

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102725\
 Data File : VX048369.D
 Acq On : 27 Oct 2025 14:21
 Operator : JC/MD
 Sample : Q3446-01DL 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-14DL

Quant Time: Oct 28 01:53:59 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	110557	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	220719	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	222784	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	116223	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	85731	55.307	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	110.620%
35) Dibromofluoromethane	5.367	113	58032	38.513	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	77.020%
50) Toluene-d8	8.635	98	237158	44.903	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	89.800%#
62) 4-Bromofluorobenzene	11.061	95	105582	52.547	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.100%

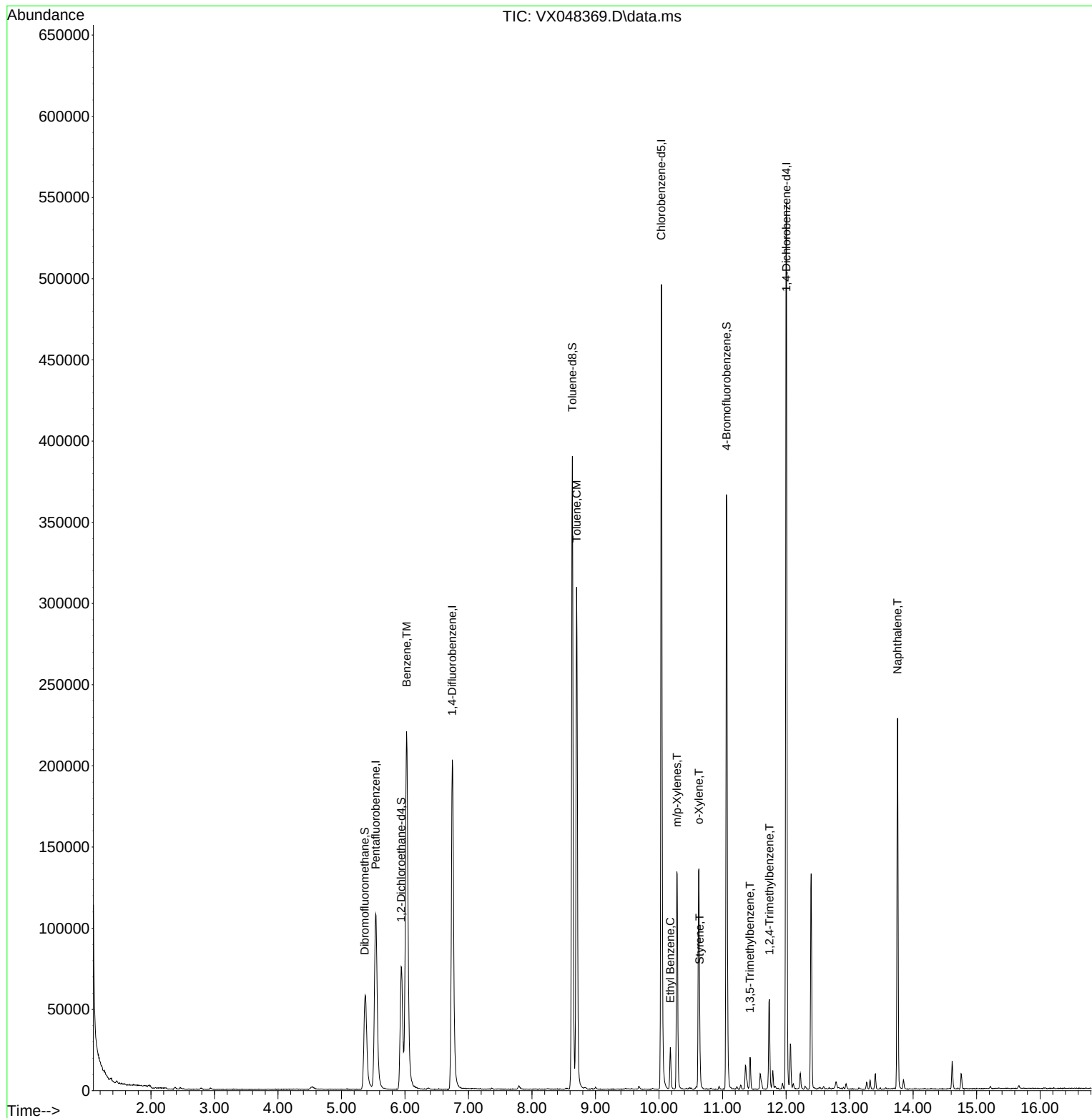
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
40) Benzene	6.025	78	281554	45.280	ug/l	99
52) Toluene	8.702	92	119856	30.341	ug/l	99
67) Ethyl Benzene	10.177	91	14646	1.716	ug/l	100
68) m/p-Xylenes	10.281	106	32580	10.277	ug/l	99
69) o-Xylene	10.628	106	30213	9.871	ug/l	100
70) Styrene	10.640	104	8336	1.600	ug/l #	43
80) 1,3,5-Trimethylbenzene	11.433	105	9291	1.323	ug/l	98
84) 1,2,4-Trimethylbenzene	11.738	105	24804	3.538	ug/l	97
95) Naphthalene	13.756	128	134876	19.982	ug/l	99

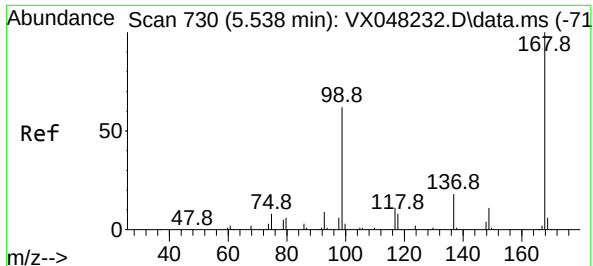
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

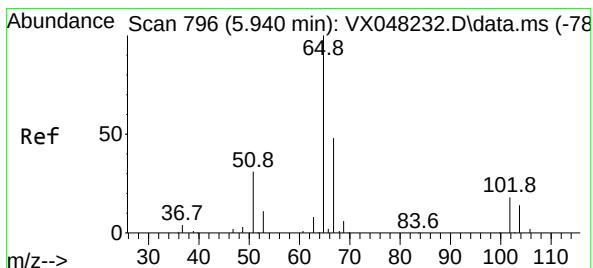
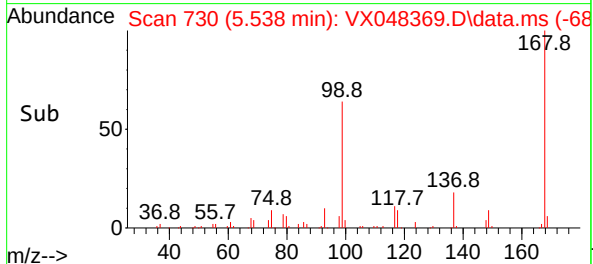
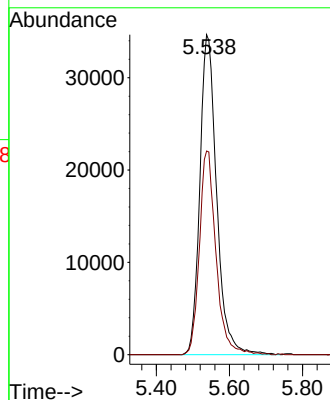
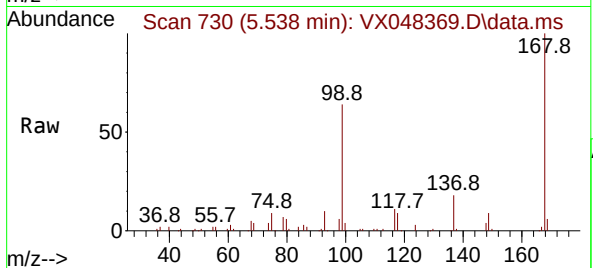




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048369.D
Acq: 27 Oct 2025 14:21

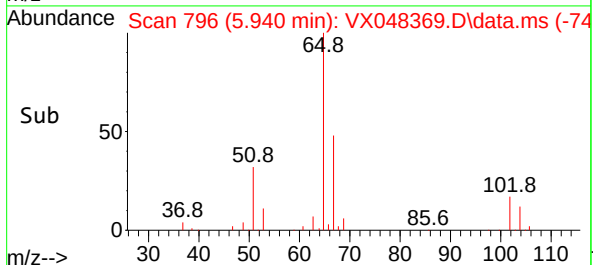
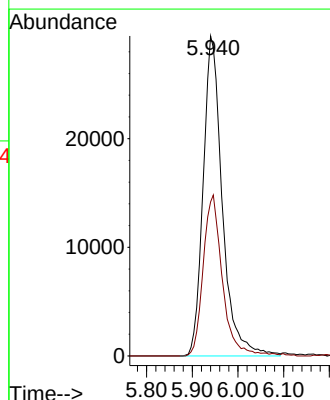
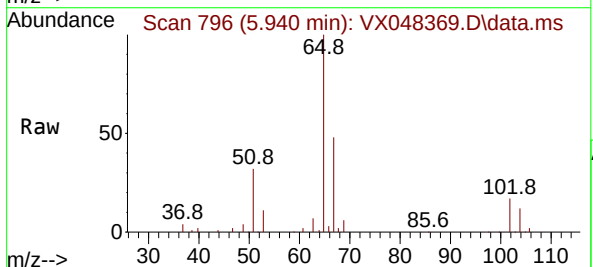
Instrument :
MSVOA_X
ClientSampleId :
SB-14DL

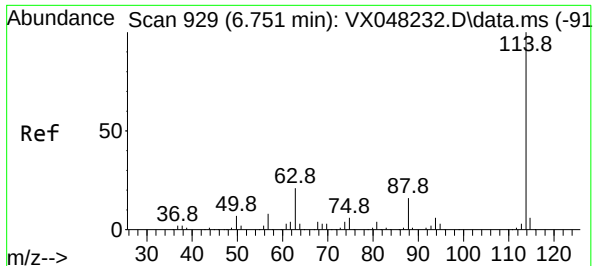
Tgt Ion:168 Resp: 110557
Ion Ratio Lower Upper
168 100
99 63.6 46.4 69.6



#33
1,2-Dichloroethane-d4
Concen: 55.307 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048369.D
Acq: 27 Oct 2025 14:21

Tgt Ion: 65 Resp: 85731
Ion Ratio Lower Upper
65 100
67 50.4 0.0 105.0

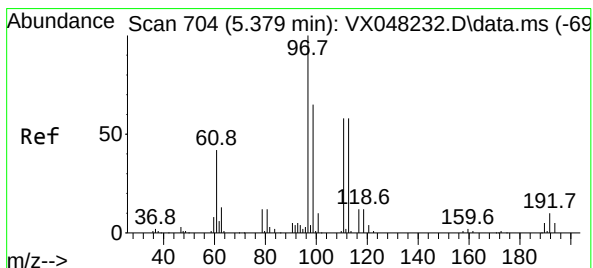
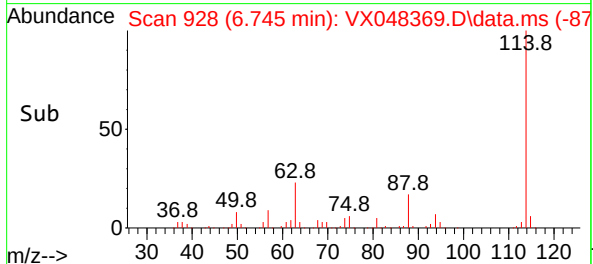
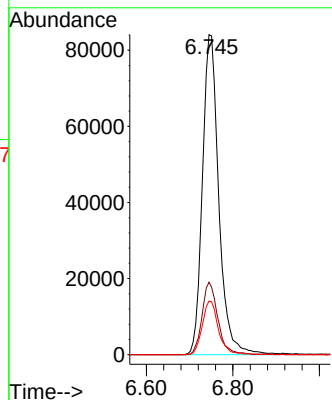
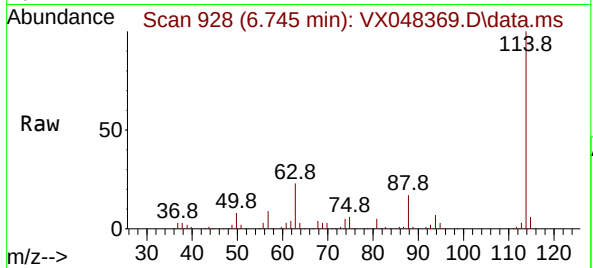




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048369.D
Acq: 27 Oct 2025 14:21

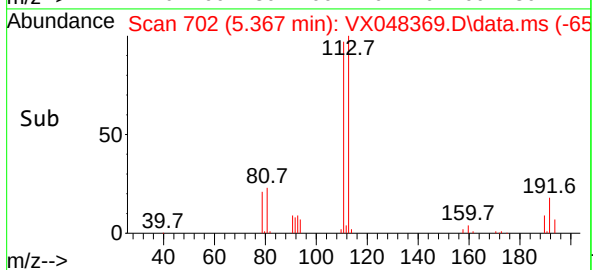
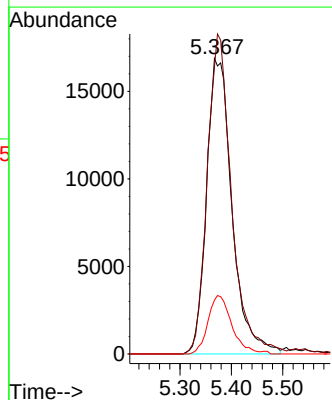
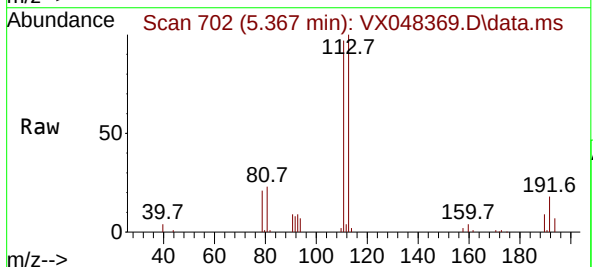
Instrument :
MSVOA_X
ClientSampleId :
SB-14DL

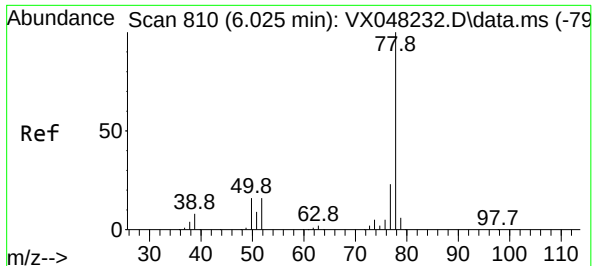
Tgt Ion:114 Resp: 220719
Ion Ratio Lower Upper
114 100
63 22.7 0.0 43.2
88 16.7 0.0 33.6



#35
Dibromofluoromethane
Concen: 38.513 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048369.D
Acq: 27 Oct 2025 14:21

Tgt Ion:113 Resp: 58032
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.4
192 18.6 15.1 22.7

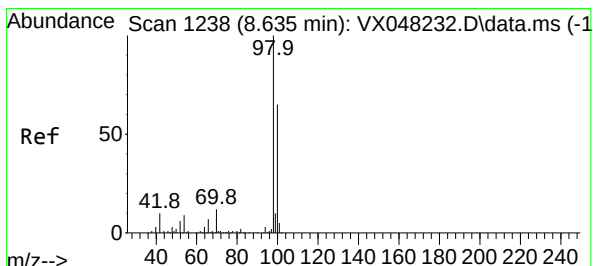
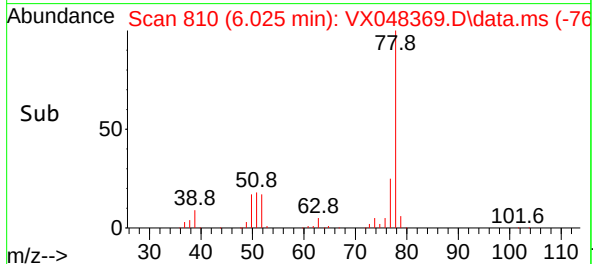
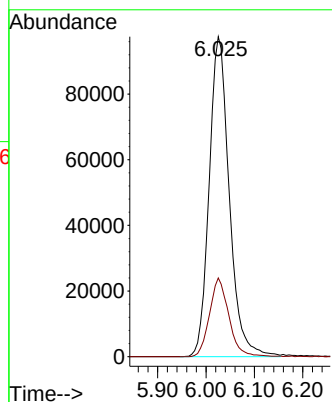
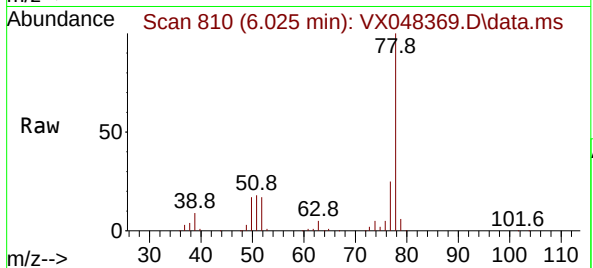




#40
Benzene
Concen: 45.280 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX048369.D
Acq: 27 Oct 2025 14:21

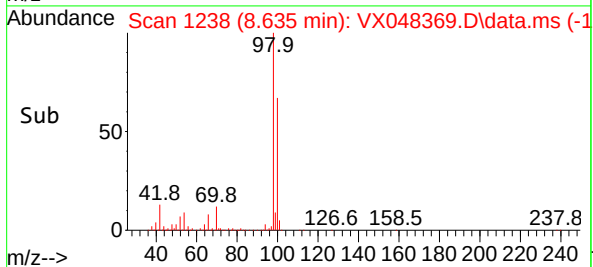
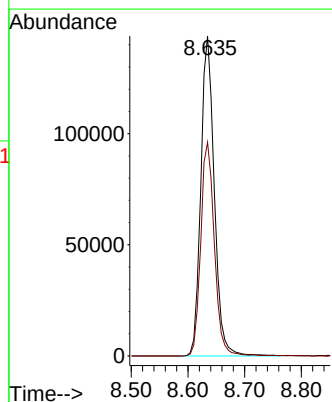
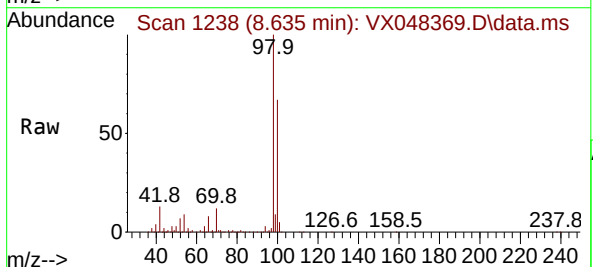
Instrument :
MSVOA_X
ClientSampleId :
SB-14DL

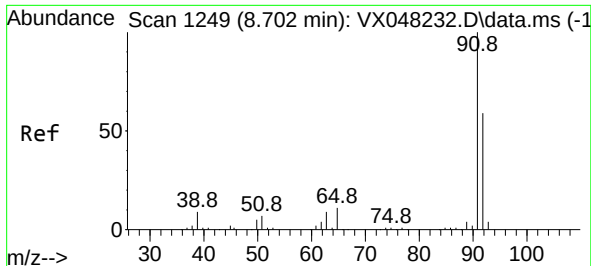
Tgt Ion: 78 Resp: 281554
Ion Ratio Lower Upper
78 100
77 24.6 19.3 28.9



#50
Toluene-d8
Concen: 44.903 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048369.D
Acq: 27 Oct 2025 14:21

Tgt Ion: 98 Resp: 237158
Ion Ratio Lower Upper
98 100
100 67.5 53.0 79.4

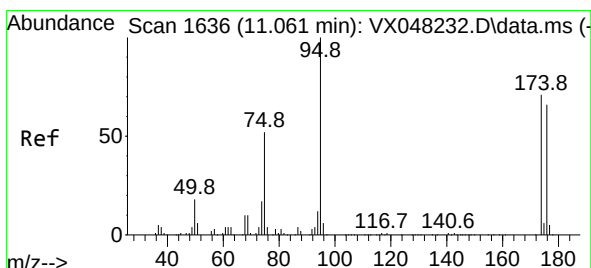
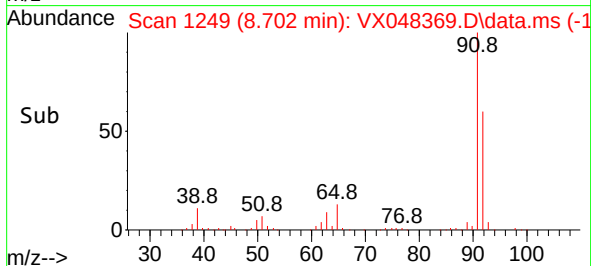
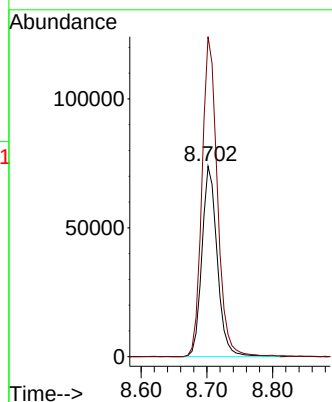
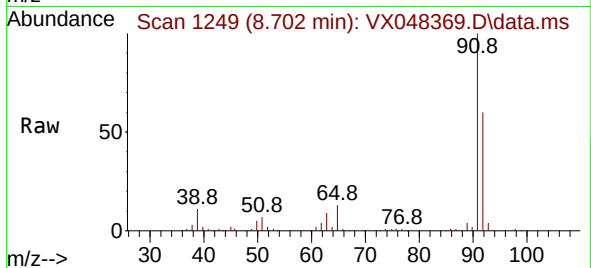




#52
Toluene
Concen: 30.341 ug/l
RT: 8.702 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048369.D
Acq: 27 Oct 2025 14:21

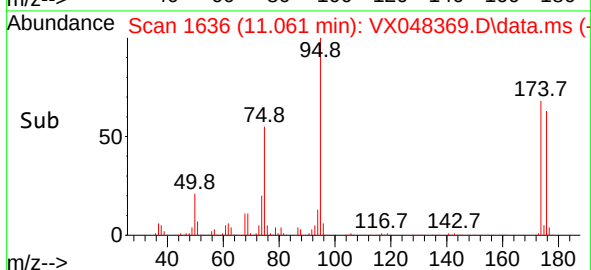
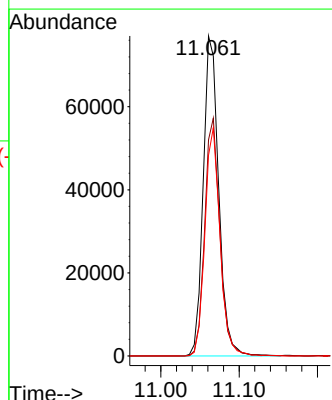
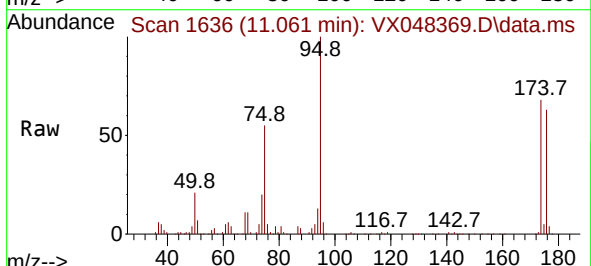
Instrument :
MSVOA_X
ClientSampleId :
SB-14DL

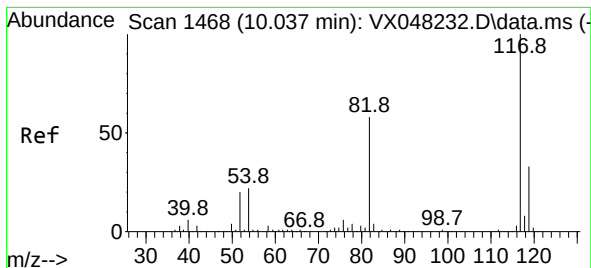
Tgt Ion: 92 Resp: 119856
Ion Ratio Lower Upper
92 100
91 168.8 136.1 204.1



#62
4-Bromofluorobenzene
Concen: 52.547 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048369.D
Acq: 27 Oct 2025 14:21

Tgt Ion: 95 Resp: 105582
Ion Ratio Lower Upper
95 100
174 73.2 0.0 147.8
176 69.8 0.0 142.8

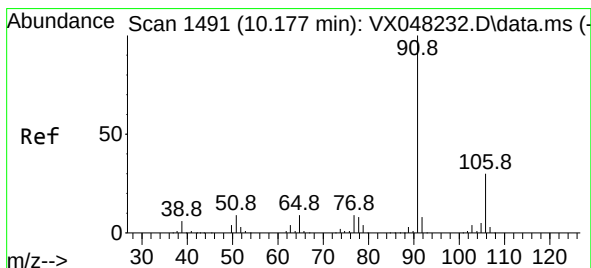
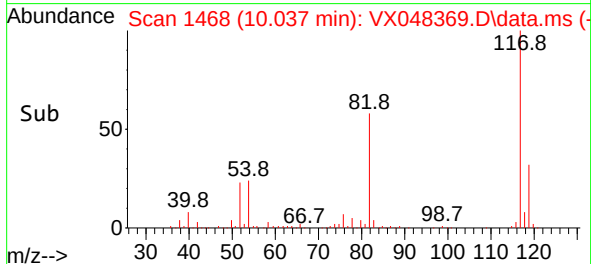
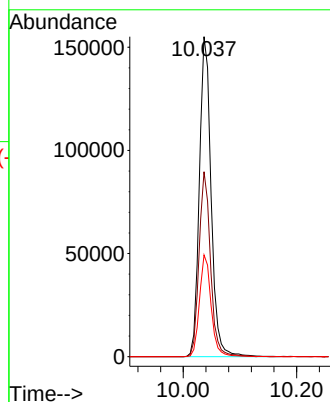
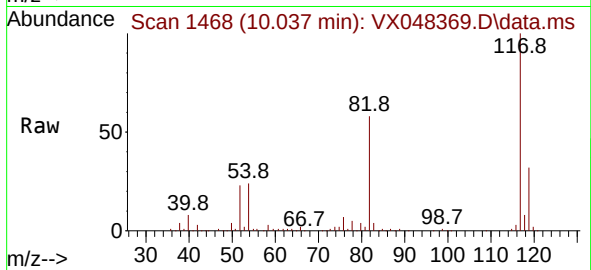




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048369.D
Acq: 27 Oct 2025 14:21

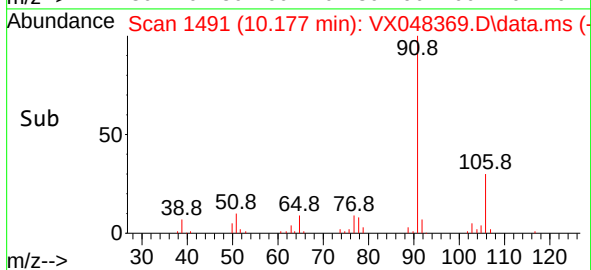
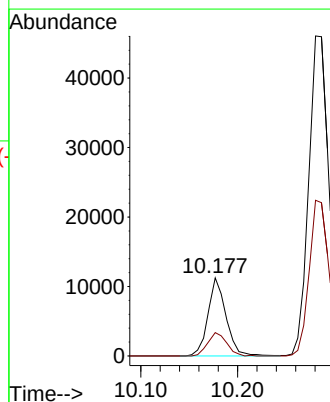
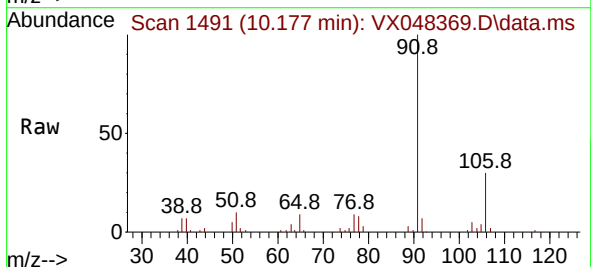
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MSVOA_X
ClientSampleId :
SB-14DL

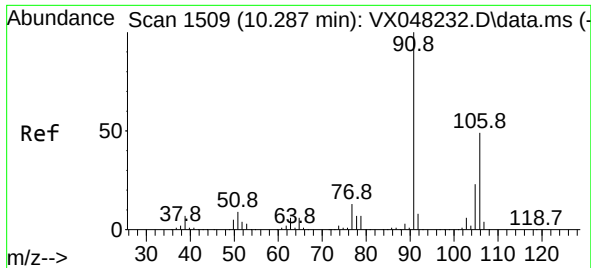
Tgt Ion:117 Resp: 222784
Ion Ratio Lower Upper
117 100
82 57.8 46.5 69.7
119 31.8 25.9 38.9



#67
Ethyl Benzene
Concen: 1.716 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048369.D
Acq: 27 Oct 2025 14:21

Tgt Ion: 91 Resp: 14646
Ion Ratio Lower Upper
91 100
106 29.8 23.8 35.6

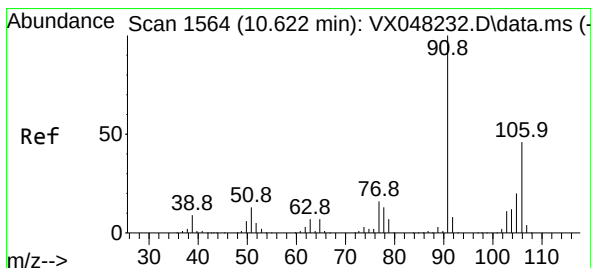
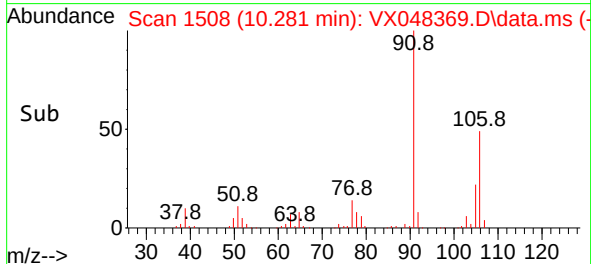
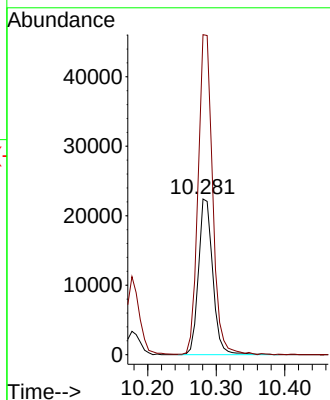
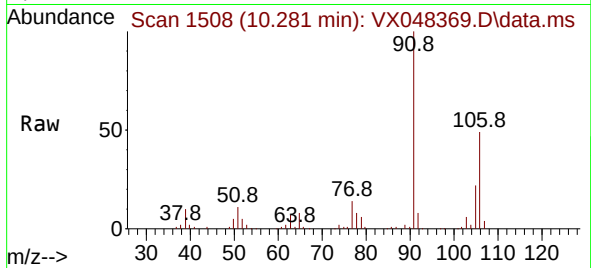




#68
m/p-Xylenes
Concen: 10.277 ug/l
RT: 10.281 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048369.D
Acq: 27 Oct 2025 14:21

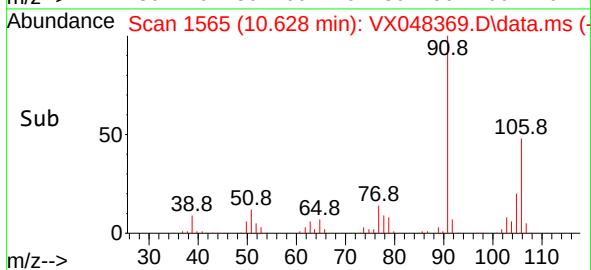
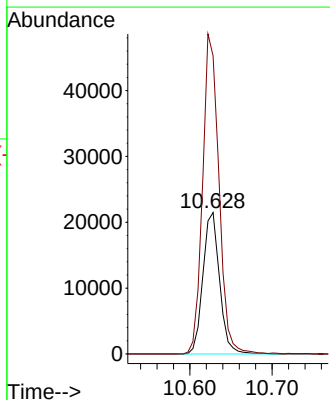
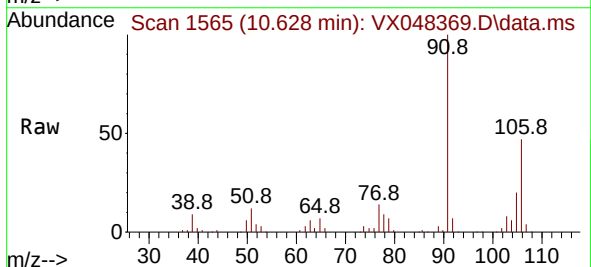
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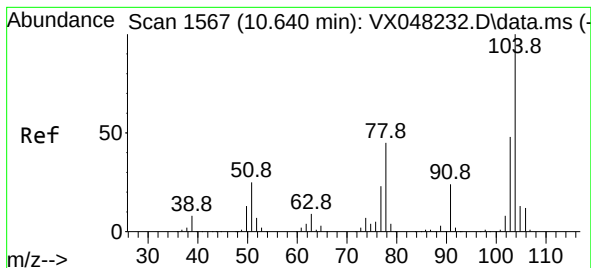
Tgt Ion:106 Resp: 32580
Ion Ratio Lower Upper
106 100
91 208.5 167.9 251.9



#69
o-Xylene
Concen: 9.871 ug/l
RT: 10.628 min Scan# 1565
Delta R.T. 0.006 min
Lab File: VX048369.D
Acq: 27 Oct 2025 14:21

Tgt Ion:106 Resp: 30213
Ion Ratio Lower Upper
106 100
91 222.3 111.3 333.9





#70

Styrene

Concen: 1.600 ug/l

RT: 10.640 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048369.D

Acq: 27 Oct 2025 14:21

Instrument :

MSVOA_X

ClientSampleId :

SB-14DL

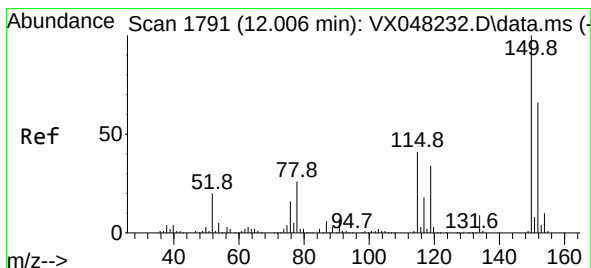
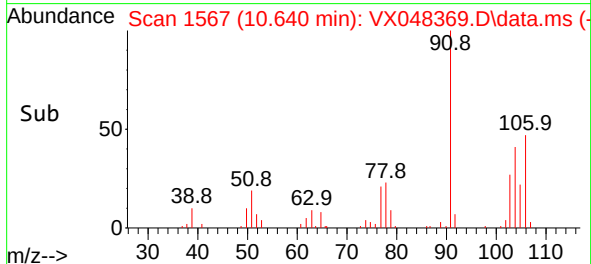
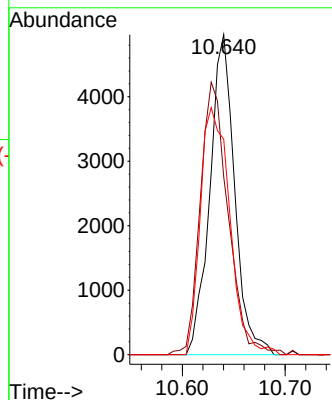
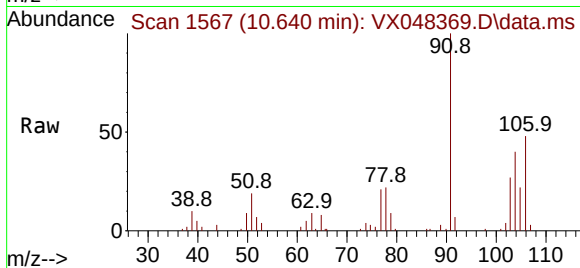
Tgt Ion:104 Resp: 8336

Ion Ratio Lower Upper

104 100

78 95.8 42.2 63.4#

103 91.5 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: VX048369.D

Acq: 27 Oct 2025 14:21

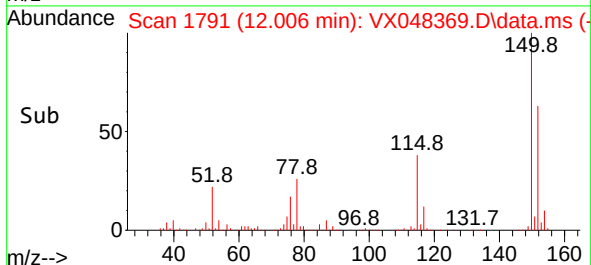
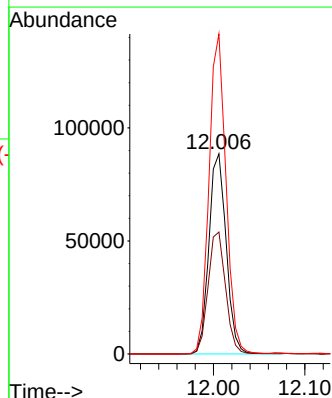
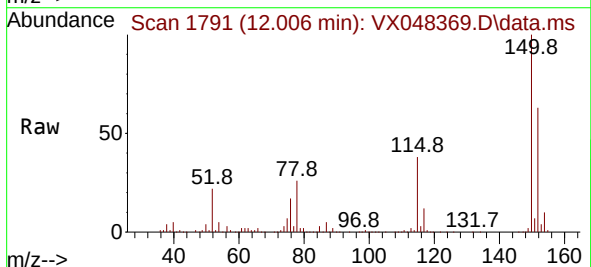
Tgt Ion:152 Resp: 116223

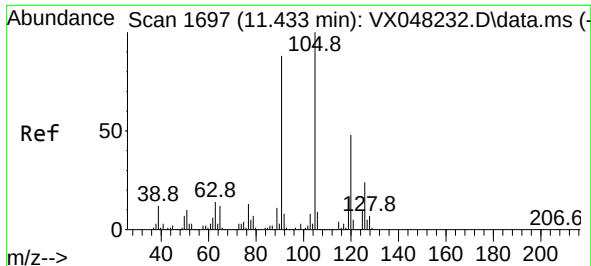
Ion Ratio Lower Upper

152 100

115 61.8 43.1 129.4

150 156.6 0.0 353.0

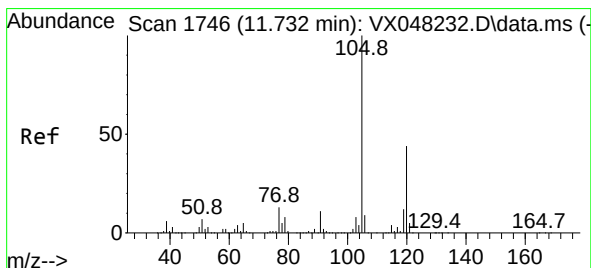
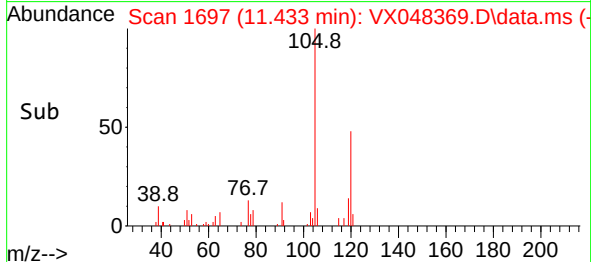
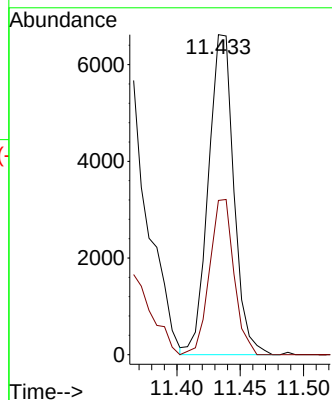
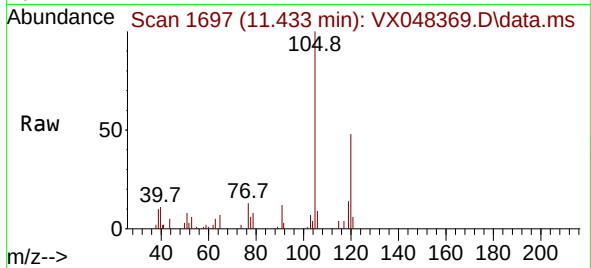




#80
 1,3,5-Trimethylbenzene
 Concen: 1.323 ug/l
 RT: 11.433 min Scan# 1697
 Delta R.T. -0.000 min
 Lab File: VX048369.D
 Acq: 27 Oct 2025 14:21

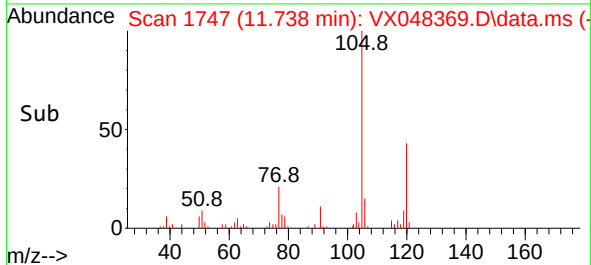
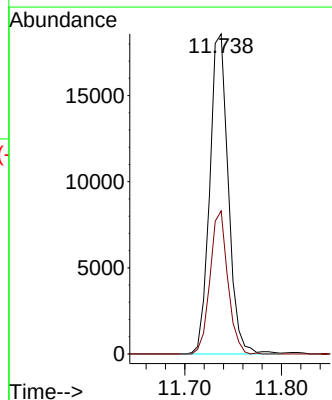
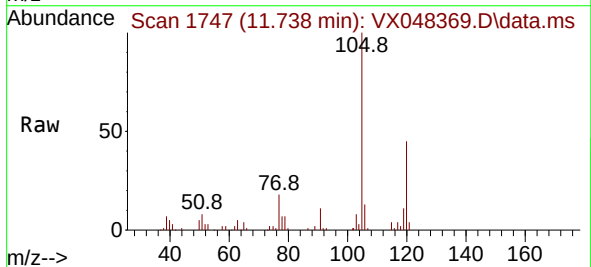
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-14DL

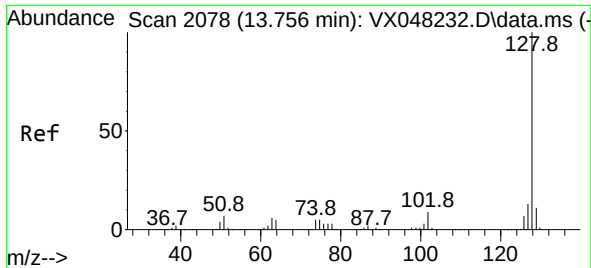
Tgt Ion:105 Resp: 9291
 Ion Ratio Lower Upper
 105 100
 120 46.4 24.0 72.0



#84
 1,2,4-Trimethylbenzene
 Concen: 3.538 ug/l
 RT: 11.738 min Scan# 1747
 Delta R.T. 0.006 min
 Lab File: VX048369.D
 Acq: 27 Oct 2025 14:21

Tgt Ion:105 Resp: 24804
 Ion Ratio Lower Upper
 105 100
 120 42.6 22.1 66.5





#95

Naphthalene

Concen: 19.982 ug/l

RT: 13.756 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX048369.D

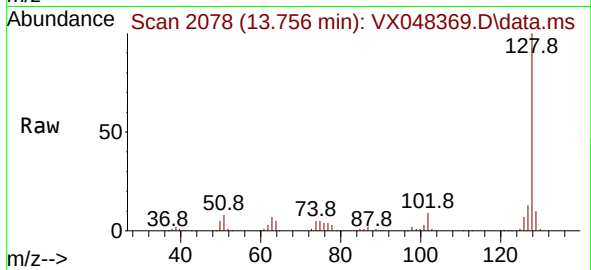
Acq: 27 Oct 2025 14:21

Instrument :

MSVOA_X

ClientSampleId :

SB-14DL



Tgt Ion:128 Resp: 134876

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 10.9 8.6 12.8

