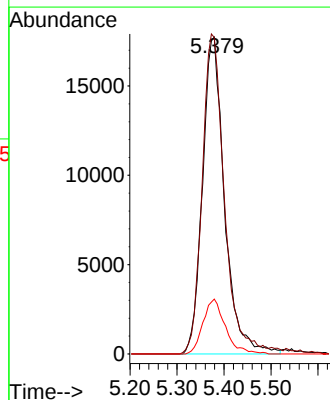
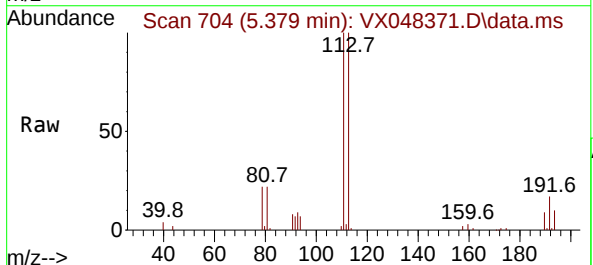
Instrument :
MSVOA_X
ClientSampleId :
SB-17DL

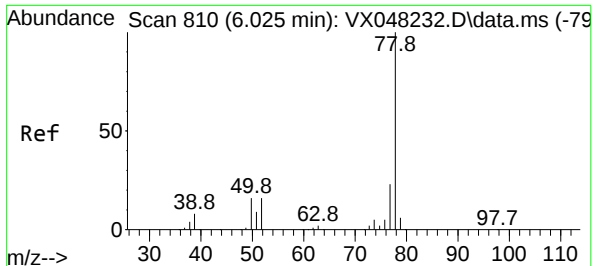
Tgt Ion:114 Resp: 213664
Ion Ratio Lower Upper
114 100
63 22.7 0.0 43.2
88 16.1 0.0 33.6



#35
Dibromofluoromethane
Concen: 39.533 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048371.D
Acq: 27 Oct 2025 15:02

Tgt Ion:113 Resp: 57666
Ion Ratio Lower Upper
113 100
111 101.5 82.2 123.4
192 17.7 15.1 22.7

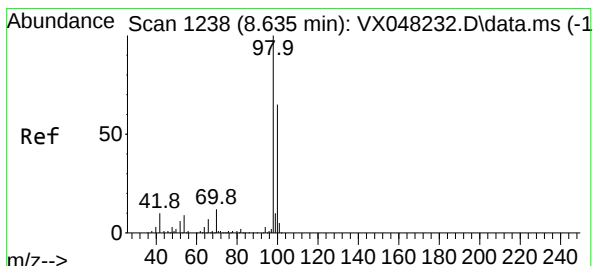
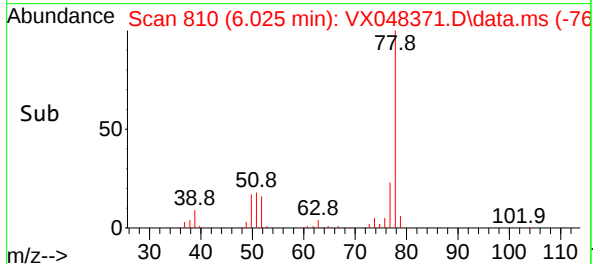
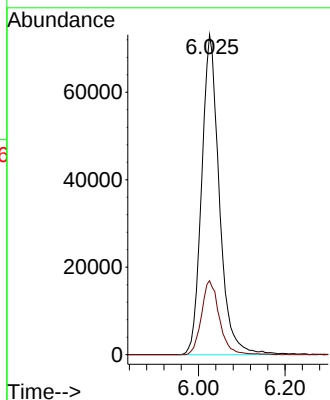
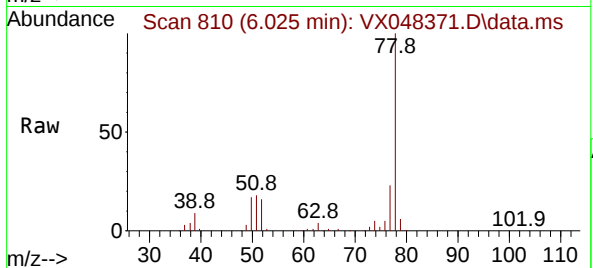




#40
Benzene
Concen: 34.391 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX048371.D
Acq: 27 Oct 2025 15:02

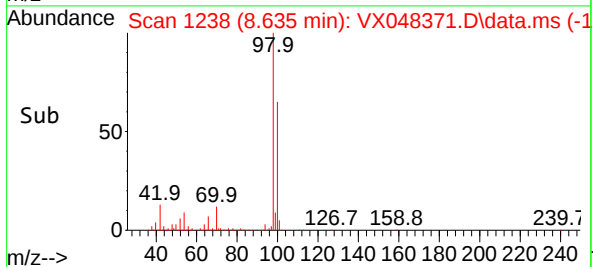
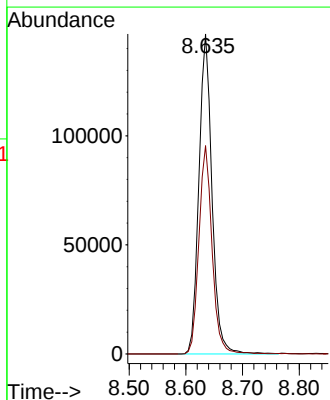
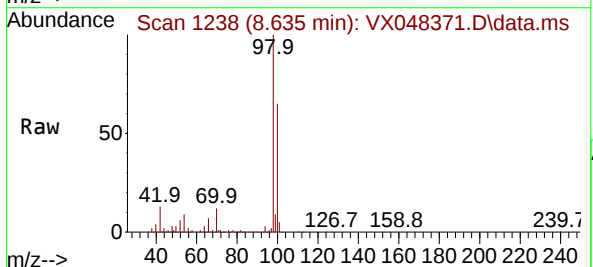
Instrument :
MSVOA_X
ClientSampleId :
SB-17DL

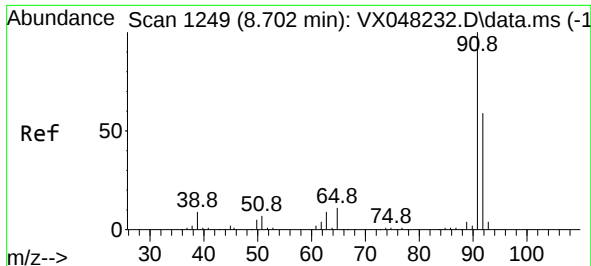
Tgt Ion: 78 Resp: 207008
Ion Ratio Lower Upper
78 100
77 23.1 19.3 28.9



#50
Toluene-d8
Concen: 45.973 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048371.D
Acq: 27 Oct 2025 15:02

Tgt Ion: 98 Resp: 235052
Ion Ratio Lower Upper
98 100
100 65.6 53.0 79.4

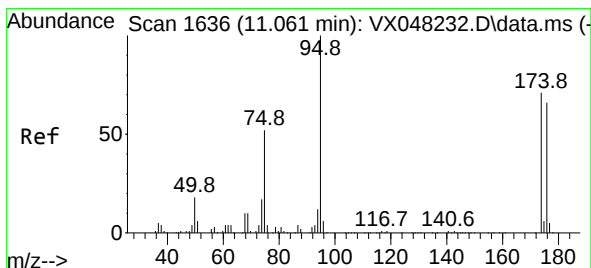
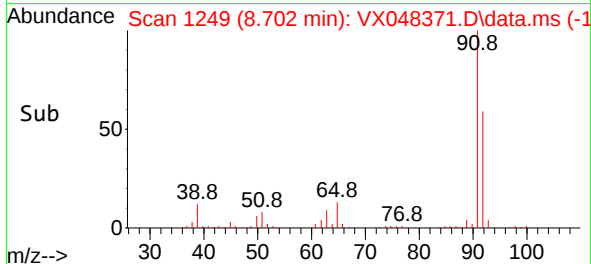
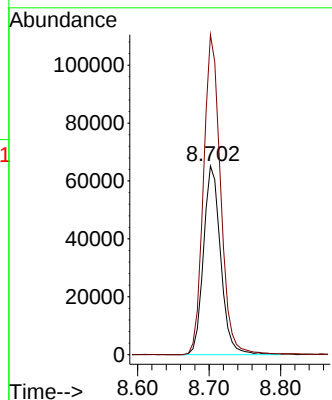
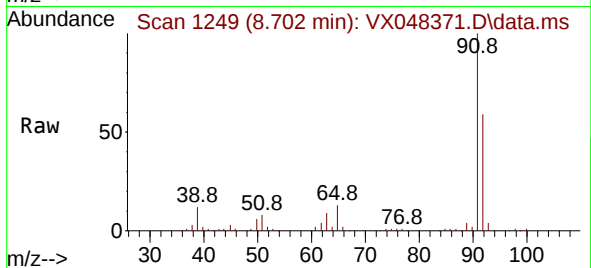




#52
Toluene
Concen: 28.455 ug/l
RT: 8.702 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048371.D
Acq: 27 Oct 2025 15:02

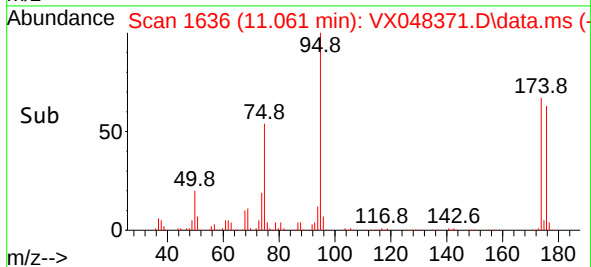
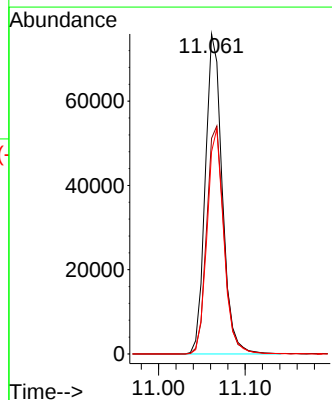
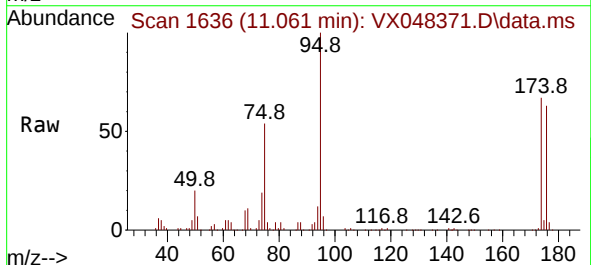
Instrument :
MSVOA_X
ClientSampleId :
SB-17DL

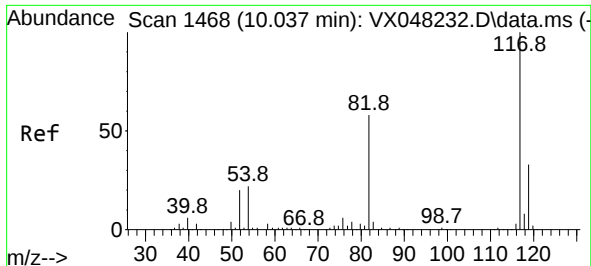
Tgt Ion: 92 Resp: 108812
Ion Ratio Lower Upper
92 100
91 168.8 136.1 204.1



#62
4-Bromofluorobenzene
Concen: 52.999 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048371.D
Acq: 27 Oct 2025 15:02

Tgt Ion: 95 Resp: 103086
Ion Ratio Lower Upper
95 100
174 73.1 0.0 147.8
176 69.6 0.0 142.8

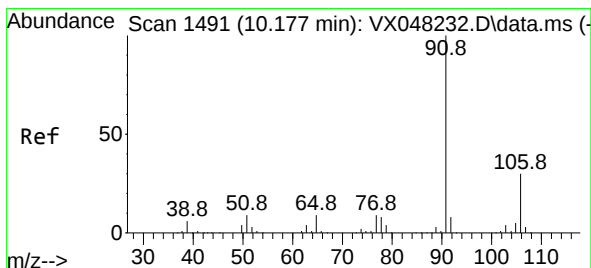
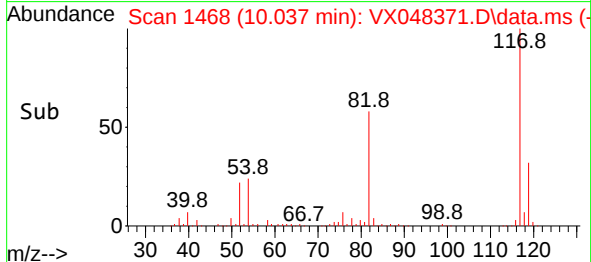
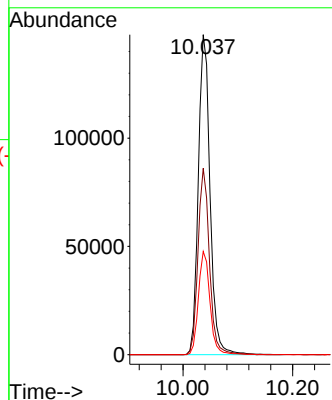
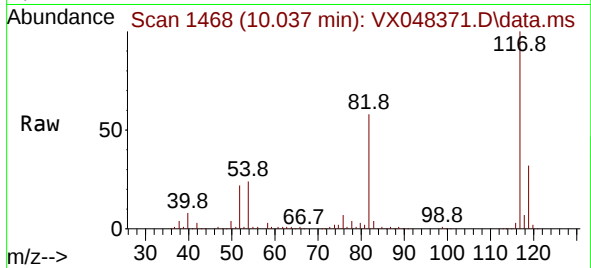




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048371.D
Acq: 27 Oct 2025 15:02

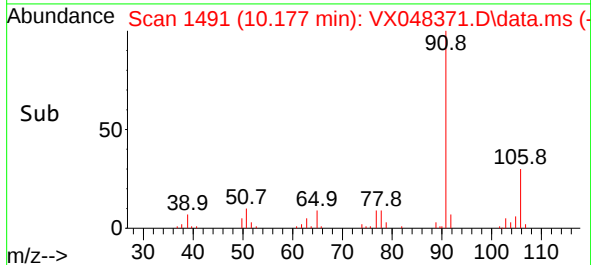
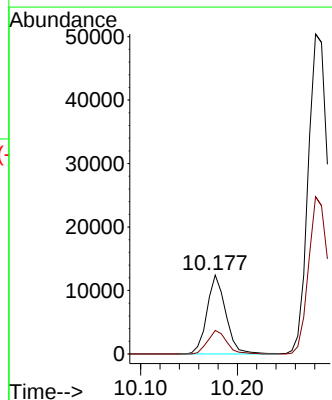
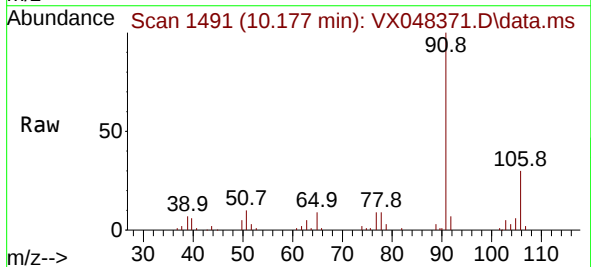
Instrument :
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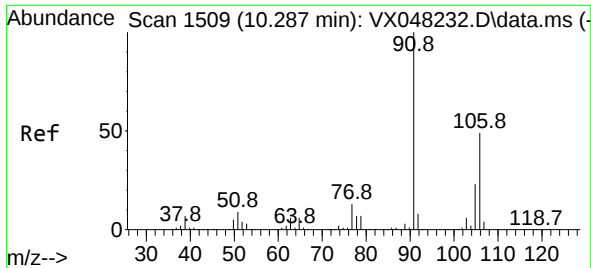
Tgt Ion:117 Resp: 220110
Ion Ratio Lower Upper
117 100
82 58.2 46.5 69.7
119 32.2 25.9 38.9



#67
Ethyl Benzene
Concen: 1.994 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VX048371.D
Acq: 27 Oct 2025 15:02

Tgt Ion: 91 Resp: 16810
Ion Ratio Lower Upper
91 100
106 29.8 23.8 35.6

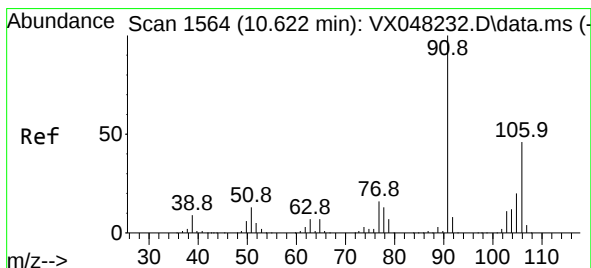
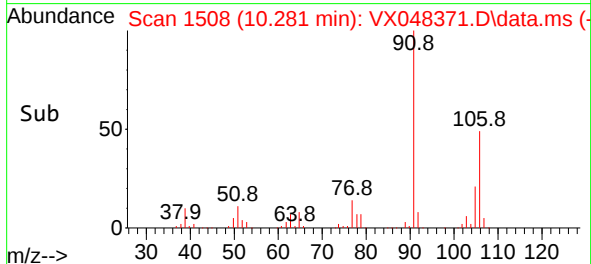
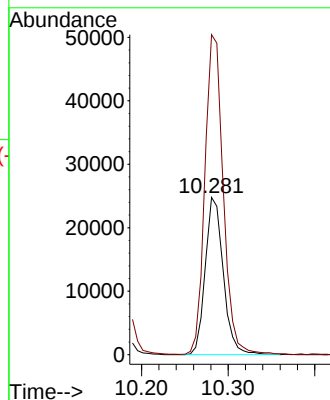
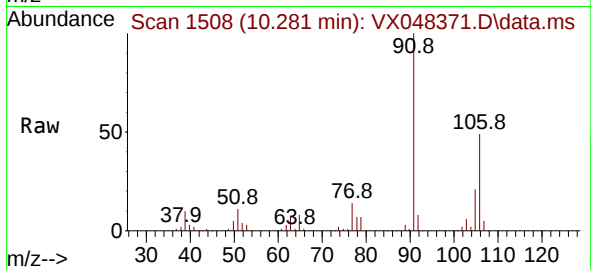




#68
m/p-Xylenes
Concen: 11.455 ug/l
RT: 10.281 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VX048371.D
Acq: 27 Oct 2025 15:02

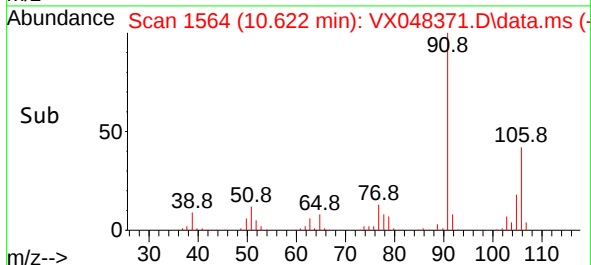
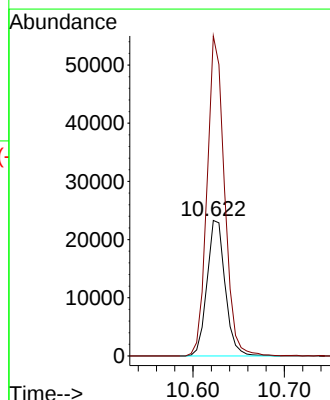
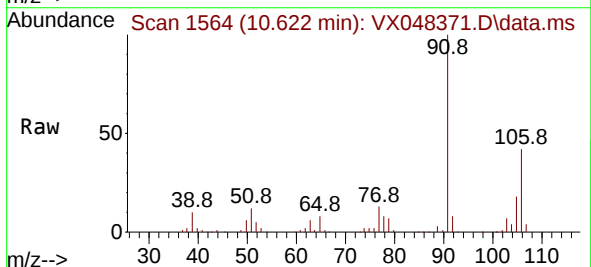
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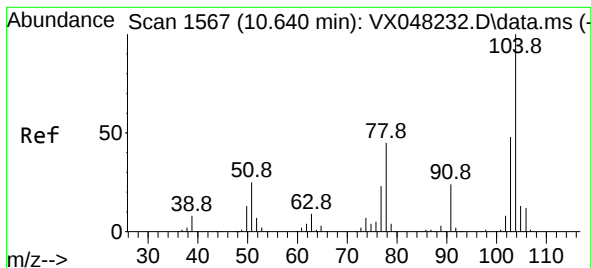
Tgt Ion:106 Resp: 35879
Ion Ratio Lower Upper
106 100
91 207.8 167.9 251.9



#69
o-Xylene
Concen: 10.627 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. 0.000 min
Lab File: VX048371.D
Acq: 27 Oct 2025 15:02

Tgt Ion:106 Resp: 32137
Ion Ratio Lower Upper
106 100
91 225.6 111.3 333.9





#70

Styrene

Concen: 3.036 ug/l

RT: 10.640 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX048371.D

Acq: 27 Oct 2025 15:02

Instrument :

MSVOA_X

ClientSampleId :

SB-17DL

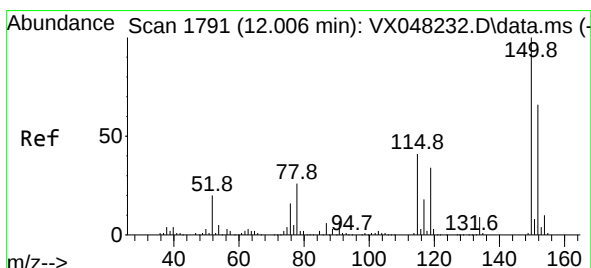
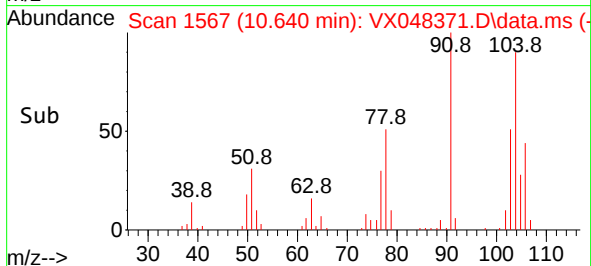
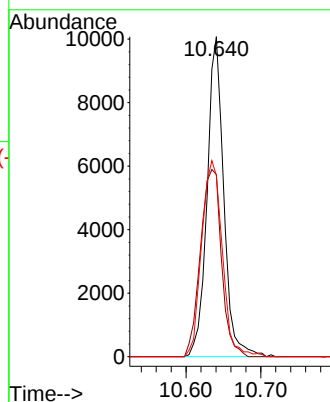
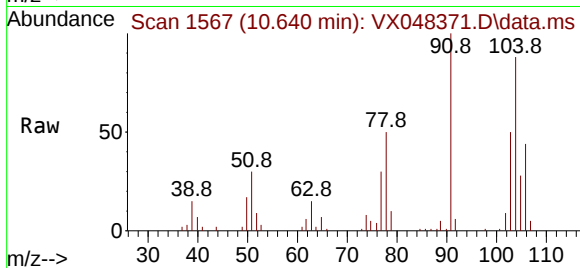
Tgt Ion:104 Resp: 15630

Ion Ratio Lower Upper

104 100

78 73.6 42.2 63.4#

103 75.8 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: VX048371.D

Acq: 27 Oct 2025 15:02

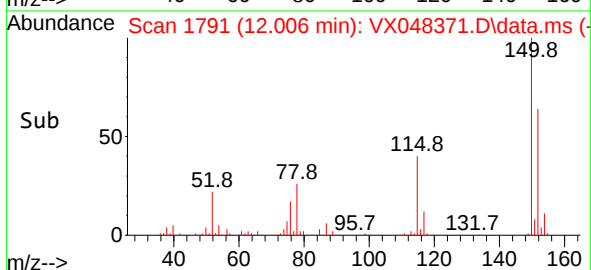
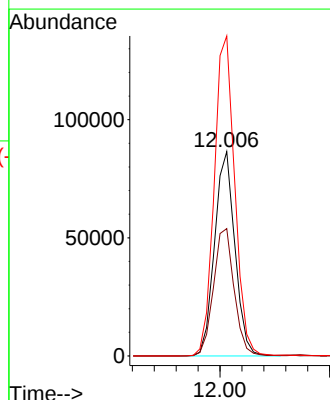
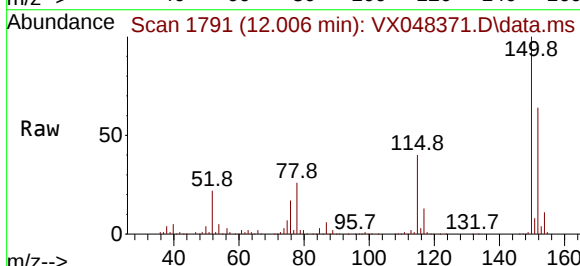
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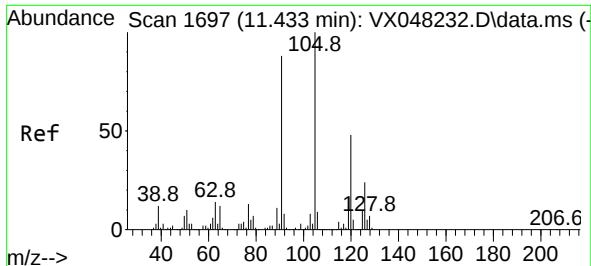
Ion Ratio Lower Upper

152 100

115 63.3 43.1 129.4

150 158.5 0.0 353.0

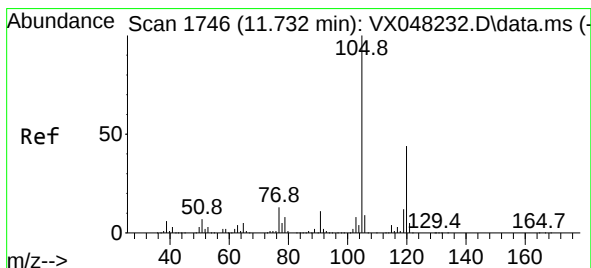
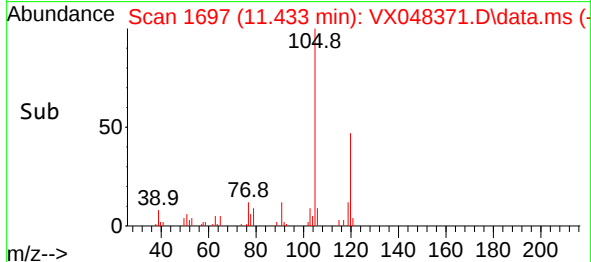
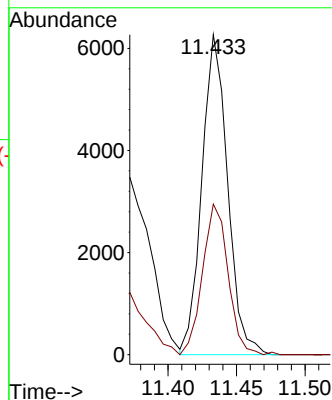
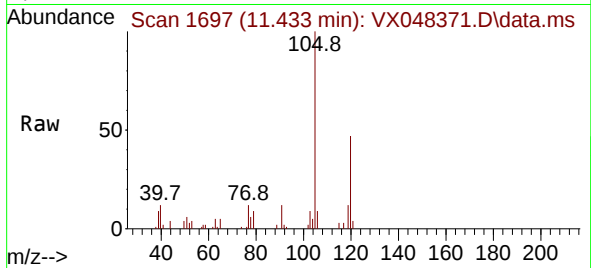




#80
1,3,5-Trimethylbenzene
Concen: 1.214 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX048371.D
Acq: 27 Oct 2025 15:02

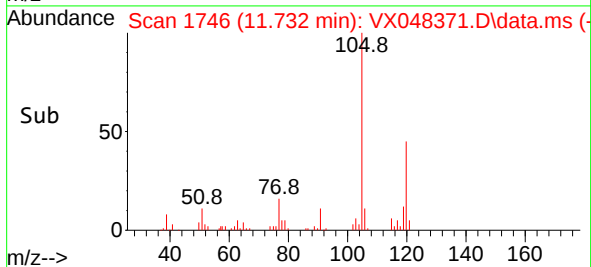
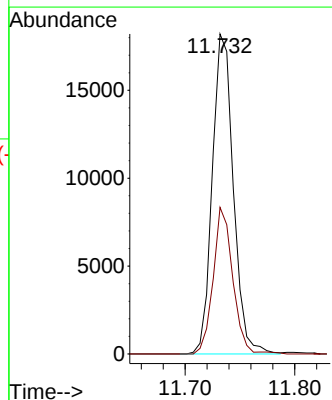
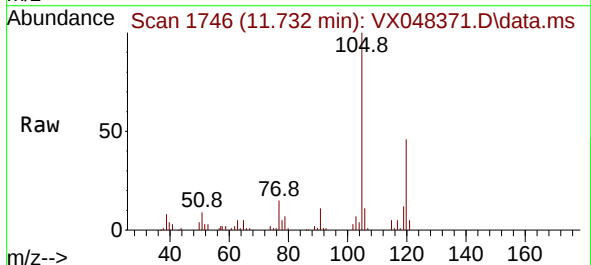
Instrument :
MSVOA_X
ClientSampleId :
SB-17DL

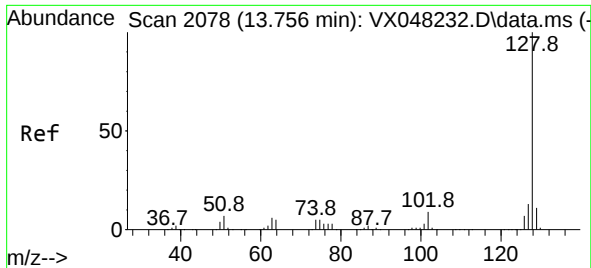
Tgt Ion:105 Resp: 8177
Ion Ratio Lower Upper
105 100
120 46.9 24.0 72.0



#84
1,2,4-Trimethylbenzene
Concen: 3.613 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VX048371.D
Acq: 27 Oct 2025 15:02

Tgt Ion:105 Resp: 24283
Ion Ratio Lower Upper
105 100
120 42.7 22.1 66.5





#95

Naphthalene

Concen: 21.138 ug/l

RT: 13.756 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX048371.D

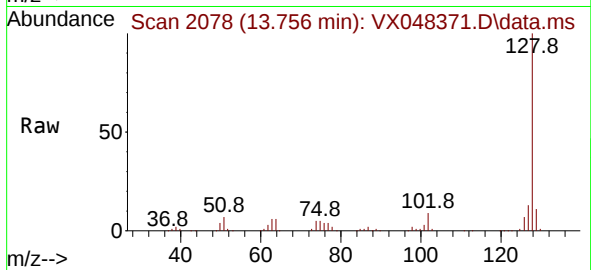
Acq: 27 Oct 2025 15:02

Instrument :

MSVOA_X

ClientSampleId :

SB-17DL



Tgt Ion:128 Resp: 136788

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.4

129 10.9 8.6 12.8

