

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102325\
 Data File : VX048319.D
 Acq On : 23 Oct 2025 13:02
 Operator : JC/MD
 Sample : Q3414-02 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-2

Quant Time: Oct 24 05:43:27 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)

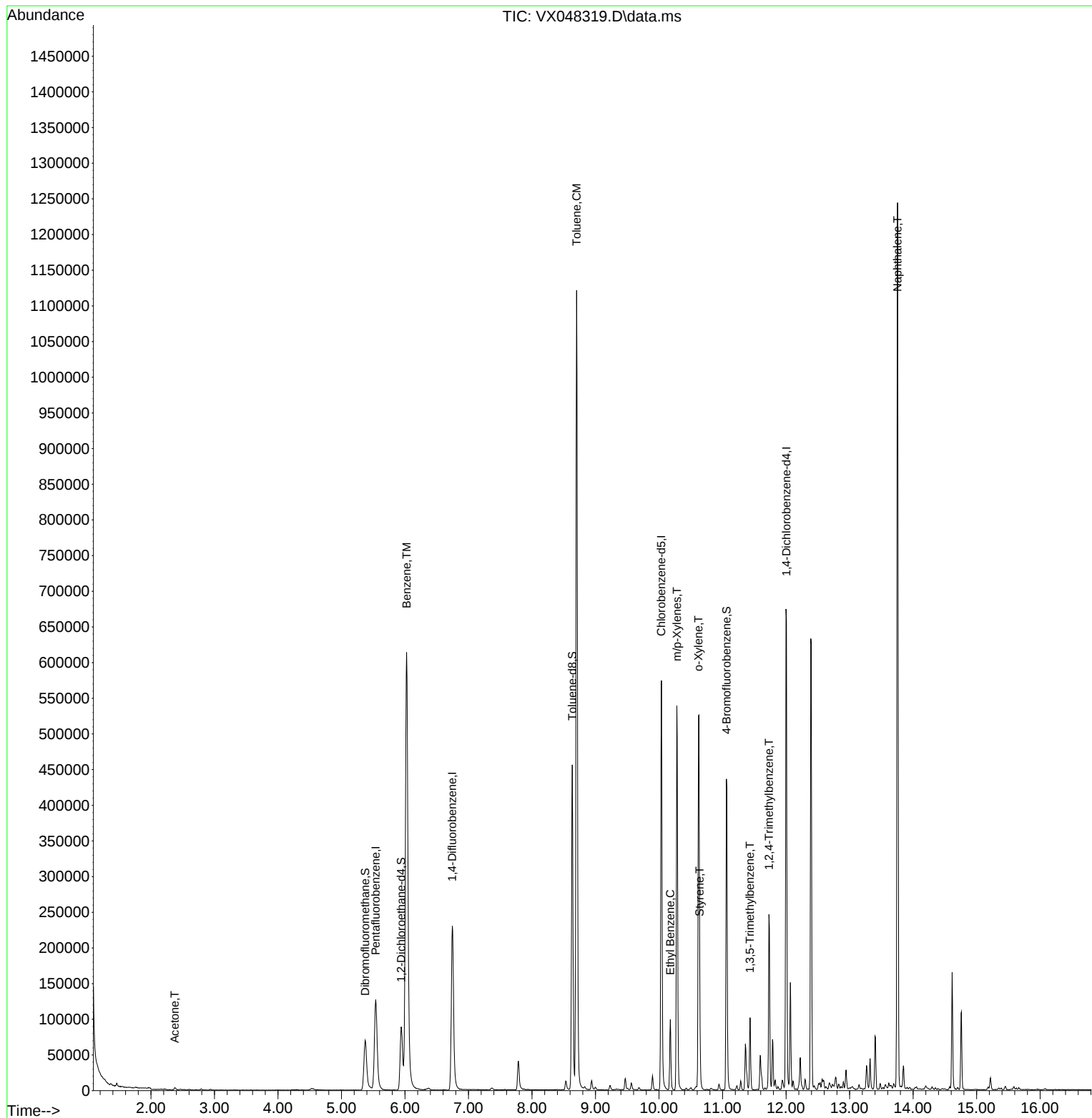
Internal Standards						
1) Pentafluorobenzene	5.538	168	125326	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	249779	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	258027	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	135882	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	98193	55.882	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	111.760%
35) Dibromofluoromethane	5.373	113	68008	39.882	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	79.760%
50) Toluene-d8	8.635	98	271576	45.437	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.880%#
62) 4-Bromofluorobenzene	11.061	95	121208	53.306	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.620%
Target Compounds						
					Qvalue	
16) Acetone	2.374	43	4520	7.498	ug/l #	84
40) Benzene	6.025	78	790918	112.398	ug/l	98
52) Toluene	8.702	92	439067	98.218	ug/l	100
67) Ethyl Benzene	10.177	91	57009	5.769	ug/l	100
68) m/p-Xylenes	10.281	106	123239	33.564	ug/l	98
69) o-Xylene	10.622	106	111636	31.492	ug/l	99
70) Styrene	10.640	104	39009	6.463	ug/l #	58
80) 1,3,5-Trimethylbenzene	11.433	105	42854	5.218	ug/l	100
84) 1,2,4-Trimethylbenzene	11.732	105	105423	12.862	ug/l	99
95) Naphthalene	13.756	128	722280	91.524	ug/l	100

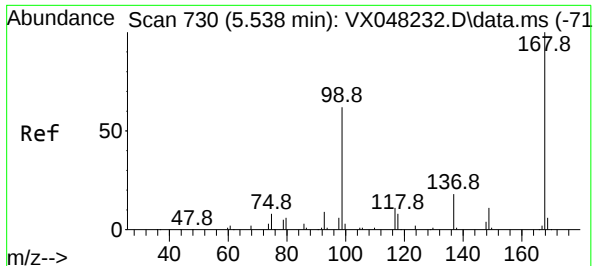
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

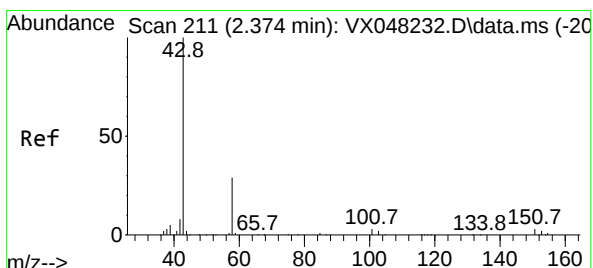
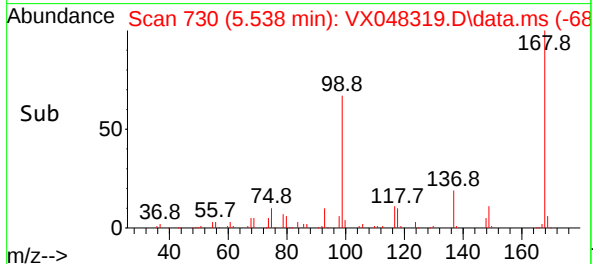
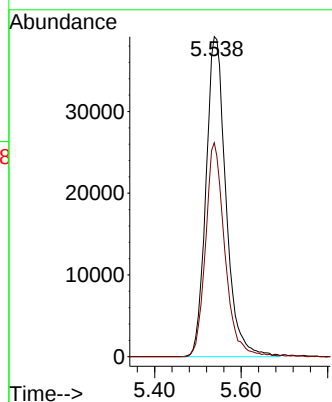
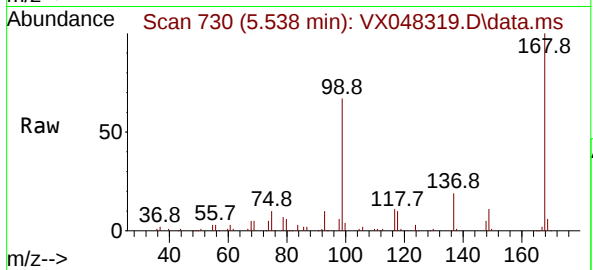




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048319.D
Acq: 23 Oct 2025 13:02

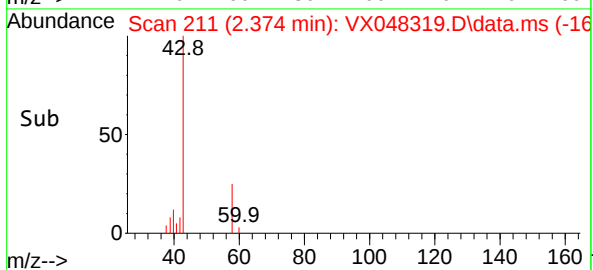
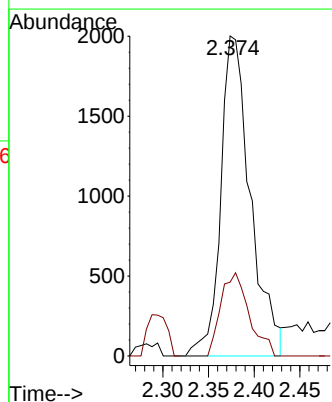
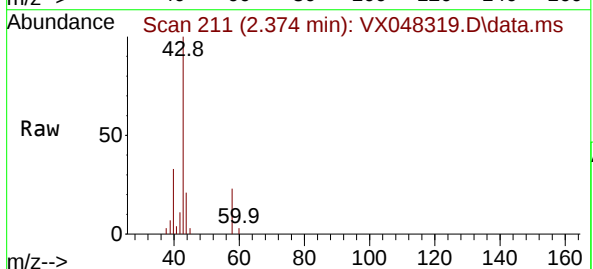
Instrument :
MSVOA_X
ClientSampleId :
SB-2

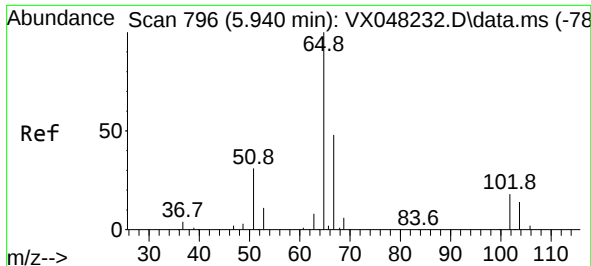
Tgt Ion:168 Resp: 125326
Ion Ratio Lower Upper
168 100
99 66.8 46.4 69.6



#16
Acetone
Concen: 7.498 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048319.D
Acq: 23 Oct 2025 13:02

Tgt Ion: 43 Resp: 4520
Ion Ratio Lower Upper
43 100
58 20.6 23.4 35.2#





#33

1,2-Dichloroethane-d4

Concen: 55.882 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX048319.D

Acq: 23 Oct 2025 13:02

Instrument :

MSVOA_X

ClientSampleId :

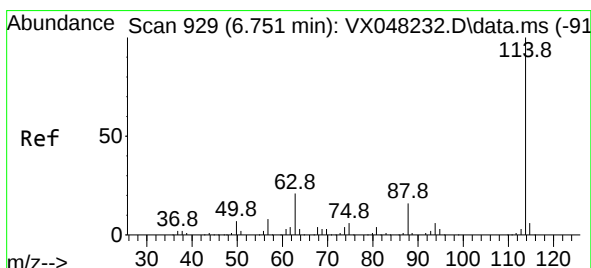
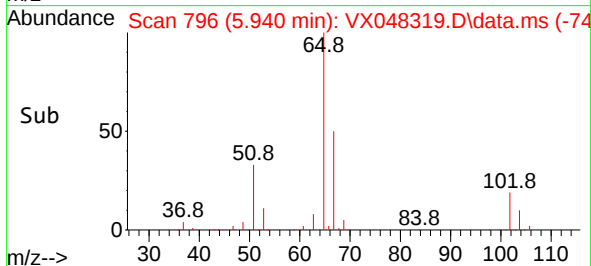
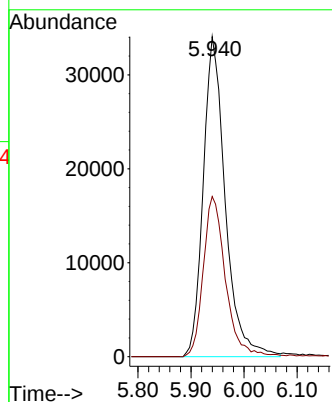
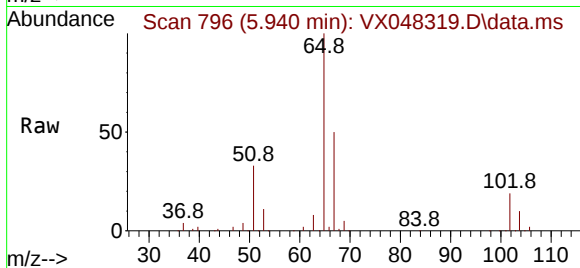
SB-2

Tgt Ion: 65 Resp: 98193

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: VX048319.D

Acq: 23 Oct 2025 13:02

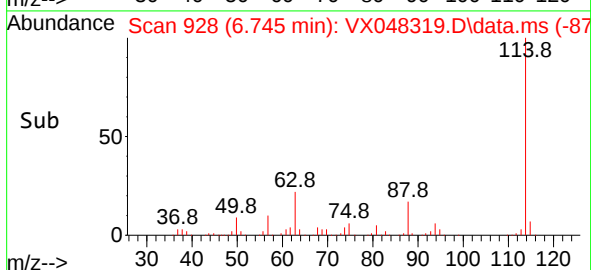
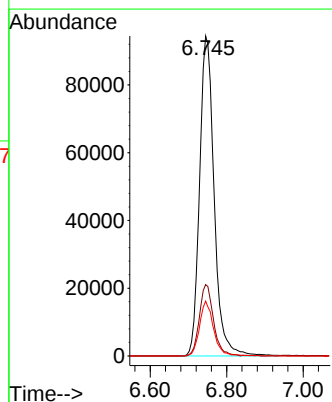
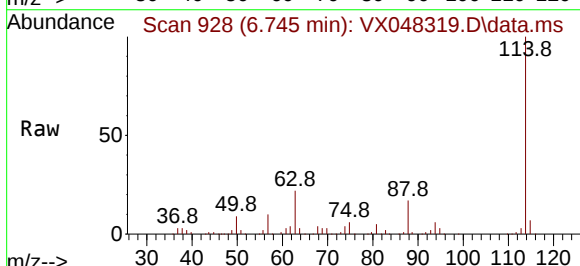
Tgt Ion: 114 Resp: 249779

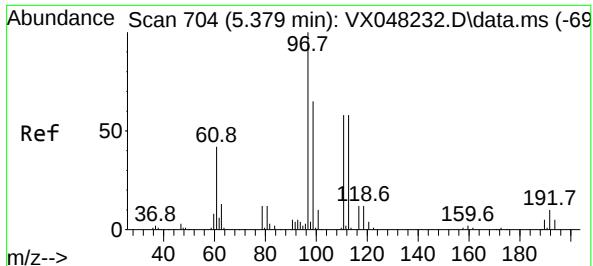
Ion Ratio Lower Upper

114 100

63 22.3 0.0 43.2

88 17.1 0.0 33.6

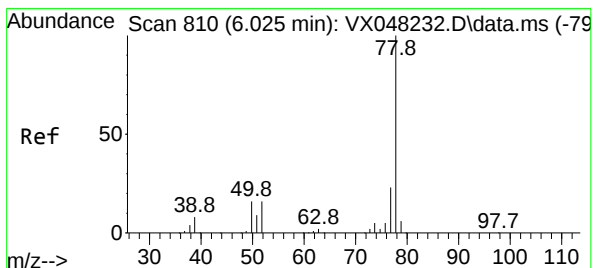
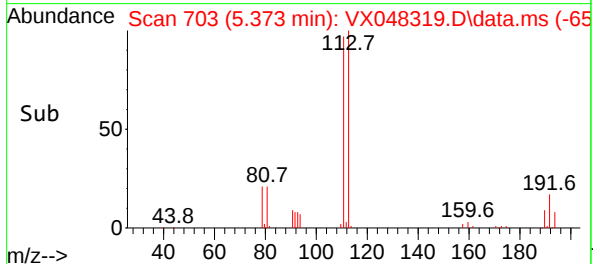
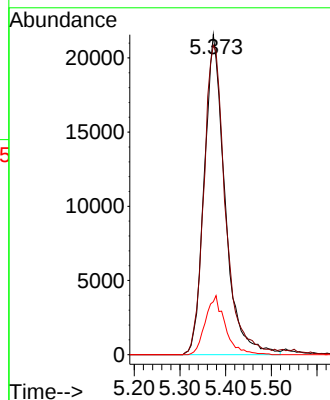
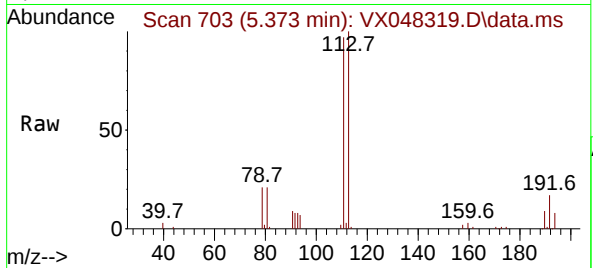




#35
Dibromofluoromethane
Concen: 39.882 ug/l
RT: 5.373 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX048319.D
Acq: 23 Oct 2025 13:02

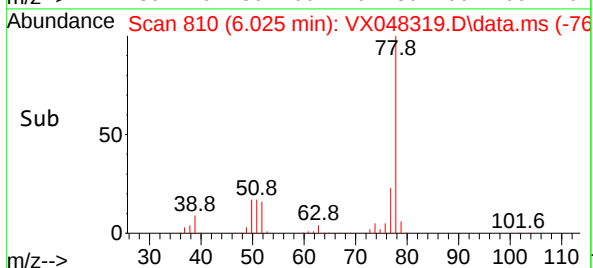
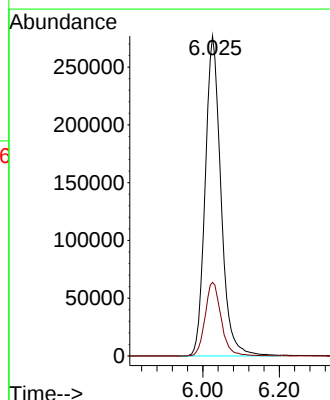
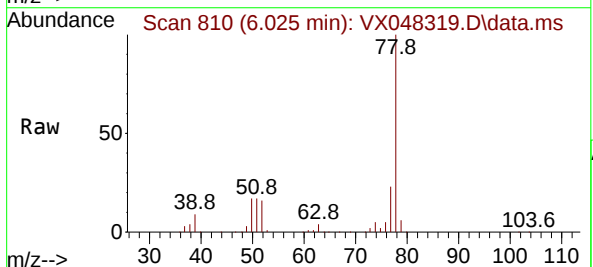
Instrument :
MSVOA_X
ClientSampleId :
SB-2

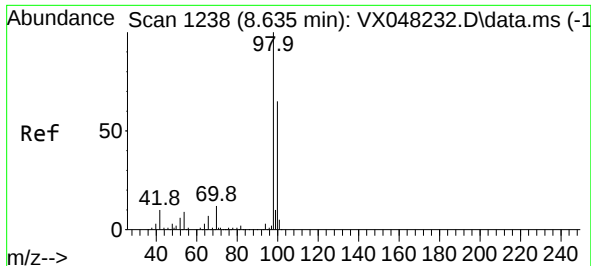
Tgt Ion:113 Resp: 68008
Ion Ratio Lower Upper
113 100
111 100.4 82.2 123.4
192 17.7 15.1 22.7



#40
Benzene
Concen: 112.398 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX048319.D
Acq: 23 Oct 2025 13:02

Tgt Ion: 78 Resp: 790918
Ion Ratio Lower Upper
78 100
77 23.0 19.3 28.9

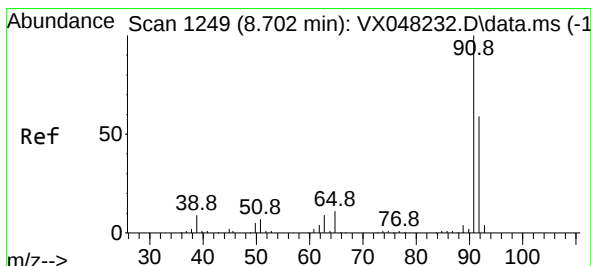
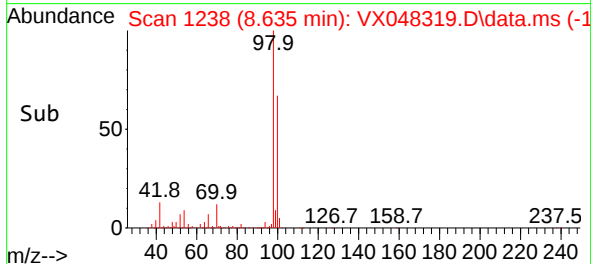
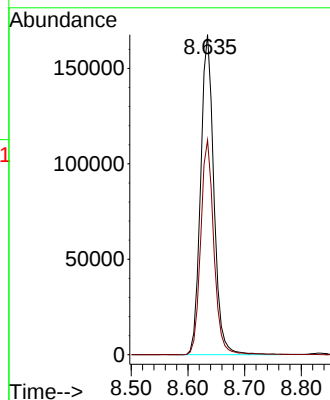
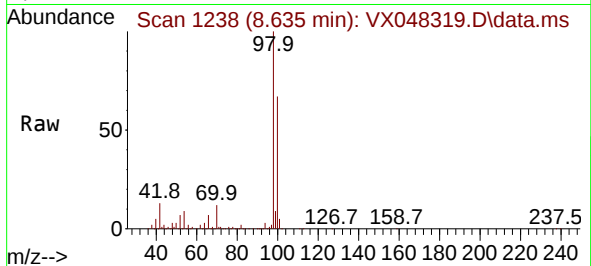




#50
Toluene-d8
Concen: 45.437 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048319.D
Acq: 23 Oct 2025 13:02

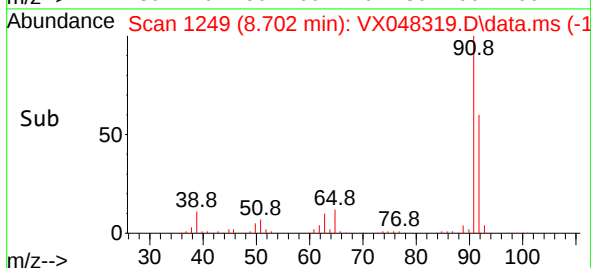
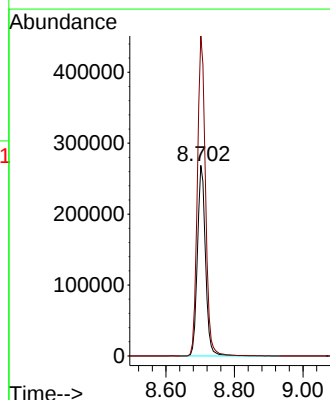
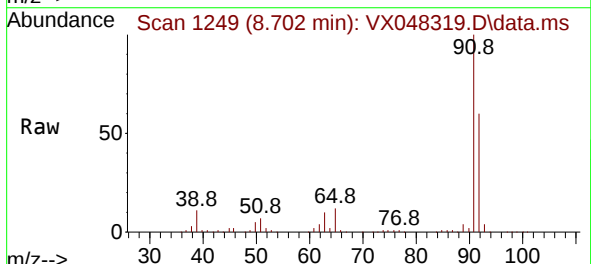
Instrument :
MSVOA_X
ClientSampleId :
SB-2

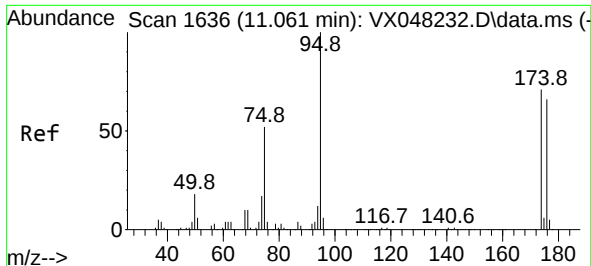
Tgt Ion: 98 Resp: 271576
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.4



#52
Toluene
Concen: 98.218 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048319.D
Acq: 23 Oct 2025 13:02

Tgt Ion: 92 Resp: 439067
Ion Ratio Lower Upper
92 100
91 169.8 136.1 204.1

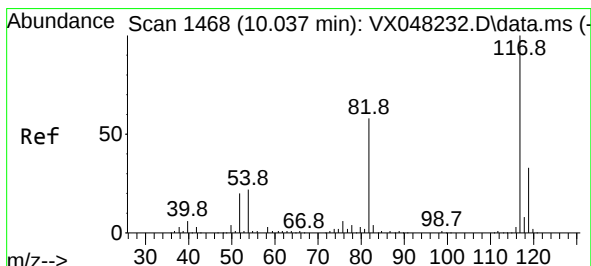
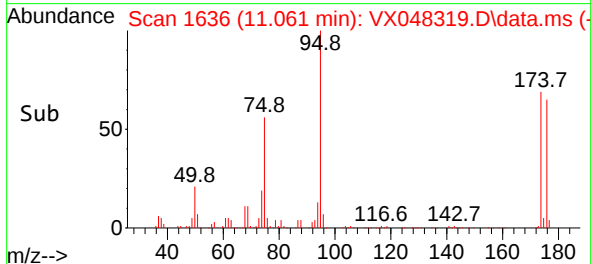
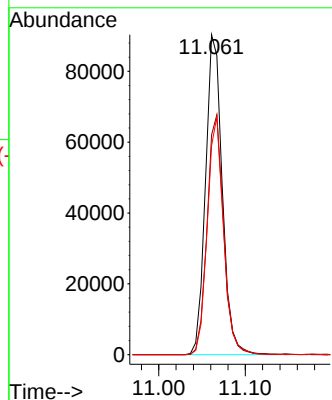
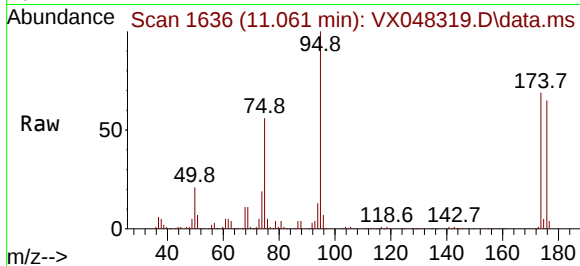




#62
4-Bromofluorobenzene
Concen: 53.306 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048319.D
Acq: 23 Oct 2025 13:02

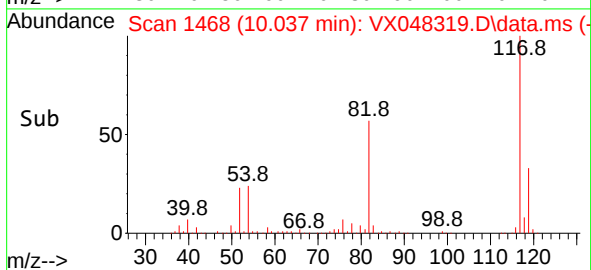
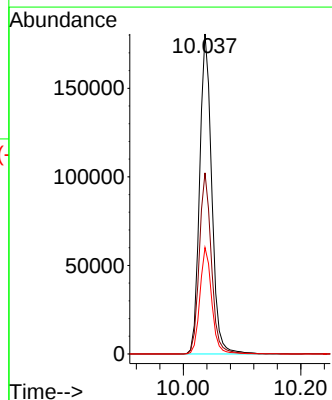
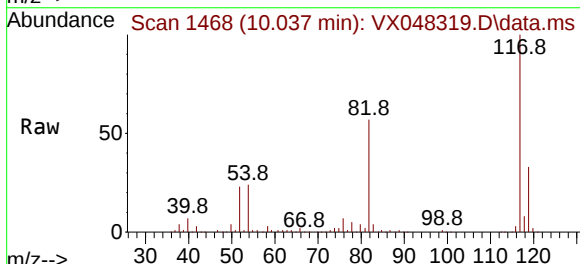
Instrument :
MSVOA_X
ClientSampleId :
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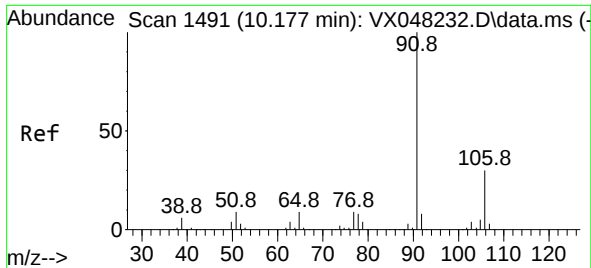
Tgt Ion: 95 Resp: 121208
Ion Ratio Lower Upper
95 100
174 73.9 0.0 147.8
176 72.2 0.0 142.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048319.D
Acq: 23 Oct 2025 13:02

Tgt Ion: 117 Resp: 258027
Ion Ratio Lower Upper
117 100
82 56.6 46.5 69.7
119 33.3 25.9 38.9

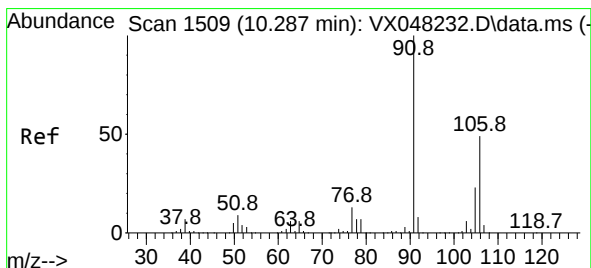
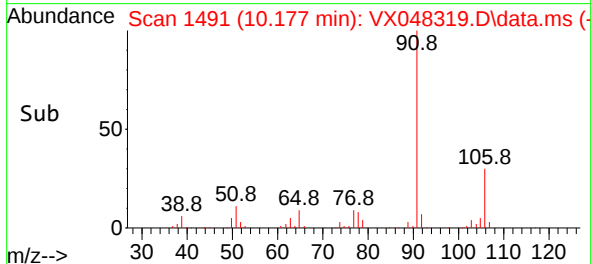
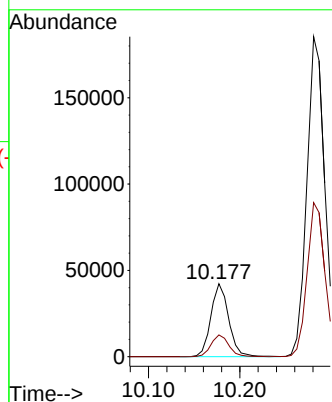
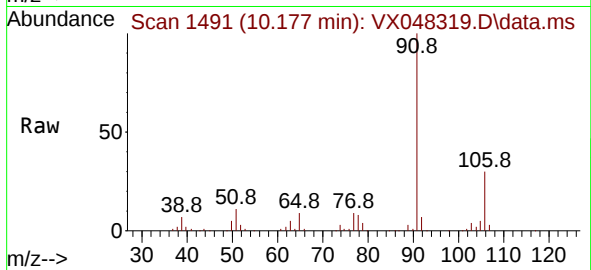




#67
Ethyl Benzene
Concen: 5.769 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048319.D
Acq: 23 Oct 2025 13:02

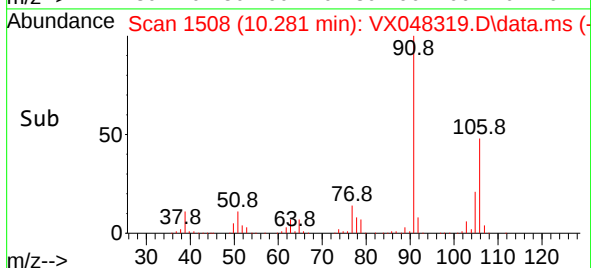
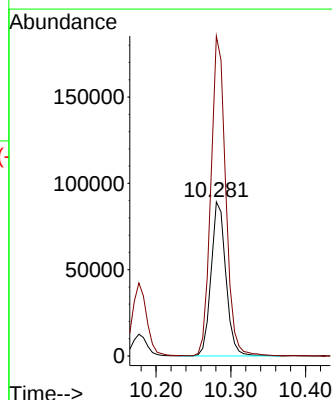
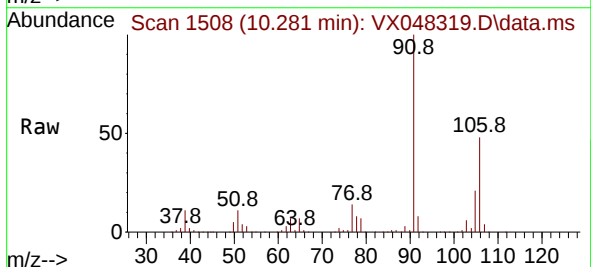
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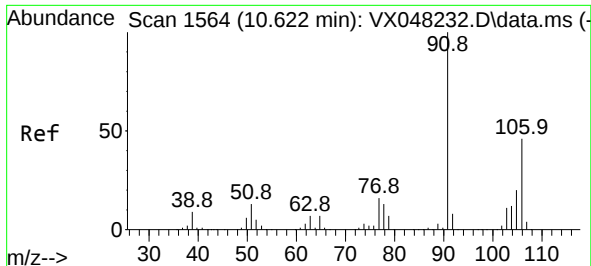
Tgt Ion: 91 Resp: 57009
Ion Ratio Lower Upper
91 100
106 29.7 23.8 35.6



#68
m/p-Xylenes
Concen: 33.564 ug/l
RT: 10.281 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VX048319.D
Acq: 23 Oct 2025 13:02

Tgt Ion:106 Resp: 123239
Ion Ratio Lower Upper
106 100
91 207.1 167.9 251.9

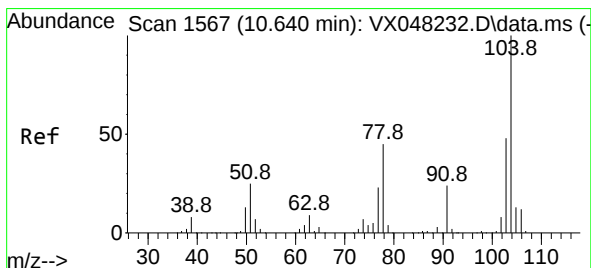
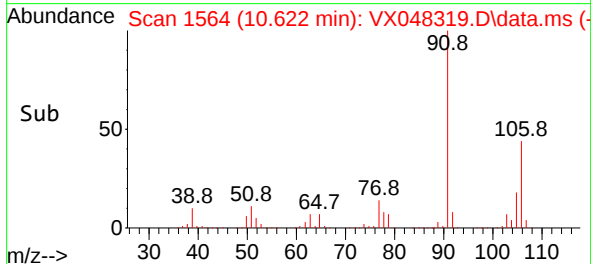
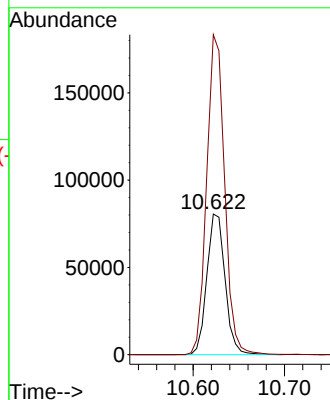
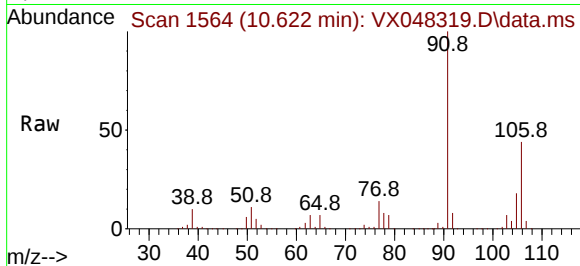




#69
o-Xylene
Concen: 31.492 ug/l
RT: 10.622 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048319.D
Acq: 23 Oct 2025 13:02

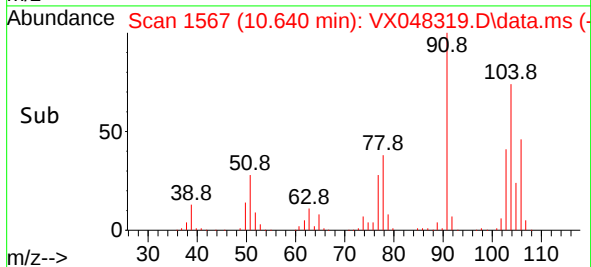
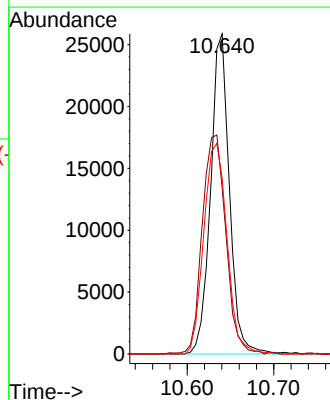
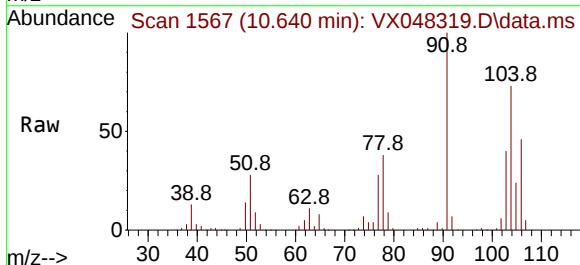
Instrument :
MSVOA_X
ClientSampleId :
SB-2

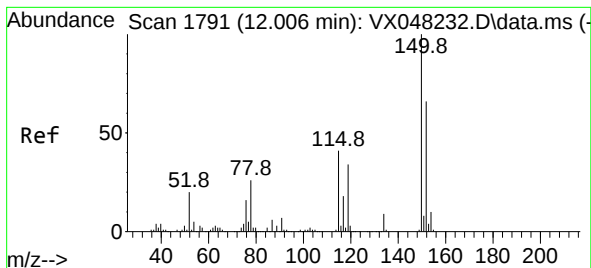
Tgt Ion:106 Resp: 111636
Ion Ratio Lower Upper
106 100
91 223.9 111.3 333.9



#70
Styrene
Concen: 6.463 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048319.D
Acq: 23 Oct 2025 13:02

Tgt Ion:104 Resp: 39009
Ion Ratio Lower Upper
104 100
78 85.7 42.2 63.4#
103 81.2 43.0 64.4#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX048319.D

Acq: 23 Oct 2025 13:02

Instrument :

MSVOA_X

ClientSampleId :

SB-2

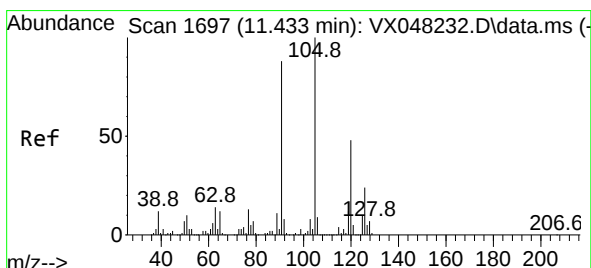
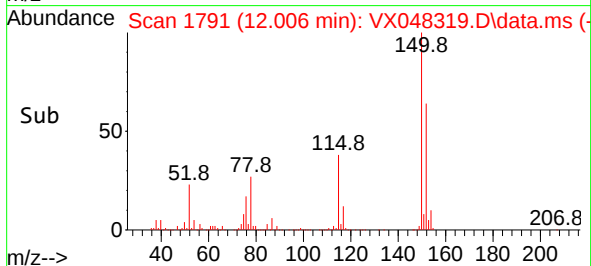
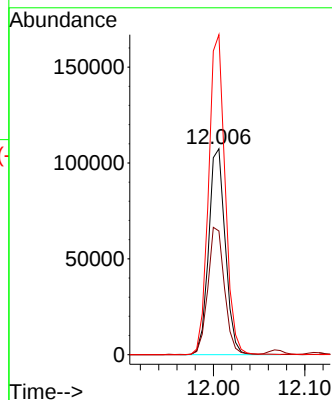
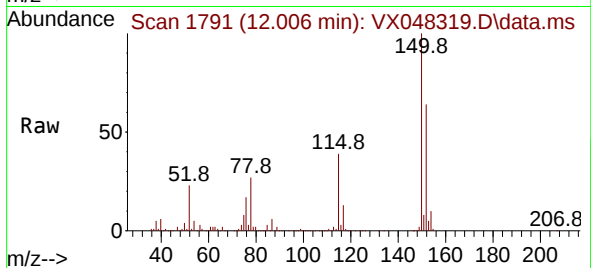
Tgt Ion:152 Resp: 135882

Ion Ratio Lower Upper

152 100

115 61.8 43.1 129.4

150 154.5 0.0 353.0



#80

1,3,5-Trimethylbenzene

Concen: 5.218 ug/l

RT: 11.433 min Scan# 1697

Delta R.T. -0.000 min

Lab File: VX048319.D

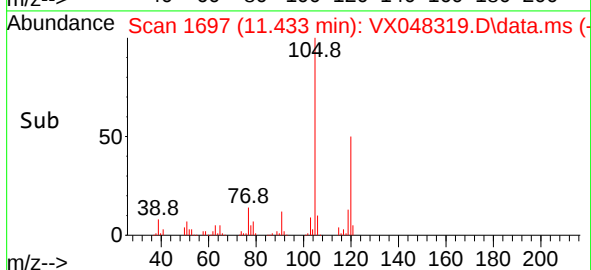
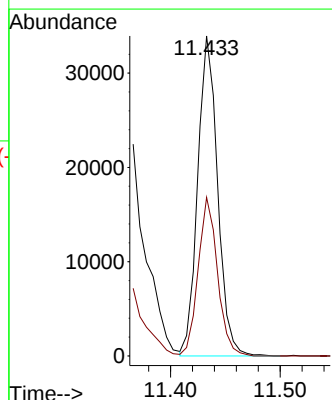
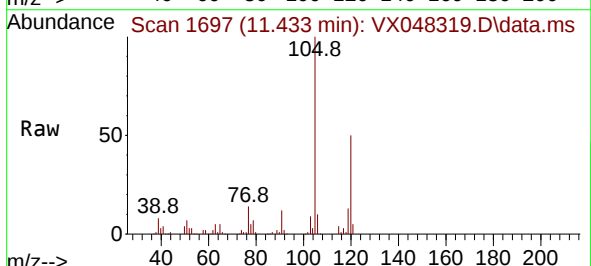
Acq: 23 Oct 2025 13:02

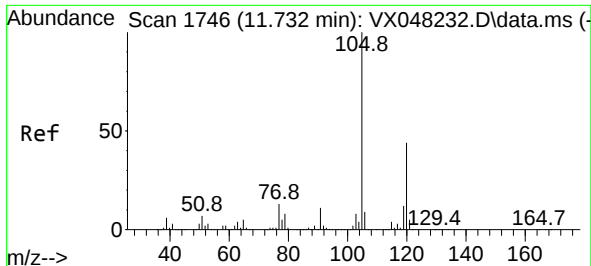
Tgt Ion:105 Resp: 42854

Ion Ratio Lower Upper

105 100

120 48.2 24.0 72.0

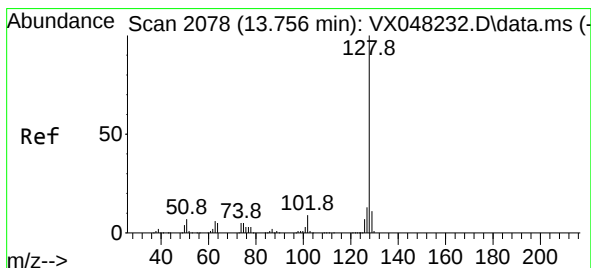
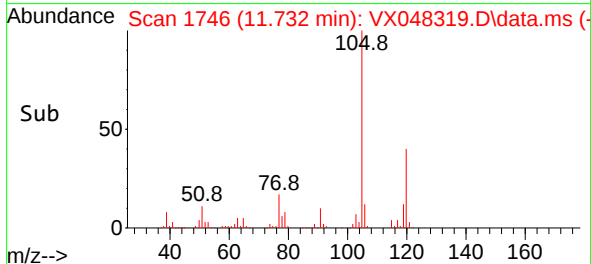
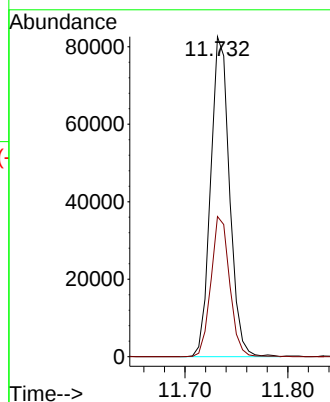
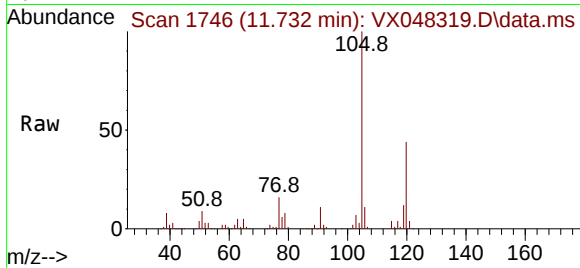




#84
1,2,4-Trimethylbenzene
Concen: 12.862 ug/l
RT: 11.732 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048319.D
Acq: 23 Oct 2025 13:02

Instrument :
MSVOA_X
ClientSampleId :
SB-2

Tgt Ion:105 Resp: 105423
Ion Ratio Lower Upper
105 100
120 43.3 22.1 66.5



#95
Naphthalene
Concen: 91.524 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048319.D
Acq: 23 Oct 2025 13:02

Tgt Ion:128 Resp: 722280
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 11.0 8.6 12.8

