

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102725\
 Data File : VX048364.D
 Acq On : 27 Oct 2025 12:38
 Operator : JC/MD
 Sample : Q3446-06 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-19

Quant Time: Oct 28 01:51:52 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)

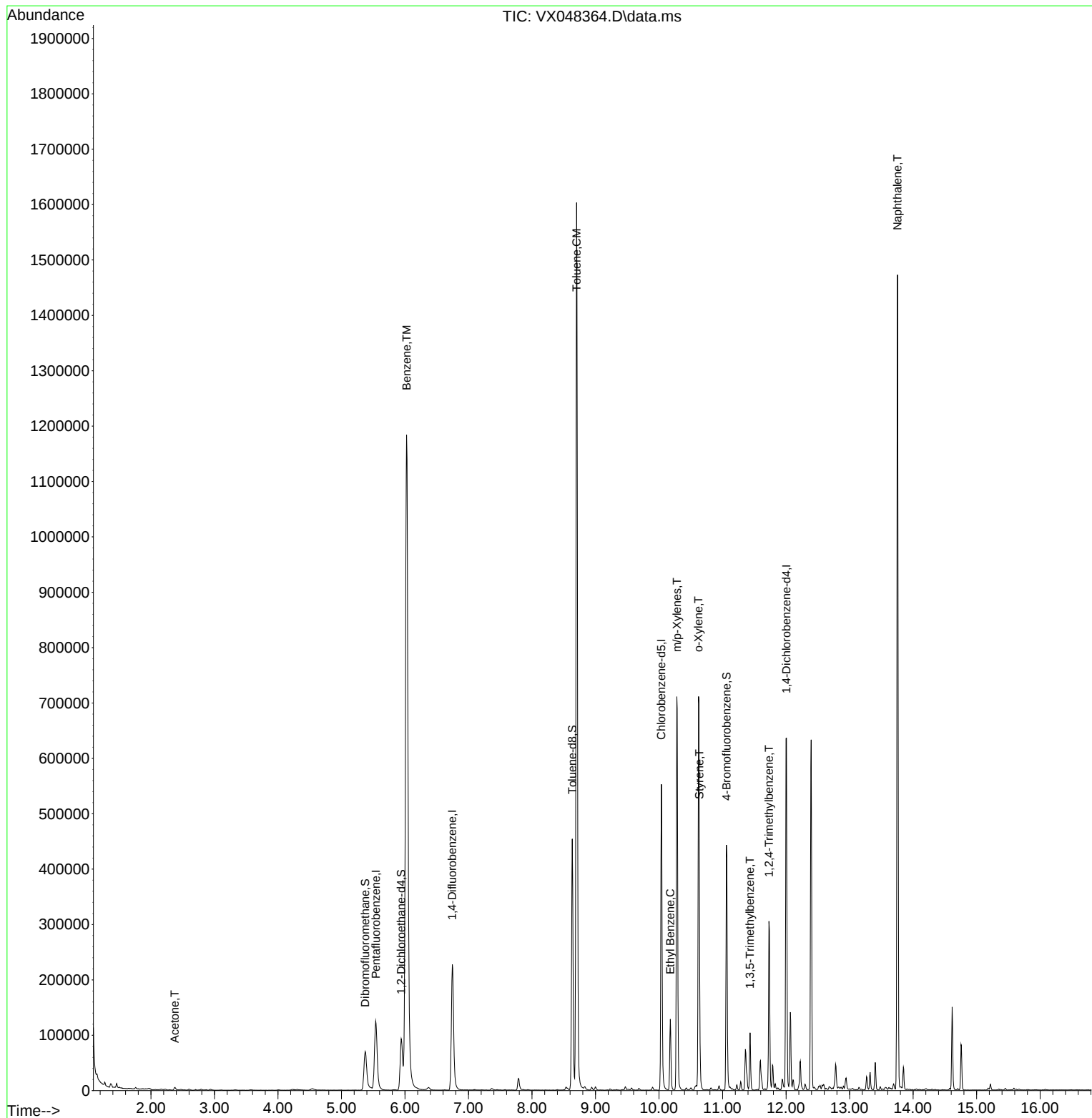
Internal Standards						
1) Pentafluorobenzene	5.544	168	122246	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	246963	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	253508	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	134331	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	103535	60.406	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 120.820%#	
35) Dibromofluoromethane	5.373	113	70084	41.568	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 83.140%	
50) Toluene-d8	8.635	98	276217	46.740	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 93.480%	
62) 4-Bromofluorobenzene	11.061	95	125372	55.766	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 111.540%	
Target Compounds						Qvalue
16) Acetone	2.374	43	6995	11.896	ug/l	96
40) Benzene	6.025	78	1531284	220.094	ug/l	99
52) Toluene	8.702	92	617832	139.783	ug/l	100
67) Ethyl Benzene	10.177	91	74300	7.652	ug/l	97
68) m/p-Xylenes	10.281	106	169667	47.032	ug/l	100
69) o-Xylene	10.622	106	152714	43.848	ug/l	98
70) Styrene	10.634	104	35075	5.915	ug/l #	35
80) 1,3,5-Trimethylbenzene	11.433	105	42941	5.289	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	131747	16.259	ug/l	93
95) Naphthalene	13.756	128	856167	109.742	ug/l	100

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

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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

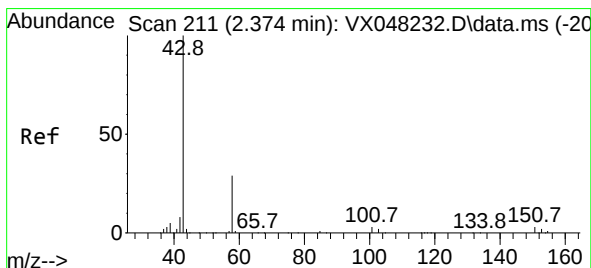
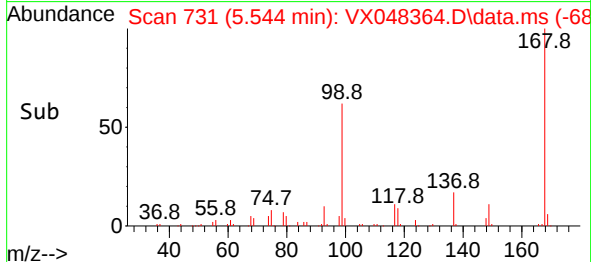
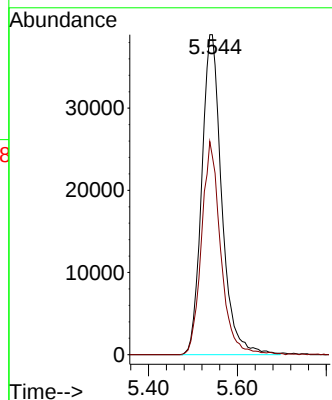
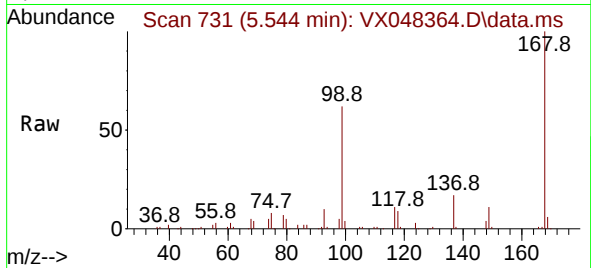




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048364.D
Acq: 27 Oct 2025 12:38

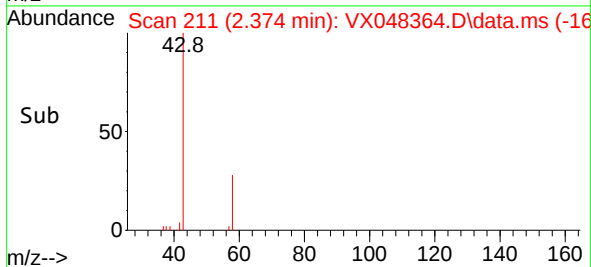
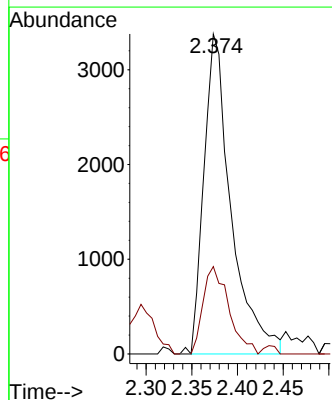
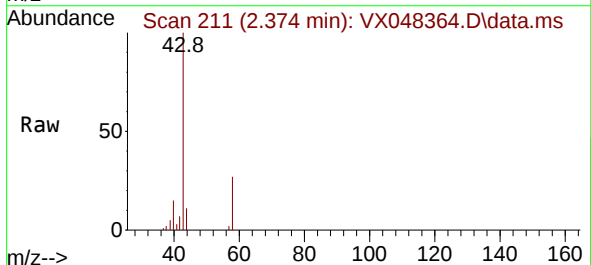
Instrument :
MSVOA_X
ClientSampleId :
SB-19

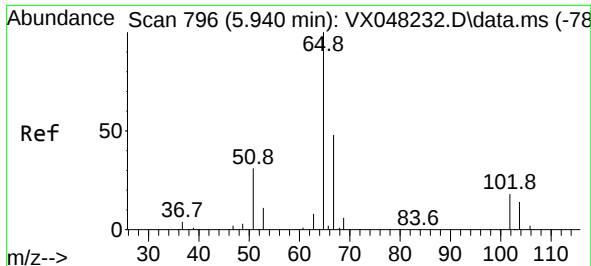
Tgt Ion:168 Resp: 122246
Ion Ratio Lower Upper
168 100
99 62.0 46.4 69.6



#16
Acetone
Concen: 11.896 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048364.D
Acq: 27 Oct 2025 12:38

Tgt Ion: 43 Resp: 6995
Ion Ratio Lower Upper
43 100
58 27.3 23.4 35.2





#33

1,2-Dichloroethane-d4

Concen: 60.406 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX048364.D

Acq: 27 Oct 2025 12:38

Instrument :

MSVOA_X

ClientSampleId :

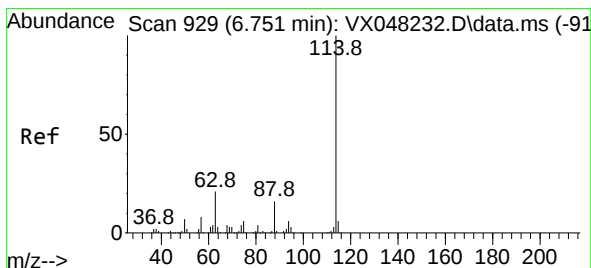
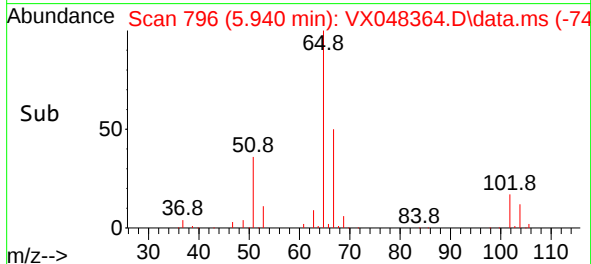
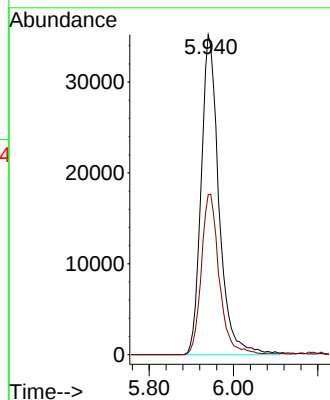
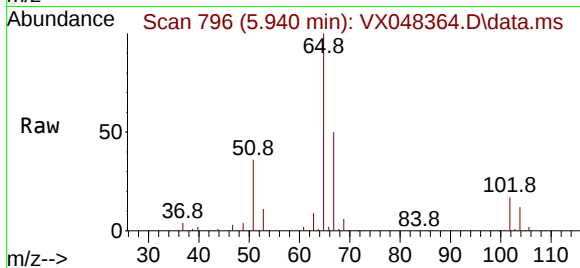
SB-19

Tgt Ion: 65 Resp: 103535

Ion Ratio Lower Upper

65 100

67 50.5 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: VX048364.D

Acq: 27 Oct 2025 12:38

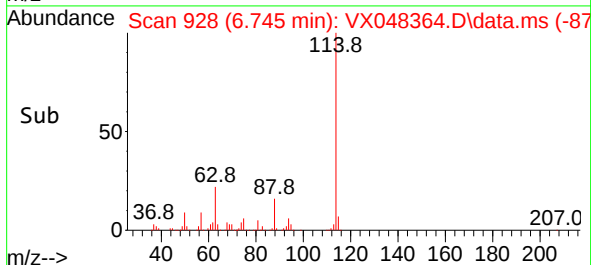
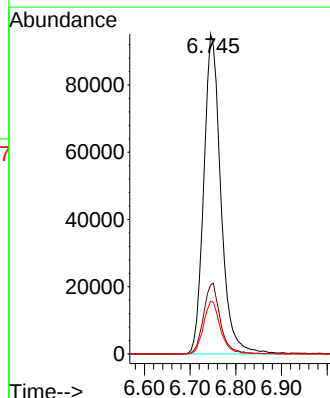
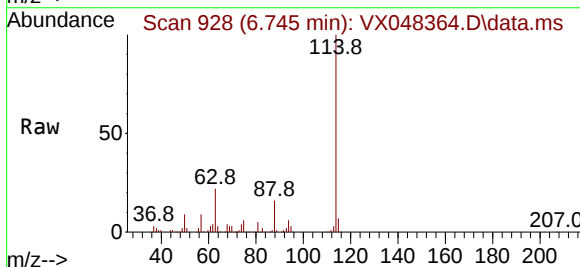
Tgt Ion: 114 Resp: 246963

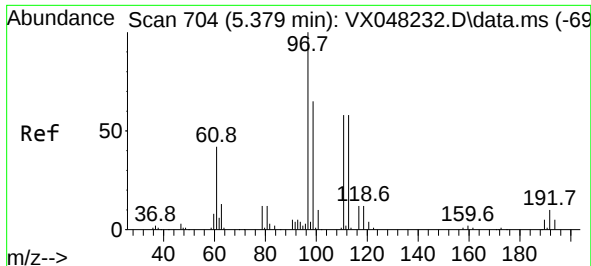
Ion Ratio Lower Upper

114 100

63 21.5 0.0 43.2

88 16.5 0.0 33.6

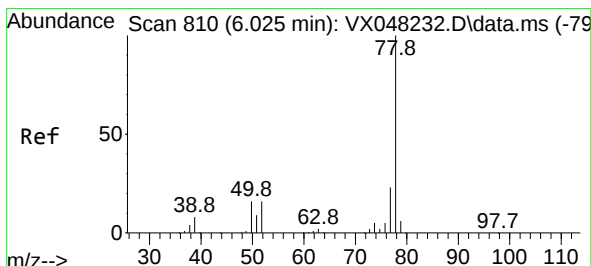
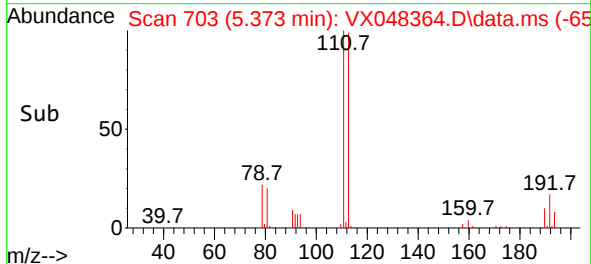
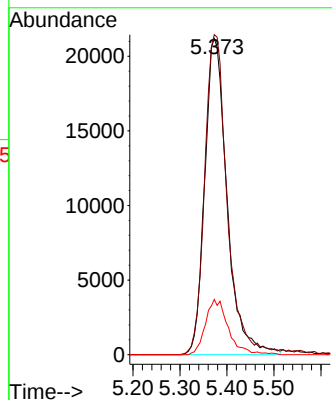
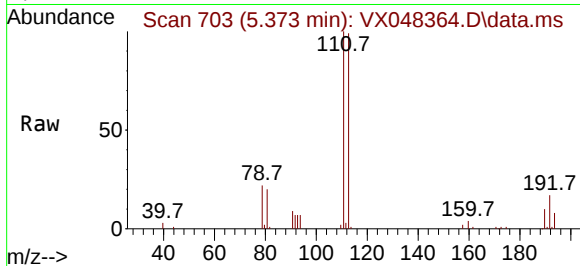




#35
Dibromofluoromethane
Concen: 41.568 ug/l
RT: 5.373 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX048364.D
Acq: 27 Oct 2025 12:38

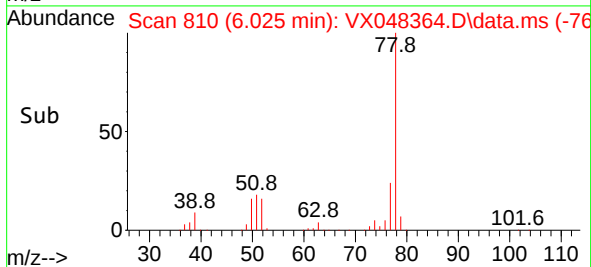
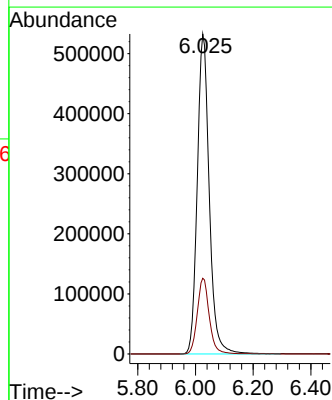
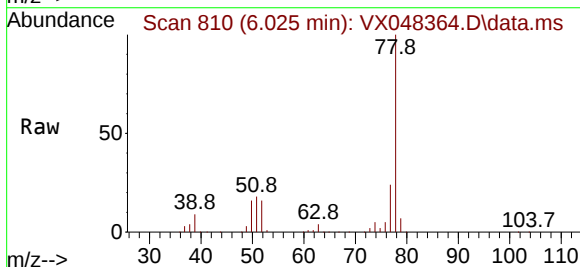
Instrument :
MSVOA_X
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SB-19

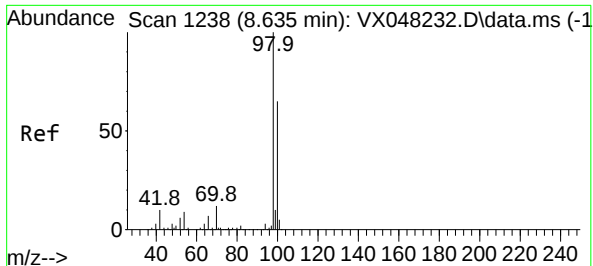
Tgt Ion:113 Resp: 70084
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.4
192 17.9 15.1 22.7



#40
Benzene
Concen: 220.094 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX048364.D
Acq: 27 Oct 2025 12:38

Tgt Ion: 78 Resp: 1531284
Ion Ratio Lower Upper
78 100
77 23.6 19.3 28.9





#50

Toluene-d8

Concen: 46.740 ug/l

RT: 8.635 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VX048364.D

Acq: 27 Oct 2025 12:38

Instrument :

MSVOA_X

ClientSampleId :

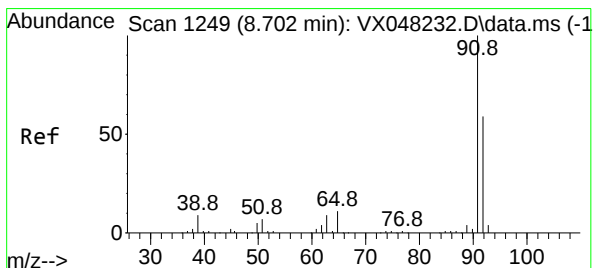
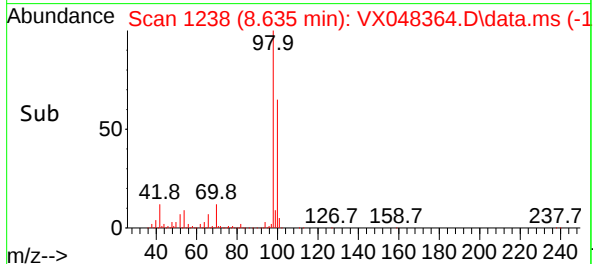
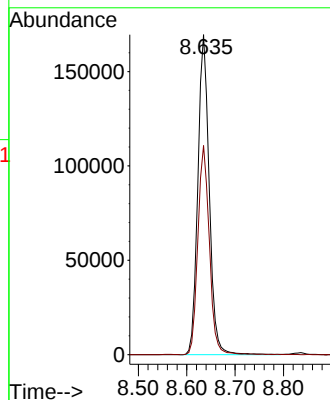
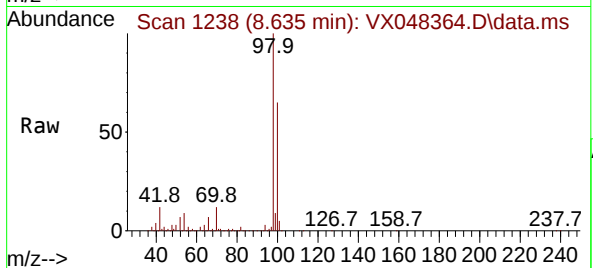
SB-19

Tgt Ion: 98 Resp: 276217

Ion Ratio Lower Upper

98 100

100 66.1 53.0 79.4



#52

Toluene

Concen: 139.783 ug/l

RT: 8.702 min Scan# 1249

Delta R.T. -0.000 min

Lab File: VX048364.D

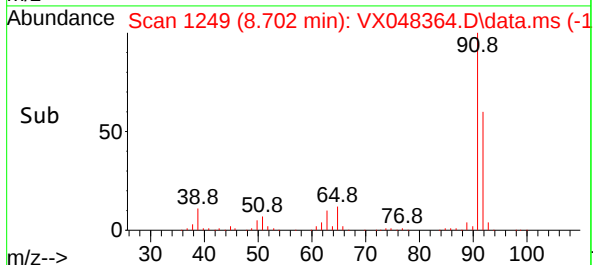
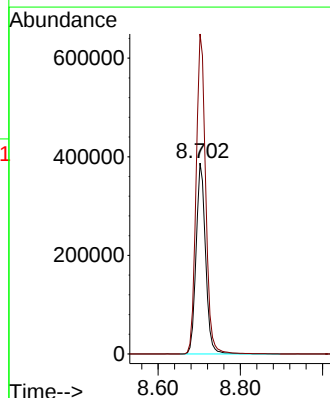
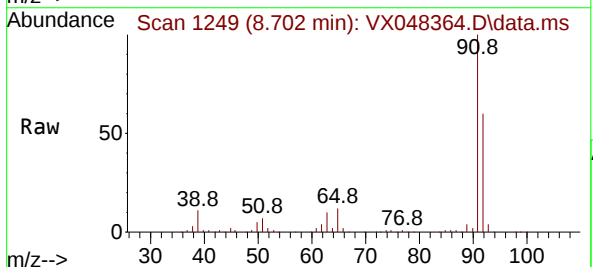
Acq: 27 Oct 2025 12:38

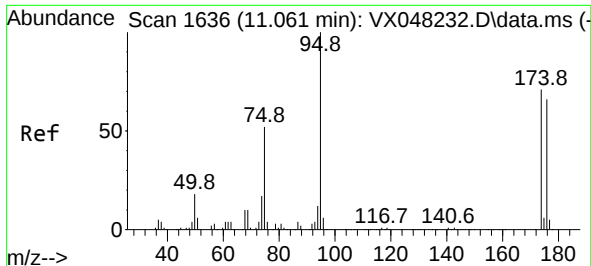
Tgt Ion: 92 Resp: 617832

Ion Ratio Lower Upper

92 100

91 169.6 136.1 204.1

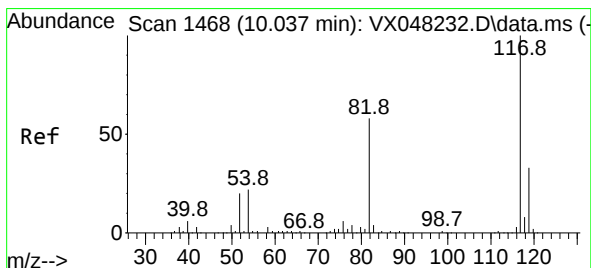
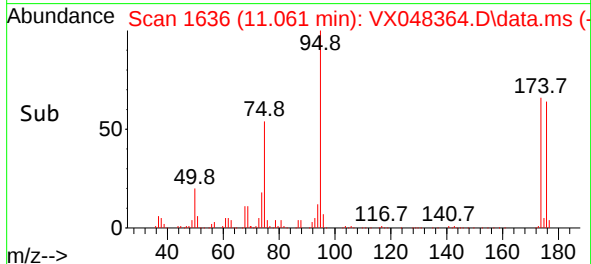
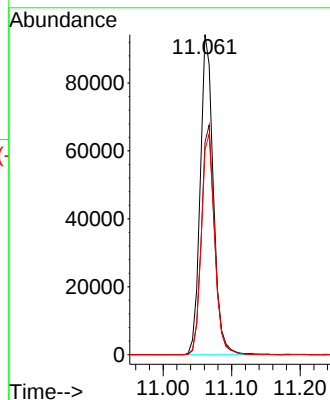
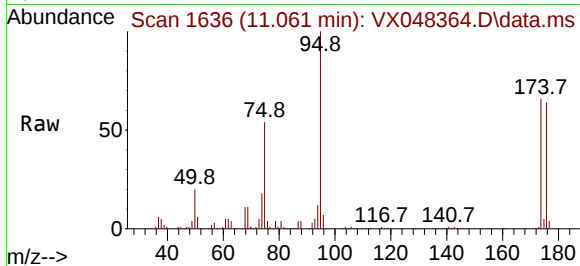




#62
4-Bromofluorobenzene
Concen: 55.766 ug/l
RT: 11.061 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048364.D
Acq: 27 Oct 2025 12:38

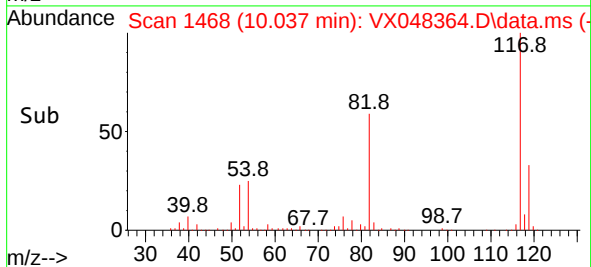
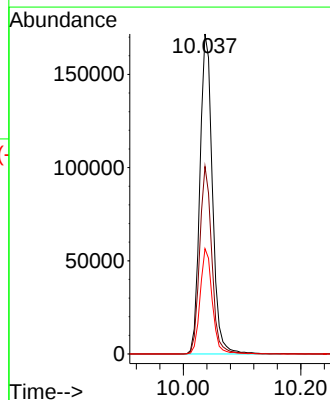
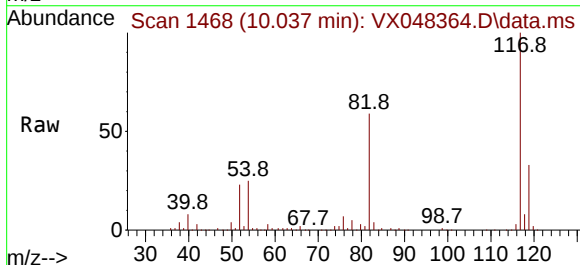
Instrument :
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SB-19

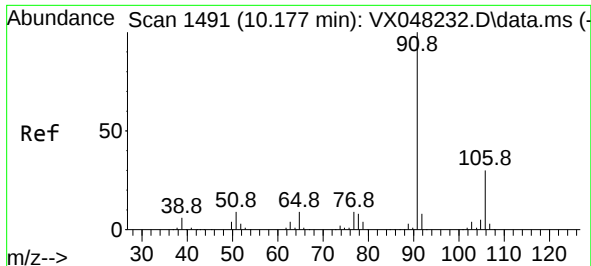
Tgt Ion: 95 Resp: 125372
Ion Ratio Lower Upper
95 100
174 71.9 0.0 147.8
176 70.3 0.0 142.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048364.D
Acq: 27 Oct 2025 12:38

Tgt Ion: 117 Resp: 253508
Ion Ratio Lower Upper
117 100
82 58.6 46.5 69.7
119 32.9 25.9 38.9





#67

Ethyl Benzene

Concen: 7.652 ug/l

RT: 10.177 min Scan# 1491

Delta R.T. -0.000 min

Lab File: VX048364.D

Acq: 27 Oct 2025 12:38

Instrument :

MSVOA_X

ClientSampleId :

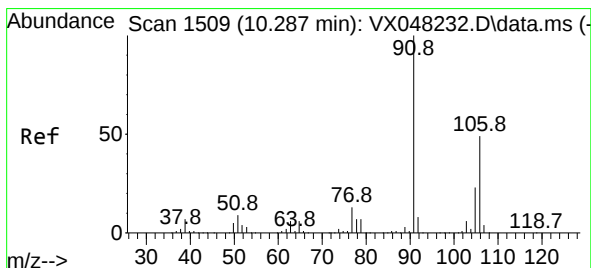
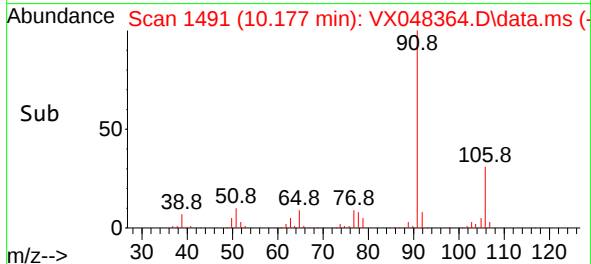
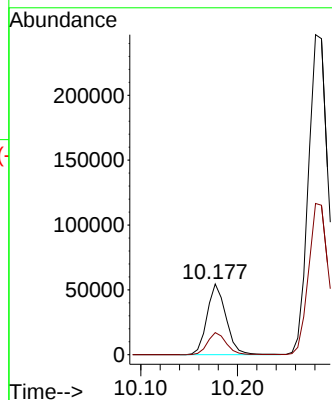
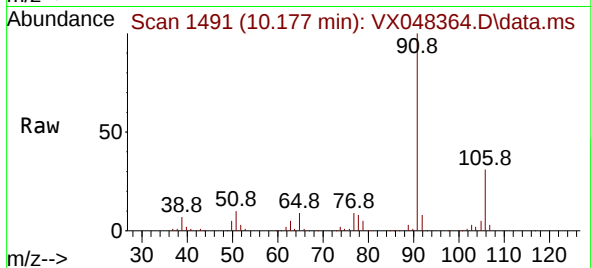
SB-19

Tgt Ion: 91 Resp: 74300

Ion Ratio Lower Upper

91 100

106 31.2 23.8 35.6



#68

m/p-Xylenes

Concen: 47.032 ug/l

RT: 10.281 min Scan# 1508

Delta R.T. -0.006 min

Lab File: VX048364.D

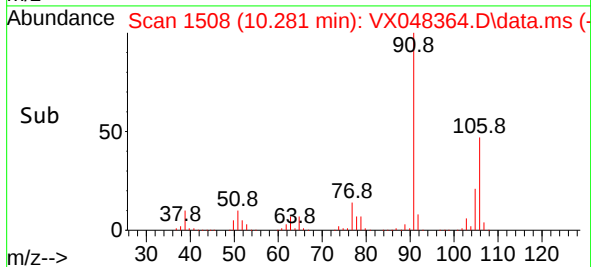
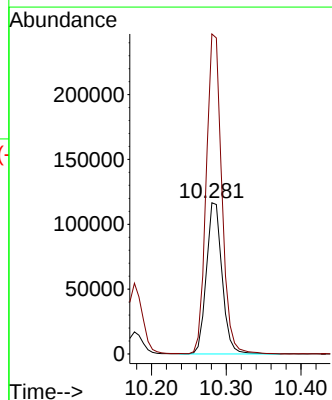
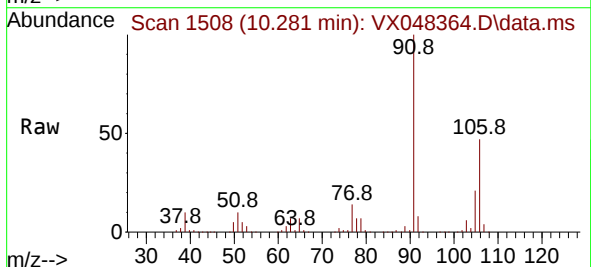
Acq: 27 Oct 2025 12:38

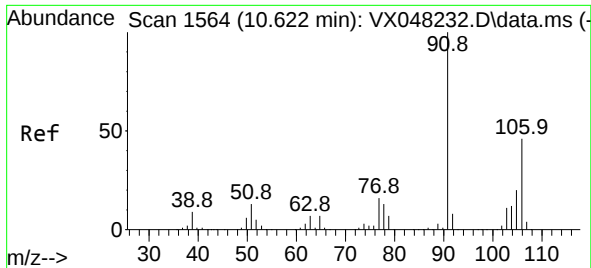
Tgt Ion:106 Resp: 169667

Ion Ratio Lower Upper

106 100

91 210.0 167.9 251.9

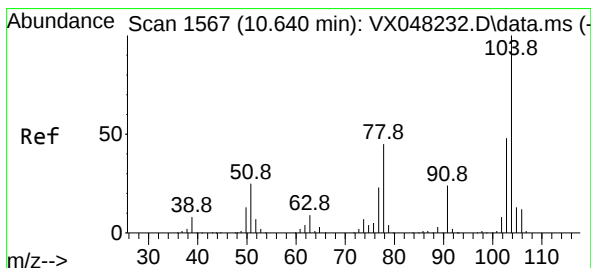
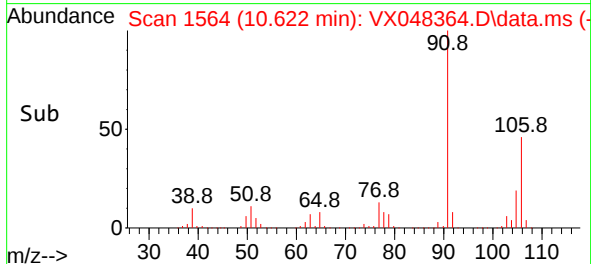
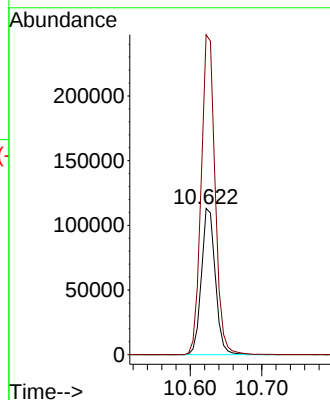
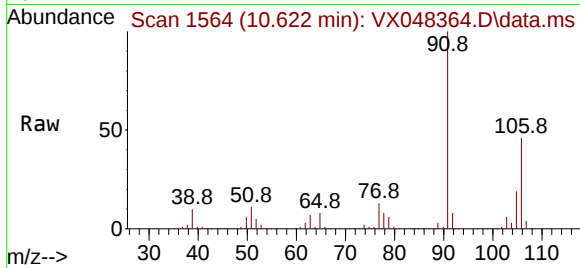




#69
o-Xylene
Concen: 43.848 ug/l
RT: 10.622 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048364.D
Acq: 27 Oct 2025 12:38

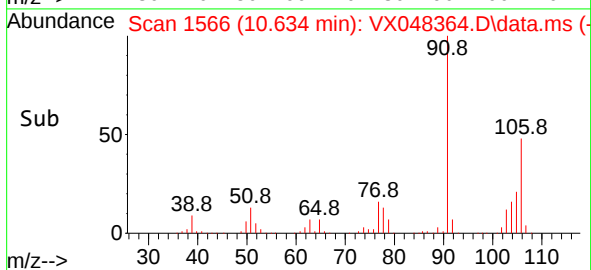
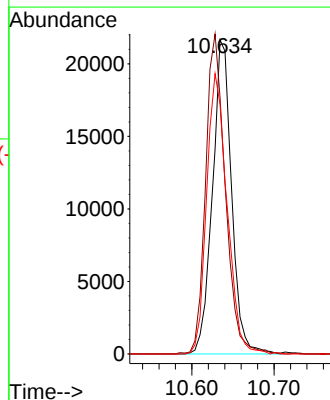
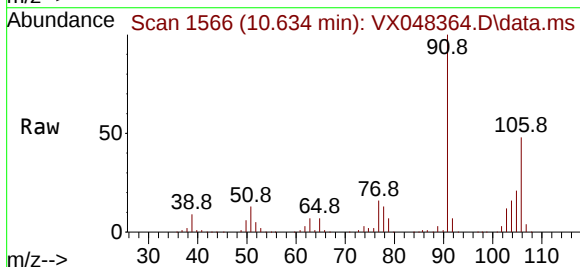
Instrument :
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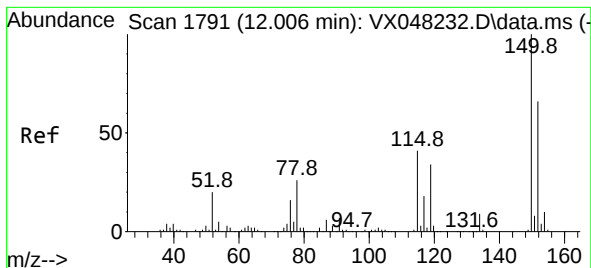
Tgt Ion:106 Resp: 152714
Ion Ratio Lower Upper
106 100
91 219.6 111.3 333.9



#70
Styrene
Concen: 5.915 ug/l
RT: 10.634 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VX048364.D
Acq: 27 Oct 2025 12:38

Tgt Ion:104 Resp: 35075
Ion Ratio Lower Upper
104 100
78 104.4 42.2 63.4#
103 95.1 43.0 64.4#

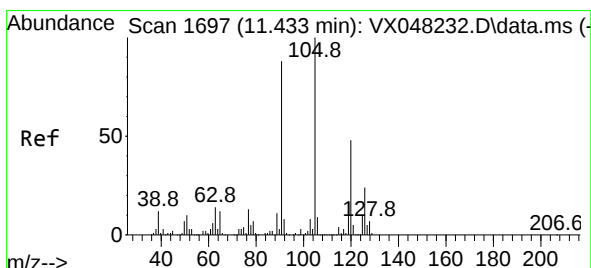
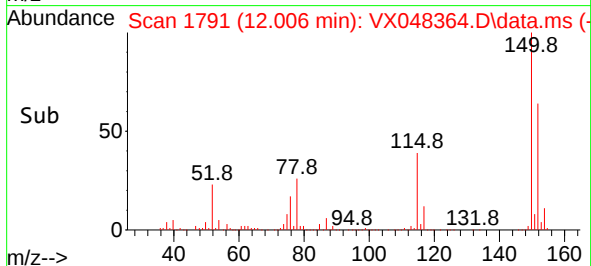
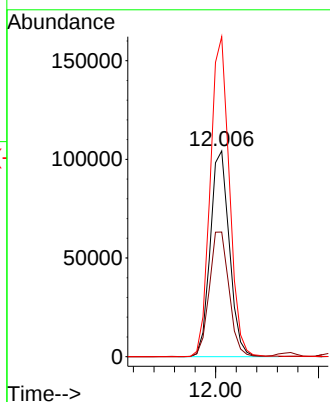
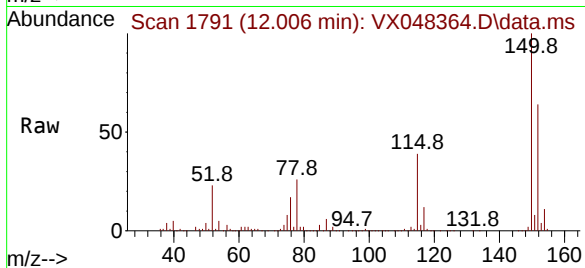




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048364.D
Acq: 27 Oct 2025 12:38

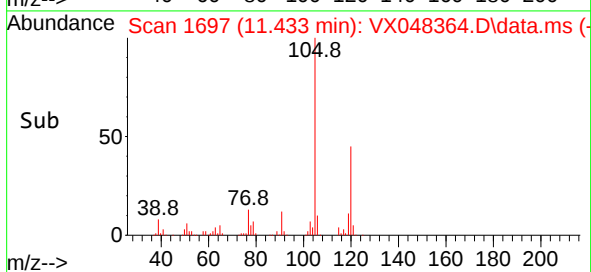
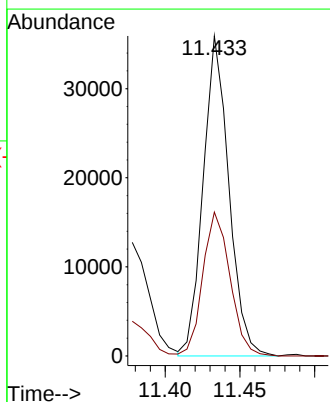
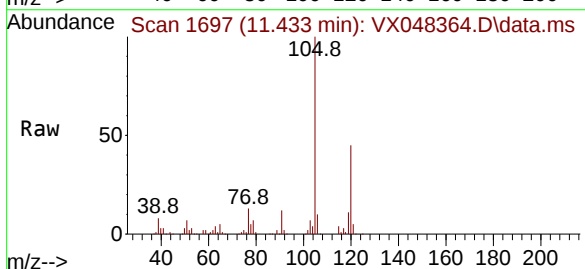
Instrument :
MSVOA_X
ClientSampleId :
SB-19

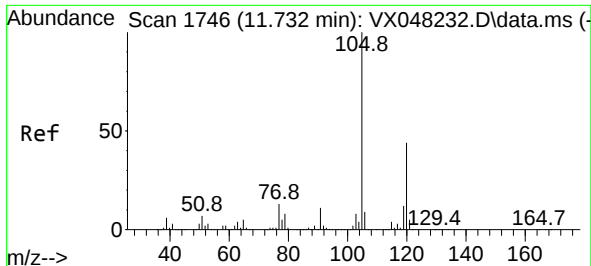
Tgt Ion:152 Resp: 134331
Ion Ratio Lower Upper
152 100
115 62.2 43.1 129.4
150 155.1 0.0 353.0



#80
1,3,5-Trimethylbenzene
Concen: 5.289 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048364.D
Acq: 27 Oct 2025 12:38

Tgt Ion:105 Resp: 42941
Ion Ratio Lower Upper
105 100
120 47.6 24.0 72.0

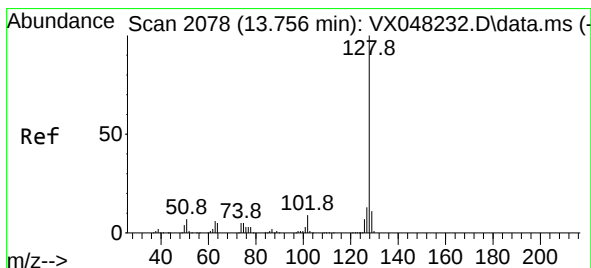
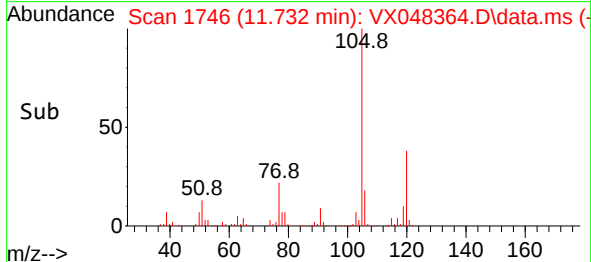
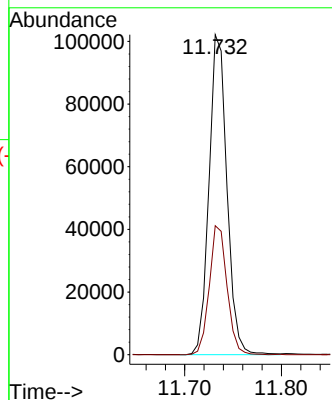
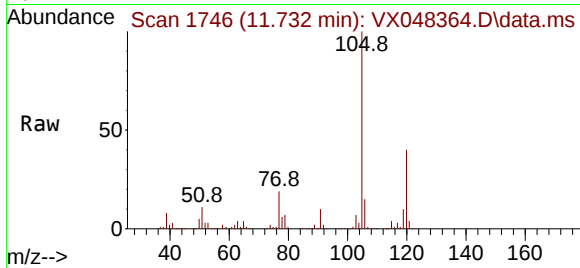




#84
1,2,4-Trimethylbenzene
Concen: 16.259 ug/l
RT: 11.732 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048364.D
Acq: 27 Oct 2025 12:38

Instrument :
MSVOA_X
ClientSampleId :
SB-19

Tgt Ion:105 Resp: 131747
Ion Ratio Lower Upper
105 100
120 39.9 22.1 66.5



#95
Naphthalene
Concen: 109.742 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048364.D
Acq: 27 Oct 2025 12:38

Tgt Ion:128 Resp: 856167
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.9 8.6 12.8

