

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062325\
 Data File : VX046820.D
 Acq On : 23 Jun 2025 15:11
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jun 24 04:08:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 18 03:09:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	120476	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	213905	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	193146	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	97450	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	81899	49.147	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.300%
35) Dibromofluoromethane	5.397	113	66907	47.275	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.560%
50) Toluene-d8	8.653	98	252932	49.744	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.480%
62) 4-Bromofluorobenzene	11.079	95	96977	51.164	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.320%

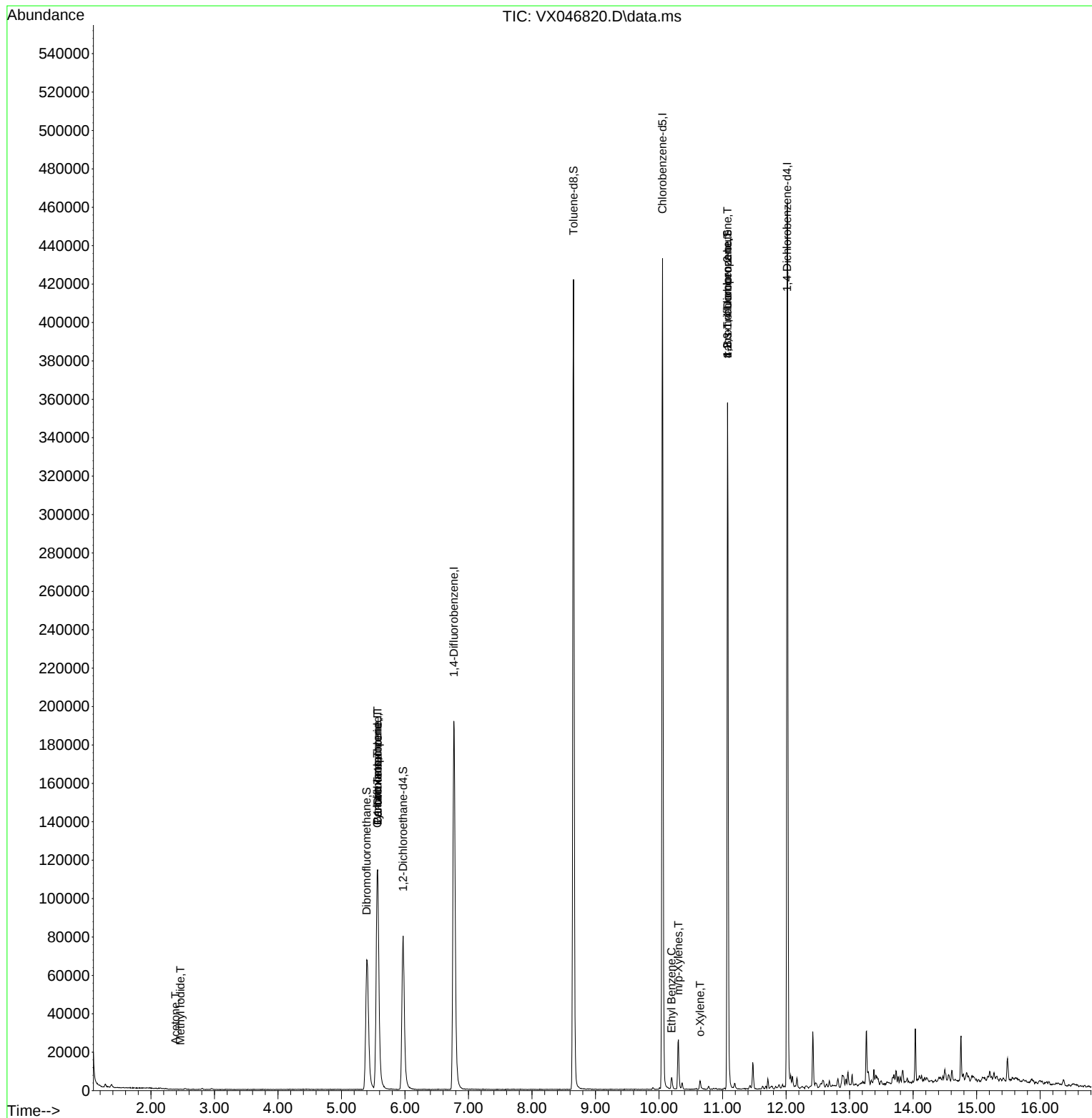
Target Compounds					Qvalue	
10) Methyl Iodide	2.465	142	56	4.363	ug/l #	38
16) Acetone	2.386	43	347	0.624	ug/l #	44
31) Cyclohexane	5.562	56	2440	0.978	ug/l #	1
36) 1,1-Dichloropropene	5.568	75	9210	4.508	ug/l #	52
38) Carbon Tetrachloride	5.568	117	12378	5.583	ug/l #	16
67) Ethyl Benzene	10.195	91	4630	0.622	ug/l	96
68) m/p-Xylenes	10.305	106	6819	2.457	ug/l	97
69) o-Xylene	10.646	106	1251	0.481	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	48874	27.383	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	48874	77.401	ug/l #	7

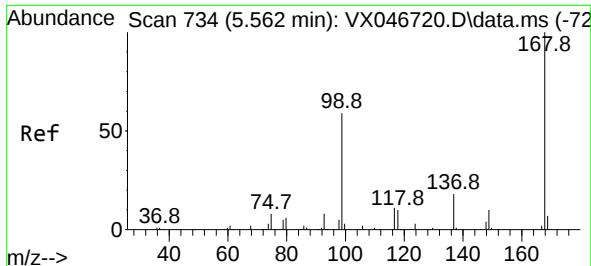
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062325\
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MSVOA_X
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IBLK

Quant Time: Jun 24 04:08:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

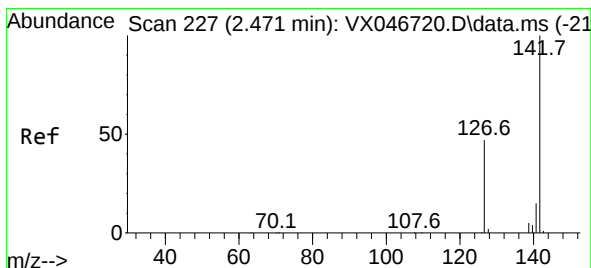
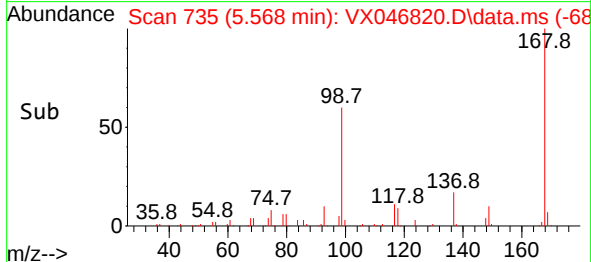
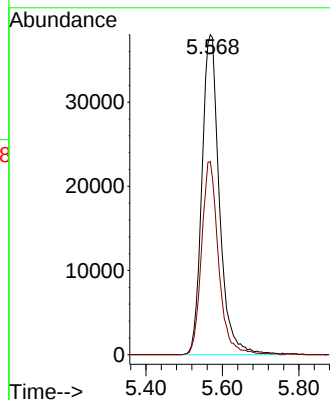
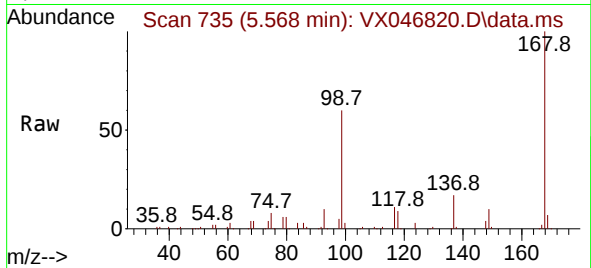




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046820.D
Acq: 23 Jun 2025 15:11

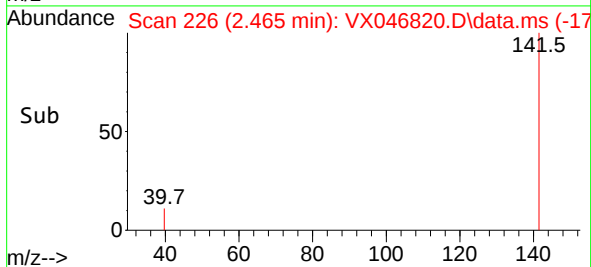
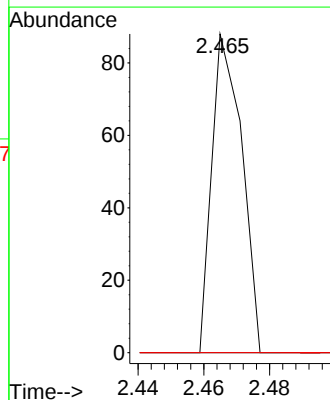
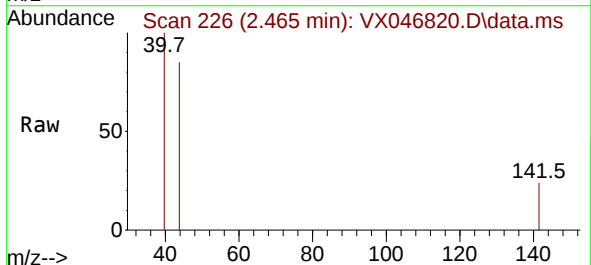
Instrument :
MSVOA_X
ClientSampleId :
IBLK

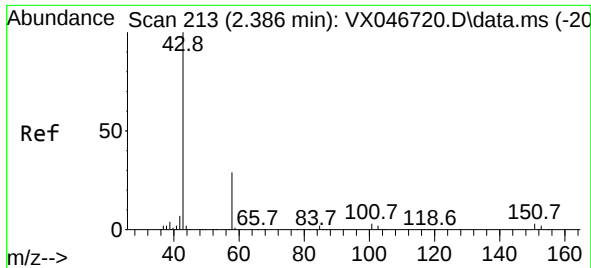
Tgt Ion:168 Resp: 120476
Ion Ratio Lower Upper
168 100
99 60.4 48.5 72.7



#10
Methyl Iodide
Concen: 4.363 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX046820.D
Acq: 23 Jun 2025 15:11

Tgt Ion:142 Resp: 56
Ion Ratio Lower Upper
142 100
127 0.0 37.0 55.6#
141 0.0 11.5 17.3#

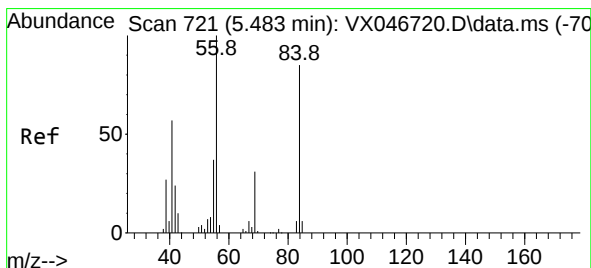
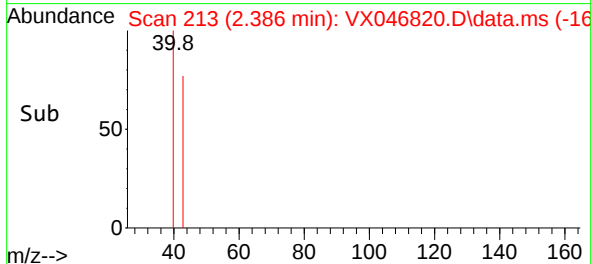
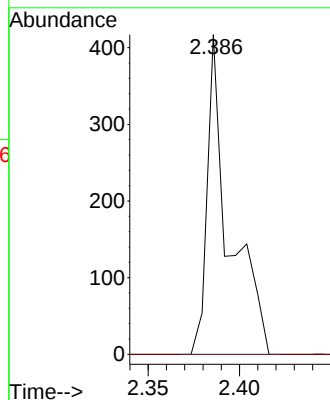
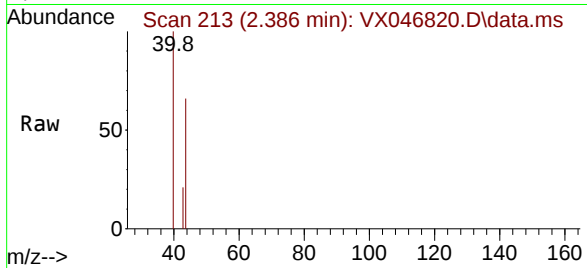




#16
Acetone
Concen: 0.624 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046820.D
Acq: 23 Jun 2025 15:11

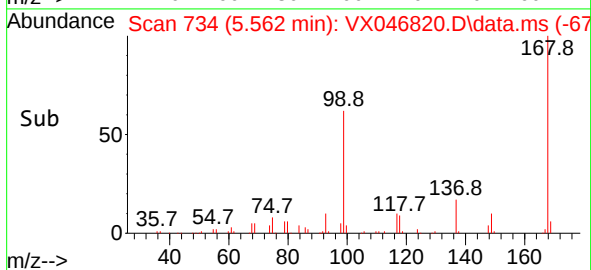
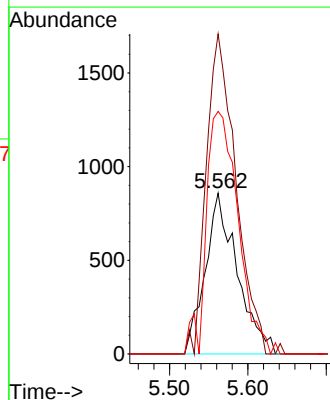
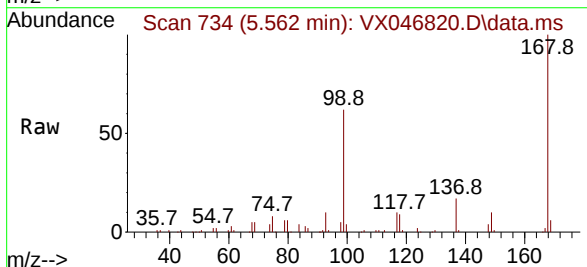
Instrument :
MSVOA_X
ClientSampleId :
IBLK

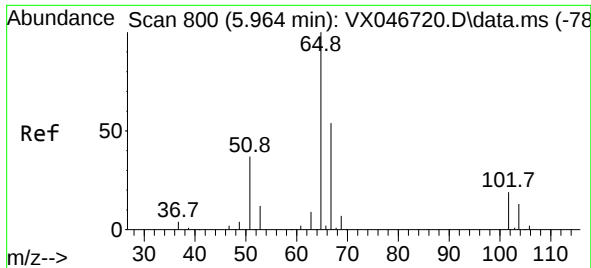
Tgt Ion: 43 Resp: 347
Ion Ratio Lower Upper
43 100
58 0.0 24.5 36.7#



#31
Cyclohexane
Concen: 0.978 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.079 min
Lab File: VX046820.D
Acq: 23 Jun 2025 15:11

Tgt Ion: 56 Resp: 2440
Ion Ratio Lower Upper
56 100
69 199.1 24.8 37.2#
84 150.9 68.2 102.2#





#33

1,2-Dichloroethane-d4

Concen: 49.147 ug/l

RT: 5.970 min Scan# 801

Delta R.T. 0.006 min

Lab File: VX046820.D

Acq: 23 Jun 2025 15:11

Instrument :

MSVOA_X

ClientSampleId :

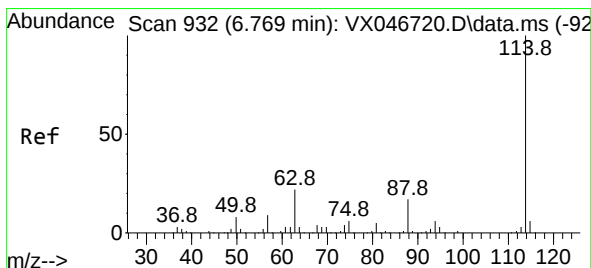
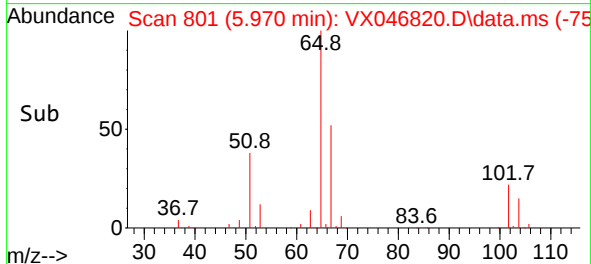
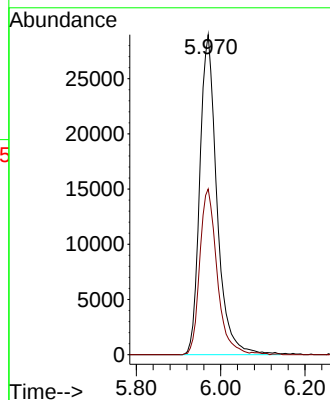
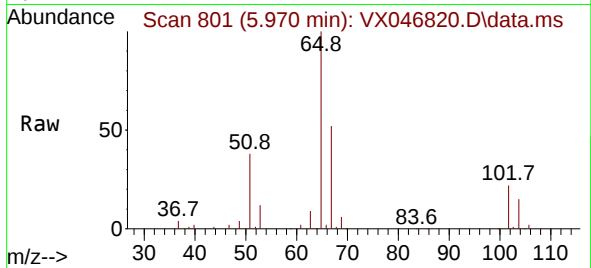
IBLK

Tgt Ion: 65 Resp: 81899

Ion Ratio Lower Upper

65 100

67 52.3 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX046820.D

Acq: 23 Jun 2025 15:11

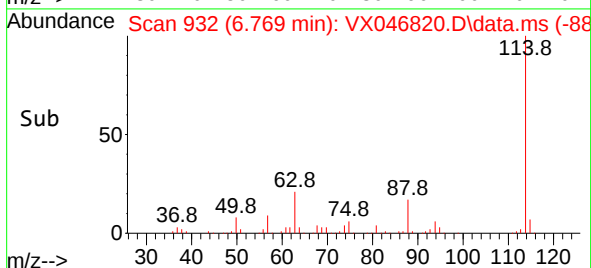
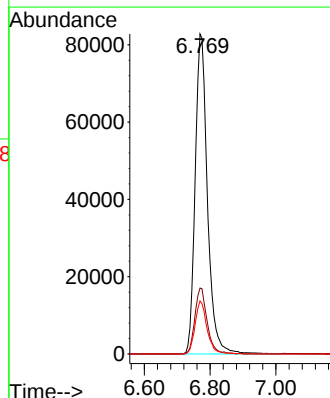
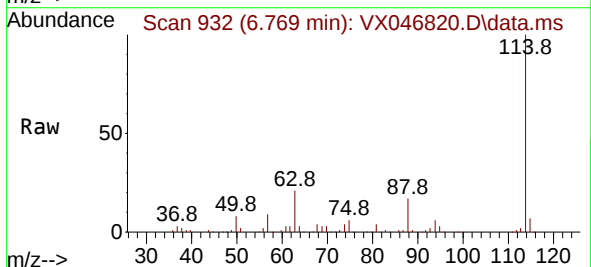
Tgt Ion: 114 Resp: 213905

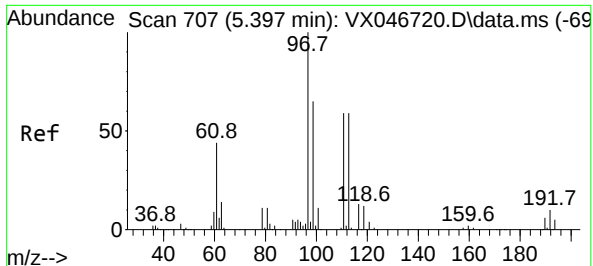
Ion Ratio Lower Upper

114 100

63 20.6 0.0 44.2

88 16.5 0.0 33.2

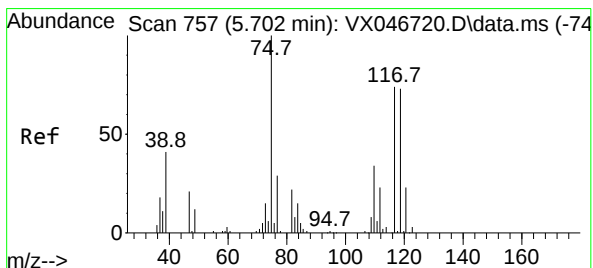
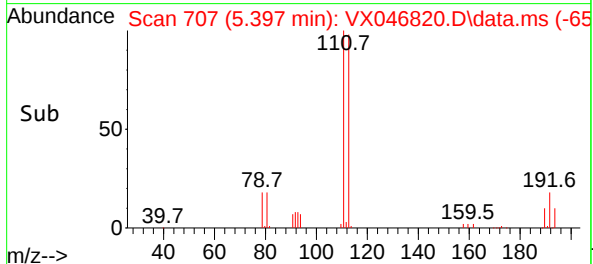
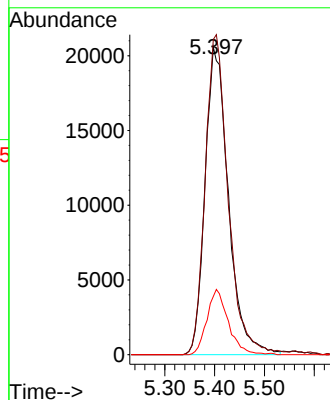
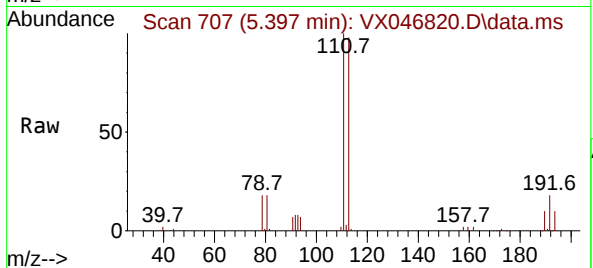




#35
Dibromofluoromethane
Concen: 47.275 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046820.D
Acq: 23 Jun 2025 15:11

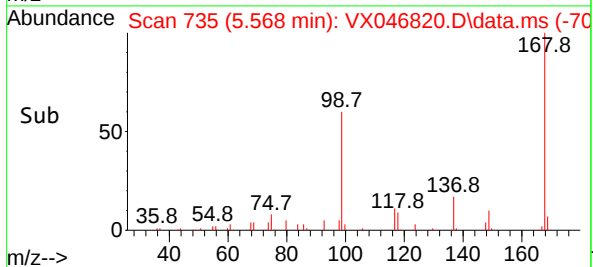
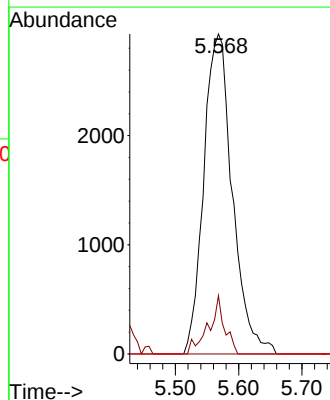
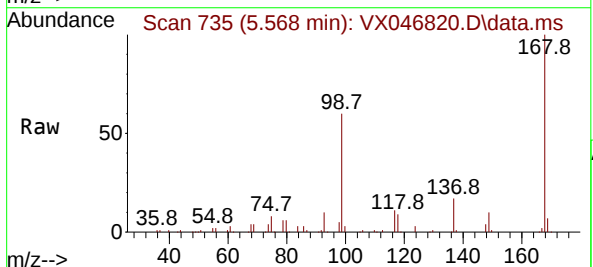
Instrument :
MSVOA_X
ClientSampleId :
IBLK

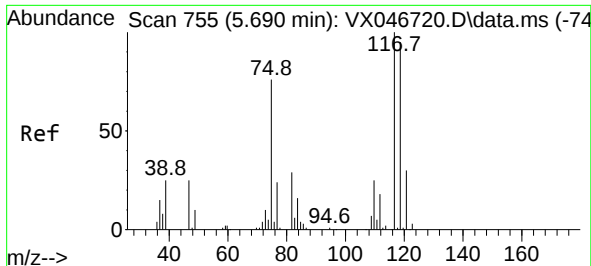
Tgt Ion:113 Resp: 66907
Ion Ratio Lower Upper
113 100
111 102.6 82.0 123.0
192 19.4 15.3 22.9



#36
1,1-Dichloropropene
Concen: 4.508 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.134 min
Lab File: VX046820.D
Acq: 23 Jun 2025 15:11

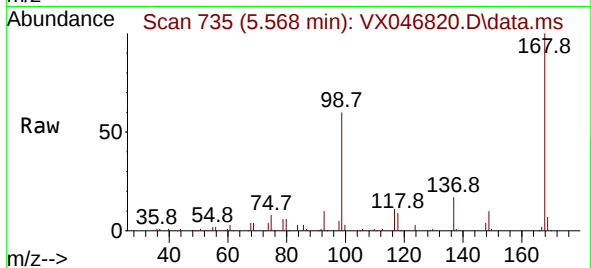
Tgt Ion: 75 Resp: 9210
Ion Ratio Lower Upper
75 100
110 10.2 17.2 51.5#
77 0.0 24.2 36.4#



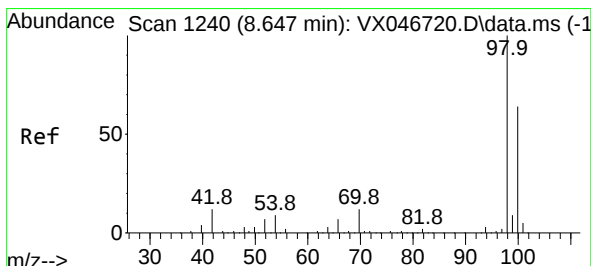
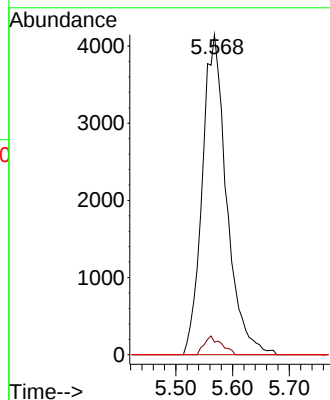
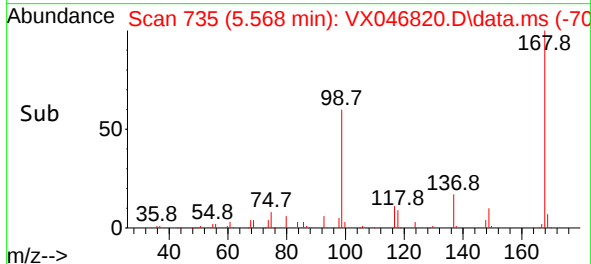


#38
Carbon Tetrachloride
Concen: 5.583 ug/l
RT: 5.568 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX046820.D
Acq: 23 Jun 2025 15:11

Instrument :
MSVOA_X
ClientSampleId :
IBLK

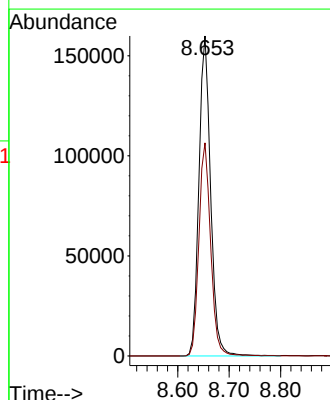
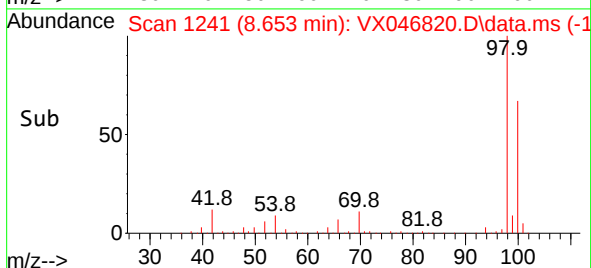
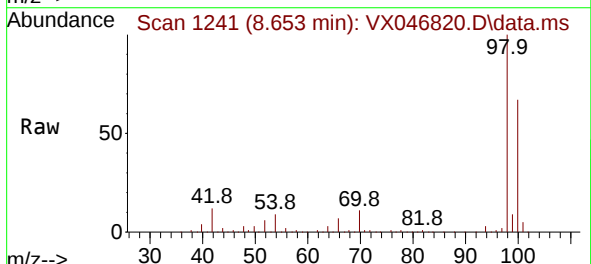


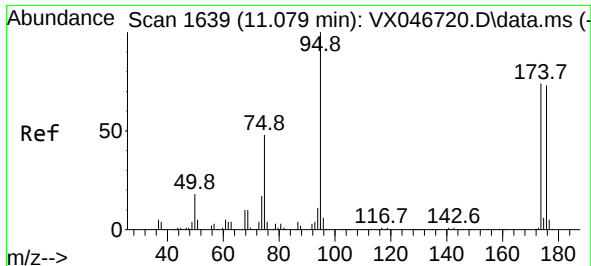
Tgt Ion:117 Resp: 12378
Ion Ratio Lower Upper
117 100
119 4.0 75.2 112.8#
121 0.0 24.1 36.1#



#50
Toluene-d8
Concen: 49.744 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX046820.D
Acq: 23 Jun 2025 15:11

Tgt Ion: 98 Resp: 252932
Ion Ratio Lower Upper
98 100
100 66.9 53.0 79.4

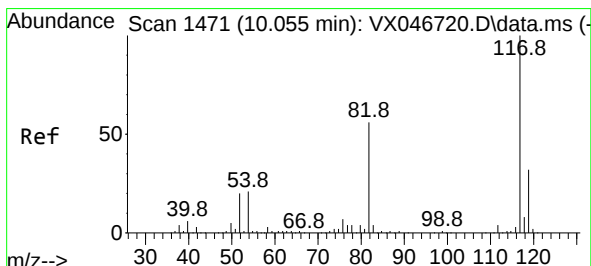
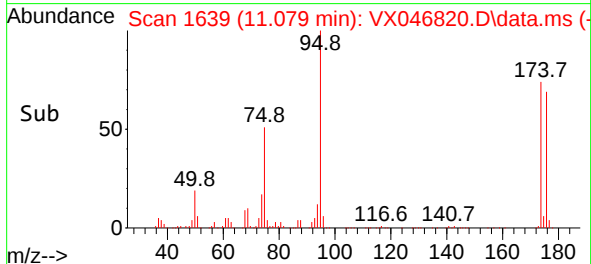
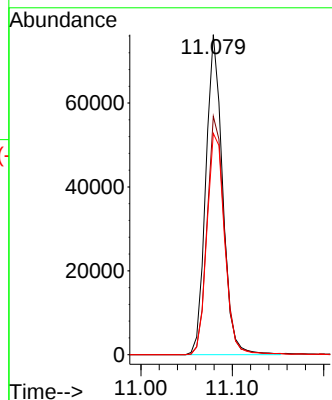
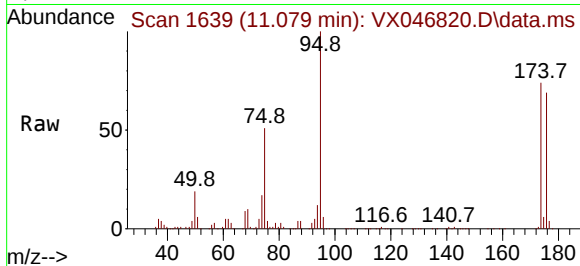




#62
4-Bromofluorobenzene
Concen: 51.164 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046820.D
Acq: 23 Jun 2025 15:11

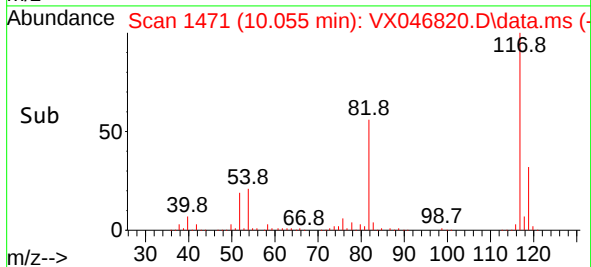
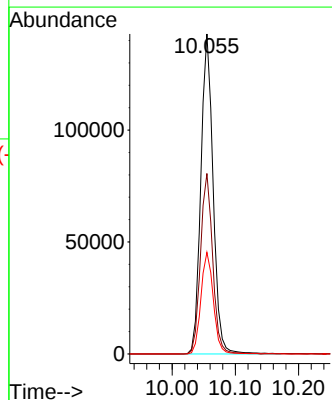
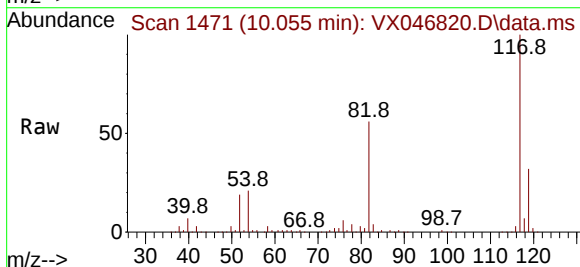
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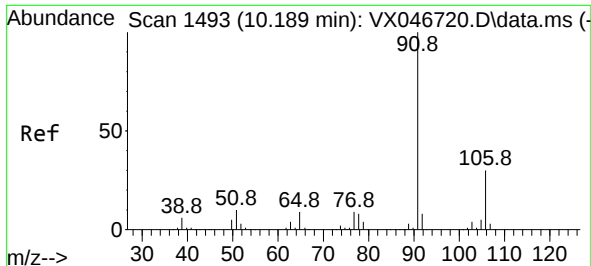
Tgt Ion: 95 Resp: 96977
Ion Ratio Lower Upper
95 100
174 77.3 0.0 150.4
176 73.4 0.0 145.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046820.D
Acq: 23 Jun 2025 15:11

Tgt Ion: 117 Resp: 193146
Ion Ratio Lower Upper
117 100
82 56.4 44.6 66.8
119 31.7 25.8 38.8





#67

Ethyl Benzene

Concen: 0.622 ug/l

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX046820.D

Acq: 23 Jun 2025 15:11

Instrument :

MSVOA_X

ClientSampleId :

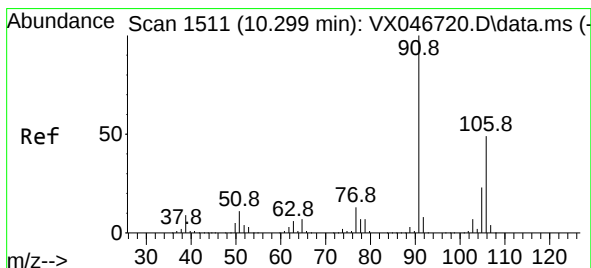
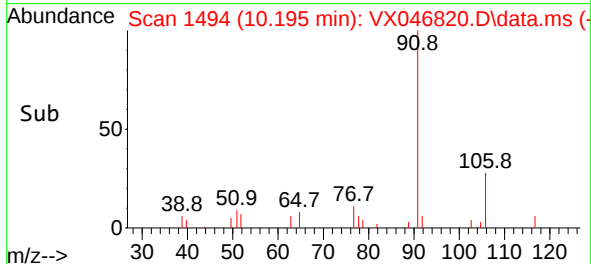
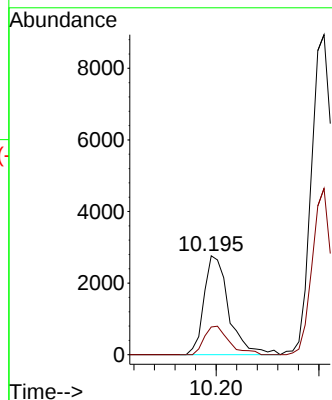
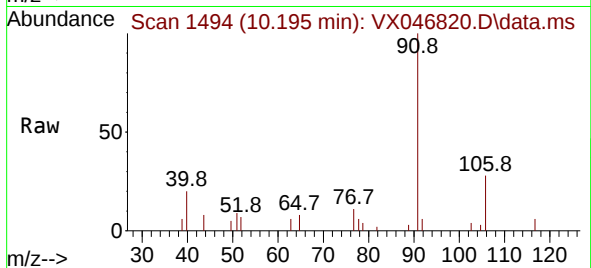
IBLK

Tgt Ion: 91 Resp: 4630

Ion Ratio Lower Upper

91 100

106 28.0 24.2 36.2



#68

m/p-Xylenes

Concen: 2.457 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX046820.D

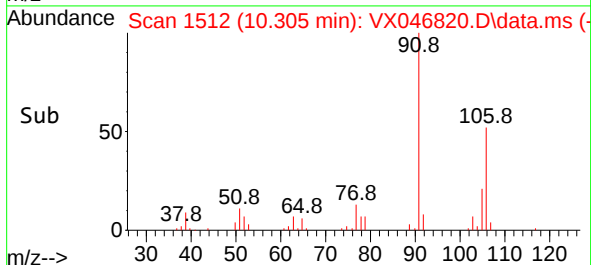
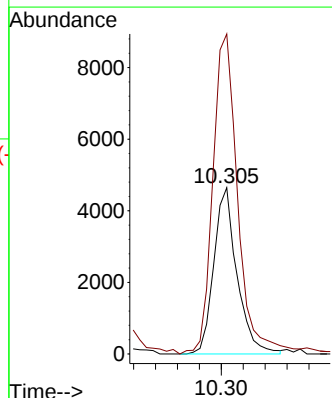
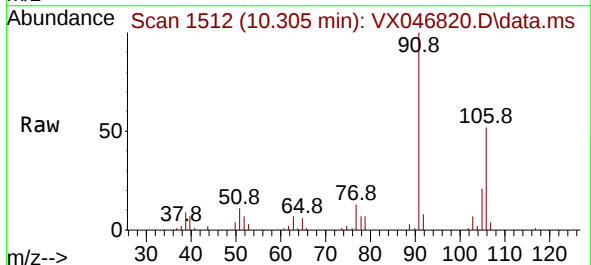
Acq: 23 Jun 2025 15:11

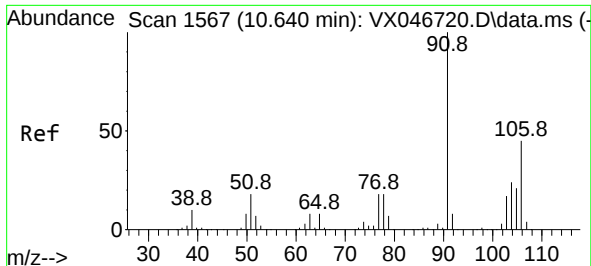
Tgt Ion:106 Resp: 6819

Ion Ratio Lower Upper

106 100

91 210.3 164.8 247.2

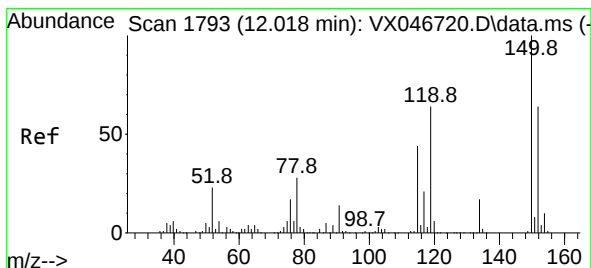
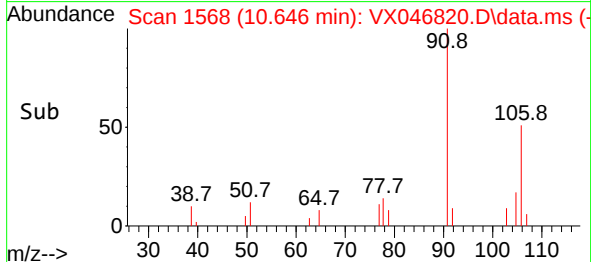
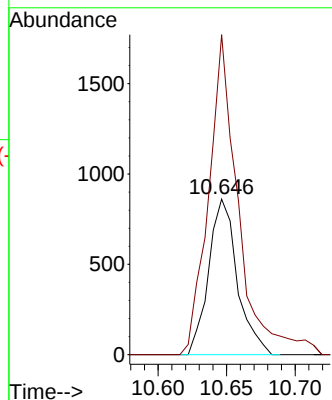
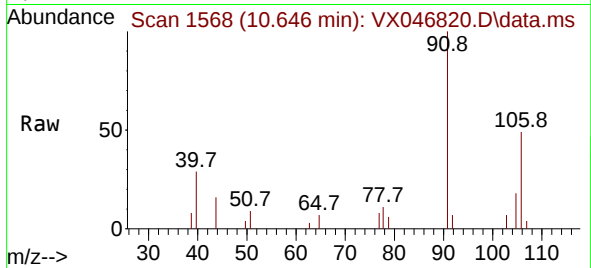




#69
o-Xylene
Concen: 0.481 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046820.D
Acq: 23 Jun 2025 15:11

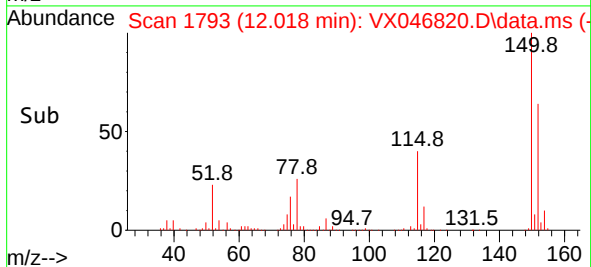
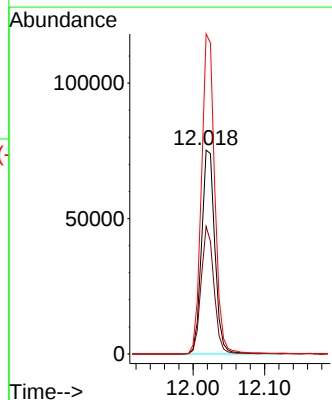
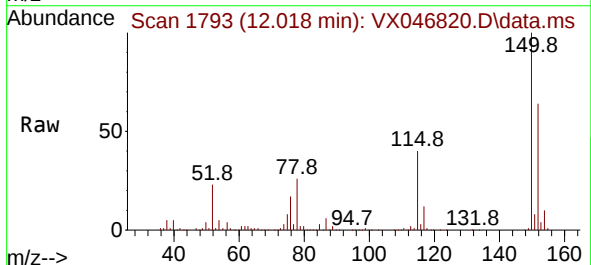
Instrument :
MSVOA_X
ClientSampleId :
IBLK

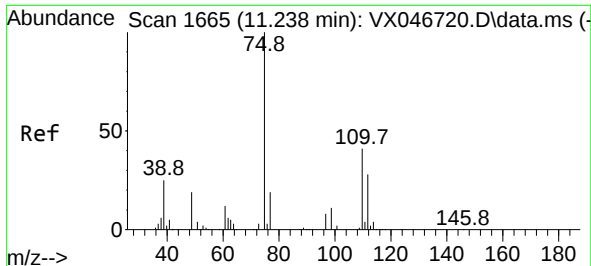
Tgt Ion:106 Resp: 1251
Ion Ratio Lower Upper
106 100
91 214.4 111.3 333.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046820.D
Acq: 23 Jun 2025 15:11

Tgt Ion:152 Resp: 97450
Ion Ratio Lower Upper
152 100
115 60.4 43.2 129.6
150 156.7 0.0 346.8

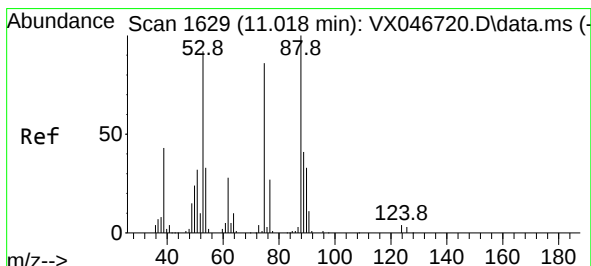
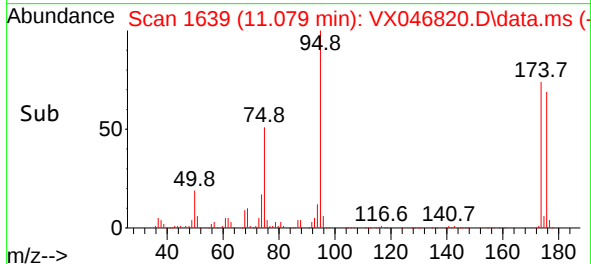
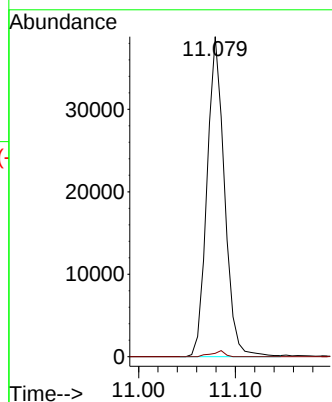
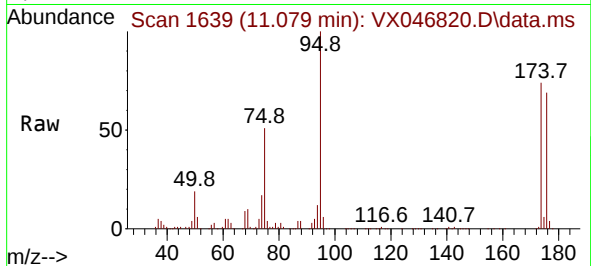




#76
1,2,3-Trichloropropane
Concen: 27.383 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX046820.D
Acq: 23 Jun 2025 15:11

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 48874
Ion Ratio Lower Upper
75 100
77 1.4 18.5 55.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.401 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX046820.D
Acq: 23 Jun 2025 15:11

Tgt Ion: 75 Resp: 48874
Ion Ratio Lower Upper
75 100
53 0.0 86.8 130.2#
89 0.0 36.9 55.3#

