

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102325\
 Data File : VX048326.D
 Acq On : 23 Oct 2025 15:26
 Operator : JC/MD
 Sample : Q3414-09 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-9

Quant Time: Oct 24 05:47:01 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)

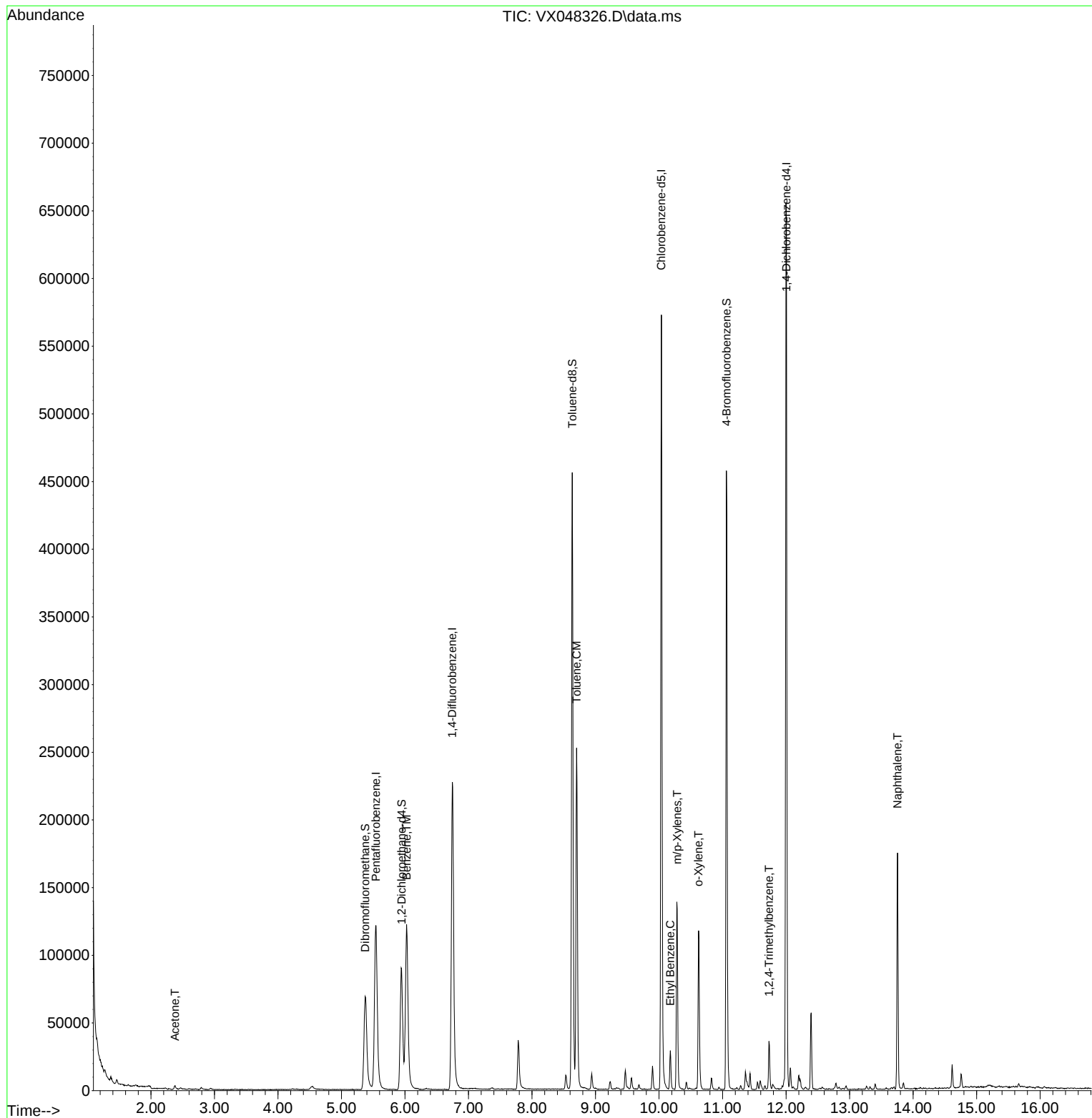
Internal Standards						
1) Pentafluorobenzene	5.544	168	121968	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	246326	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	256819	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	135057	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	100325	58.667	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	117.340%#
35) Dibromofluoromethane	5.373	113	67817	40.328	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	80.660%
50) Toluene-d8	8.635	98	279237	47.374	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.740%
62) 4-Bromofluorobenzene	11.061	95	127116	56.688	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	113.380%
Target Compounds						
						Qvalue
16) Acetone	2.380	43	3887	6.626	ug/l	90
40) Benzene	6.025	78	151074	21.770	ug/l	99
52) Toluene	8.702	92	100178	22.724	ug/l	97
67) Ethyl Benzene	10.177	91	16799	1.708	ug/l	91
68) m/p-Xylenes	10.287	106	32839	8.986	ug/l	98
69) o-Xylene	10.622	106	25031	7.094	ug/l	97
84) 1,2,4-Trimethylbenzene	11.732	105	15664	1.923	ug/l	93
95) Naphthalene	13.756	128	100160	12.769	ug/l	99

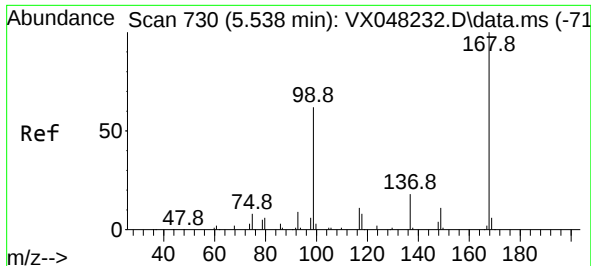
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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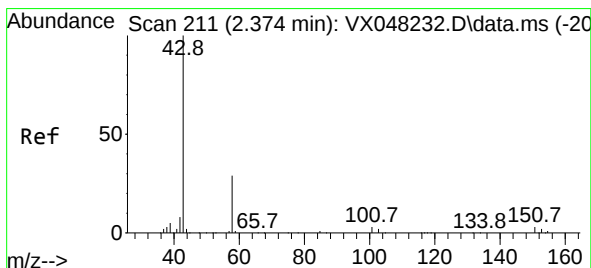
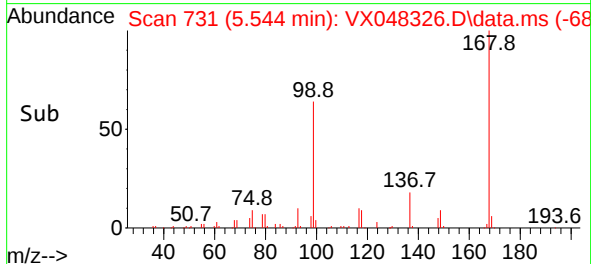
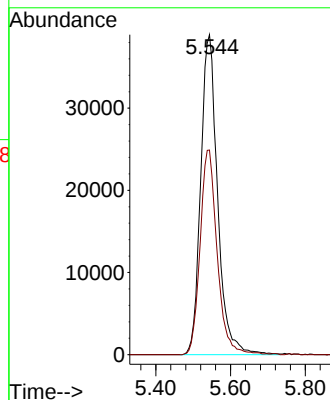
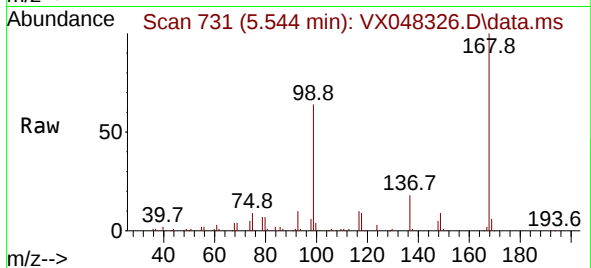




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048326.D
Acq: 23 Oct 2025 15:26

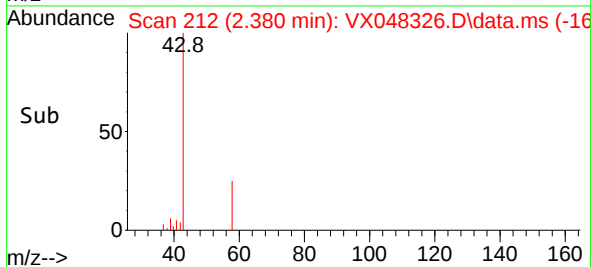
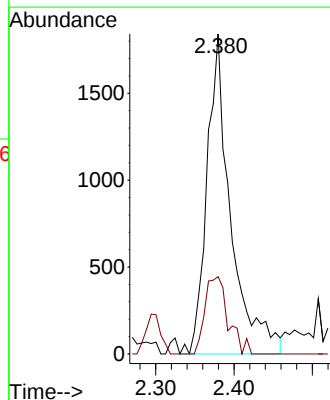
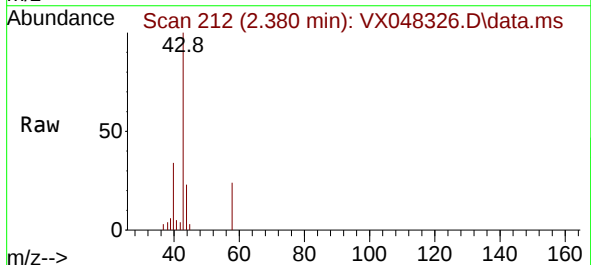
Instrument :
MSVOA_X
ClientSampleId :
SB-9

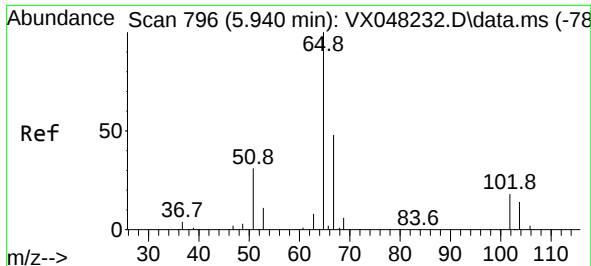
Tgt Ion:168 Resp: 121968
Ion Ratio Lower Upper
168 100
99 64.0 46.4 69.6



#16
Acetone
Concen: 6.626 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048326.D
Acq: 23 Oct 2025 15:26

Tgt Ion: 43 Resp: 3887
Ion Ratio Lower Upper
43 100
58 24.2 23.4 35.2

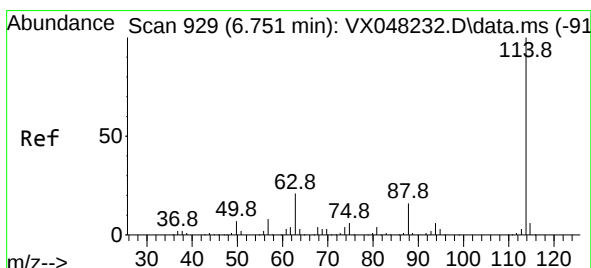
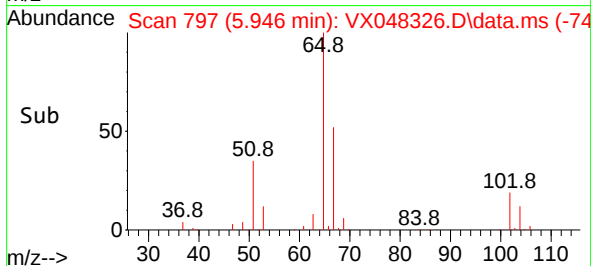
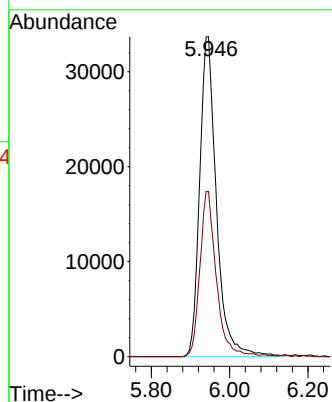
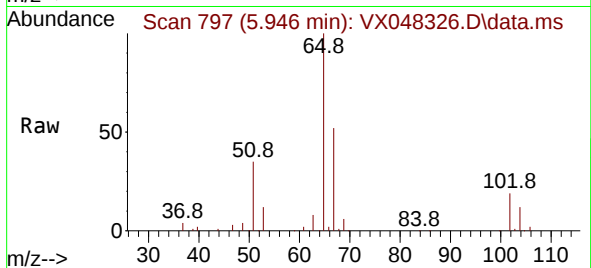




#33
 1,2-Dichloroethane-d4
 Concen: 58.667 ug/l
 RT: 5.946 min Scan# 796
 Delta R.T. 0.006 min
 Lab File: VX048326.D
 Acq: 23 Oct 2025 15:26

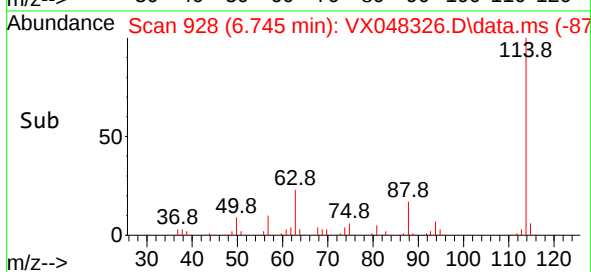
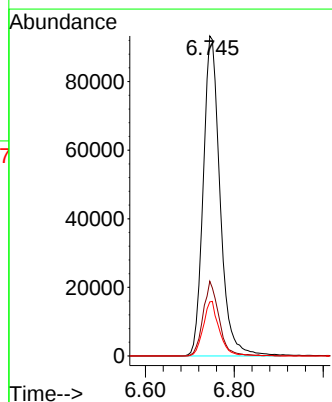
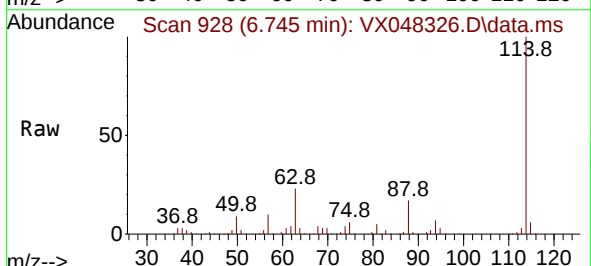
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-9

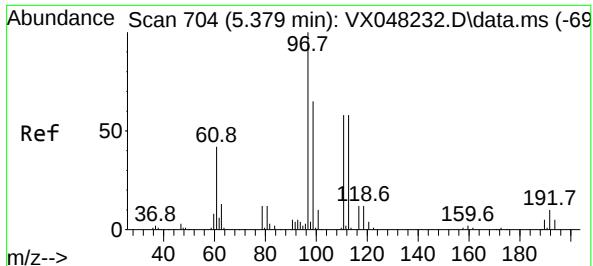
Tgt Ion: 65 Resp: 100325
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.745 min Scan# 928
 Delta R.T. -0.000 min
 Lab File: VX048326.D
 Acq: 23 Oct 2025 15:26

Tgt Ion: 114 Resp: 246326
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 43.2
 88 16.9 0.0 33.6

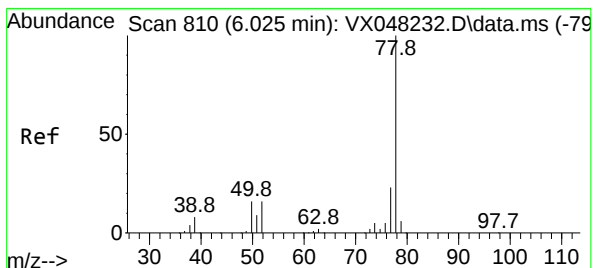
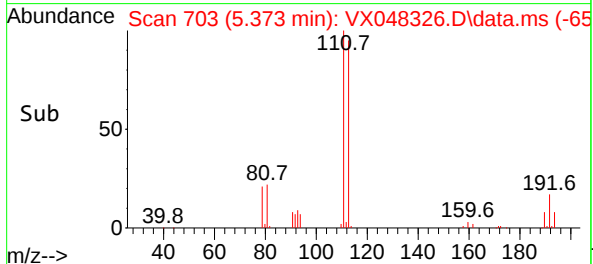
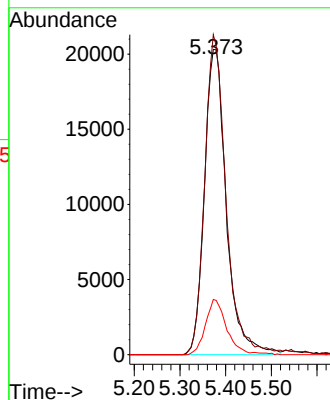
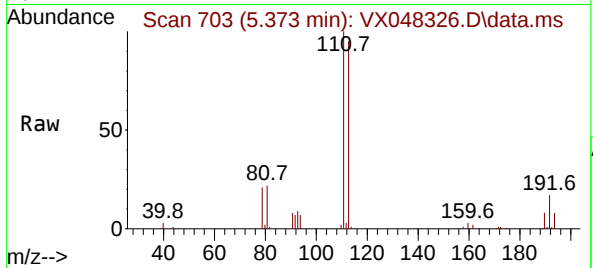




#35
Dibromofluoromethane
Concen: 40.328 ug/l
RT: 5.373 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX048326.D
Acq: 23 Oct 2025 15:26

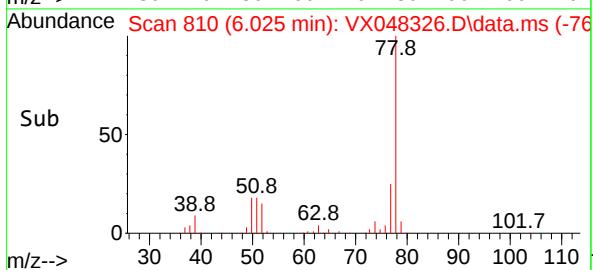
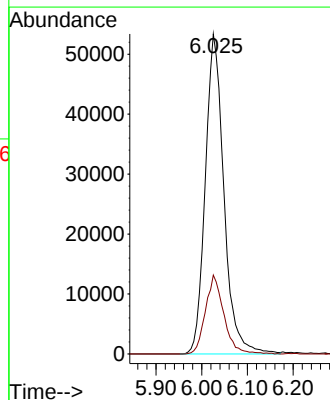
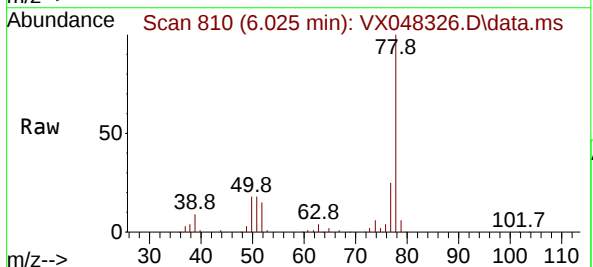
Instrument :
MSVOA_X
ClientSampleId :
SB-9

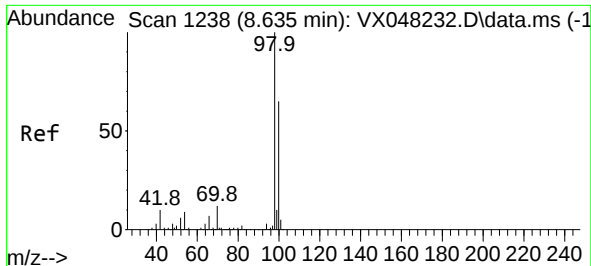
Tgt Ion:113 Resp: 67817
Ion Ratio Lower Upper
113 100
111 101.5 82.2 123.4
192 17.7 15.1 22.7



#40
Benzene
Concen: 21.770 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX048326.D
Acq: 23 Oct 2025 15:26

Tgt Ion: 78 Resp: 151074
Ion Ratio Lower Upper
78 100
77 24.6 19.3 28.9

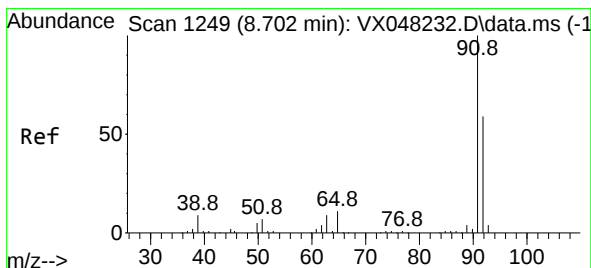
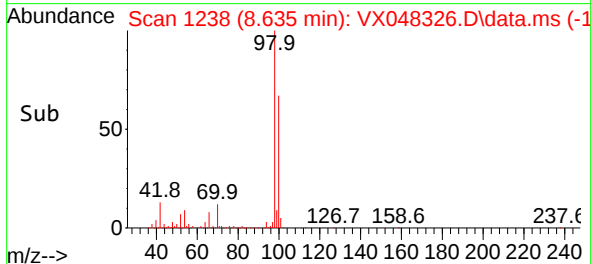
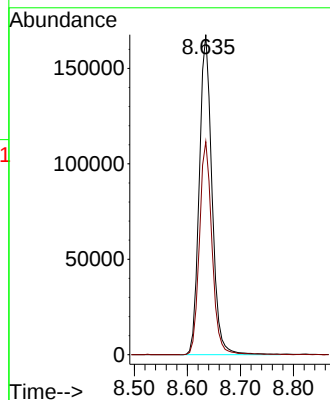
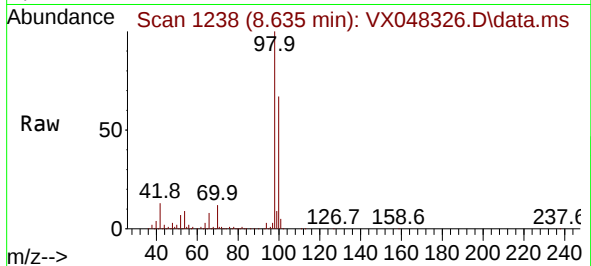




#50
Toluene-d8
Concen: 47.374 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048326.D
Acq: 23 Oct 2025 15:26

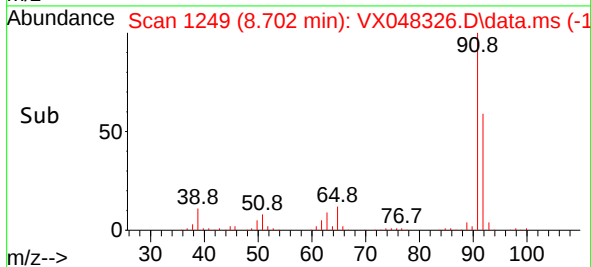
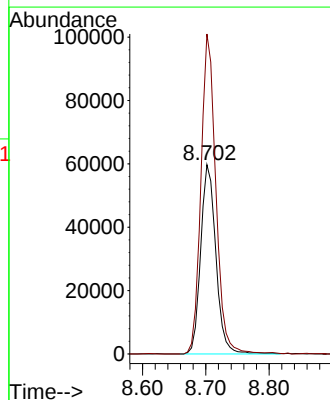
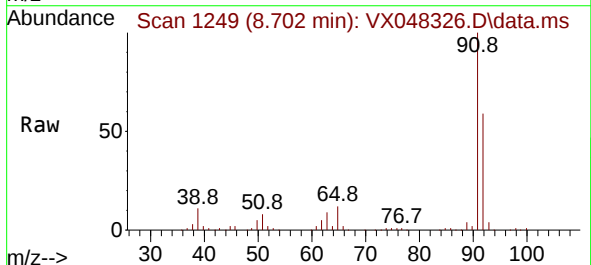
Instrument :
MSVOA_X
ClientSampleId :
SB-9

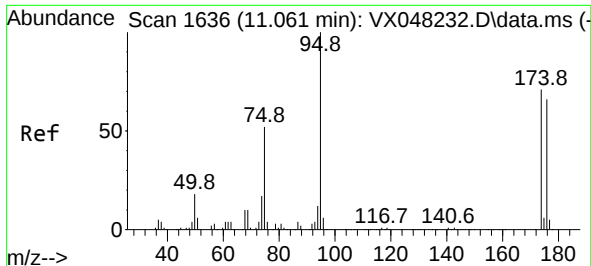
Tgt Ion: 98 Resp: 279237
Ion Ratio Lower Upper
98 100
100 65.9 53.0 79.4



#52
Toluene
Concen: 22.724 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048326.D
Acq: 23 Oct 2025 15:26

Tgt Ion: 92 Resp: 100178
Ion Ratio Lower Upper
92 100
91 165.8 136.1 204.1

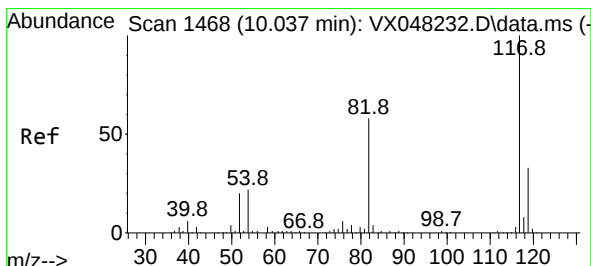
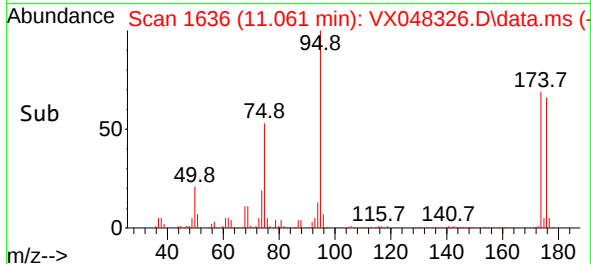
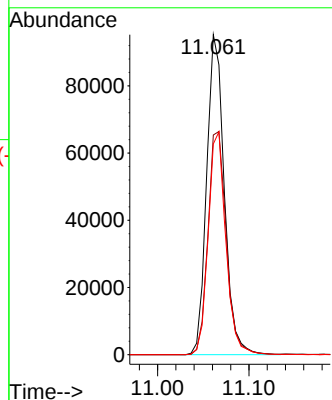
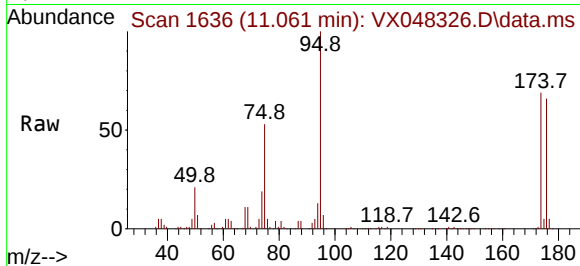




#62
4-Bromofluorobenzene
Concen: 56.688 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048326.D
Acq: 23 Oct 2025 15:26

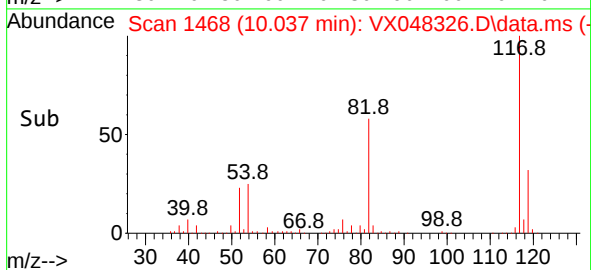
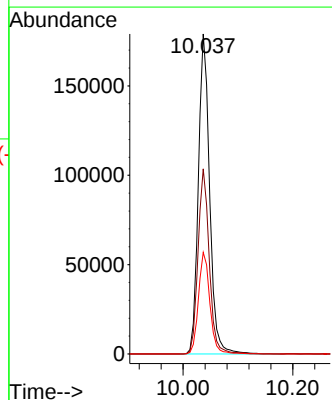
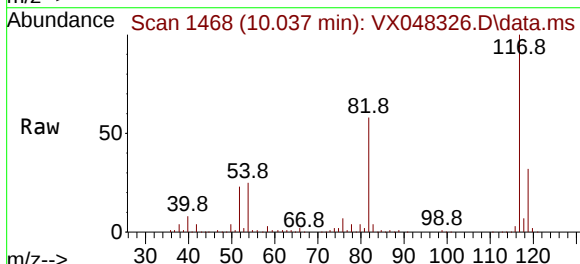
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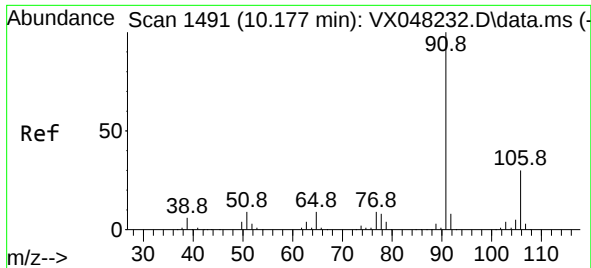
Tgt Ion: 95 Resp: 127116
Ion Ratio Lower Upper
95 100
174 72.8 0.0 147.8
176 69.7 0.0 142.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048326.D
Acq: 23 Oct 2025 15:26

Tgt Ion: 117 Resp: 256819
Ion Ratio Lower Upper
117 100
82 57.9 46.5 69.7
119 31.7 25.9 38.9





#67

Ethyl Benzene

Concen: 1.708 ug/l

RT: 10.177 min Scan# 1491

Delta R.T. -0.000 min

Lab File: VX048326.D

Acq: 23 Oct 2025 15:26

Instrument :

MSVOA_X

ClientSampleId :

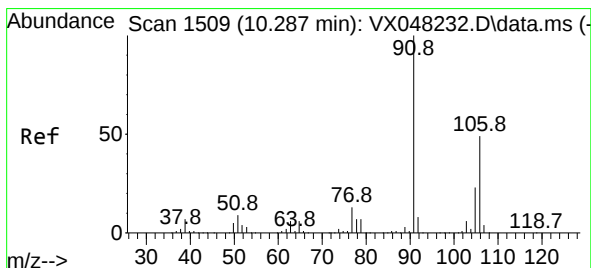
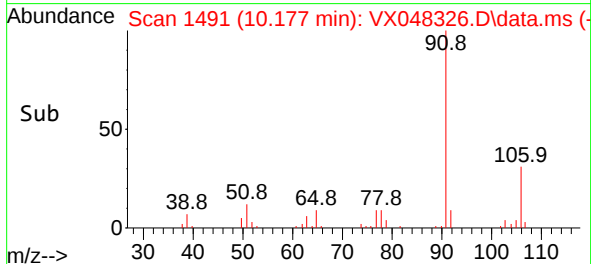
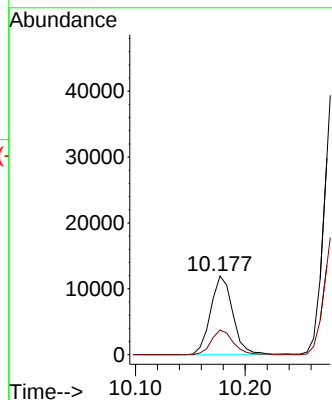
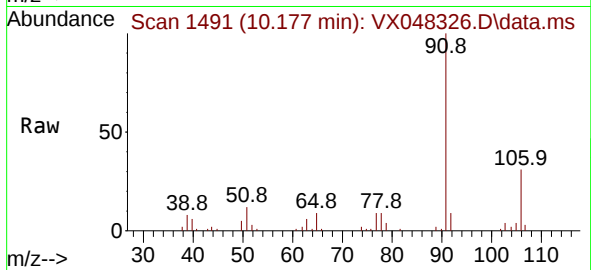
SB-9

Tgt Ion: 91 Resp: 16799

Ion Ratio Lower Upper

91 100

106 34.4 23.8 35.6



#68

m/p-Xylenes

Concen: 8.986 ug/l

RT: 10.287 min Scan# 1509

Delta R.T. -0.000 min

Lab File: VX048326.D

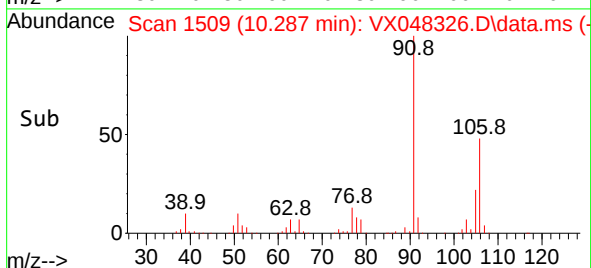
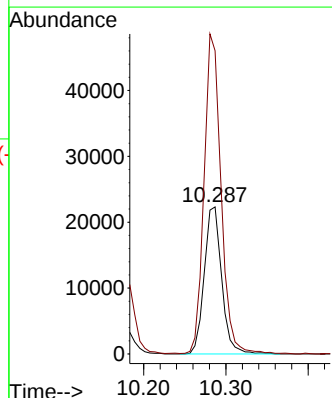
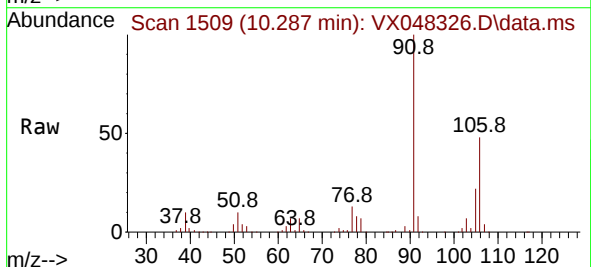
Acq: 23 Oct 2025 15:26

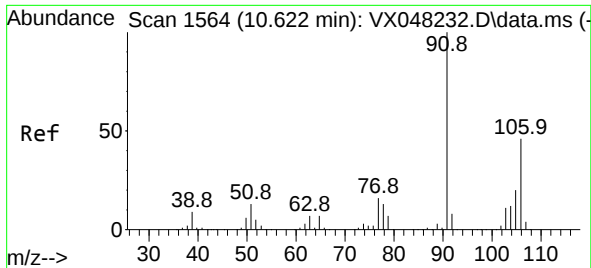
Tgt Ion:106 Resp: 32839

Ion Ratio Lower Upper

106 100

91 212.6 167.9 251.9

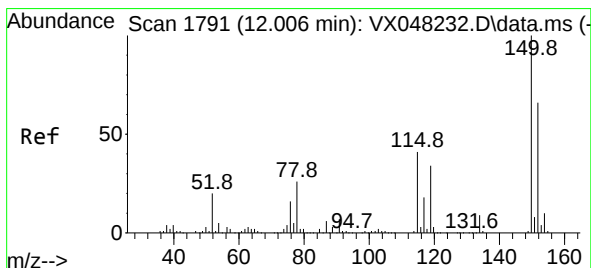
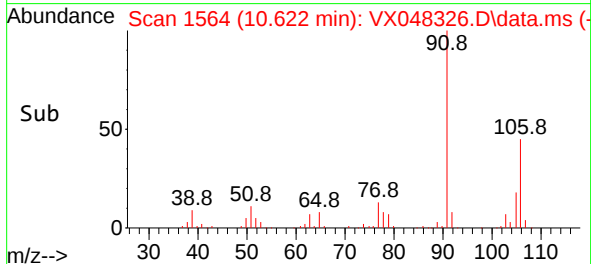
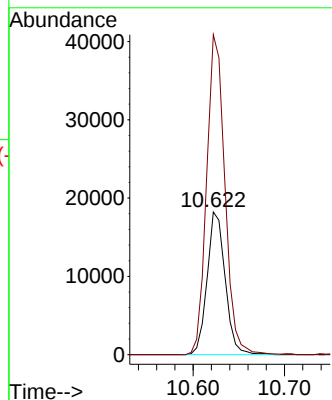
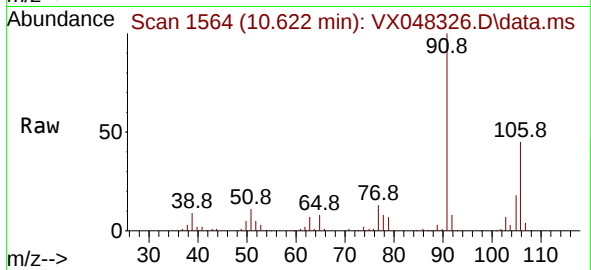




#69
o-Xylene
Concen: 7.094 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. -0.000 min
Lab File: VX048326.D
Acq: 23 Oct 2025 15:26

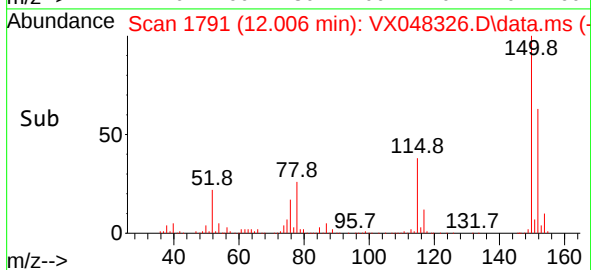
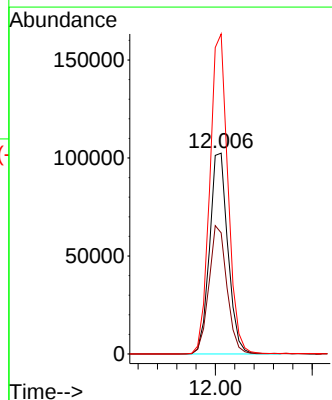
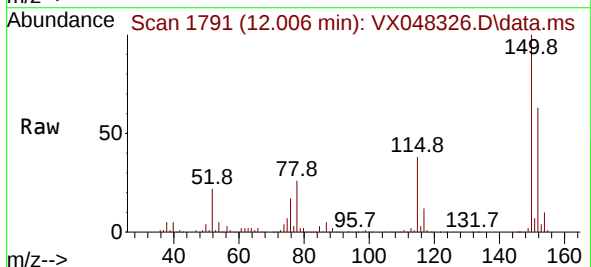
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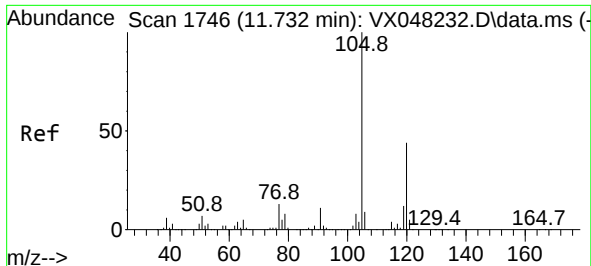
Tgt Ion:106 Resp: 25031
Ion Ratio Lower Upper
106 100
91 226.8 111.3 333.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048326.D
Acq: 23 Oct 2025 15:26

Tgt Ion:152 Resp: 135057
Ion Ratio Lower Upper
152 100
115 62.9 43.1 129.4
150 157.2 0.0 353.0

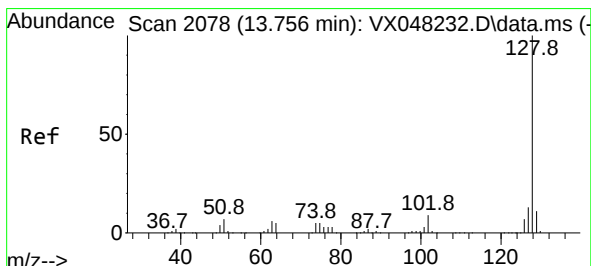
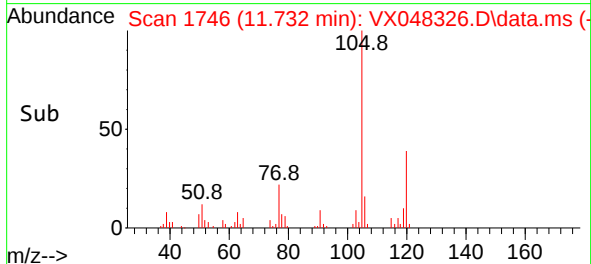
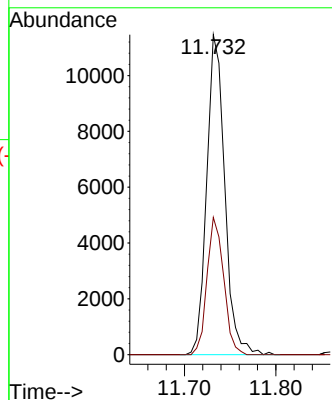
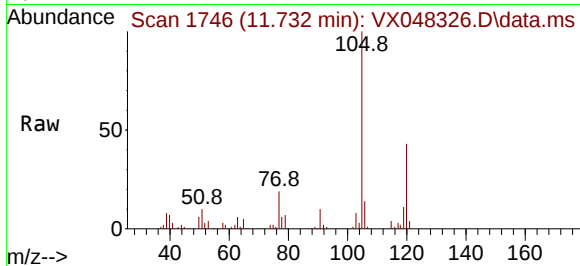




#84
 1,2,4-Trimethylbenzene
 Concen: 1.923 ug/l
 RT: 11.732 min Scan# 1746
 Delta R.T. -0.000 min
 Lab File: VX048326.D
 Acq: 23 Oct 2025 15:26

Instrument :
 MSVOA_X
 ClientSampleId :
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Tgt Ion:105 Resp: 15664
 Ion Ratio Lower Upper
 105 100
 120 39.7 22.1 66.5



#95
 Naphthalene
 Concen: 12.769 ug/l
 RT: 13.756 min Scan# 2078
 Delta R.T. -0.000 min
 Lab File: VX048326.D
 Acq: 23 Oct 2025 15:26

Tgt Ion:128 Resp: 100160
 Ion Ratio Lower Upper
 128 100
 127 13.0 10.2 15.4
 129 11.1 8.6 12.8

