

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
 Data File : VX048346.D
 Acq On : 24 Oct 2025 12:05
 Operator : JC/MD
 Sample : Q3414-12DL 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-12DL

Quant Time: Oct 24 16:21:27 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)

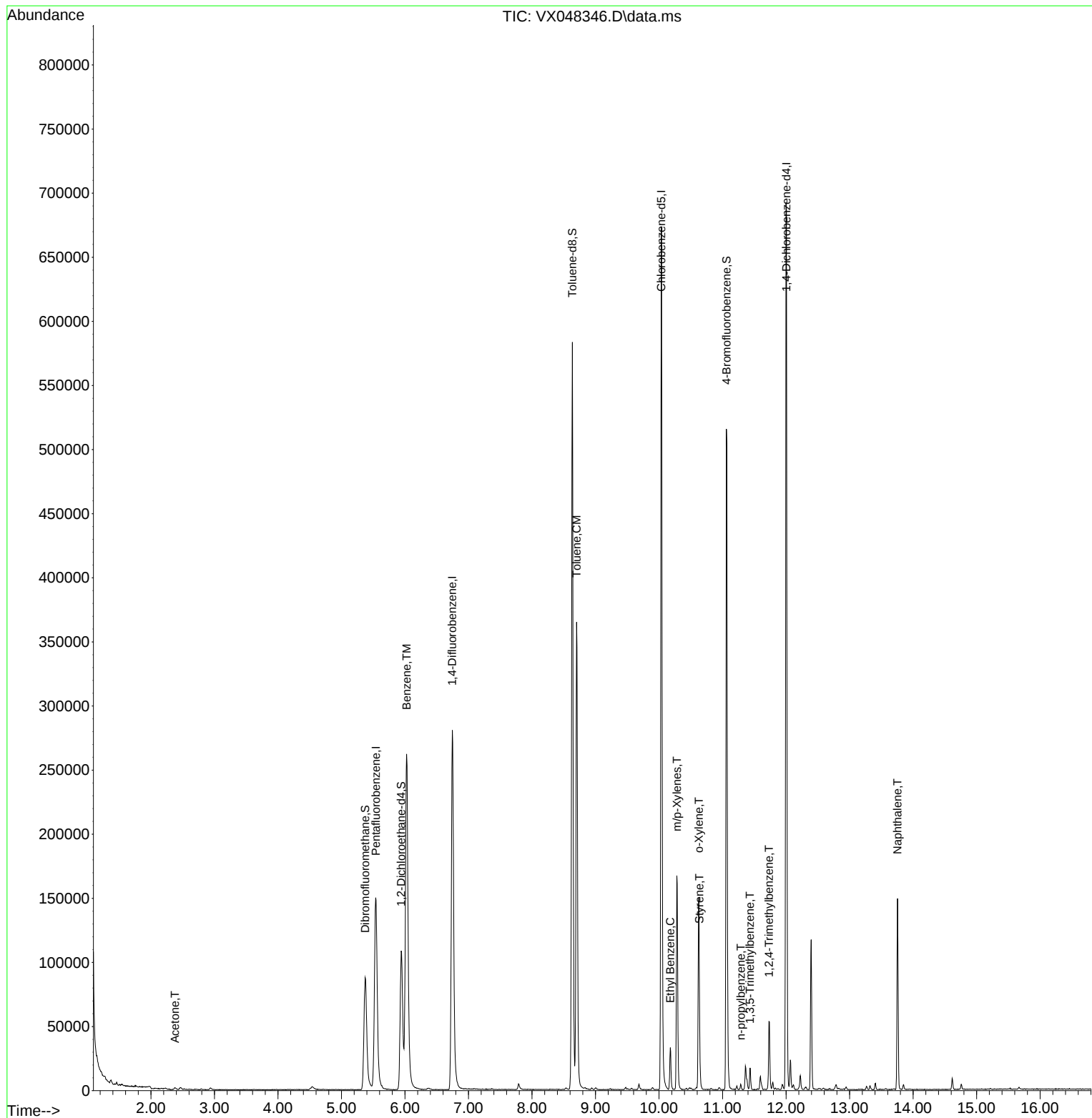
Internal Standards							
1) Pentafluorobenzene		5.544	168	149050	50.000	ug/l	0.00
34) 1,4-Difluorobenzene		6.745	114	302108	50.000	ug/l	0.00
63) Chlorobenzene-d5		10.037	117	300698	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4		12.006	152	142189	50.000	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4		5.940	65	122948	58.833	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	117.660	%#
35) Dibromofluoromethane		5.373	113	86285	41.836	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	83.680	%
50) Toluene-d8		8.634	98	344840	47.701	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.400	%
62) 4-Bromofluorobenzene		11.061	95	143228	52.079	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.160	%
Target Compounds							
							Qvalue
16) Acetone		2.380	43	1996	2.784	ug/l	96
40) Benzene		6.025	78	334508	39.303	ug/l	99
52) Toluene		8.702	92	143616	26.562	ug/l	98
67) Ethyl Benzene		10.177	91	19126	1.661	ug/l	93
68) m/p-Xylenes		10.281	106	39764	9.293	ug/l	100
69) o-Xylene		10.628	106	32295	7.818	ug/l	98
70) Styrene		10.634	104	7208	1.025	ug/l	# 28
78) n-propylbenzene		11.286	91	2624	0.218	ug/l	93
80) 1,3,5-Trimethylbenzene		11.433	105	7144	0.831	ug/l	98
84) 1,2,4-Trimethylbenzene		11.732	105	24082	2.808	ug/l	94
95) Naphthalene		13.756	128	84435	10.225	ug/l	99

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

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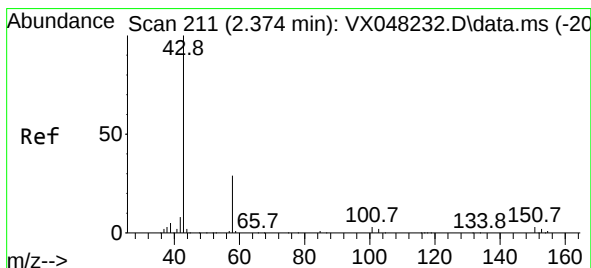
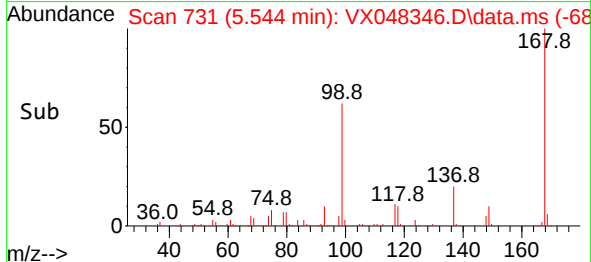
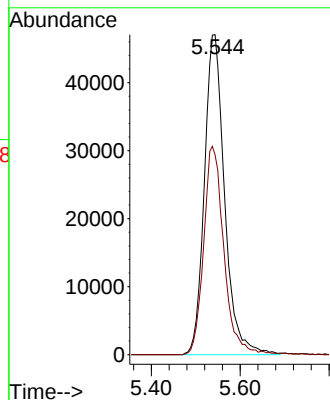
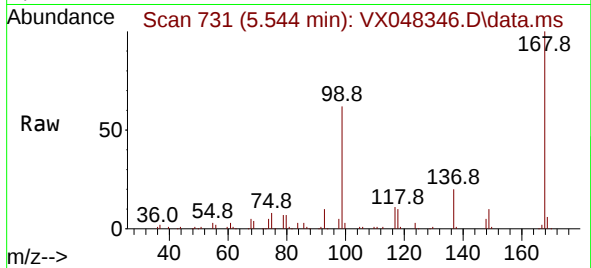




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048346.D
Acq: 24 Oct 2025 12:05

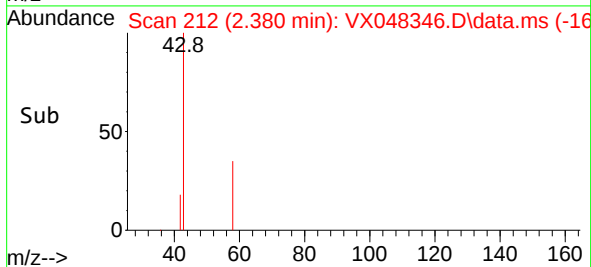
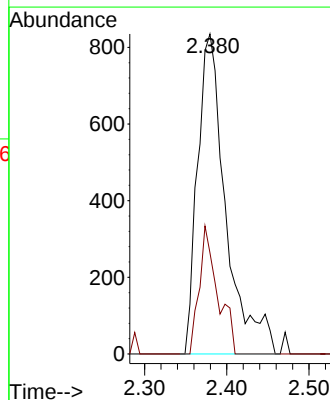
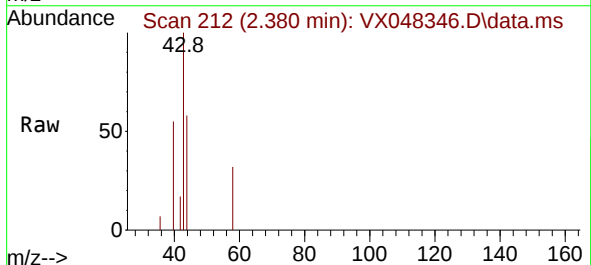
Instrument :
MSVOA_X
ClientSampleId :
SB-12DL

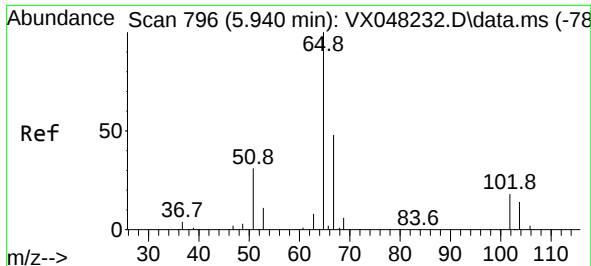
Tgt Ion:168 Resp: 149050
Ion Ratio Lower Upper
168 100
99 62.5 46.4 69.6



#16
Acetone
Concen: 2.784 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048346.D
Acq: 24 Oct 2025 12:05

Tgt Ion: 43 Resp: 1996
Ion Ratio Lower Upper
43 100
58 31.6 23.4 35.2





#33

1,2-Dichloroethane-d4

Concen: 58.833 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX048346.D

Acq: 24 Oct 2025 12:05

Instrument :

MSVOA_X

ClientSampleId :

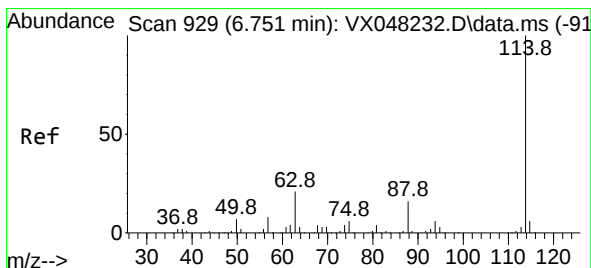
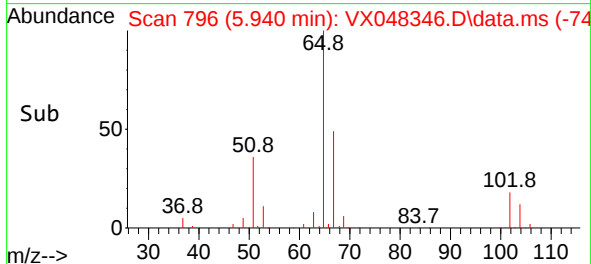
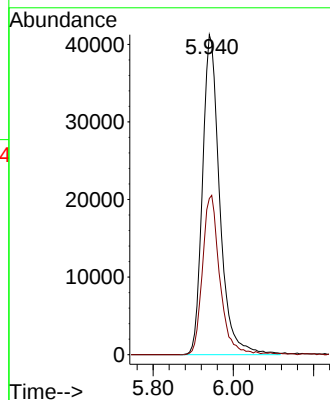
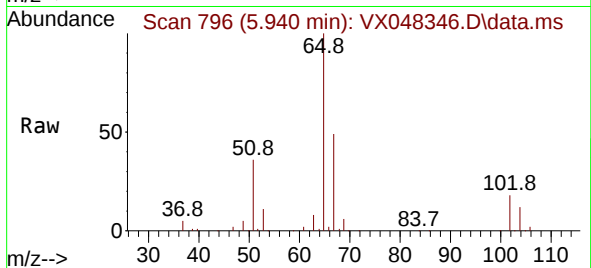
SB-12DL

Tgt Ion: 65 Resp: 122948

Ion Ratio Lower Upper

65 100

67 50.1 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: VX048346.D

Acq: 24 Oct 2025 12:05

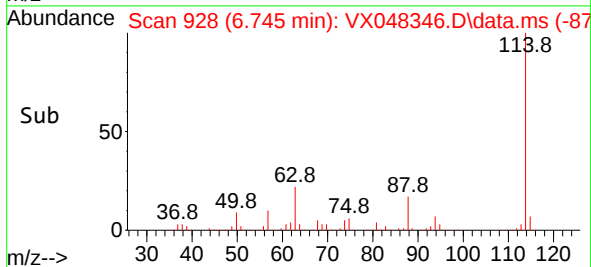
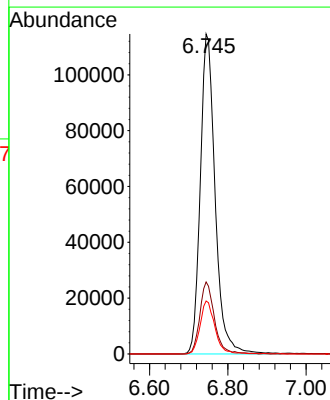
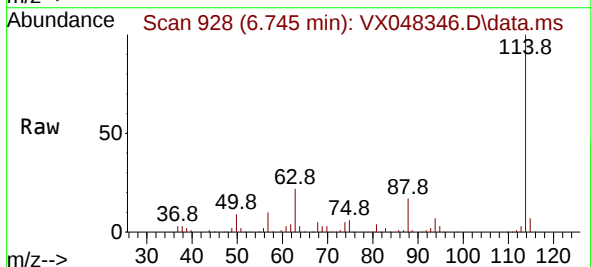
Tgt Ion: 114 Resp: 302108

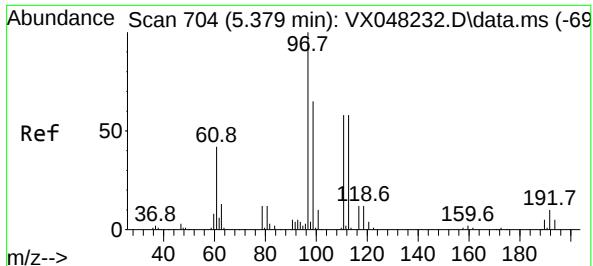
Ion Ratio Lower Upper

114 100

63 22.5 0.0 43.2

88 16.6 0.0 33.6





#35

Dibromofluoromethane

Concen: 41.836 ug/l

RT: 5.373 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX048346.D

Acq: 24 Oct 2025 12:05

Instrument :

MSVOA_X

ClientSampleId :

SB-12DL

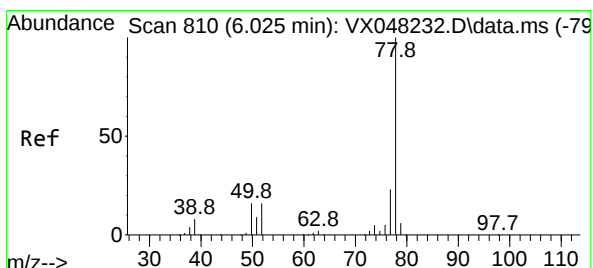
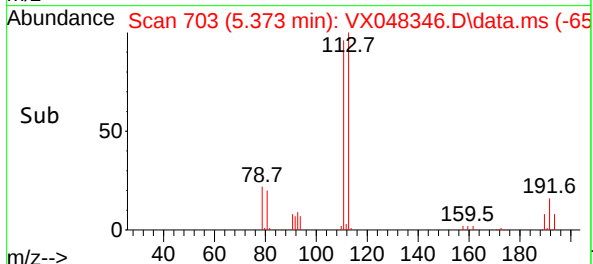
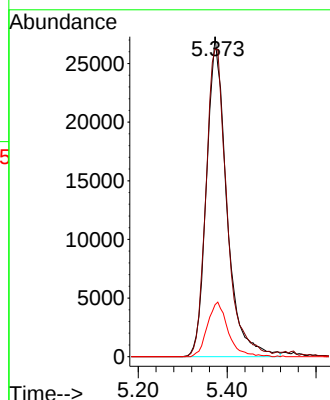
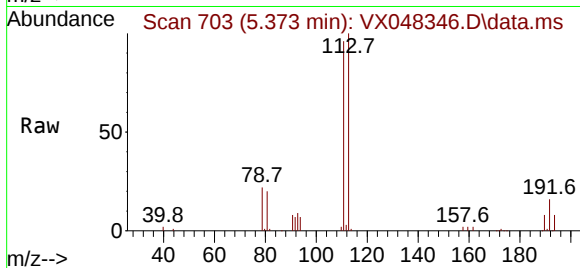
Tgt Ion:113 Resp: 86285

Ion Ratio Lower Upper

113 100

111 100.0 82.2 123.4

192 17.5 15.1 22.7



#40

Benzene

Concen: 39.303 ug/l

RT: 6.025 min Scan# 810

Delta R.T. -0.000 min

Lab File: VX048346.D

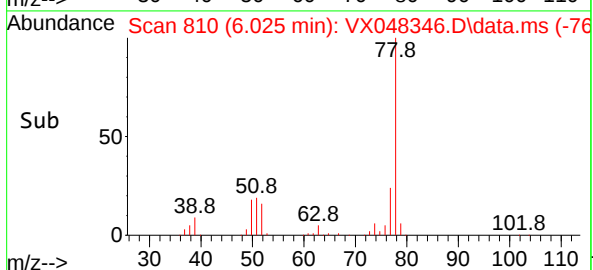
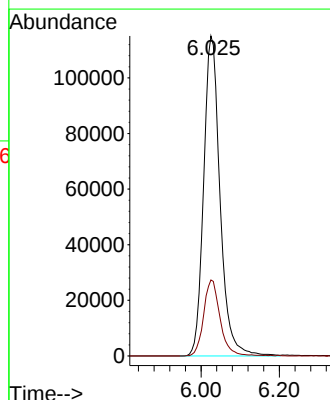
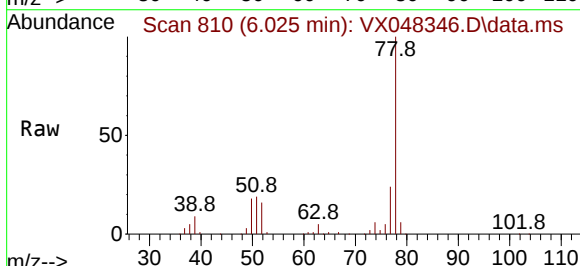
Acq: 24 Oct 2025 12:05

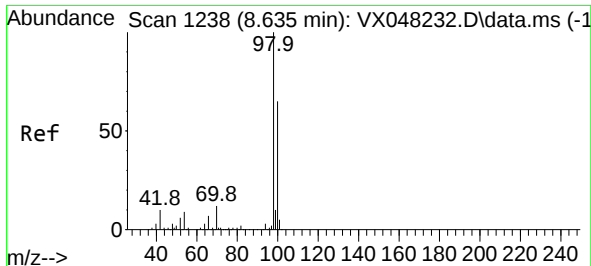
Tgt Ion: 78 Resp: 334508

Ion Ratio Lower Upper

78 100

77 23.7 19.3 28.9

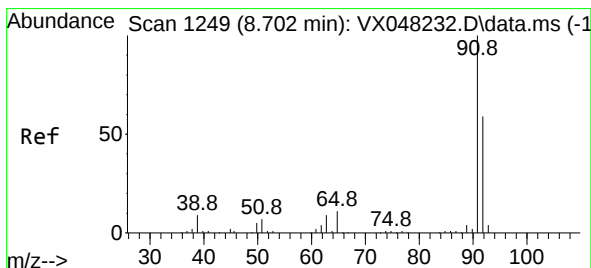
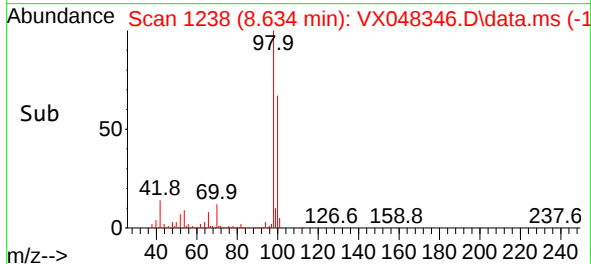
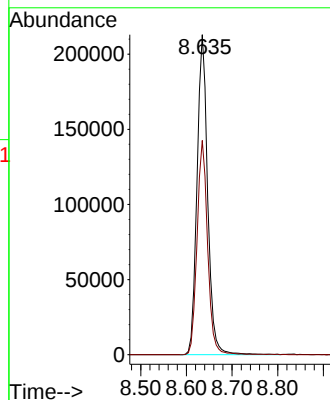
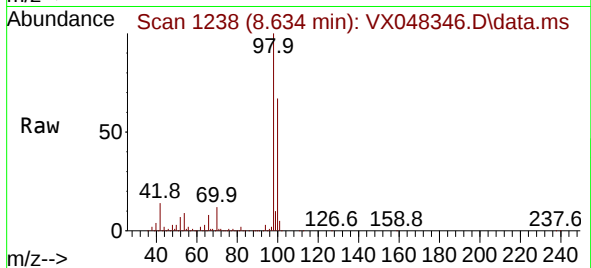




#50
Toluene-d8
Concen: 47.701 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048346.D
Acq: 24 Oct 2025 12:05

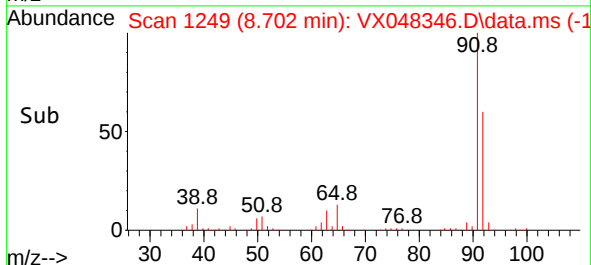
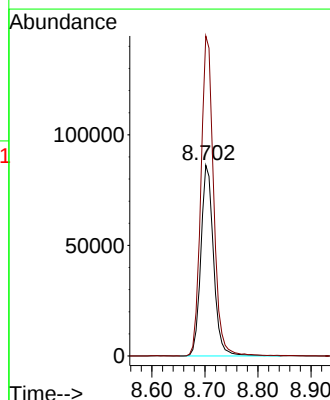
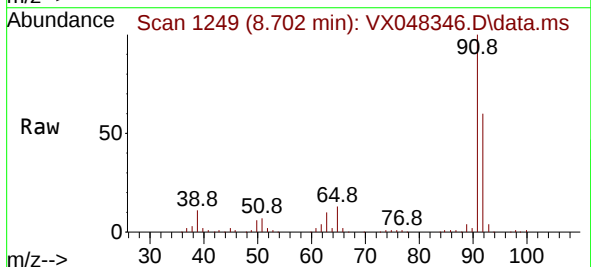
Instrument :
MSVOA_X
ClientSampleId :
SB-12DL

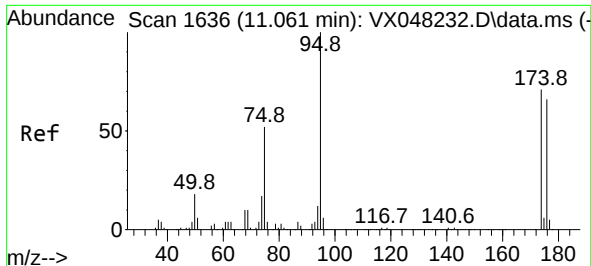
Tgt Ion: 98 Resp: 344840
Ion Ratio Lower Upper
98 100
100 66.2 53.0 79.4



#52
Toluene
Concen: 26.562 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048346.D
Acq: 24 Oct 2025 12:05

Tgt Ion: 92 Resp: 143616
Ion Ratio Lower Upper
92 100
91 167.9 136.1 204.1

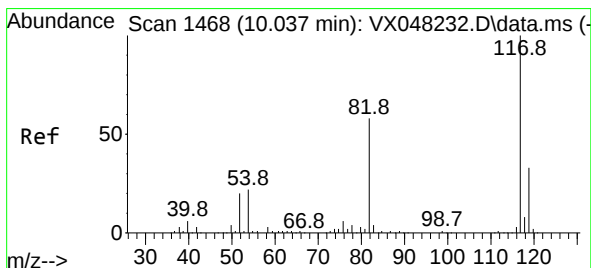
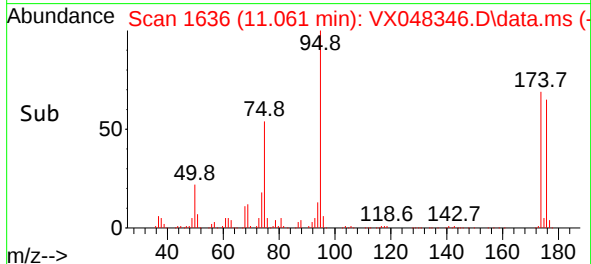
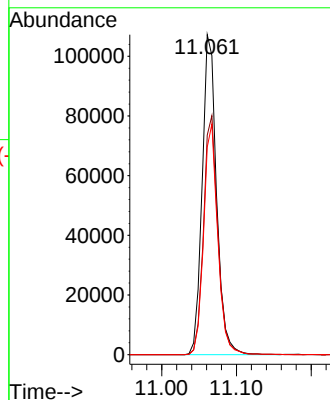
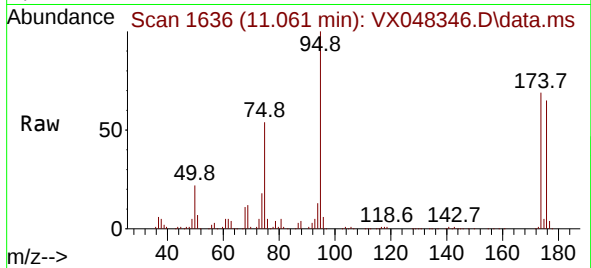




#62
4-Bromofluorobenzene
Concen: 52.079 ug/l
RT: 11.061 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048346.D
Acq: 24 Oct 2025 12:05

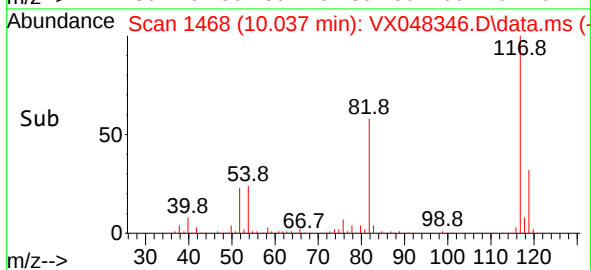
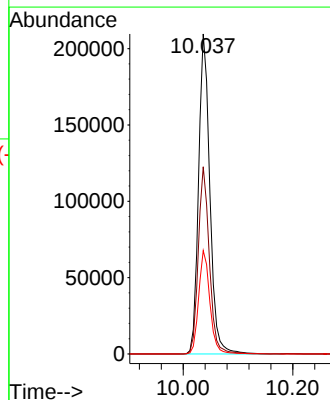
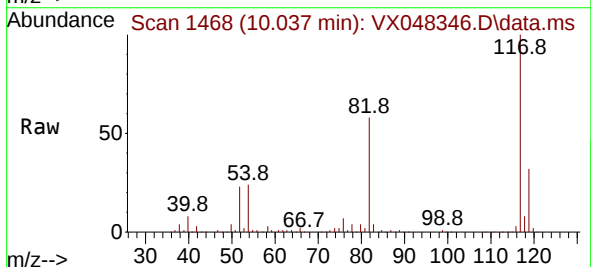
Instrument :
MSVOA_X
ClientSampleId :
SB-12DL

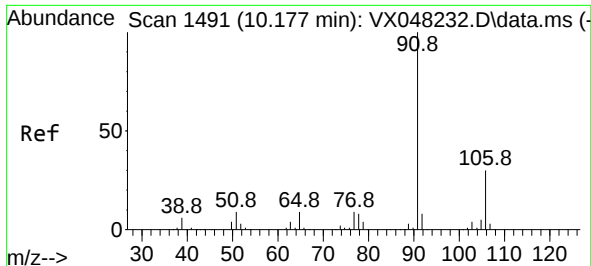
Tgt Ion: 95 Resp: 143228
Ion Ratio Lower Upper
95 100
174 74.6 0.0 147.8
176 70.8 0.0 142.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048346.D
Acq: 24 Oct 2025 12:05

Tgt Ion: 117 Resp: 300698
Ion Ratio Lower Upper
117 100
82 58.5 46.5 69.7
119 32.3 25.9 38.9





#67

Ethyl Benzene

Concen: 1.661 ug/l

RT: 10.177 min Scan# 1491

Delta R.T. -0.000 min

Lab File: VX048346.D

Acq: 24 Oct 2025 12:05

Instrument :

MSVOA_X

ClientSampleId :

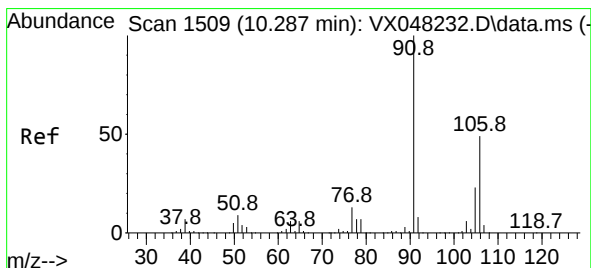
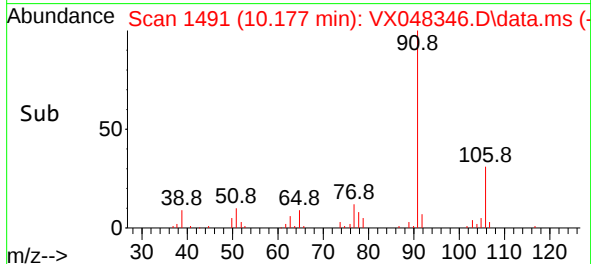
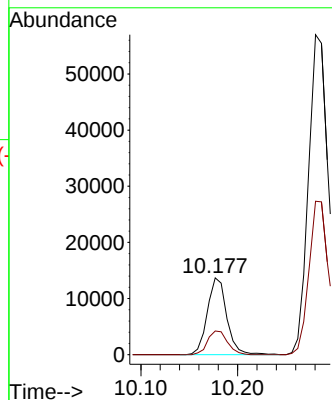
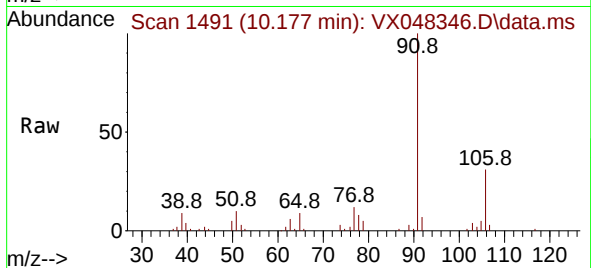
SB-12DL

Tgt Ion: 91 Resp: 19126

Ion Ratio Lower Upper

91 100

106 33.4 23.8 35.6



#68

m/p-Xylenes

Concen: 9.293 ug/l

RT: 10.281 min Scan# 1508

Delta R.T. -0.006 min

Lab File: VX048346.D

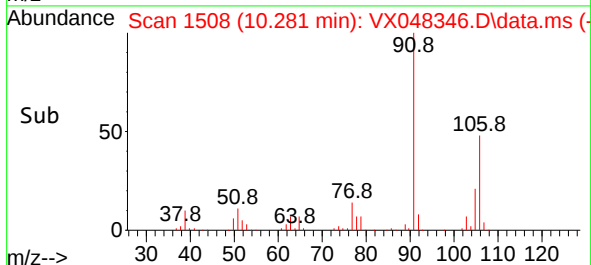
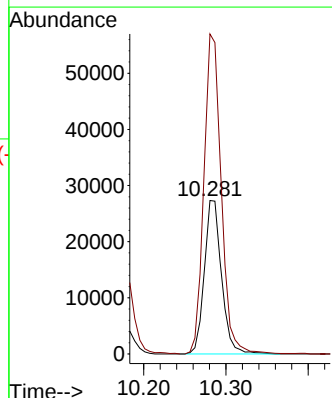
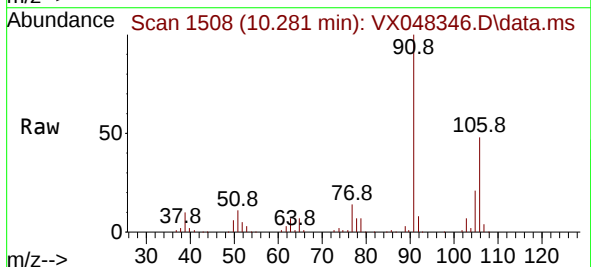
Acq: 24 Oct 2025 12:05

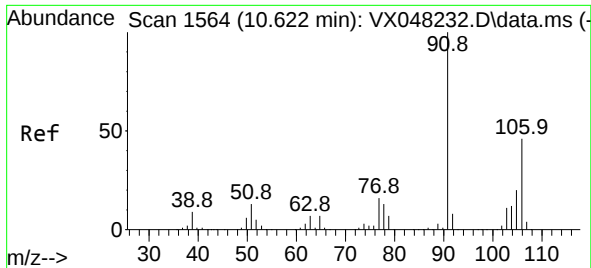
Tgt Ion:106 Resp: 39764

Ion Ratio Lower Upper

106 100

91 210.2 167.9 251.9

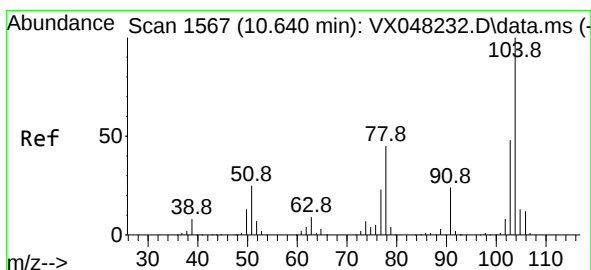
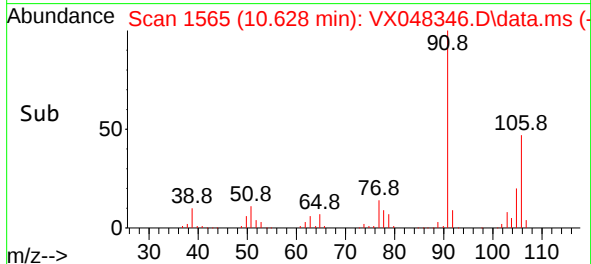
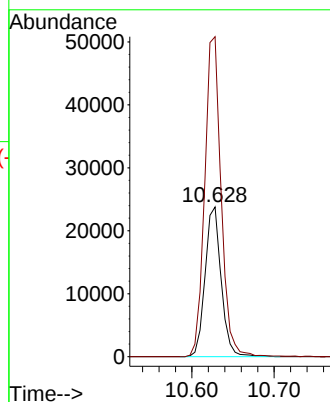
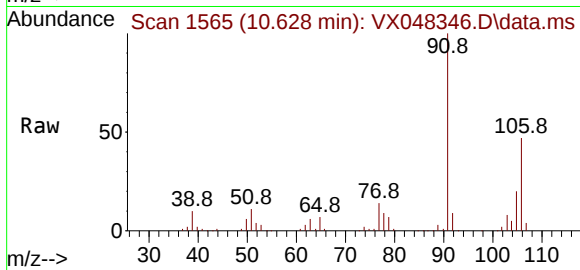




#69
o-Xylene
Concen: 7.818 ug/l
RT: 10.628 min Scan# 1564
Delta R.T. 0.006 min
Lab File: VX048346.D
Acq: 24 Oct 2025 12:05

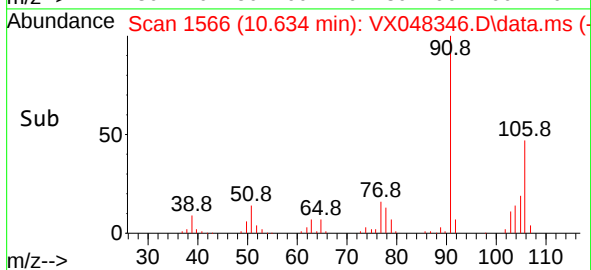
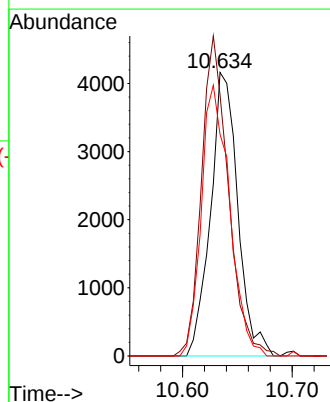
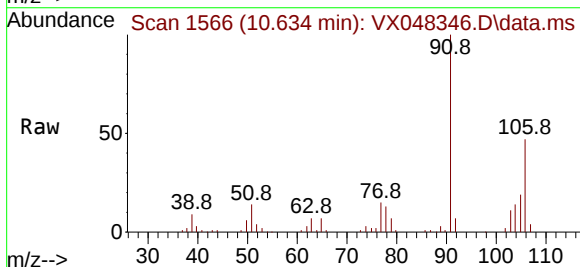
Instrument :
MSVOA_X
ClientSampleId :
SB-12DL

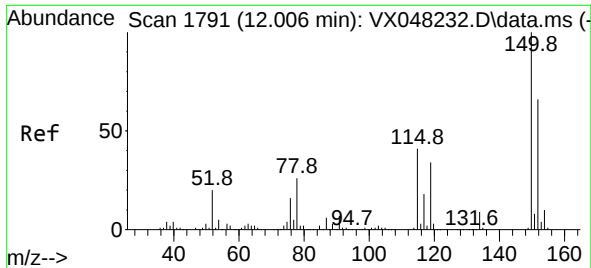
Tgt Ion:106 Resp: 32295
Ion Ratio Lower Upper
106 100
91 218.8 111.3 333.9



#70
Styrene
Concen: 1.025 ug/l
RT: 10.634 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VX048346.D
Acq: 24 Oct 2025 12:05

Tgt Ion:104 Resp: 7208
Ion Ratio Lower Upper
104 100
78 110.3 42.2 63.4#
103 98.5 43.0 64.4#

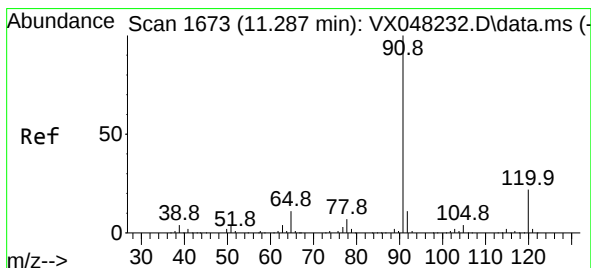
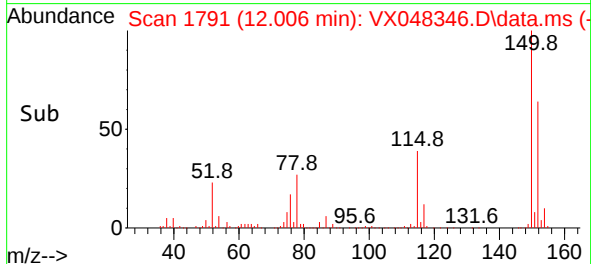
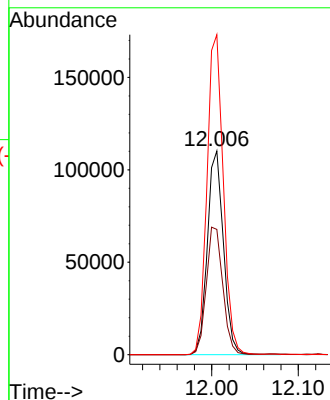
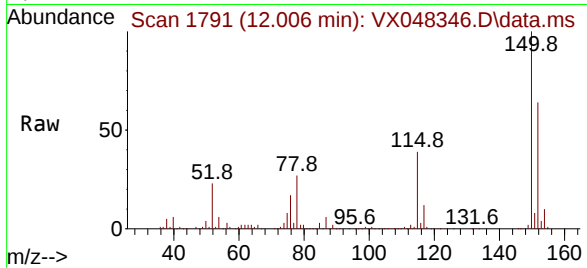




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048346.D
Acq: 24 Oct 2025 12:05

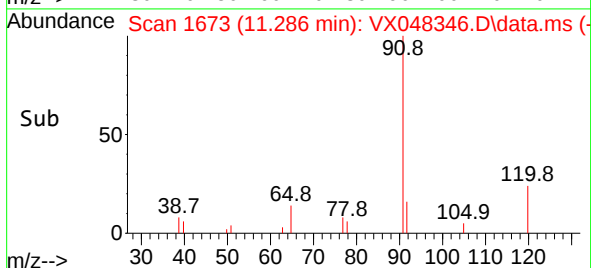
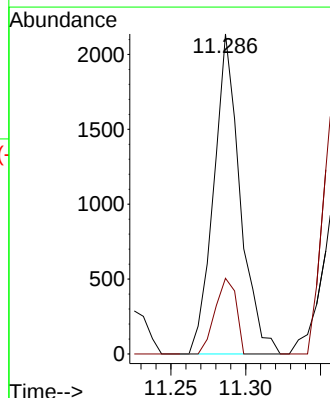
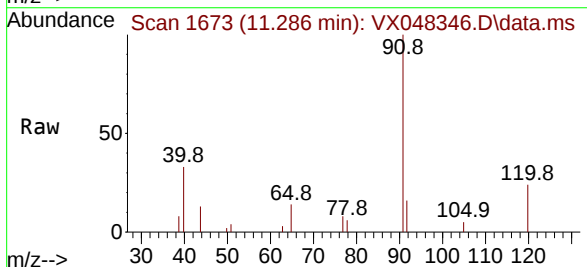
Instrument :
MSVOA_X
ClientSampleId :
SB-12DL

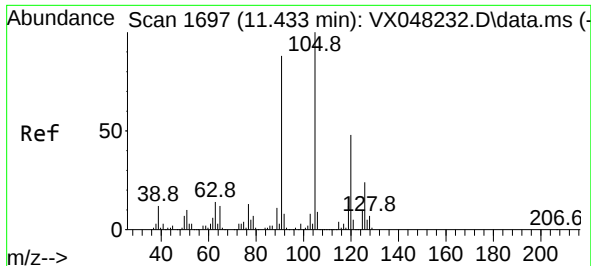
Tgt Ion:152 Resp: 142189
Ion Ratio Lower Upper
152 100
115 64.3 43.1 129.4
150 159.0 0.0 353.0



#78
n-propylbenzene
Concen: 0.218 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048346.D
Acq: 24 Oct 2025 12:05

Tgt Ion: 91 Resp: 2624
Ion Ratio Lower Upper
91 100
120 18.8 11.1 33.1

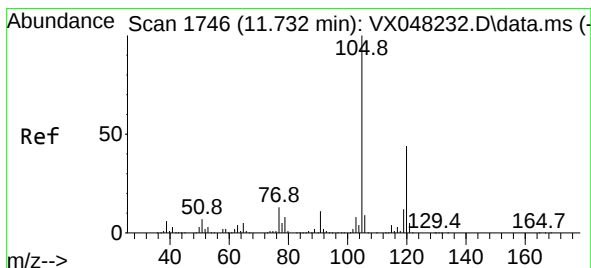
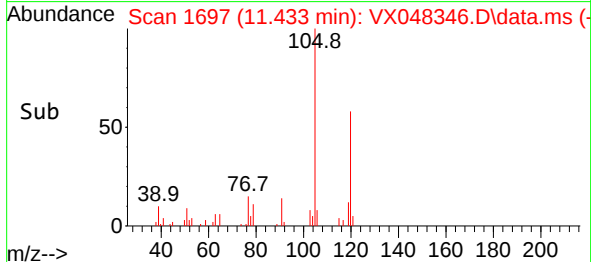
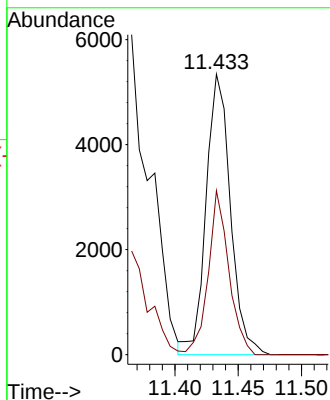
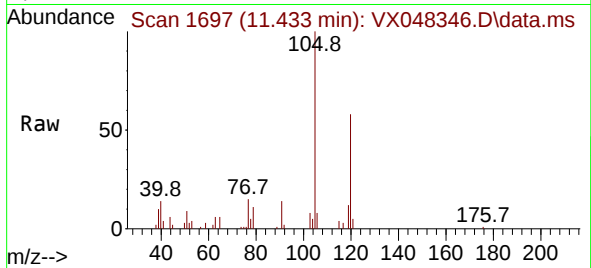




#80
1,3,5-Trimethylbenzene
Concen: 0.831 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048346.D
Acq: 24 Oct 2025 12:05

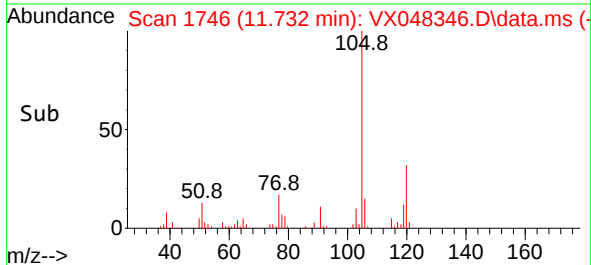
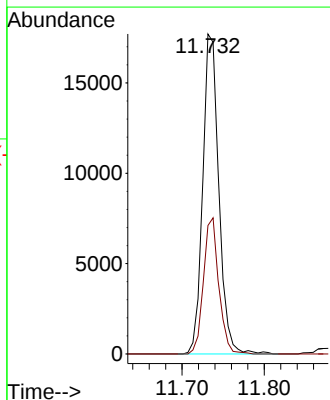
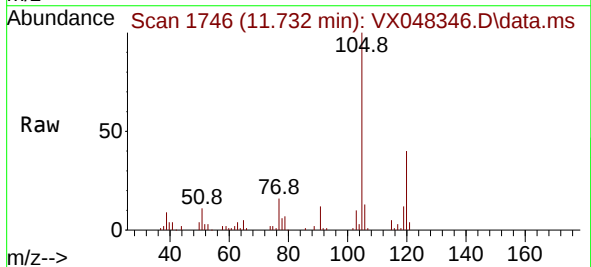
Instrument :
MSVOA_X
ClientSampleId :
SB-12DL

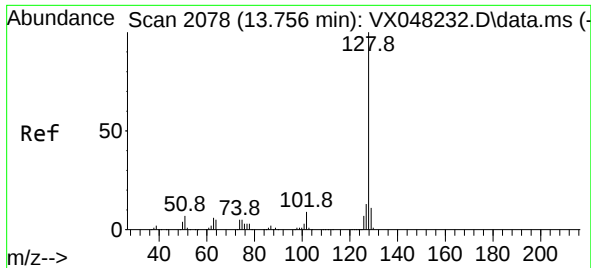
Tgt Ion:105 Resp: 7144
Ion Ratio Lower Upper
105 100
120 49.4 24.0 72.0



#84
1,2,4-Trimethylbenzene
Concen: 2.808 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048346.D
Acq: 24 Oct 2025 12:05

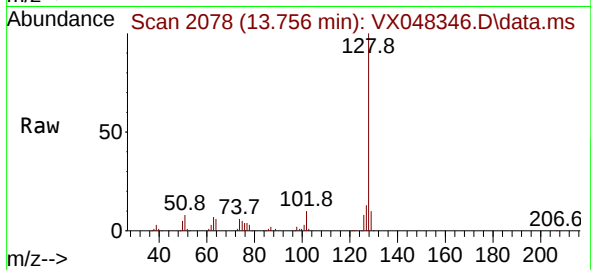
Tgt Ion:105 Resp: 24082
Ion Ratio Lower Upper
105 100
120 40.5 22.1 66.5





#95
Naphthalene
Concen: 10.225 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048346.D
Acq: 24 Oct 2025 12:05

Instrument :
MSVOA_X
ClientSampleId :
SB-12DL



Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	11.2	8.6	12.8

