

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
 Data File : VX048344.D
 Acq On : 24 Oct 2025 11:24
 Operator : JC/MD
 Sample : Q3414-13DL 40X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-13DL

Quant Time: Oct 24 16:07:23 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)

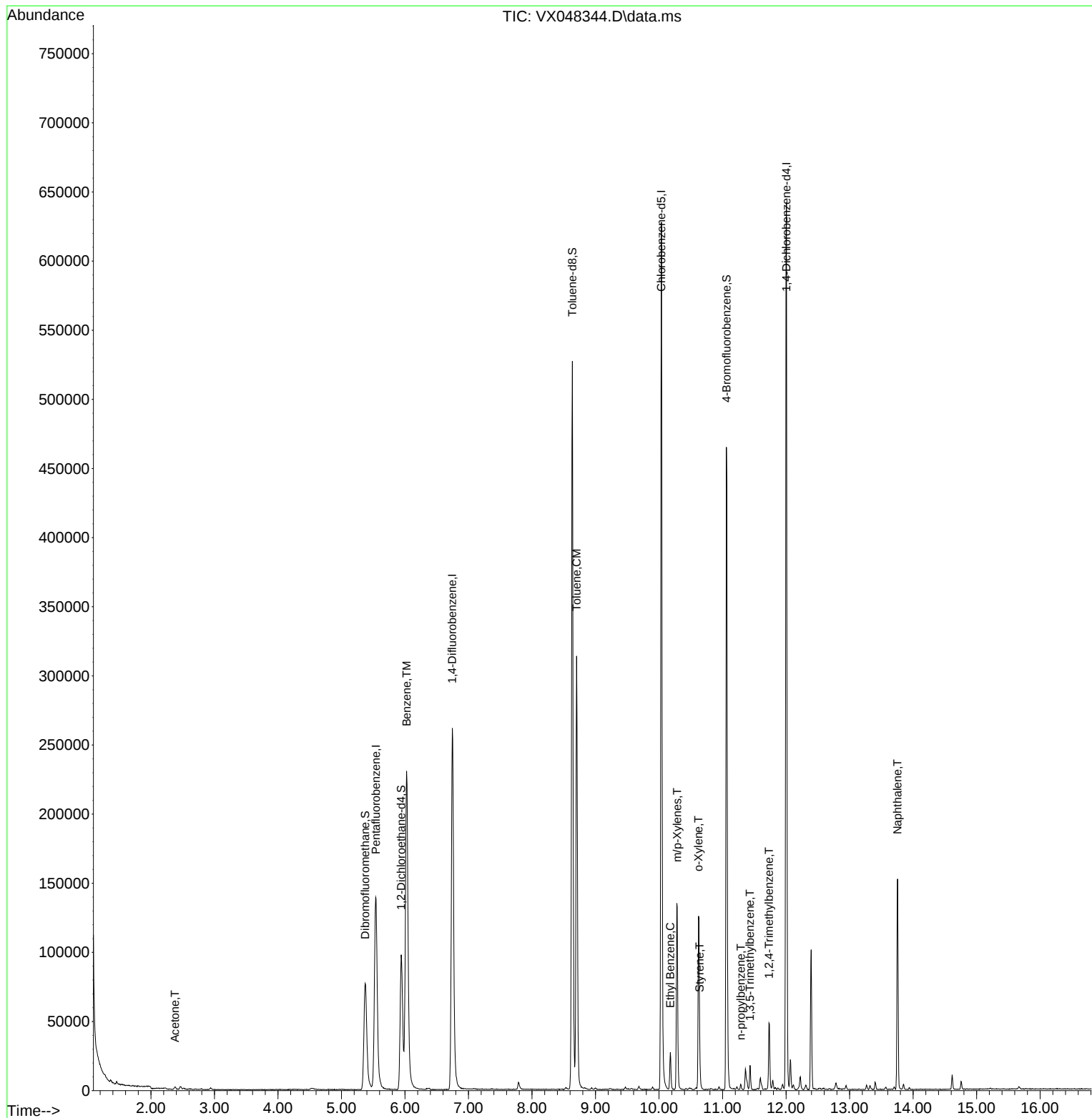
Internal Standards						
1) Pentafluorobenzene	5.544	168	139183	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	280348	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	274139	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	129964	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	108737	55.721	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	111.440%	
35) Dibromofluoromethane	5.373	113	75794	39.601	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	79.200%	
50) Toluene-d8	8.634	98	313366	46.712	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	93.420%	
62) 4-Bromofluorobenzene	11.061	95	127450	49.939	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	99.880%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	2584	3.860	ug/l #	85
40) Benzene	6.025	78	295802	37.453	ug/l	100
52) Toluene	8.702	92	117419	23.402	ug/l	99
67) Ethyl Benzene	10.177	91	15311	1.458	ug/l	92
68) m/p-Xylenes	10.287	106	31541	8.085	ug/l	96
69) o-Xylene	10.622	106	27533	7.311	ug/l	98
70) Styrene	10.640	104	6583	1.027	ug/l #	34
78) n-propylbenzene	11.286	91	2513	0.229	ug/l	96
80) 1,3,5-Trimethylbenzene	11.433	105	7078	0.901	ug/l	99
84) 1,2,4-Trimethylbenzene	11.731	105	21537	2.747	ug/l	94
95) Naphthalene	13.756	128	90550	11.997	ug/l	99

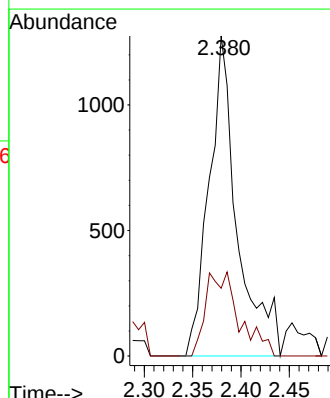
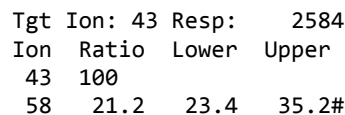
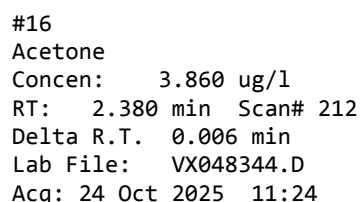
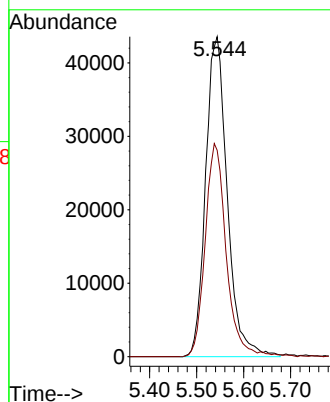
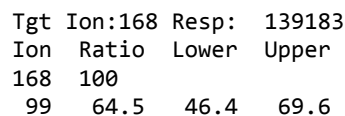
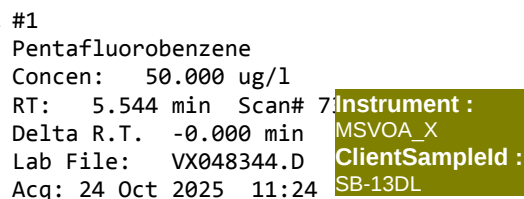
(#) = qualifier out of range (m) = manual integration (+) = signals summed

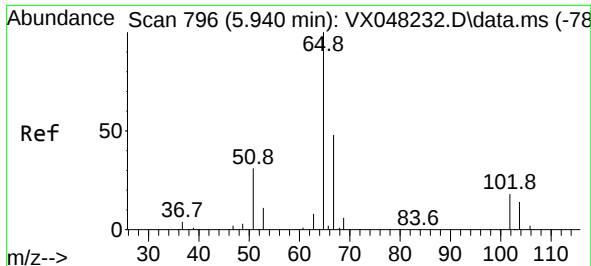
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102425\
Data File : VX048344.D
Acq On : 24 Oct 2025 11:24
Operator : JC/MD
Sample : Q3414-13DL 40X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SB-13DL

Quant Time: Oct 24 16:07:23 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



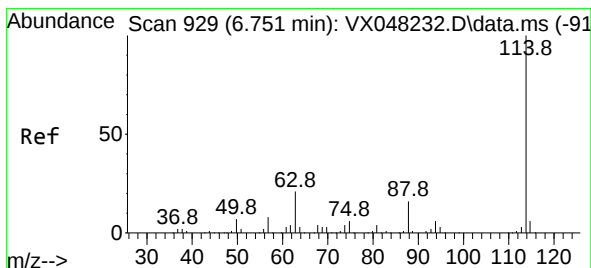
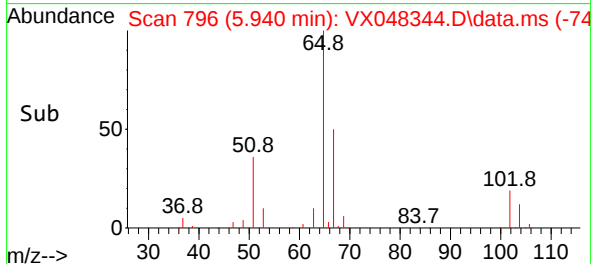
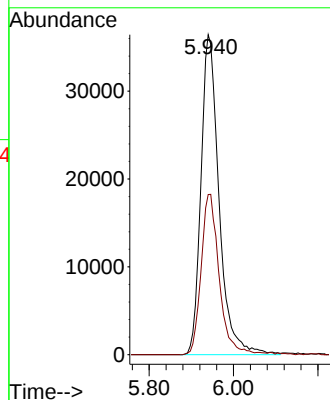
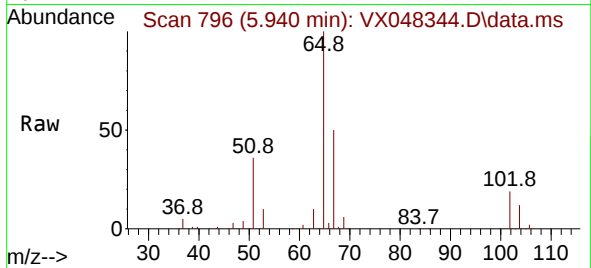




#33
 1,2-Dichloroethane-d4
 Concen: 55.721 ug/l
 RT: 5.940 min Scan# 796
 Delta R.T. -0.000 min
 Lab File: VX048344.D
 Acq: 24 Oct 2025 11:24

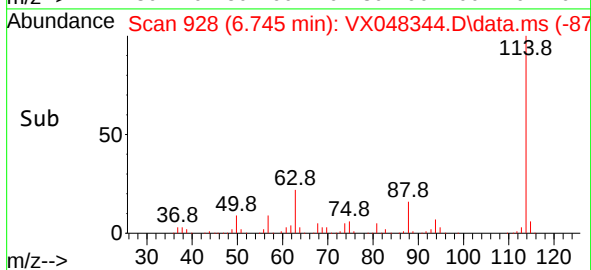
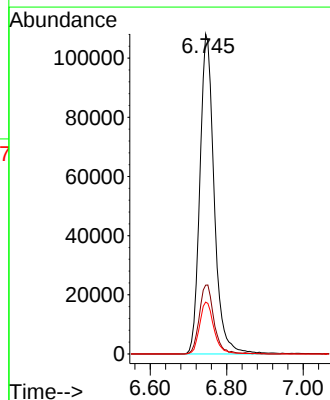
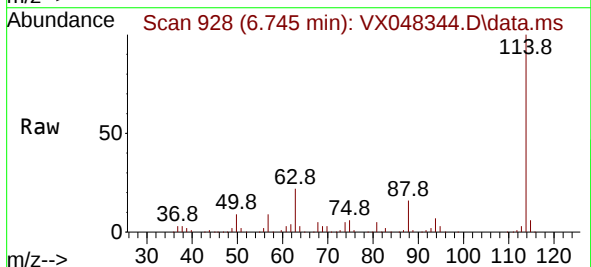
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-13DL

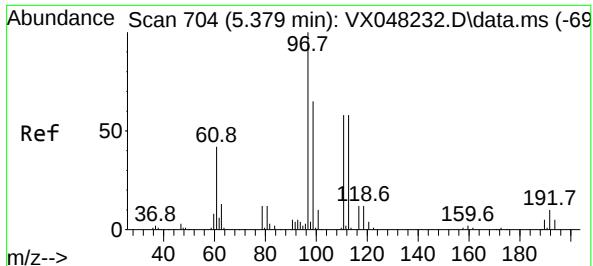
Tgt Ion: 65 Resp: 108737
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.745 min Scan# 928
 Delta R.T. -0.000 min
 Lab File: VX048344.D
 Acq: 24 Oct 2025 11:24

Tgt Ion: 114 Resp: 280348
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 43.2
 88 16.2 0.0 33.6

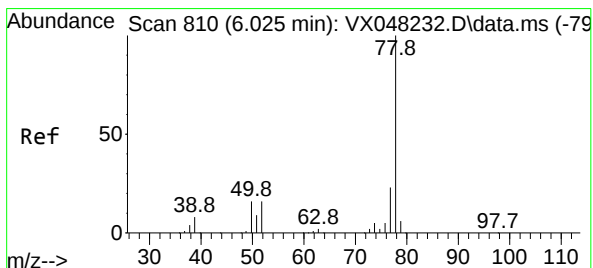
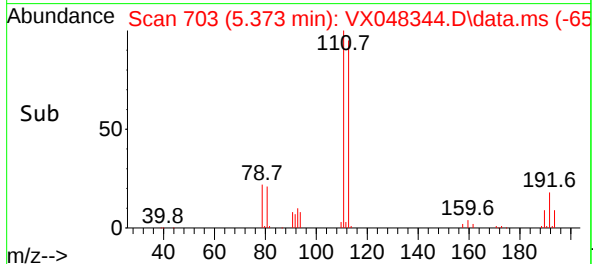
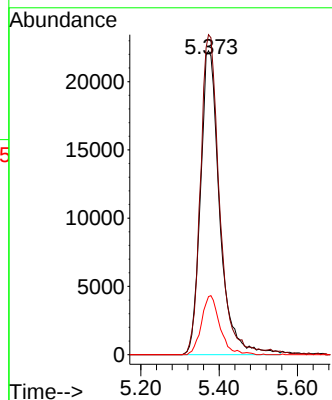
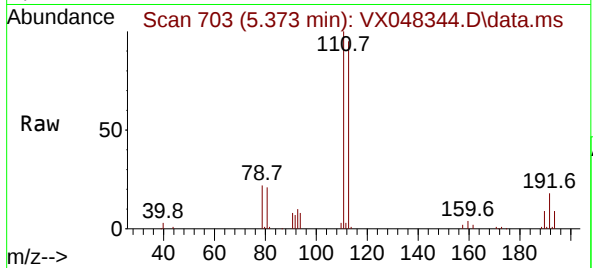




#35
Dibromofluoromethane
Concen: 39.601 ug/l
RT: 5.373 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX048344.D
Acq: 24 Oct 2025 11:24

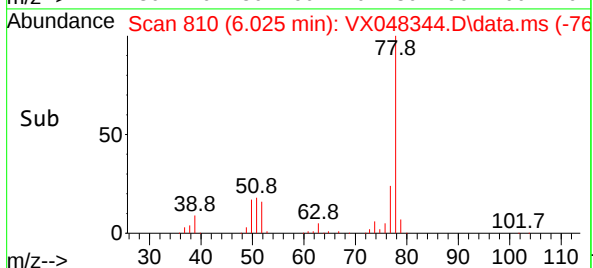
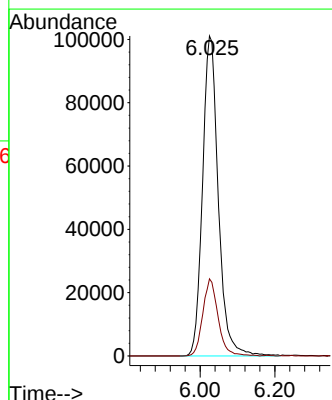
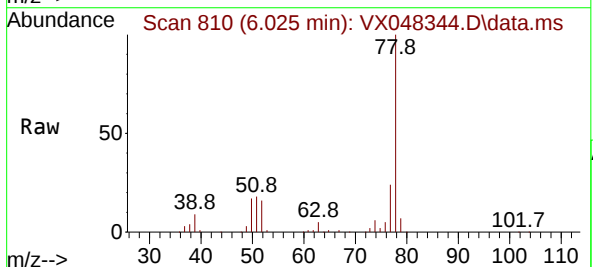
Instrument :
MSVOA_X
ClientSampleId :
SB-13DL

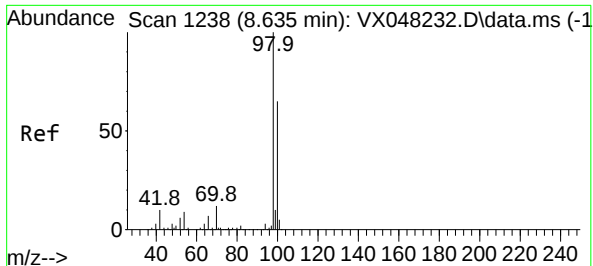
Tgt Ion:113 Resp: 75794
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.4
192 18.4 15.1 22.7



#40
Benzene
Concen: 37.453 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX048344.D
Acq: 24 Oct 2025 11:24

Tgt Ion: 78 Resp: 295802
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9

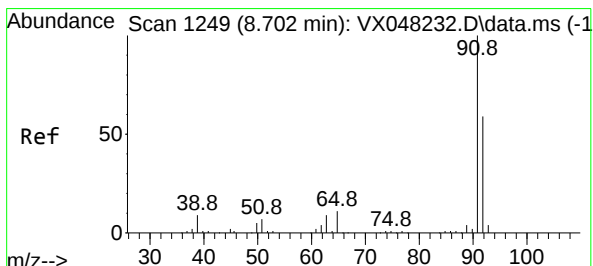
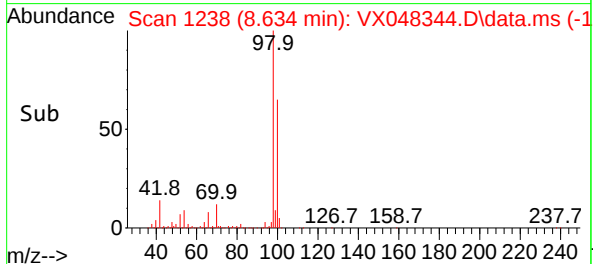
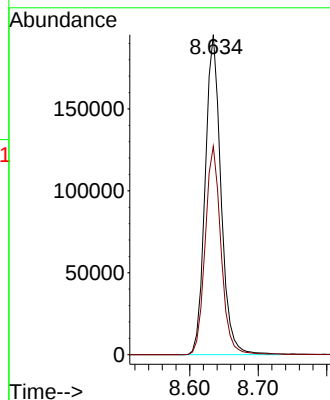
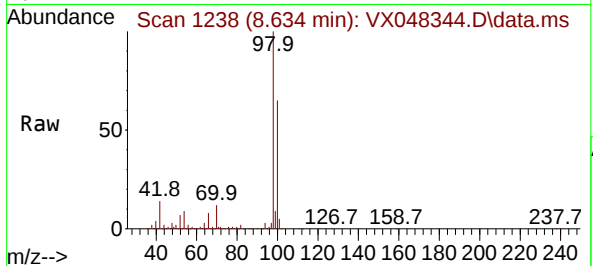




#50
Toluene-d8
Concen: 46.712 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048344.D
Acq: 24 Oct 2025 11:24

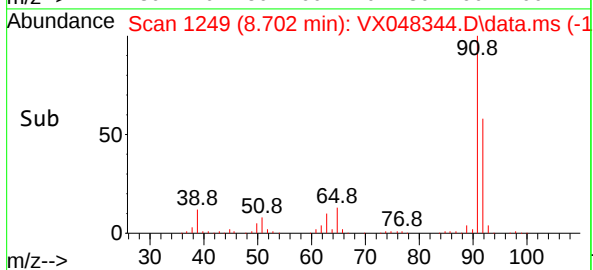
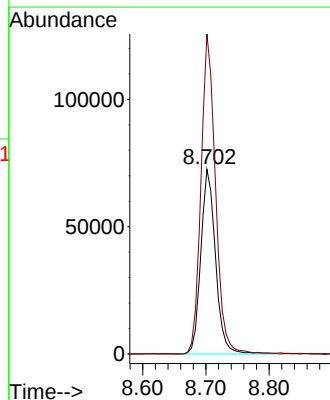
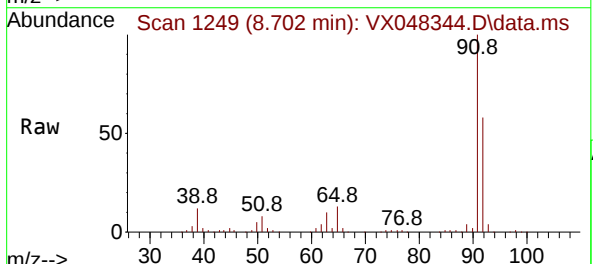
Instrument :
MSVOA_X
ClientSampleId :
SB-13DL

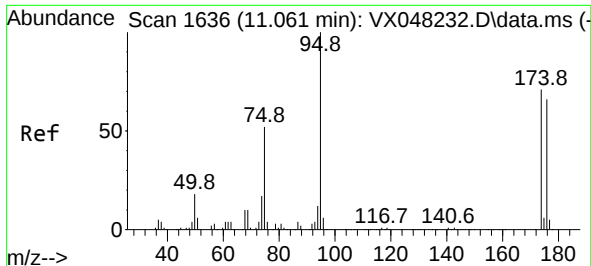
Tgt Ion: 98 Resp: 313366
Ion Ratio Lower Upper
98 100
100 65.3 53.0 79.4



#52
Toluene
Concen: 23.402 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048344.D
Acq: 24 Oct 2025 11:24

Tgt Ion: 92 Resp: 117419
Ion Ratio Lower Upper
92 100
91 171.5 136.1 204.1

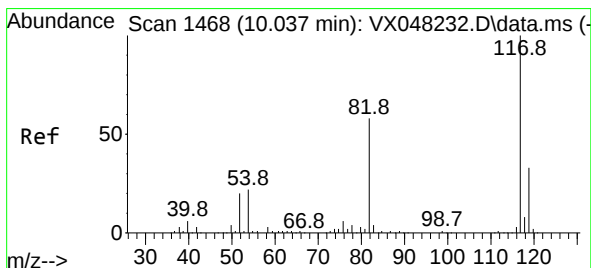
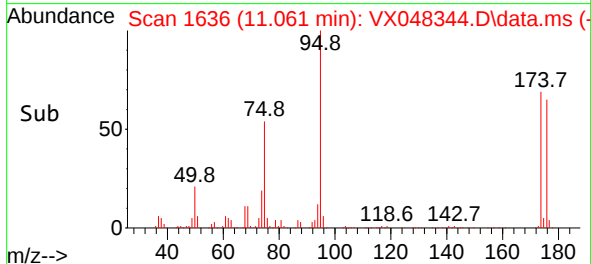
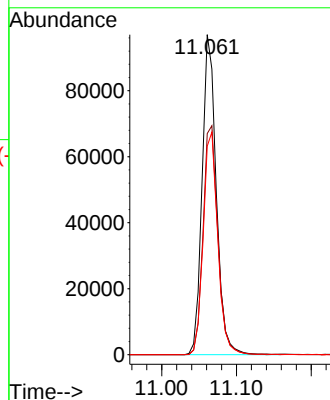
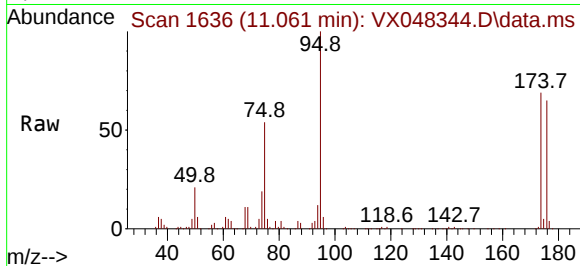




#62
4-Bromofluorobenzene
Concen: 49.939 ug/l
RT: 11.061 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048344.D
Acq: 24 Oct 2025 11:24

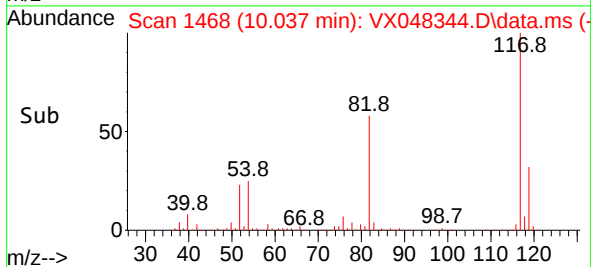
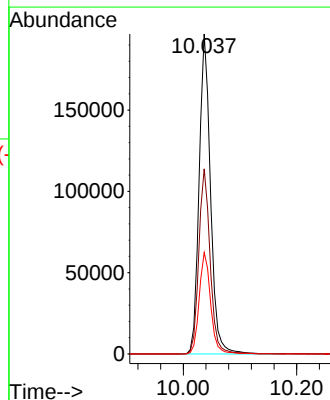
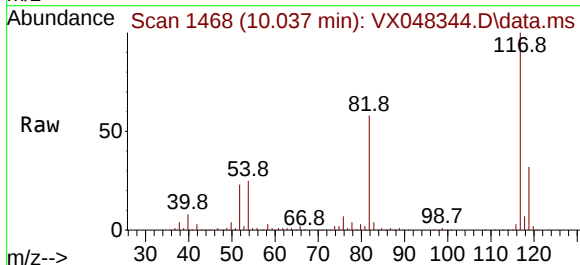
Instrument :
MSVOA_X
ClientSampleId :
SB-13DL

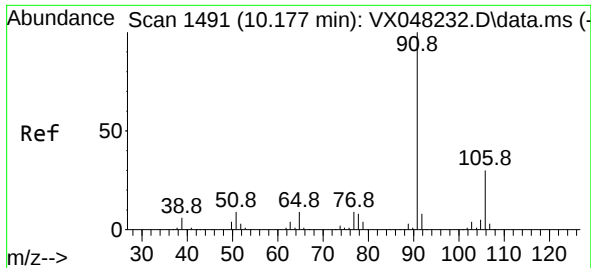
Tgt Ion: 95 Resp: 127450
Ion Ratio Lower Upper
95 100
174 74.8 0.0 147.8
176 71.6 0.0 142.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048344.D
Acq: 24 Oct 2025 11:24

Tgt Ion: 117 Resp: 274139
Ion Ratio Lower Upper
117 100
82 57.8 46.5 69.7
119 31.7 25.9 38.9

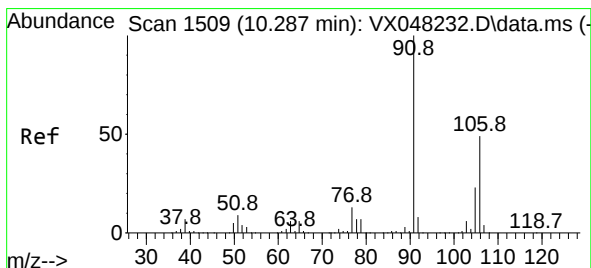
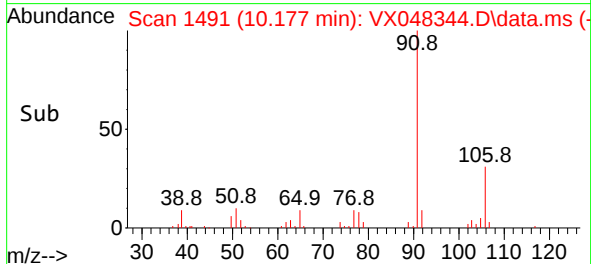
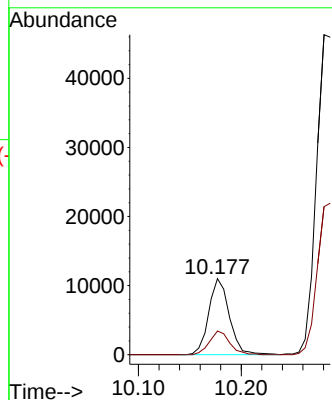
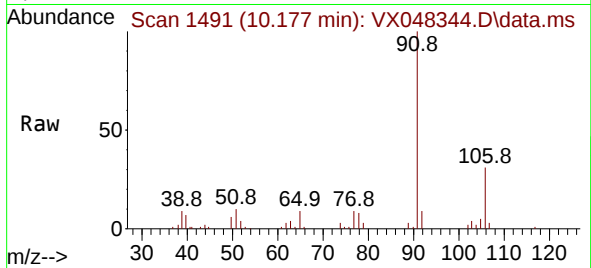




#67
Ethyl Benzene
Concen: 1.458 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048344.D
Acq: 24 Oct 2025 11:24

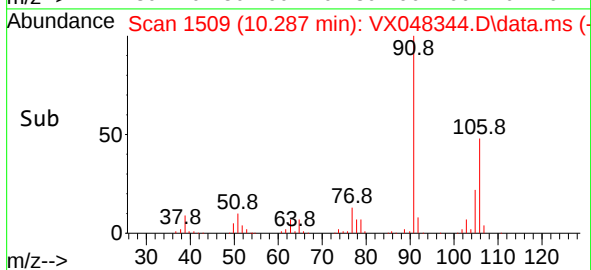
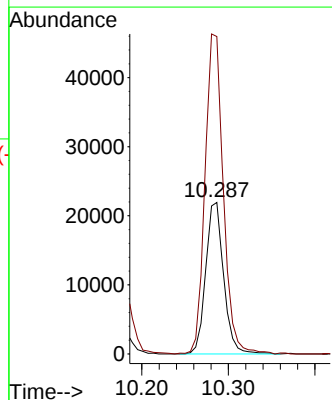
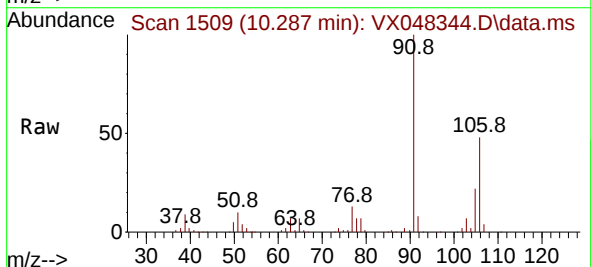
Instrument :
MSVOA_X
ClientSampleId :
SB-13DL

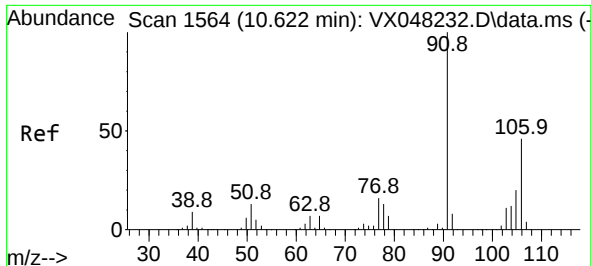
Tgt Ion: 91 Resp: 15311
Ion Ratio Lower Upper
91 100
106 33.8 23.8 35.6



#68
m/p-Xylenes
Concen: 8.085 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048344.D
Acq: 24 Oct 2025 11:24

Tgt Ion:106 Resp: 31541
Ion Ratio Lower Upper
106 100
91 215.4 167.9 251.9

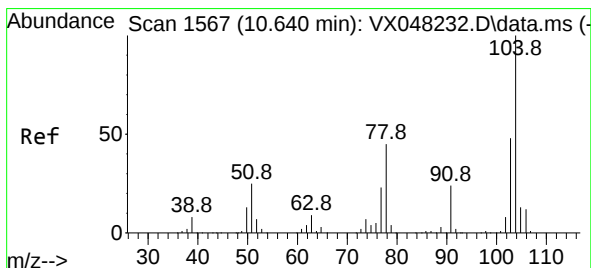
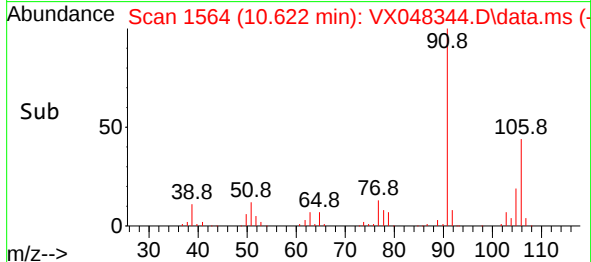
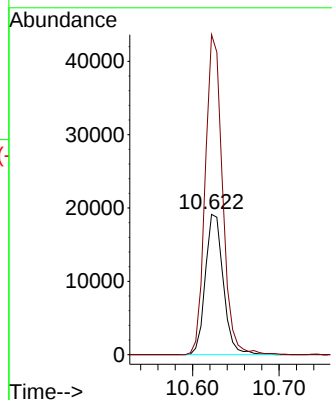
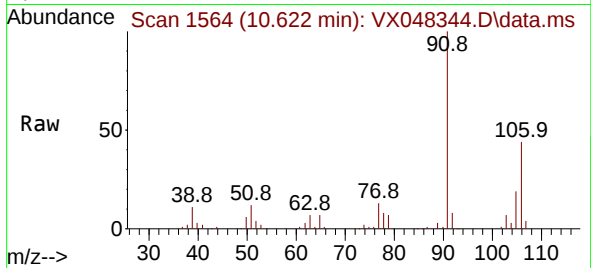




#69
o-Xylene
Concen: 7.311 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. -0.000 min
Lab File: VX048344.D
Acq: 24 Oct 2025 11:24

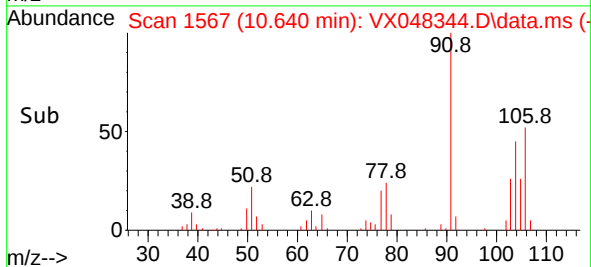
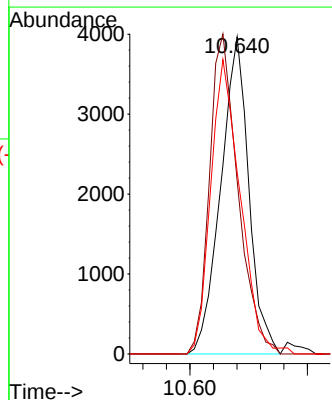
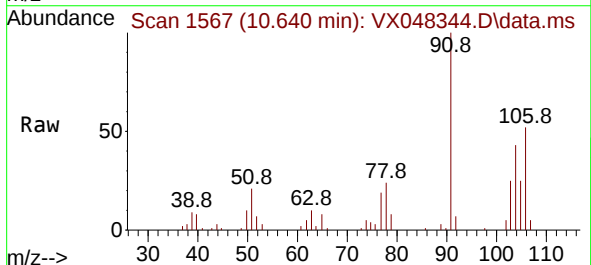
Instrument :
MSVOA_X
ClientSampleId :
SB-13DL

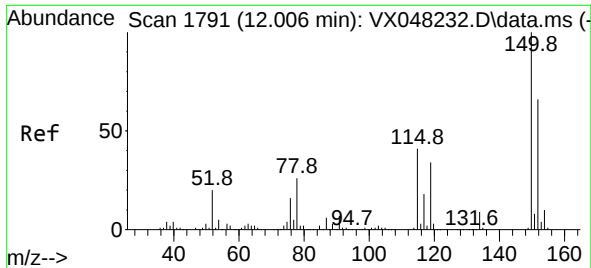
Tgt Ion:106 Resp: 27533
Ion Ratio Lower Upper
106 100
91 219.8 111.3 333.9



#70
Styrene
Concen: 1.027 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048344.D
Acq: 24 Oct 2025 11:24

Tgt Ion:104 Resp: 6583
Ion Ratio Lower Upper
104 100
78 102.3 42.2 63.4#
103 97.5 43.0 64.4#

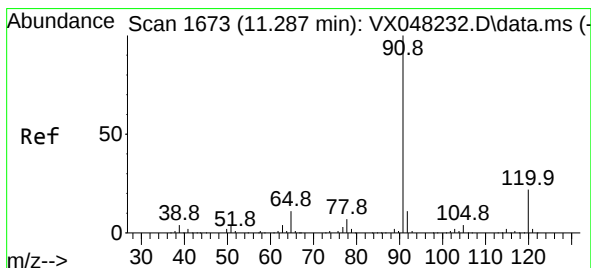
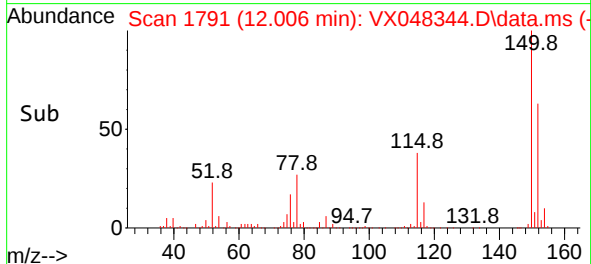
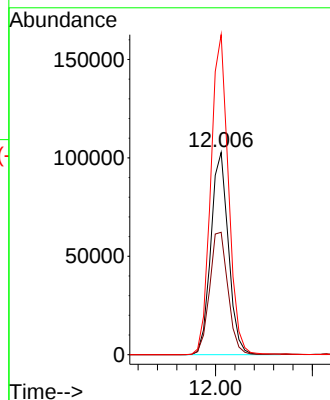
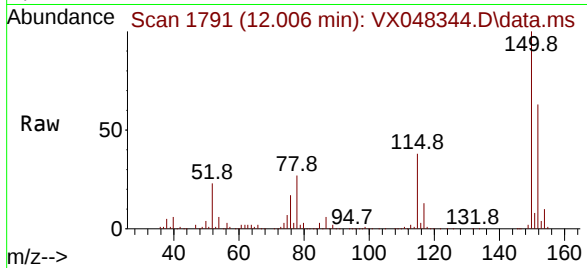




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048344.D
Acq: 24 Oct 2025 11:24

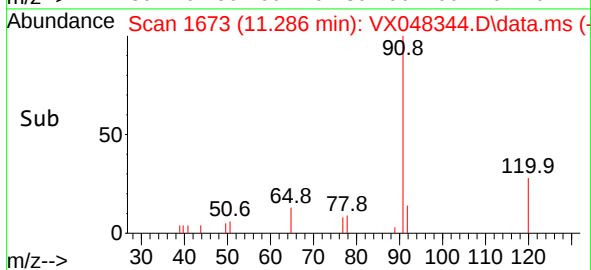
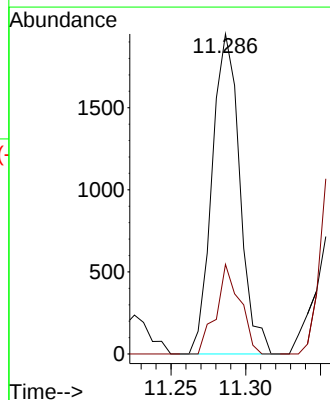
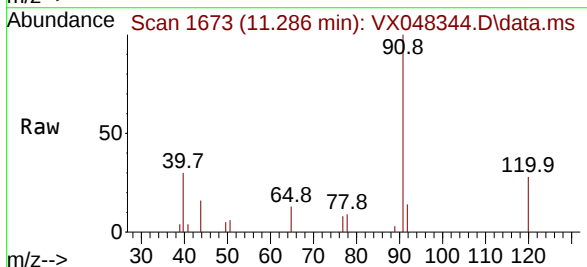
Instrument :
MSVOA_X
ClientSampleId :
SB-13DL

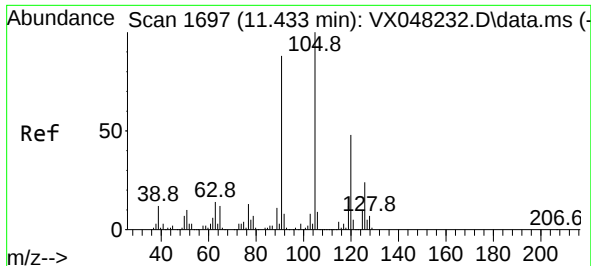
Tgt Ion:152 Resp: 129964
Ion Ratio Lower Upper
152 100
115 63.2 43.1 129.4
150 158.9 0.0 353.0



#78
n-propylbenzene
Concen: 0.229 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048344.D
Acq: 24 Oct 2025 11:24

Tgt Ion: 91 Resp: 2513
Ion Ratio Lower Upper
91 100
120 24.2 11.1 33.1

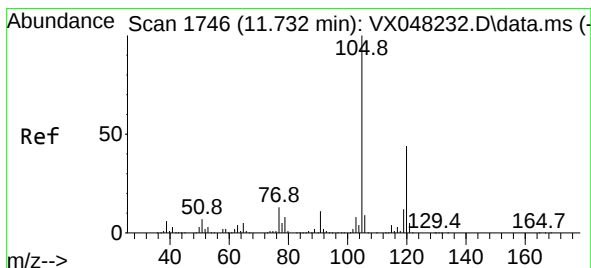
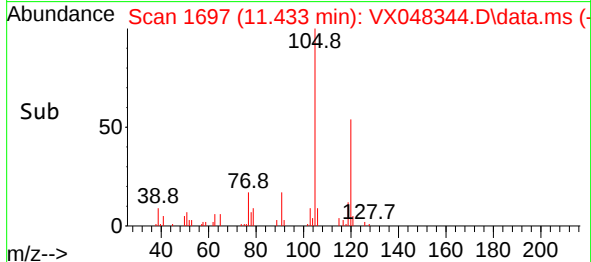
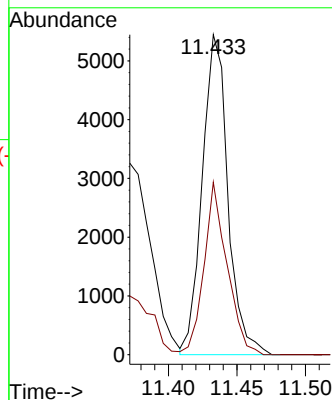
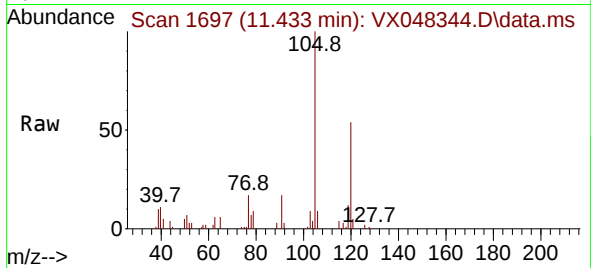




#80
1,3,5-Trimethylbenzene
Concen: 0.901 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048344.D
Acq: 24 Oct 2025 11:24

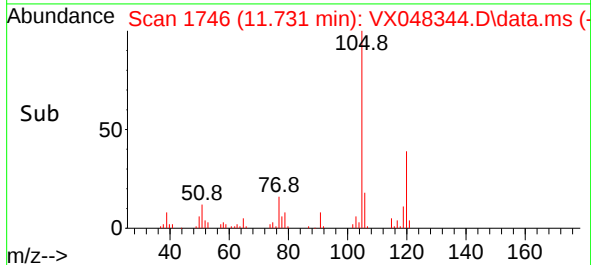
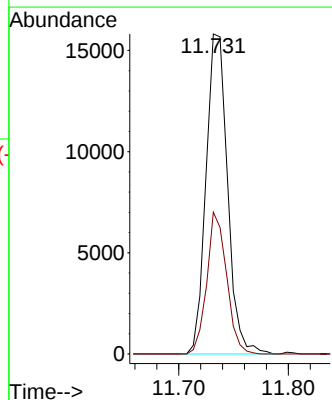
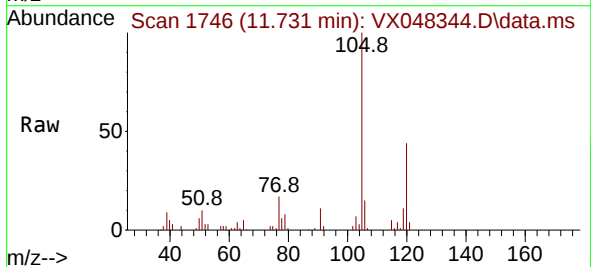
Instrument :
MSVOA_X
ClientSampleId :
SB-13DL

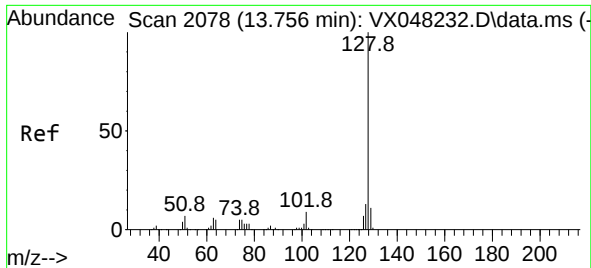
Tgt Ion:105 Resp: 7078
Ion Ratio Lower Upper
105 100
120 48.5 24.0 72.0



#84
1,2,4-Trimethylbenzene
Concen: 2.747 ug/l
RT: 11.731 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048344.D
Acq: 24 Oct 2025 11:24

Tgt Ion:105 Resp: 21537
Ion Ratio Lower Upper
105 100
120 40.7 22.1 66.5





#95

Naphthalene

Concen: 11.997 ug/l

RT: 13.756 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX048344.D

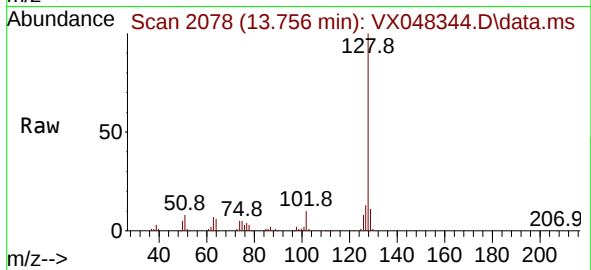
Acq: 24 Oct 2025 11:24

Instrument :

MSVOA_X

ClientSampleId :

SB-13DL



Tgt Ion:128 Resp: 90550

Ion Ratio Lower Upper

128 100

127 12.4 10.2 15.4

129 10.5 8.6 12.8

