

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082125\
 Data File : VX047465.D
 Acq On : 21 Aug 2025 13:25
 Operator : JC/MD
 Sample : Q2900-05DL 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-11C-081825DL

Quant Time: Aug 22 03:45:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

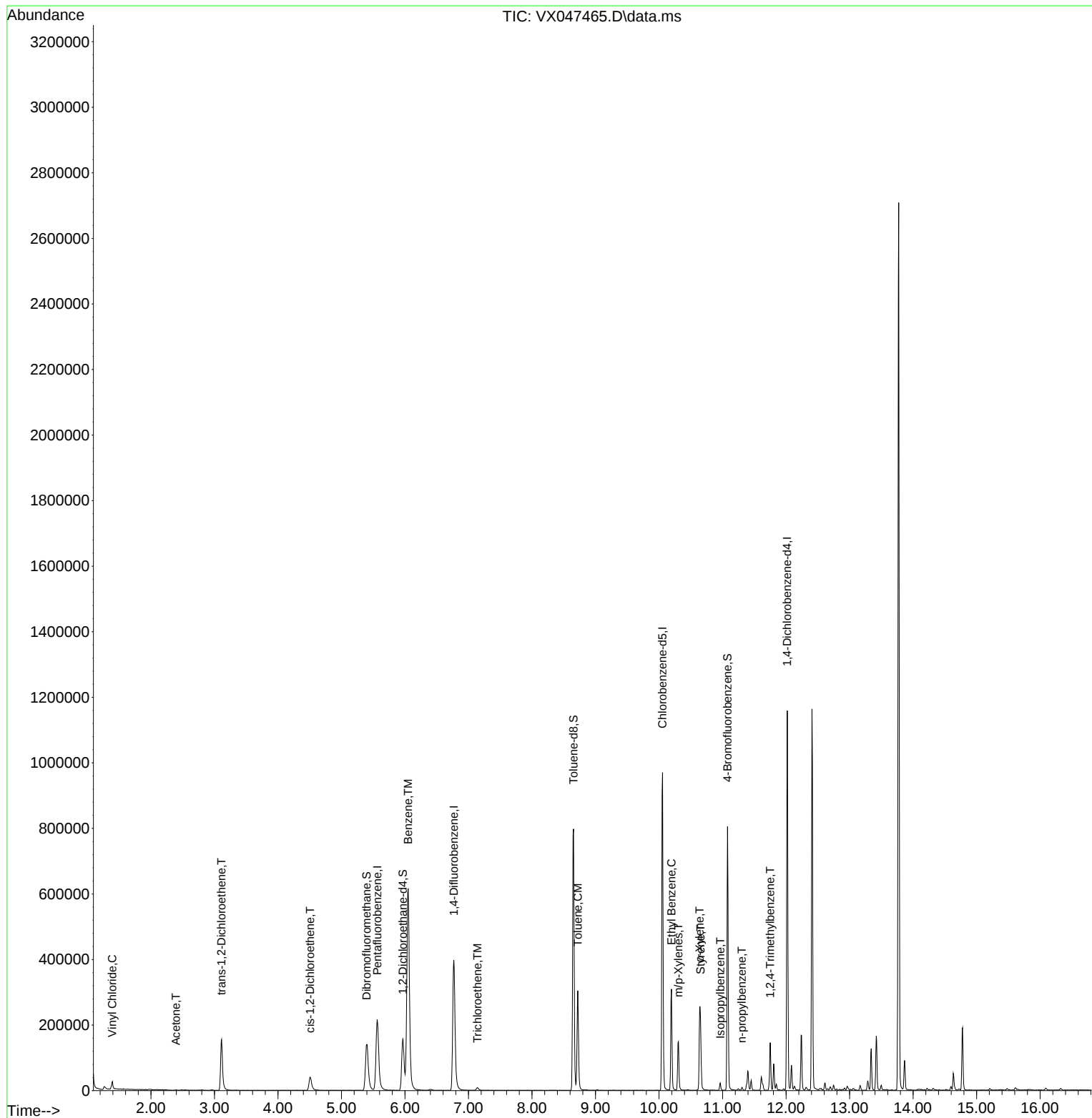
Internal Standards						
1) Pentafluorobenzene	5.562	168	217485	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	440392	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	436547	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	229381	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	164181	53.940	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 107.880%		
35) Dibromofluoromethane	5.397	113	136895	47.896	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 95.800%		
50) Toluene-d8	8.653	98	495256	48.479	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 96.960%		
62) 4-Bromofluorobenzene	11.079	95	212086	56.258	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 112.520%		
Target Compounds						Qvalue
4) Vinyl Chloride	1.392	62	15069	4.814	ug/l	95
16) Acetone	2.392	43	1537	1.343	ug/l #	86
21) trans-1,2-Dichloroethene	3.111	96	74912	25.775	ug/l	95
27) cis-1,2-Dichloroethene	4.507	96	28358	8.377	ug/l	89
40) Benzene	6.050	78	796444	58.975	ug/l	98
44) Trichloroethene	7.141	130	3593	1.039	ug/l	84
52) Toluene	8.720	92	117616	14.094	ug/l	99
67) Ethyl Benzene	10.195	91	181825	10.183	ug/l	98
68) m/p-Xylenes	10.305	106	36436	5.473	ug/l	97
69) o-Xylene	10.640	106	46169	7.206	ug/l	96
70) Styrene	10.653	104	60840	5.620	ug/l	99
73) Isopropylbenzene	10.963	105	11263	0.627	ug/l	99
78) n-propylbenzene	11.305	91	5869	0.274	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	61775	4.183	ug/l	99

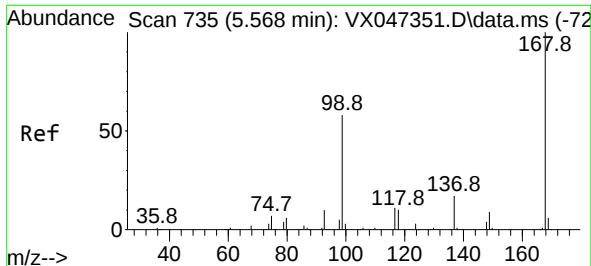
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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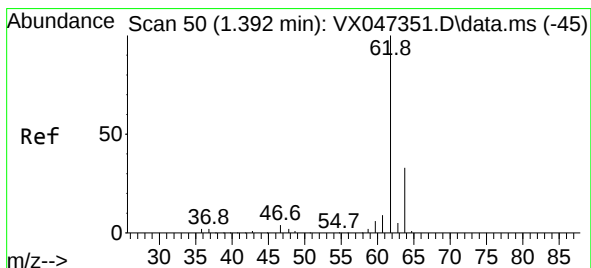
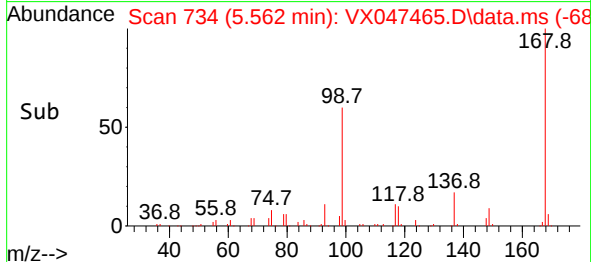
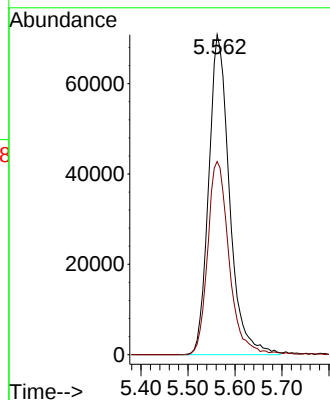
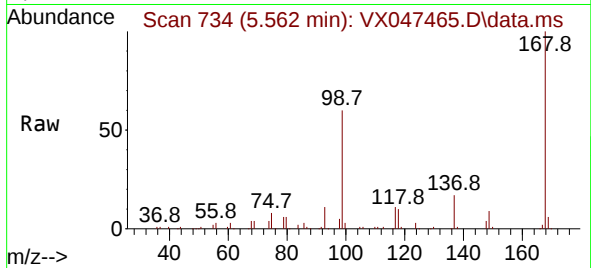




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047465.D
Acq: 21 Aug 2025 13:25

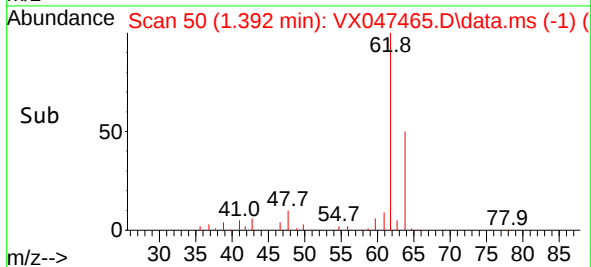
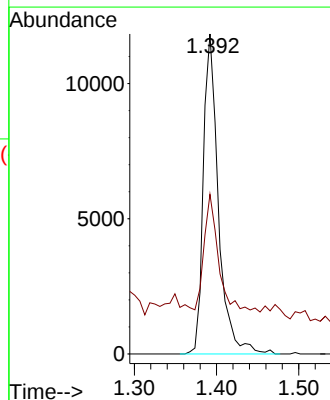
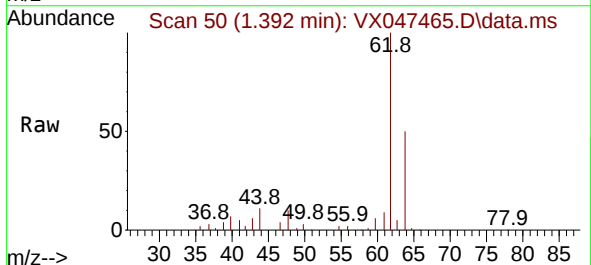
Instrument :
MSVOA_X
ClientSampleId :
MW-11C-081825DL

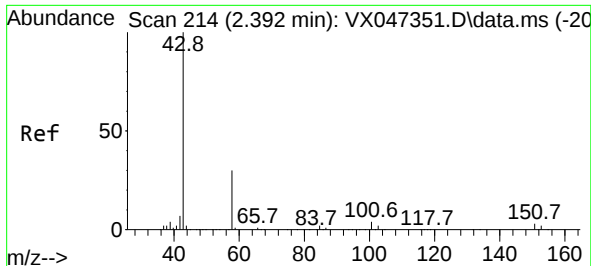
Tgt Ion:168 Resp: 217485
Ion Ratio Lower Upper
168 100
99 60.4 47.9 71.9



#4
Vinyl Chloride
Concen: 4.814 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX047465.D
Acq: 21 Aug 2025 13:25

Tgt Ion: 62 Resp: 15069
Ion Ratio Lower Upper
62 100
64 36.0 26.5 39.7

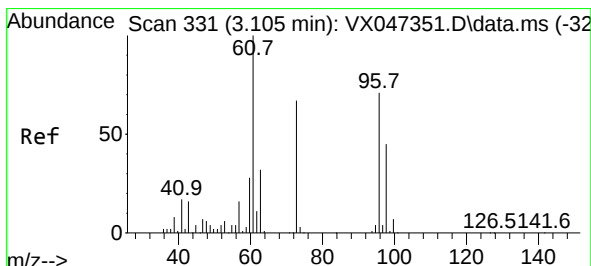
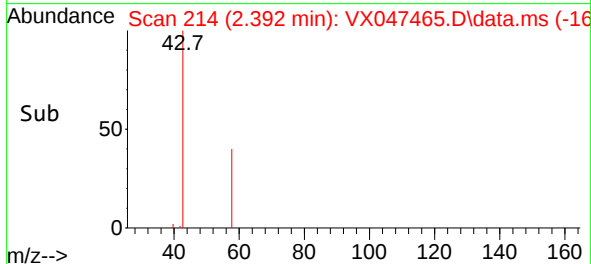
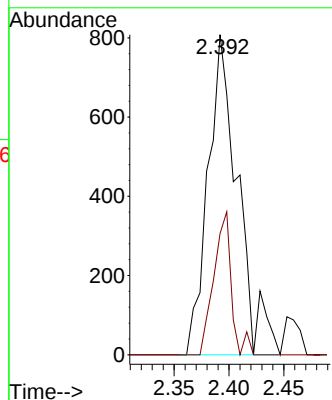
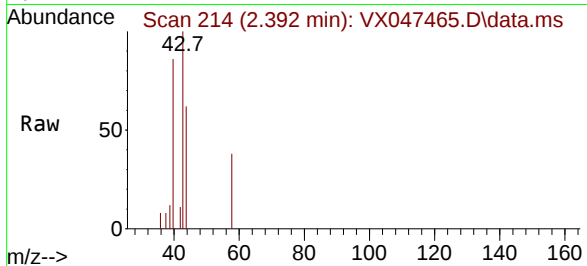




#16
Acetone
Concen: 1.343 ug/l
RT: 2.392 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX047465.D
Acq: 21 Aug 2025 13:25

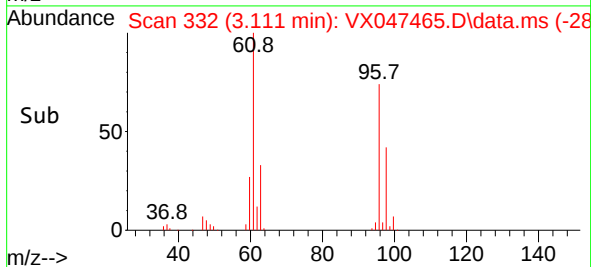
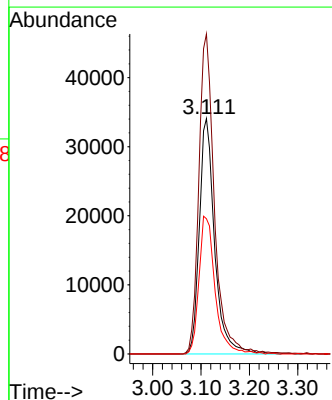
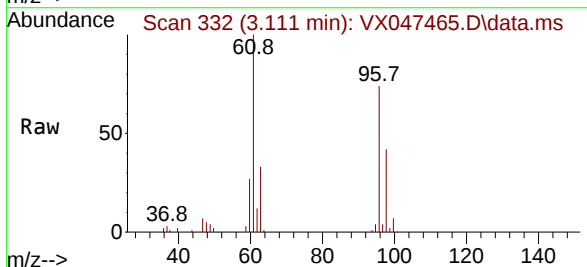
Instrument :
MSVOA_X
ClientSampleId :
MW-11C-081825DL

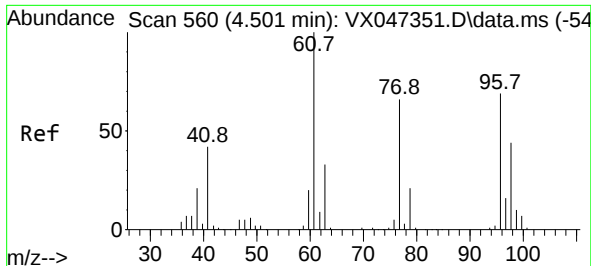
Tgt Ion: 43 Resp: 1537
Ion Ratio Lower Upper
43 100
58 23.4 24.8 37.2#



#21
trans-1,2-Dichloroethene
Concen: 25.775 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.006 min
Lab File: VX047465.D
Acq: 21 Aug 2025 13:25

Tgt Ion: 96 Resp: 74912
Ion Ratio Lower Upper
96 100
61 136.0 112.6 169.0
98 57.5 50.9 76.3





#27

cis-1,2-Dichloroethene

Concen: 8.377 ug/l

RT: 4.507 min Scan# 5

Delta R.T. 0.006 min

Lab File: VX047465.D

Acq: 21 Aug 2025 13:25

Instrument :

MSVOA_X

ClientSampleId :

MW-11C-081825DL

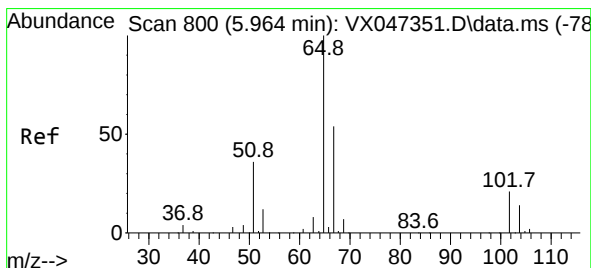
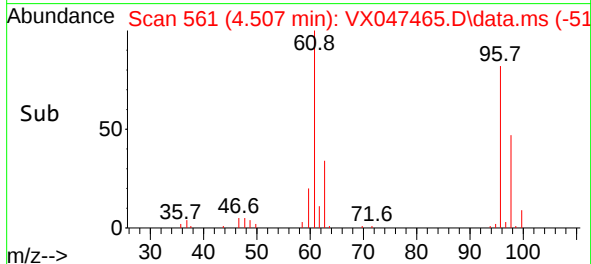
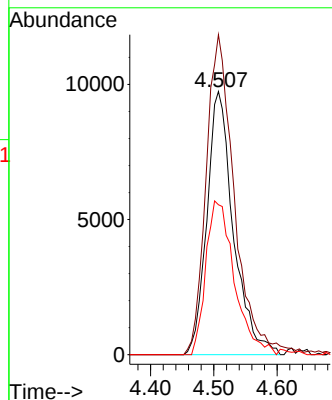
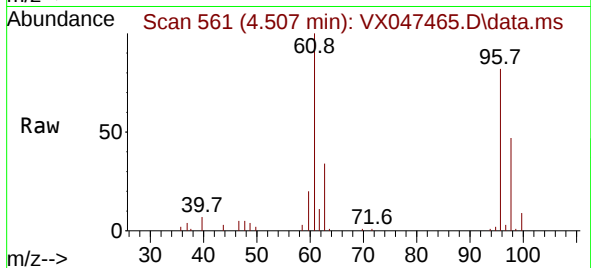
Tgt Ion: 96 Resp: 28358

Ion Ratio Lower Upper

96 100

61 130.2 0.0 296.6

98 62.8 0.0 130.4



#33

1,2-Dichloroethane-d4

Concen: 53.940 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX047465.D

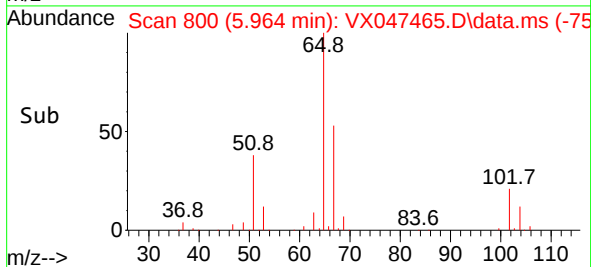
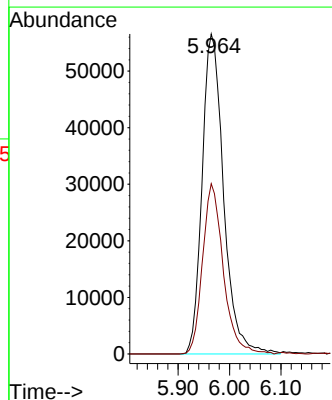
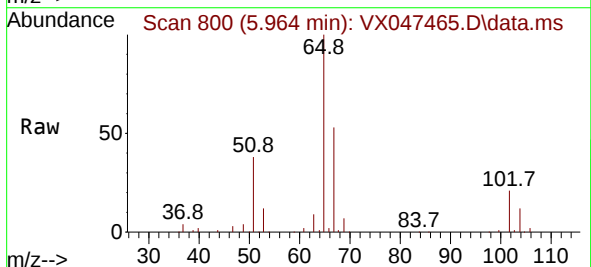
Acq: 21 Aug 2025 13:25

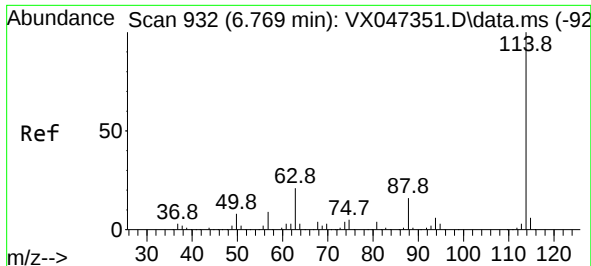
Tgt Ion: 65 Resp: 164181

Ion Ratio Lower Upper

65 100

67 51.3 0.0 106.0

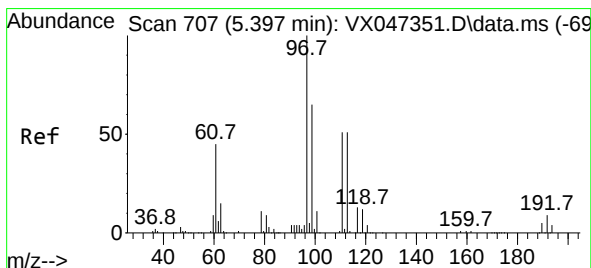
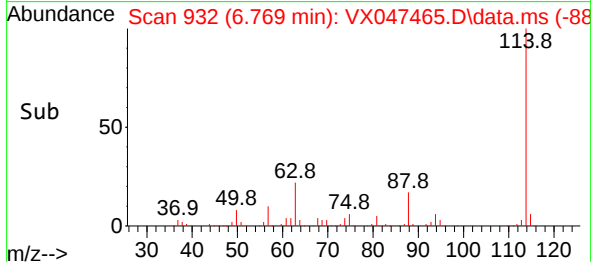
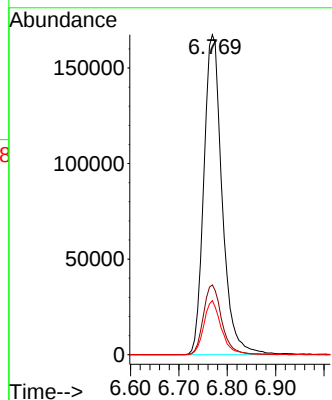
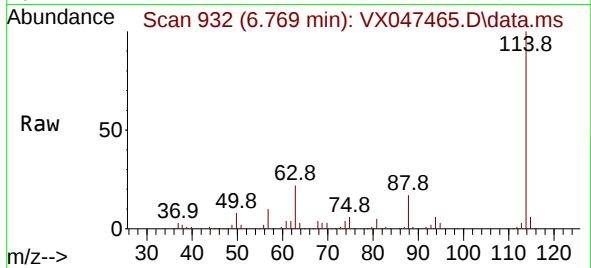




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX047465.D
Acq: 21 Aug 2025 13:25

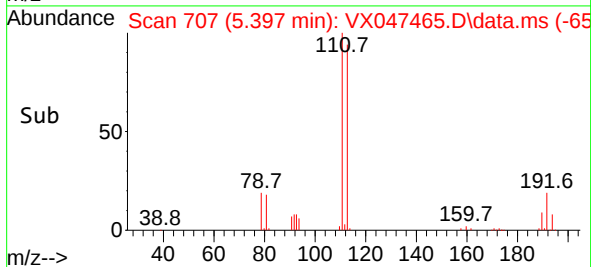
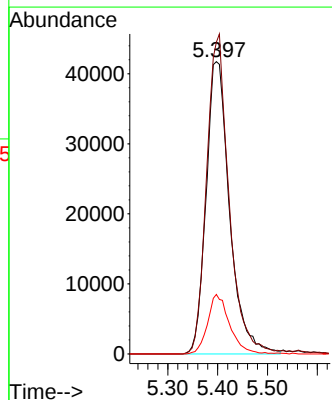
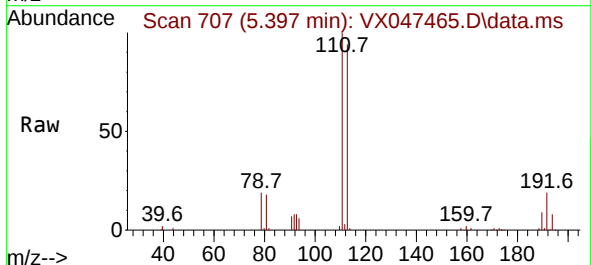
Instrument :
MSVOA_X
ClientSampleId :
MW-11C-081825DL

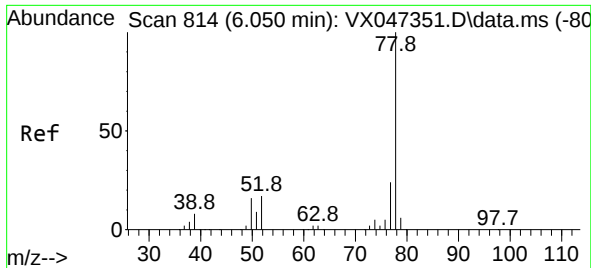
Tgt Ion:114 Resp: 440392
Ion Ratio Lower Upper
114 100
63 21.8 0.0 42.4
88 16.9 0.0 33.0



#35
Dibromofluoromethane
Concen: 47.896 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047465.D
Acq: 21 Aug 2025 13:25

Tgt Ion:113 Resp: 136895
Ion Ratio Lower Upper
113 100
111 104.6 81.4 122.2
192 19.1 14.1 21.1





#40

Benzene

Concen: 58.975 ug/l

RT: 6.050 min Scan# 814

Delta R.T. 0.000 min

Lab File: VX047465.D

Acq: 21 Aug 2025 13:25

Instrument :

MSVOA_X

ClientSampleId :

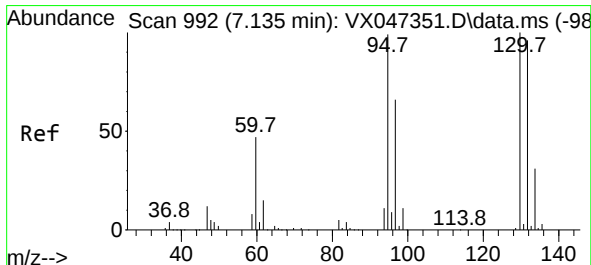
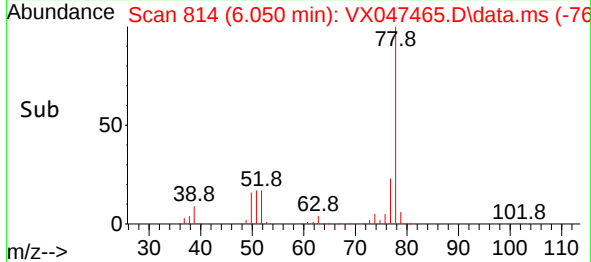
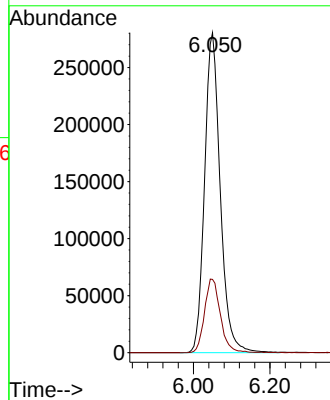
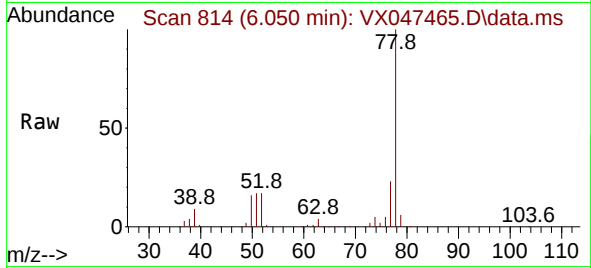
MW-11C-081825DL

Tgt Ion: 78 Resp: 796444

Ion Ratio Lower Upper

78 100

77 22.9 19.0 28.4



#44

Trichloroethene

Concen: 1.039 ug/l

RT: 7.141 min Scan# 993

Delta R.T. 0.006 min

Lab File: VX047465.D

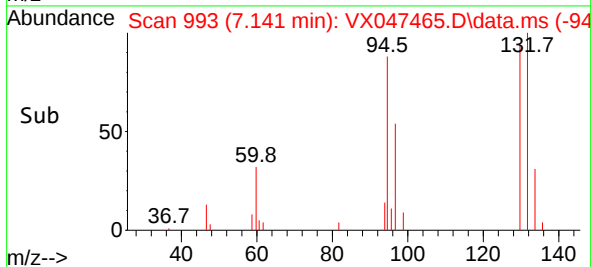
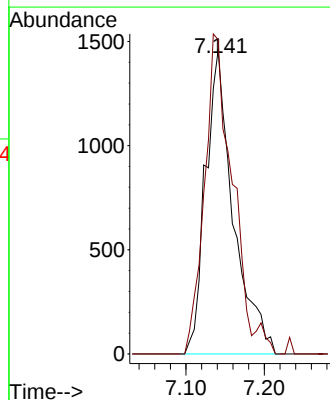
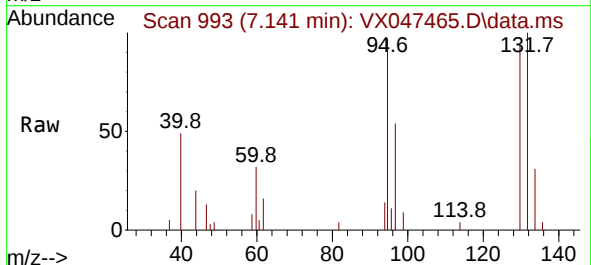
Acq: 21 Aug 2025 13:25

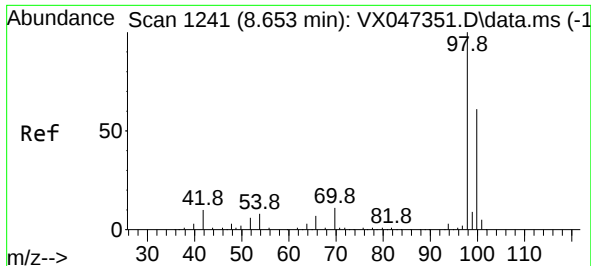
Tgt Ion:130 Resp: 3593

Ion Ratio Lower Upper

130 100

95 115.0 0.0 198.6

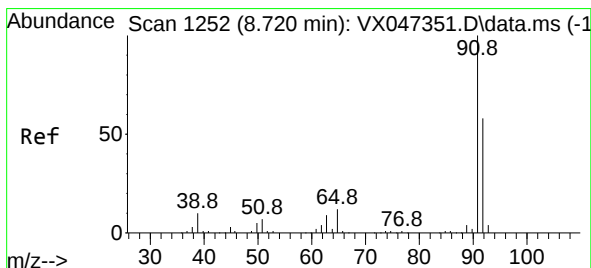
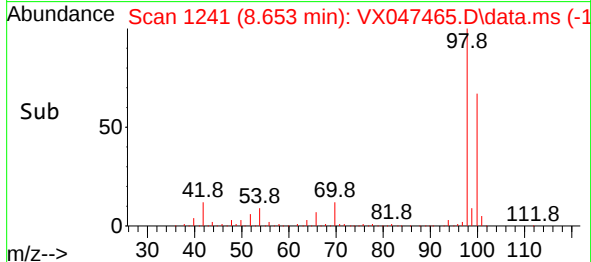
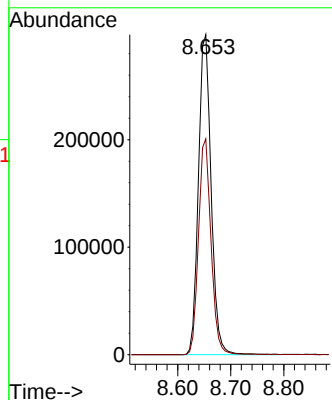
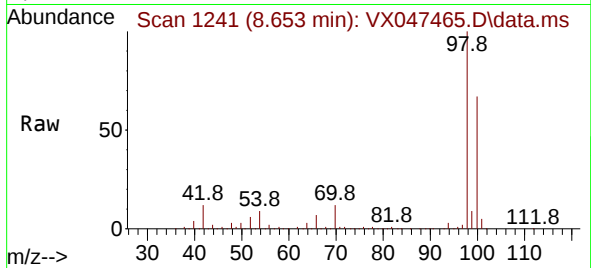




#50
Toluene-d8
Concen: 48.479 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047465.D
Acq: 21 Aug 2025 13:25

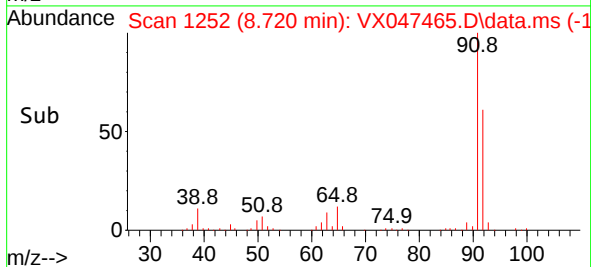
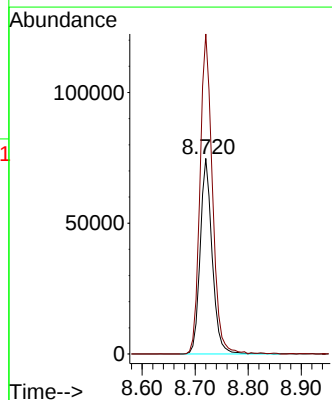
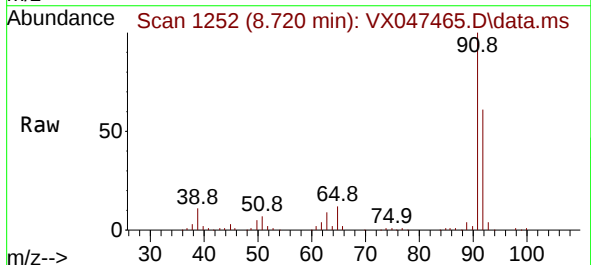
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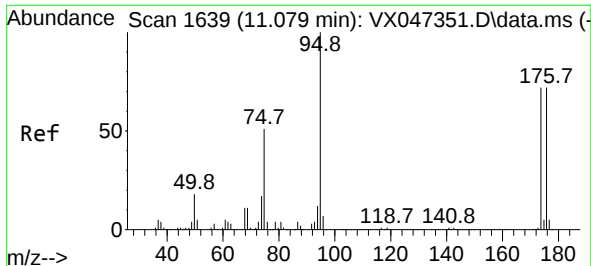
Tgt Ion: 98 Resp: 495256
Ion Ratio Lower Upper
98 100
100 66.6 53.9 80.9



#52
Toluene
Concen: 14.094 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047465.D
Acq: 21 Aug 2025 13:25

Tgt Ion: 92 Resp: 117616
Ion Ratio Lower Upper
92 100
91 169.0 136.3 204.5

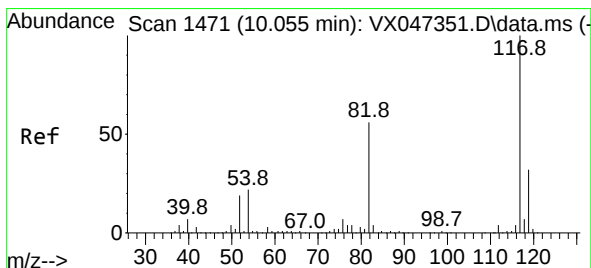
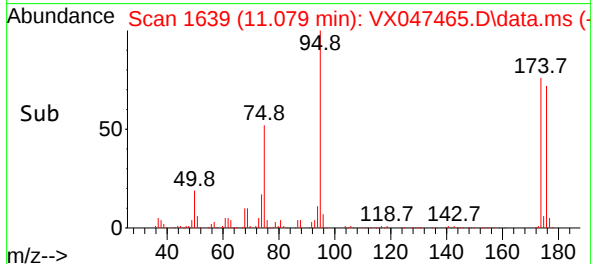
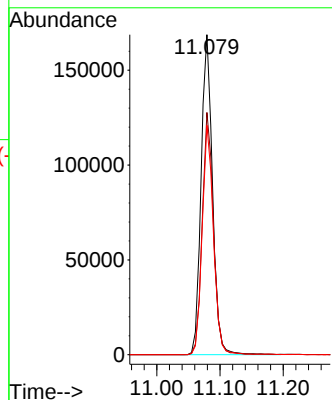
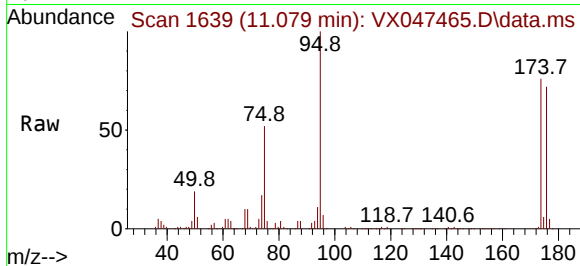




#62
4-Bromofluorobenzene
Concen: 56.258 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047465.D
Acq: 21 Aug 2025 13:25

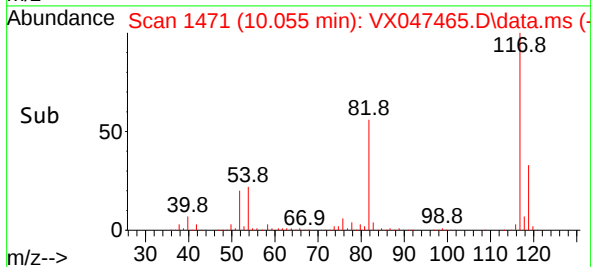
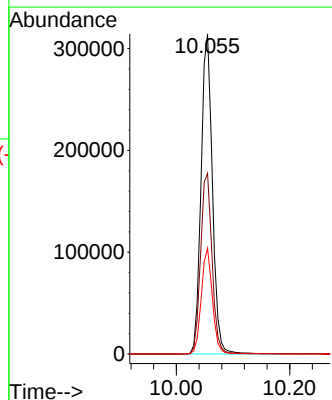
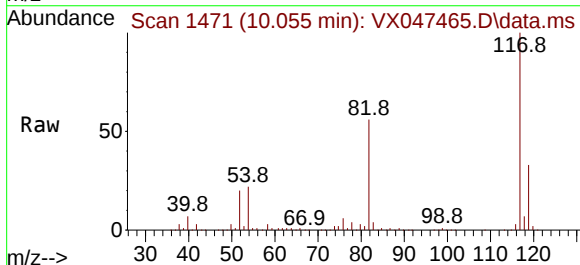
Instrument :
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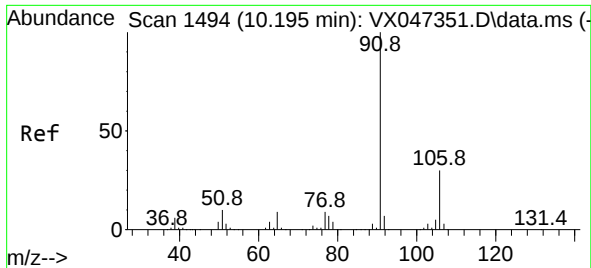
Tgt Ion: 95 Resp: 212086
Ion Ratio Lower Upper
95 100
174 74.9 0.0 148.0
176 70.7 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047465.D
Acq: 21 Aug 2025 13:25

Tgt Ion: 117 Resp: 436547
Ion Ratio Lower Upper
117 100
82 56.5 45.0 67.4
119 33.1 25.8 38.8

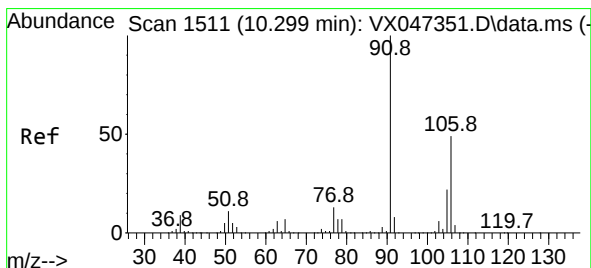
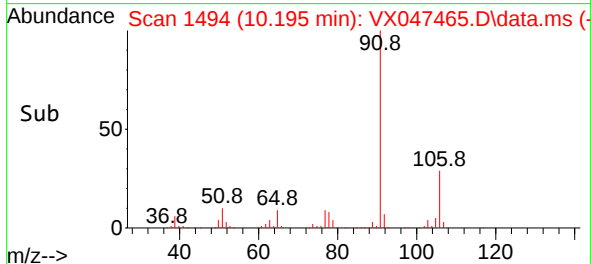
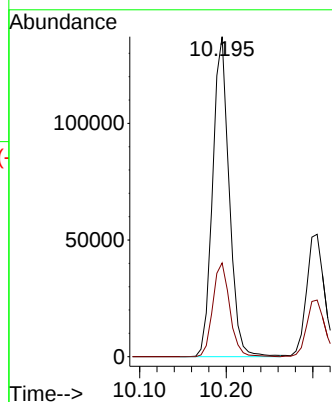
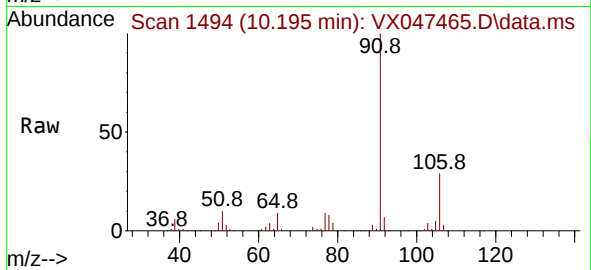




#67
Ethyl Benzene
Concen: 10.183 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX047465.D
Acq: 21 Aug 2025 13:25

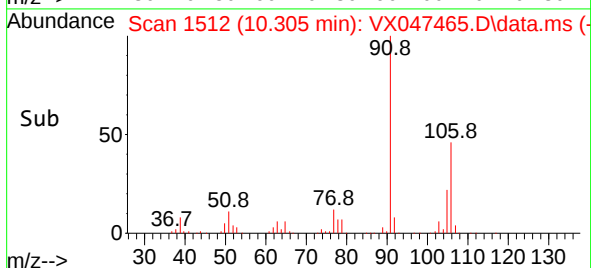
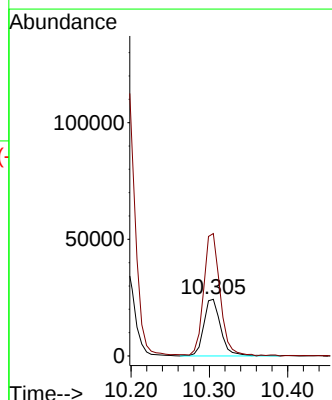
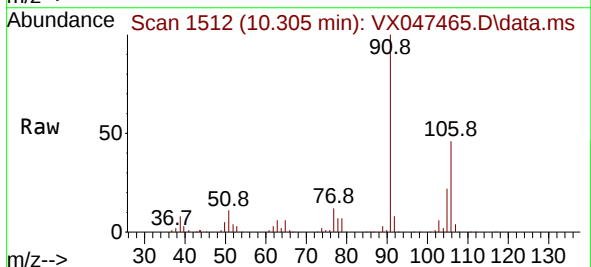
Instrument :
MSVOA_X
ClientSampleId :
MW-11C-081825DL

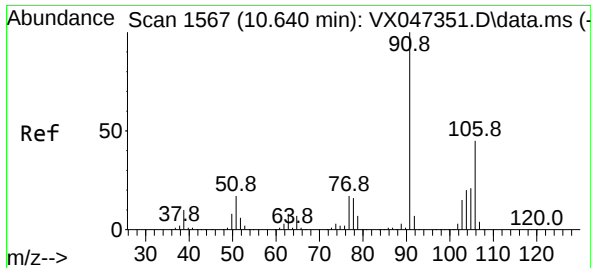
Tgt Ion: 91 Resp: 181825
Ion Ratio Lower Upper
91 100
106 29.3 24.4 36.6



#68
m/p-Xylenes
Concen: 5.473 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX047465.D
Acq: 21 Aug 2025 13:25

Tgt Ion: 106 Resp: 36436
Ion Ratio Lower Upper
106 100
91 210.8 164.7 247.1

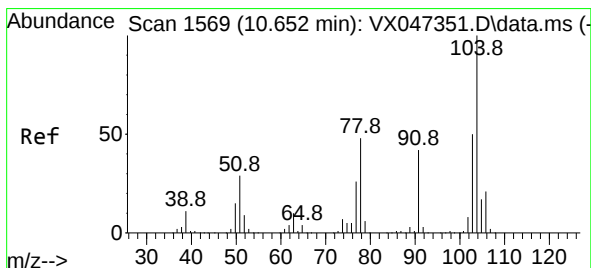
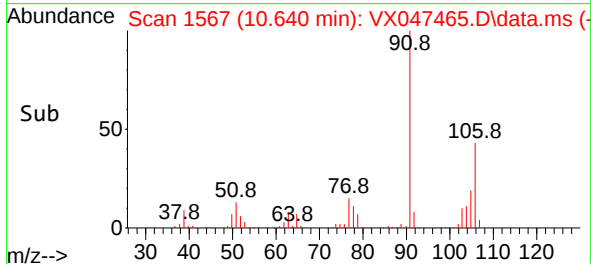
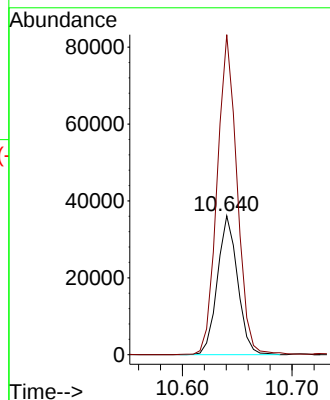
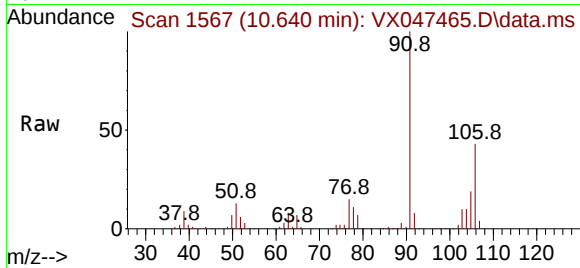




#69
o-Xylene
Concen: 7.206 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047465.D
Acq: 21 Aug 2025 13:25

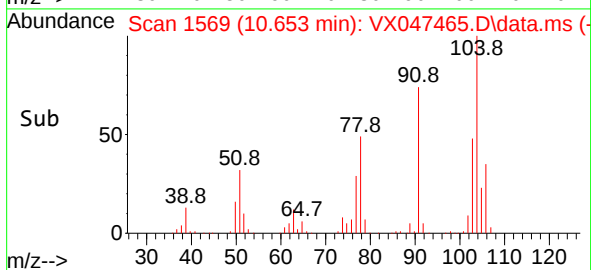
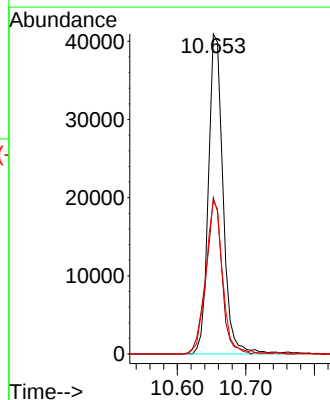
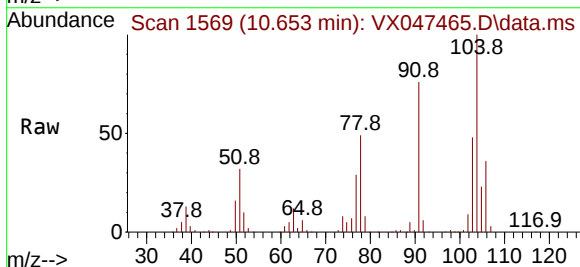
Instrument :
MSVOA_X
ClientSampleId :
MW-11C-081825DL

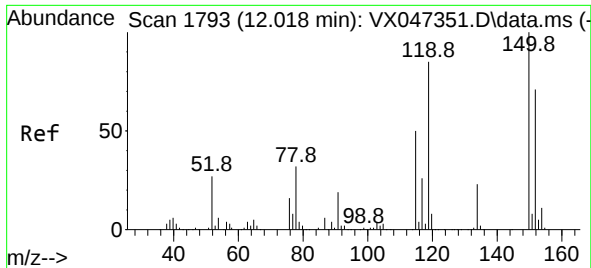
Tgt Ion:106 Resp: 46169
Ion Ratio Lower Upper
106 100
91 227.8 110.6 331.8



#70
Styrene
Concen: 5.620 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047465.D
Acq: 21 Aug 2025 13:25

Tgt Ion:104 Resp: 60840
Ion Ratio Lower Upper
104 100
78 53.7 41.8 62.8
103 54.6 43.6 65.4

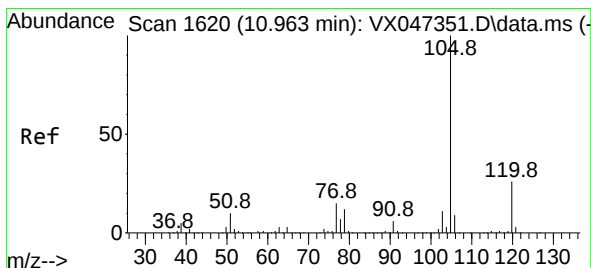
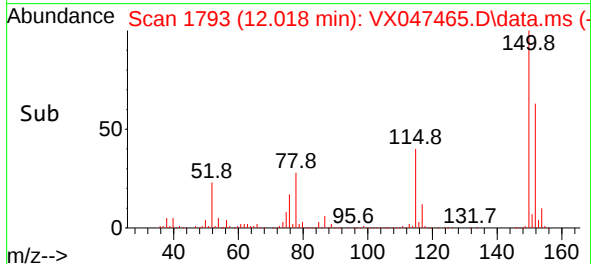
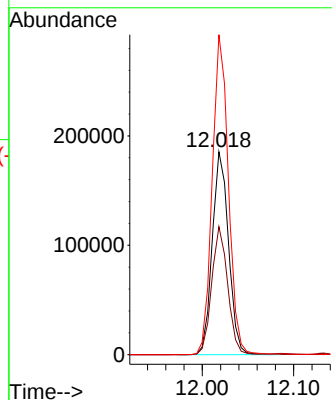
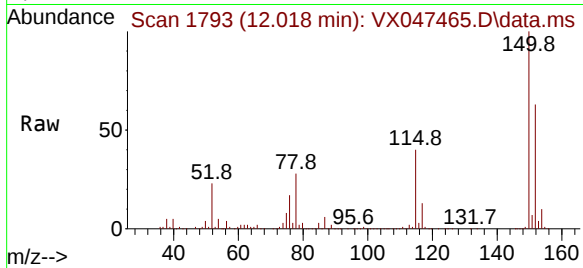




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 1793
 Delta R.T. 0.000 min
 Lab File: VX047465.D
 Acq: 21 Aug 2025 13:25

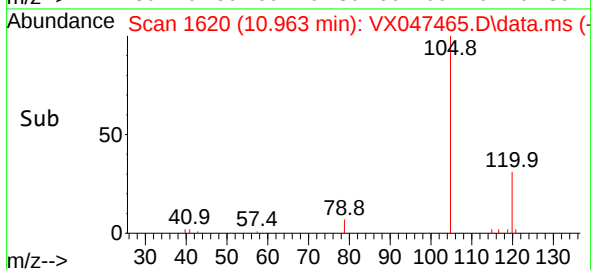
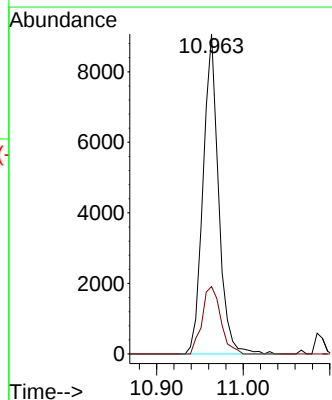
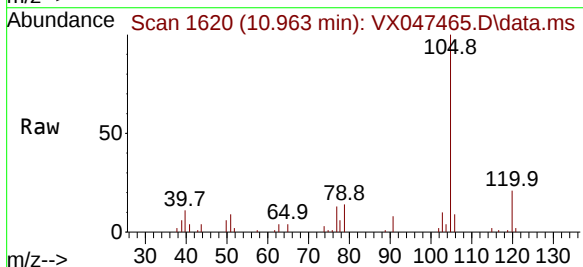
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-11C-081825DL

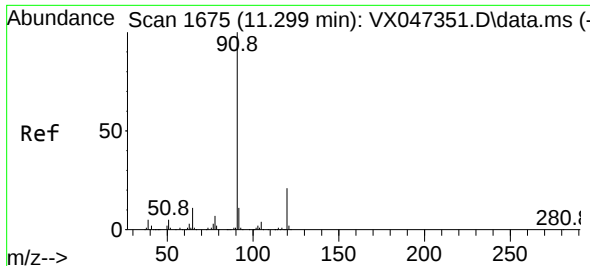
Tgt Ion:152 Resp: 229381
 Ion Ratio Lower Upper
 152 100
 115 61.8 44.6 133.8
 150 156.1 0.0 349.8



#73
 Isopropylbenzene
 Concen: 0.627 ug/l
 RT: 10.963 min Scan# 1620
 Delta R.T. 0.000 min
 Lab File: VX047465.D
 Acq: 21 Aug 2025 13:25

Tgt Ion:105 Resp: 11263
 Ion Ratio Lower Upper
 105 100
 120 25.4 12.9 38.6

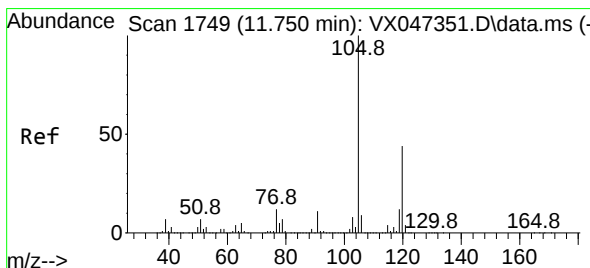
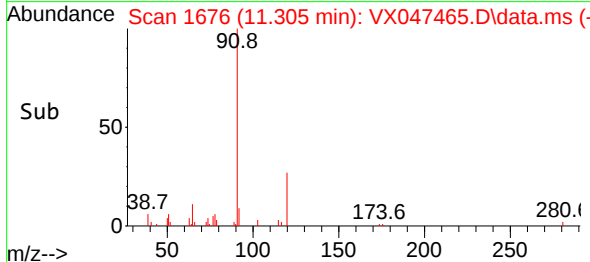
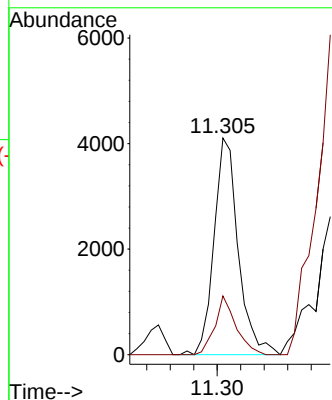
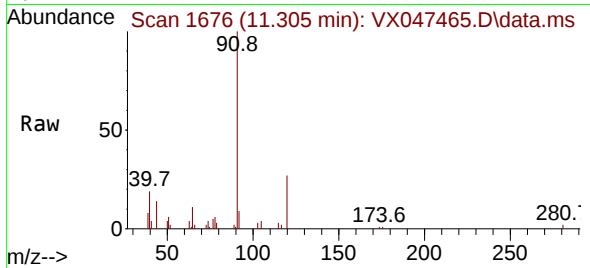




#78
n-propylbenzene
Concen: 0.274 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX047465.D
Acq: 21 Aug 2025 13:25

Instrument :
MSVOA_X
ClientSampleId :
MW-11C-081825DL

Tgt Ion: 91 Resp: 5869
Ion Ratio Lower Upper
91 100
120 23.5 11.0 33.0



#84
1,2,4-Trimethylbenzene
Concen: 4.183 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX047465.D
Acq: 21 Aug 2025 13:25

Tgt Ion: 105 Resp: 61775
Ion Ratio Lower Upper
105 100
120 44.3 21.9 65.7

