

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062325\
 Data File : VX046823.D
 Acq On : 23 Jun 2025 16:16
 Operator : JC/MD
 Sample : Q2371-06
 Misc : 6.55g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GBUFF1

Quant Time: Jun 24 04:09:42 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)

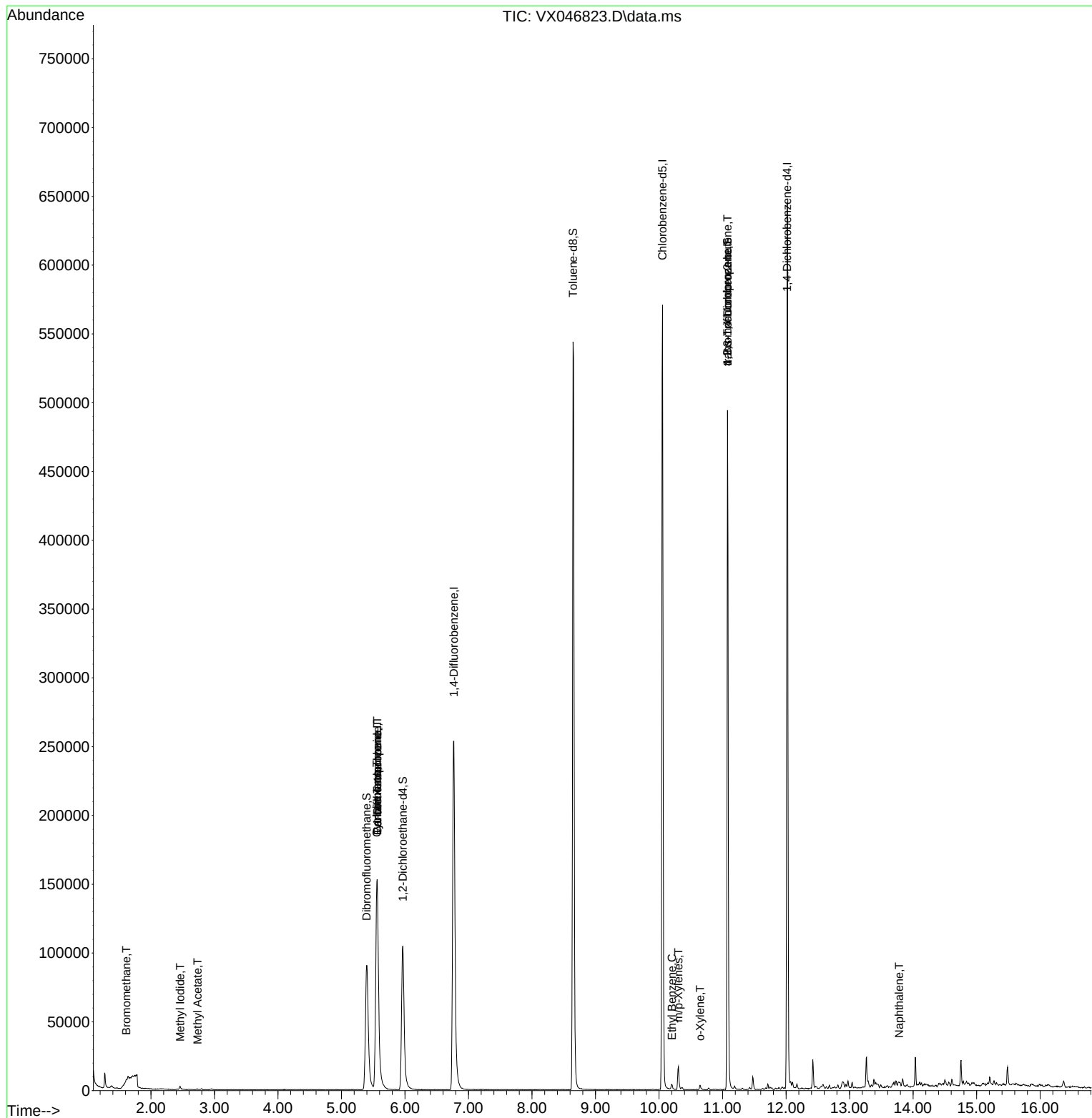
Internal Standards						
1) Pentafluorobenzene	5.562	168	165089	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	290579	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	264787	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	131514	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	110528	48.403	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.800%		
35) Dibromofluoromethane	5.397	113	90228	46.931	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.860%		
50) Toluene-d8	8.647	98	344741	49.909	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.820%		
62) 4-Bromofluorobenzene	11.079	95	132002	51.267	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	102.540%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.612	94	721	0.632	ug/l #	78
10) Methyl Iodide	2.459	142	2947	5.471	ug/l #	86
18) Methyl Acetate	2.733	43	729	0.377	ug/l #	69
31) Cyclohexane	5.556	56	3416	0.999	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	12847	4.629	ug/l #	49
38) Carbon Tetrachloride	5.562	117	16703	5.546	ug/l #	17
67) Ethyl Benzene	10.201	91	3025	0.296	ug/l	97
68) m/p-Xylenes	10.305	106	4446	1.168	ug/l	92
69) o-Xylene	10.646	106	896	0.251	ug/l	94
76) 1,2,3-Trichloropropane	11.079	75	65886	27.353	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	65886	77.316	ug/l #	7
95) Naphthalene	13.780	128	2639	0.307	ug/l #	95

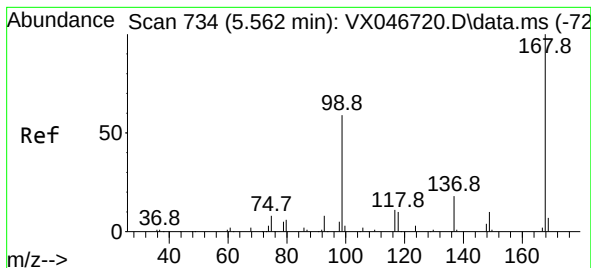
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062325\
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Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.562 min Scan# 71

Delta R.T. 0.000 min

Lab File: VX046823.D

Acq: 23 Jun 2025 16:16

Instrument :

MSVOA_X

ClientSampleId :

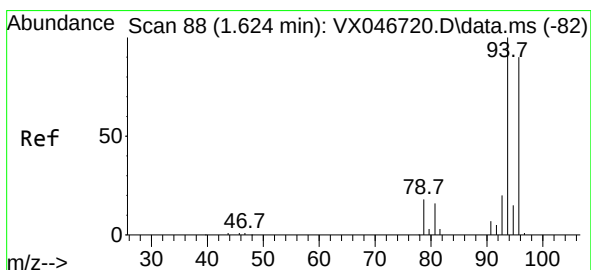
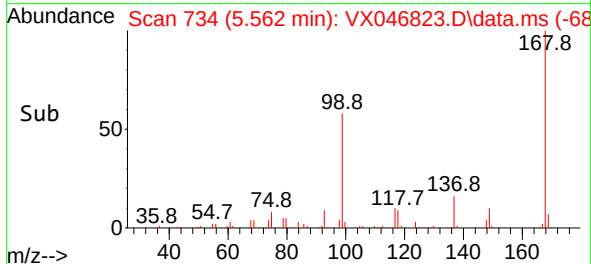
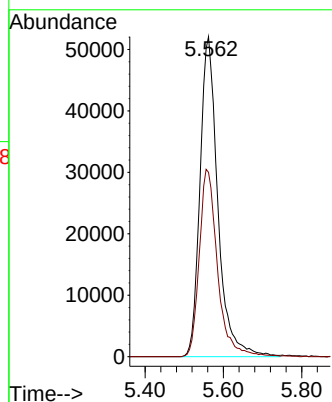
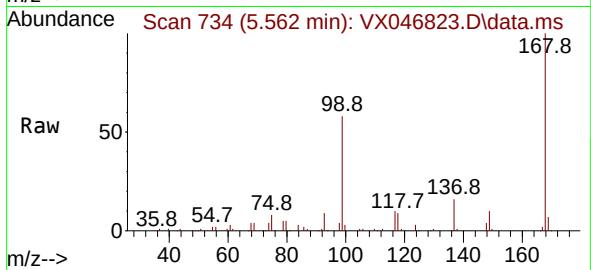
GBUFF1

Tgt Ion:168 Resp: 165089

Ion Ratio Lower Upper

168 100

99 57.6 48.5 72.7



#5

Bromomethane

Concen: 0.632 ug/l

RT: 1.612 min Scan# 86

Delta R.T. -0.012 min

Lab File: VX046823.D

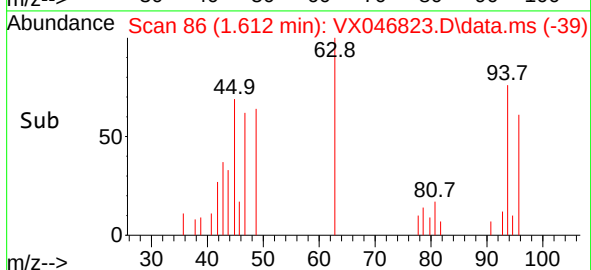
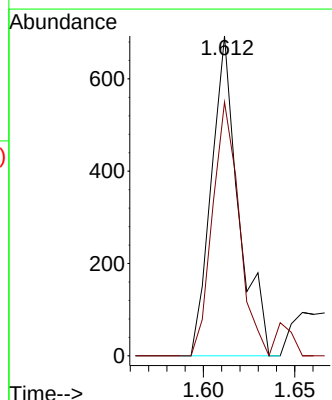
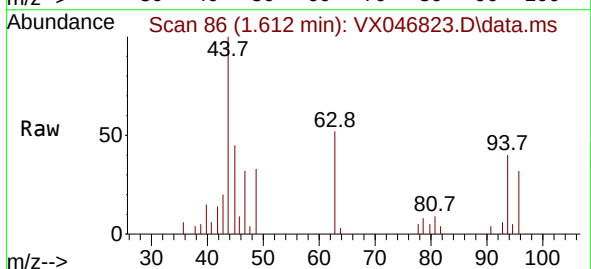
Acq: 23 Jun 2025 16:16

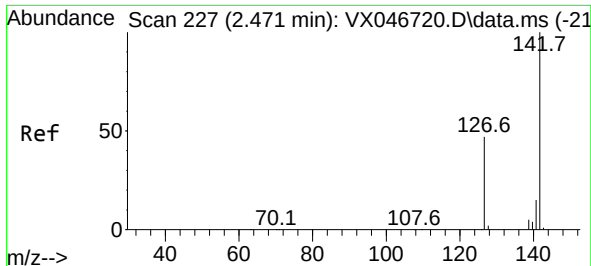
Tgt Ion: 94 Resp: 721

Ion Ratio Lower Upper

94 100

96 70.0 72.3 108.5#

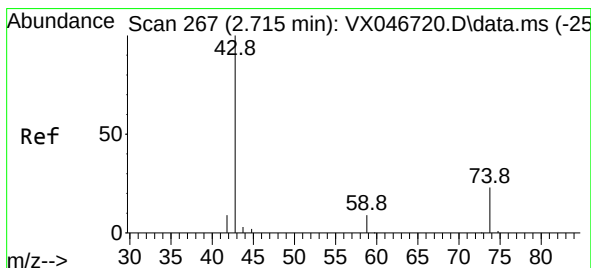
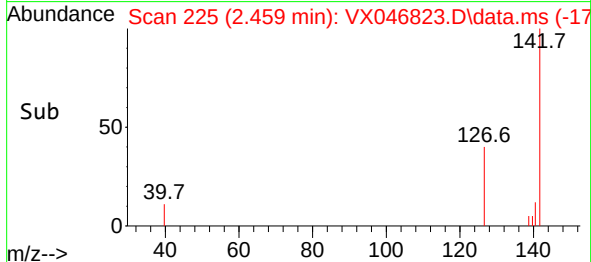
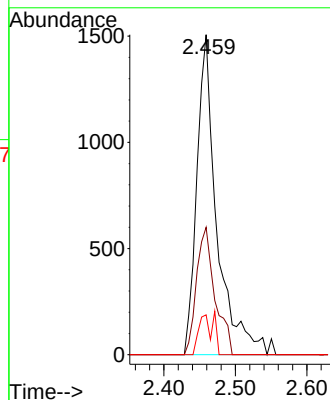
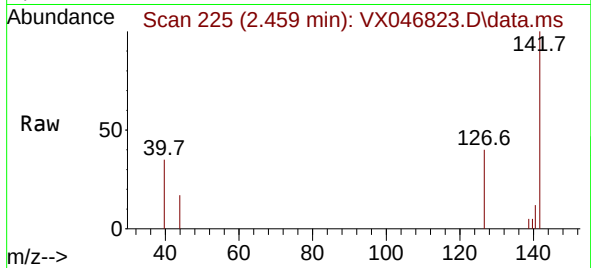




#10
Methyl Iodide
Concen: 5.471 ug/l
RT: 2.459 min Scan# 21
Delta R.T. -0.012 min
Lab File: VX046823.D
Acq: 23 Jun 2025 16:16

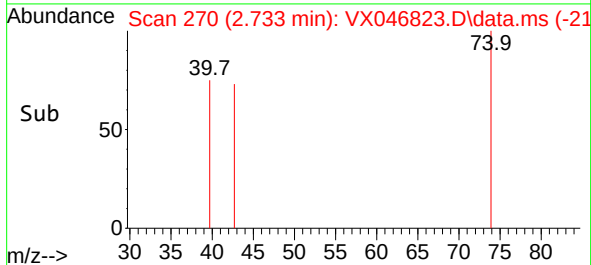
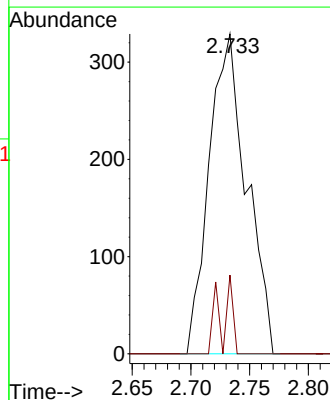
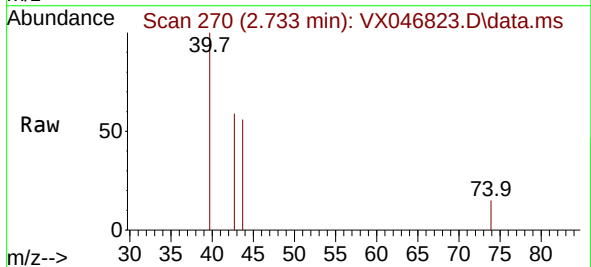
Instrument :
MSVOA_X
ClientSampleId :
GBUFF1

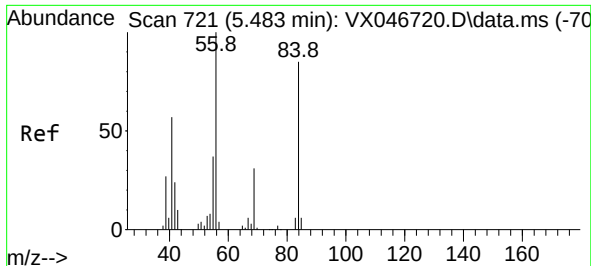
Tgt Ion:142 Resp: 2947
Ion Ratio Lower Upper
142 100
127 36.5 37.0 55.6#
141 9.1 11.5 17.3#



#18
Methyl Acetate
Concen: 0.377 ug/l
RT: 2.733 min Scan# 270
Delta R.T. 0.018 min
Lab File: VX046823.D
Acq: 23 Jun 2025 16:16

Tgt Ion: 43 Resp: 729
Ion Ratio Lower Upper
43 100
74 7.8 18.4 27.6#

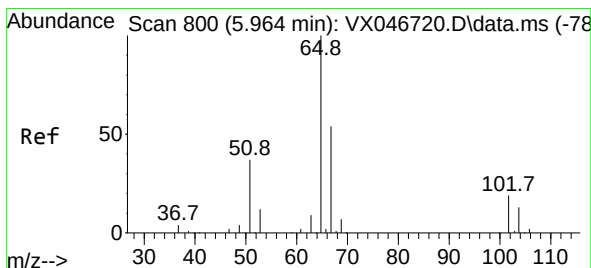
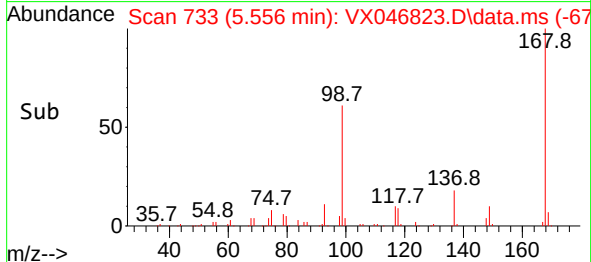
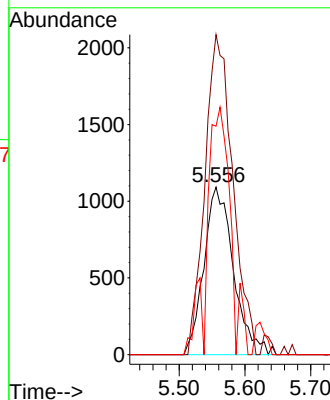
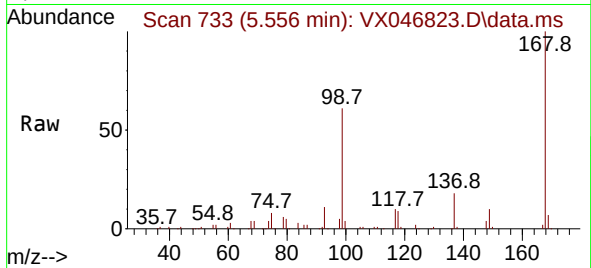




#31
Cyclohexane
Concen: 0.999 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.073 min
Lab File: VX046823.D
Acq: 23 Jun 2025 16:16

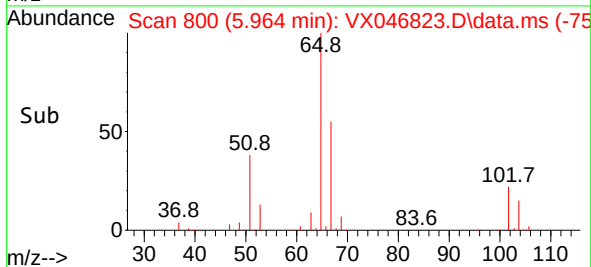
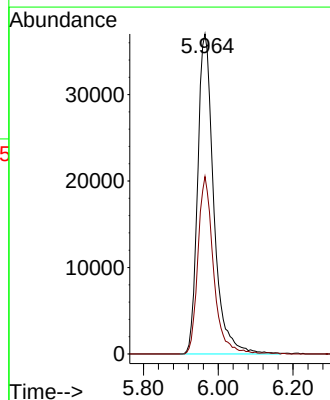
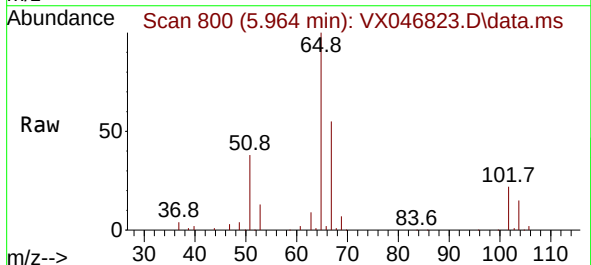
Instrument :
MSVOA_X
ClientSampleId :
GBUFF1

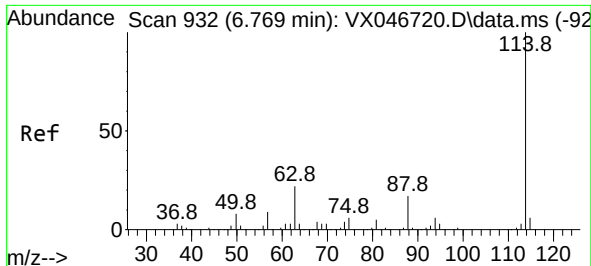
Tgt Ion: 56 Resp: 3416
Ion Ratio Lower Upper
56 100
69 191.0 24.8 37.2#
84 136.4 68.2 102.2#



#33
1,2-Dichloroethane-d4
Concen: 48.403 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX046823.D
Acq: 23 Jun 2025 16:16

Tgt Ion: 65 Resp: 110528
Ion Ratio Lower Upper
65 100
67 53.7 0.0 105.4

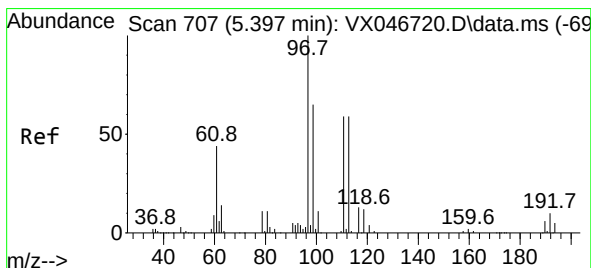
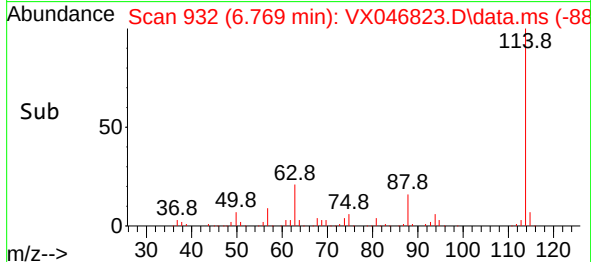
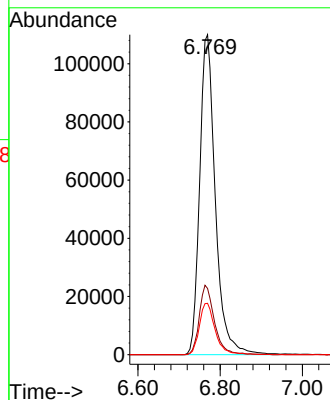
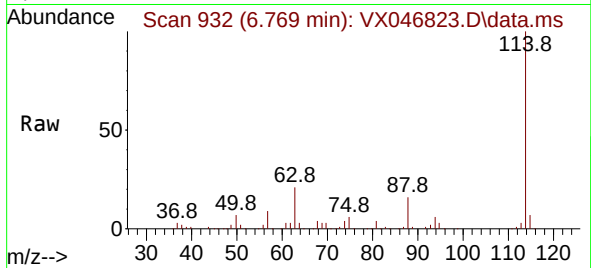




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX046823.D
Acq: 23 Jun 2025 16:16

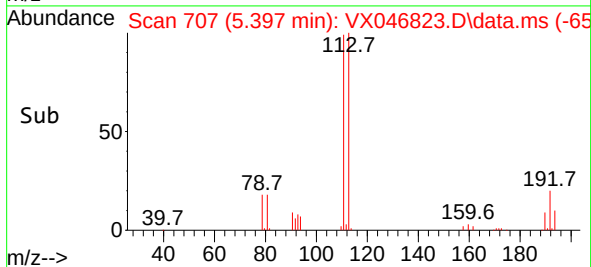
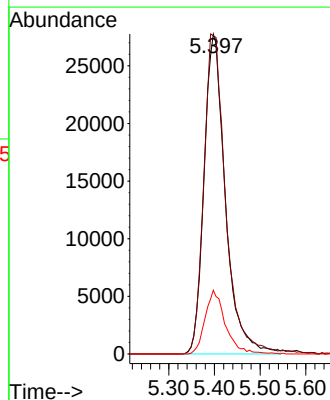
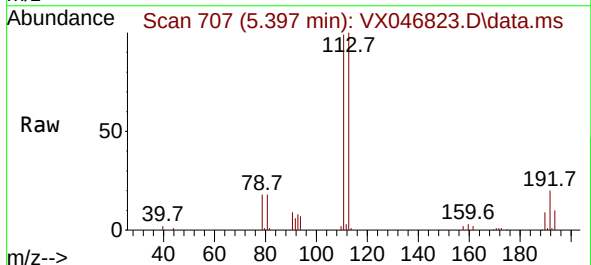
Instrument :
MSVOA_X
ClientSampleId :
GBUFF1

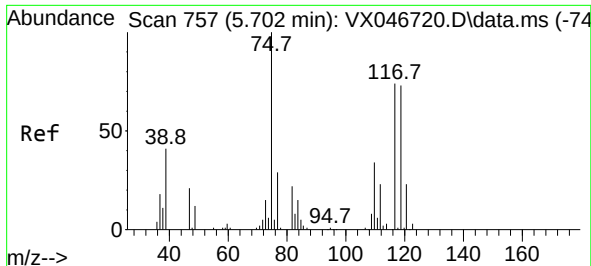
Tgt Ion:114 Resp: 290579
Ion Ratio Lower Upper
114 100
63 20.7 0.0 44.2
88 16.1 0.0 33.2



#35
Dibromofluoromethane
Concen: 46.931 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046823.D
Acq: 23 Jun 2025 16:16

Tgt Ion:113 Resp: 90228
Ion Ratio Lower Upper
113 100
111 102.8 82.0 123.0
192 19.0 15.3 22.9

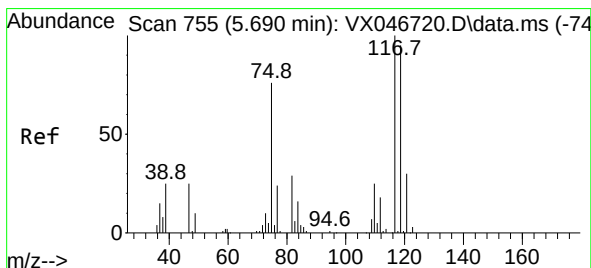
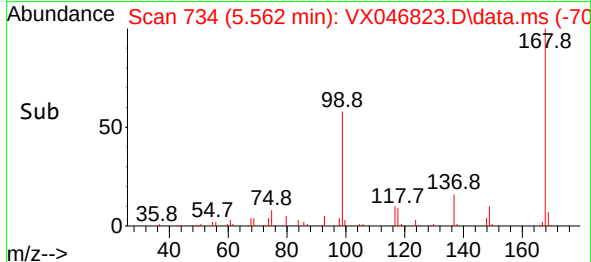
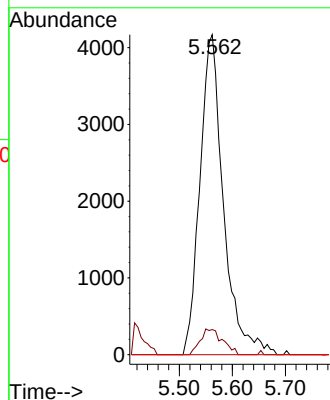
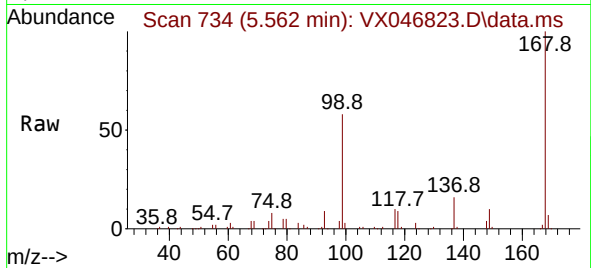




#36
1,1-Dichloropropene
Concen: 4.629 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX046823.D
Acq: 23 Jun 2025 16:16

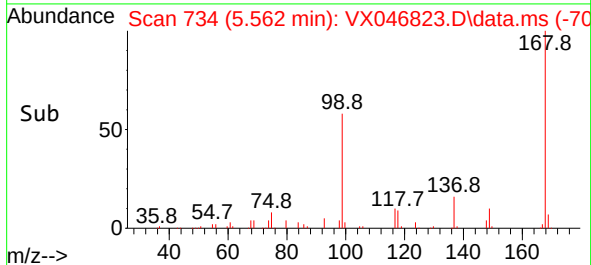
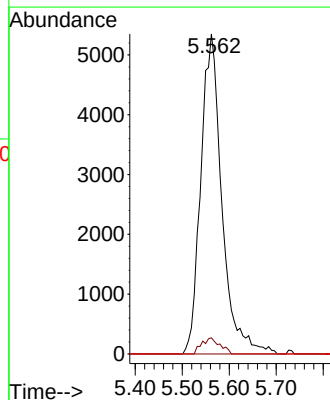
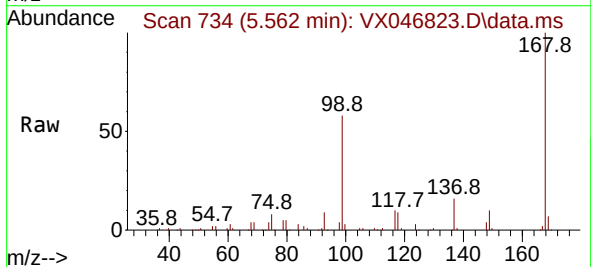
Instrument :
MSVOA_X
ClientSampleId :
GBUFF1

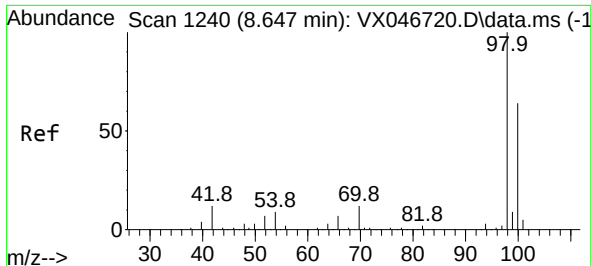
Tgt Ion: 75 Resp: 12847
Ion Ratio Lower Upper
75 100
110 7.6 17.2 51.5#
77 0.0 24.2 36.4#



#38
Carbon Tetrachloride
Concen: 5.546 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX046823.D
Acq: 23 Jun 2025 16:16

Tgt Ion: 117 Resp: 16703
Ion Ratio Lower Upper
117 100
119 5.1 75.2 112.8#
121 0.0 24.1 36.1#

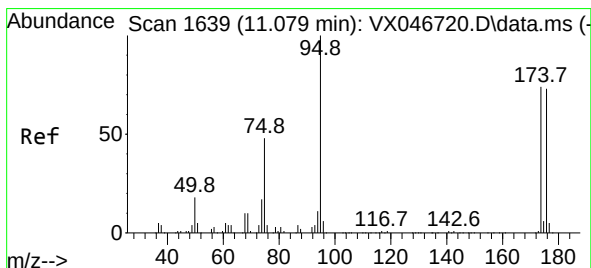
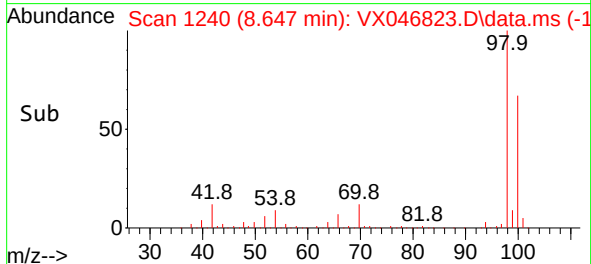
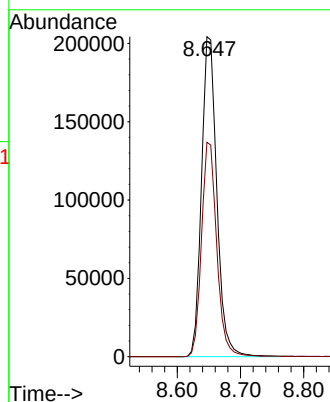
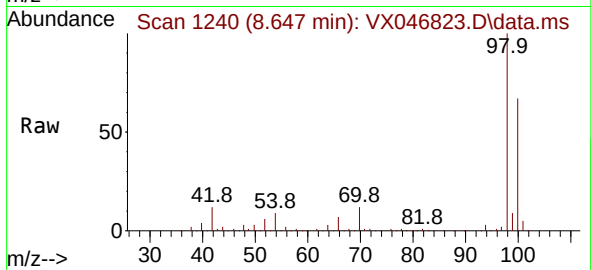




#50
Toluene-d8
Concen: 49.909 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046823.D
Acq: 23 Jun 2025 16:16

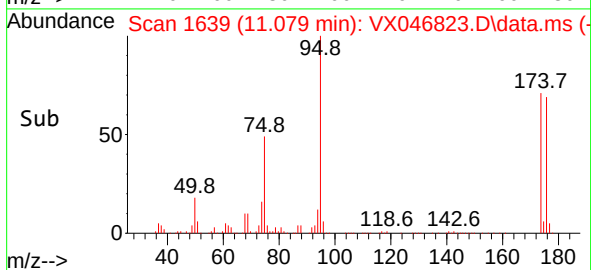
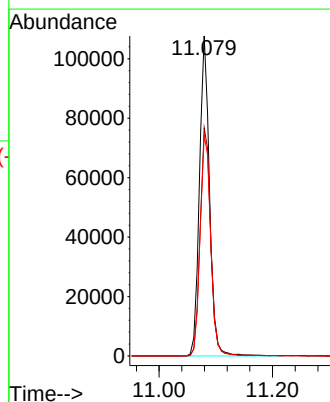
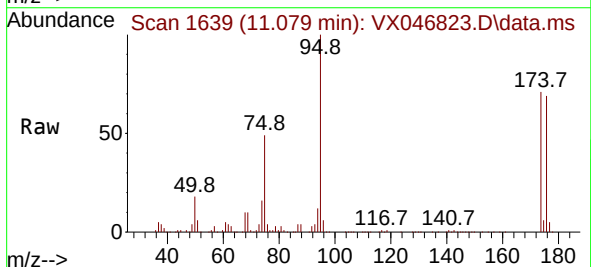
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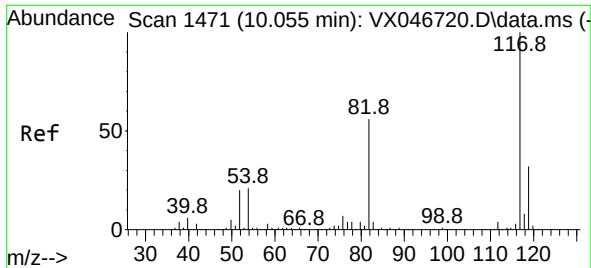
Tgt Ion: 98 Resp: 344741
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 51.267 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046823.D
Acq: 23 Jun 2025 16:16

Tgt Ion: 95 Resp: 132002
Ion Ratio Lower Upper
95 100
174 75.5 0.0 150.4
176 72.7 0.0 145.0

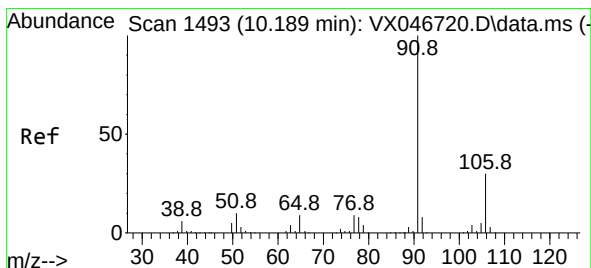
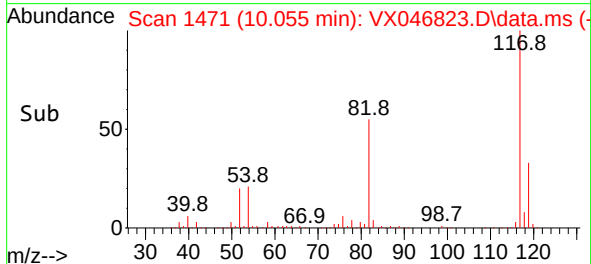
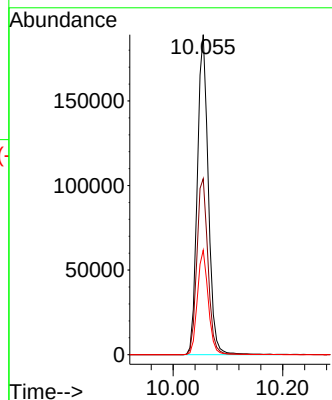
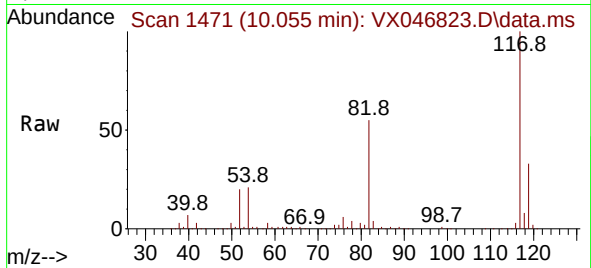




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046823.D
Acq: 23 Jun 2025 16:16

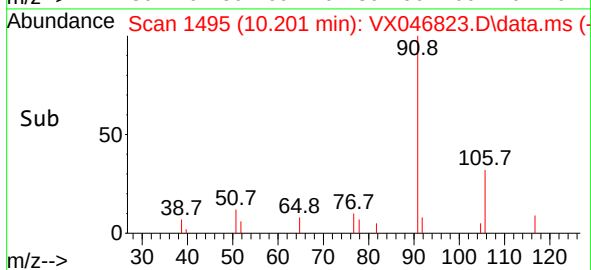
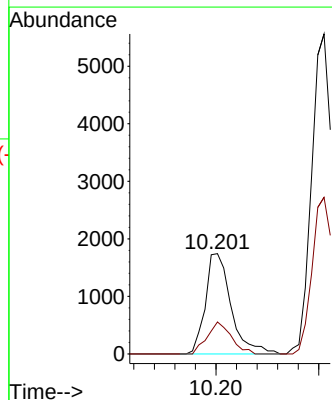
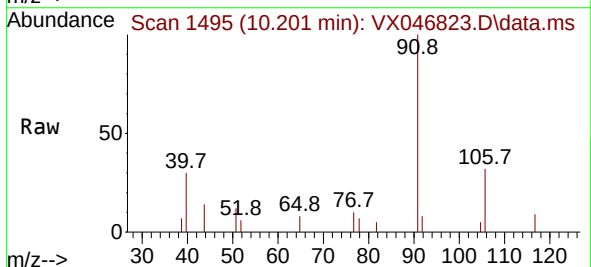
Instrument :
MSVOA_X
ClientSampleId :
GBUFF1

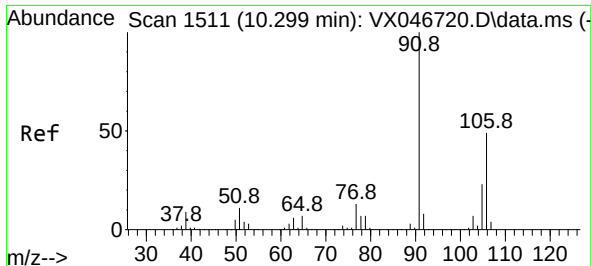
Tgt Ion:117 Resp: 264787
Ion Ratio Lower Upper
117 100
82 55.0 44.6 66.8
119 32.7 25.8 38.8



#67
Ethyl Benzene
Concen: 0.296 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.012 min
Lab File: VX046823.D
Acq: 23 Jun 2025 16:16

Tgt Ion: 91 Resp: 3025
Ion Ratio Lower Upper
91 100
106 31.9 24.2 36.2

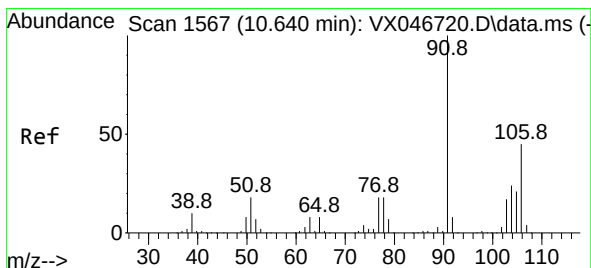
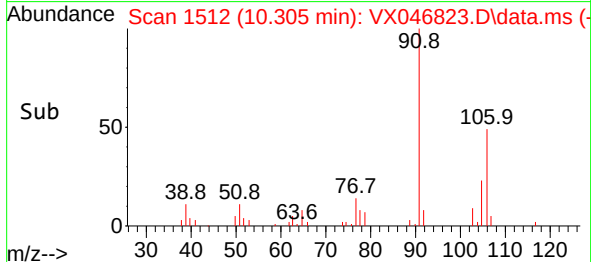
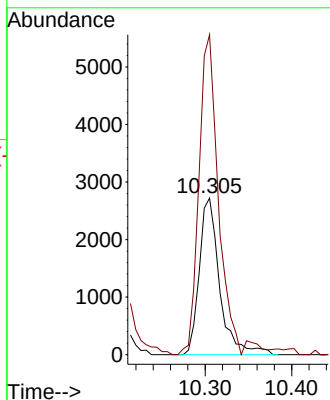
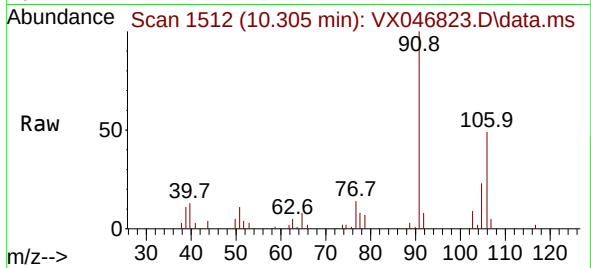




#68
m/p-Xylenes
Concen: 1.168 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX046823.D
Acq: 23 Jun 2025 16:16

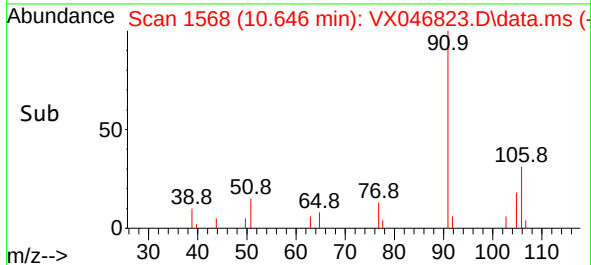
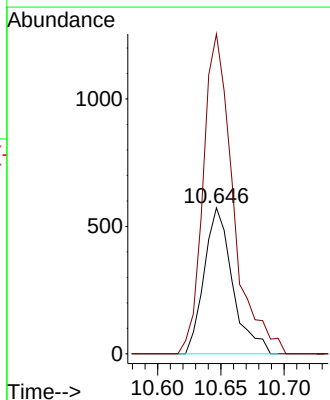
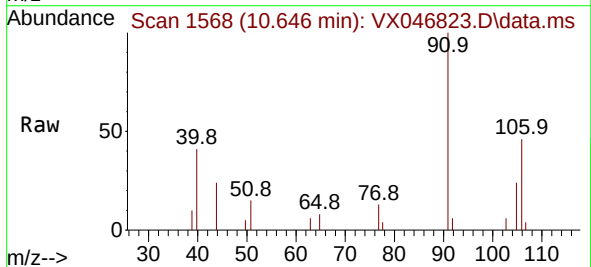
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MSVOA_X
ClientSampleId :
GBUFF1

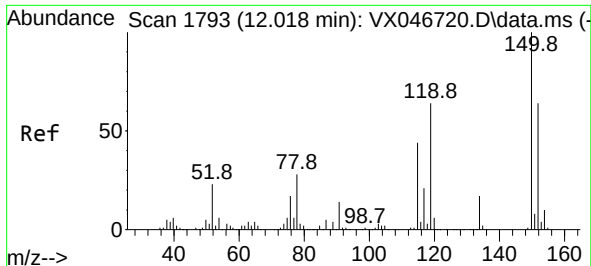
Tgt Ion:106 Resp: 4446
Ion Ratio Lower Upper
106 100
91 193.5 164.8 247.2



#69
o-Xylene
Concen: 0.251 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX046823.D
Acq: 23 Jun 2025 16:16

Tgt Ion:106 Resp: 896
Ion Ratio Lower Upper
106 100
91 231.8 111.3 333.9

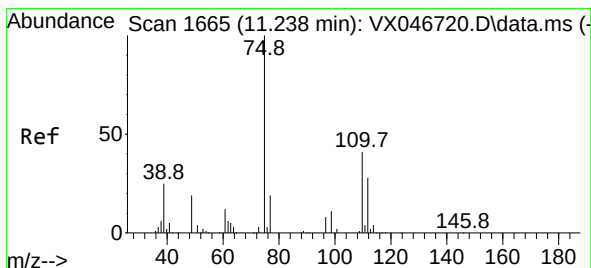
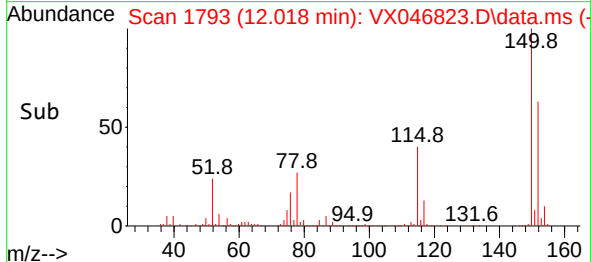
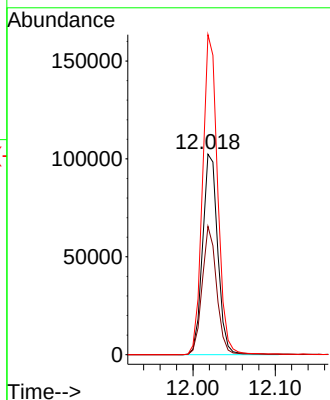
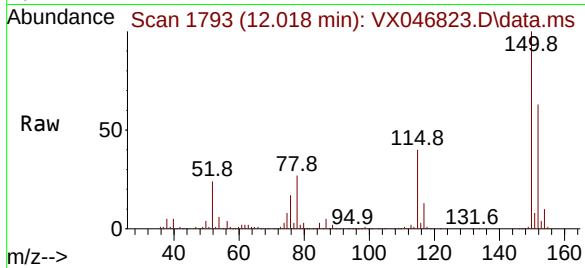




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046823.D
Acq: 23 Jun 2025 16:16

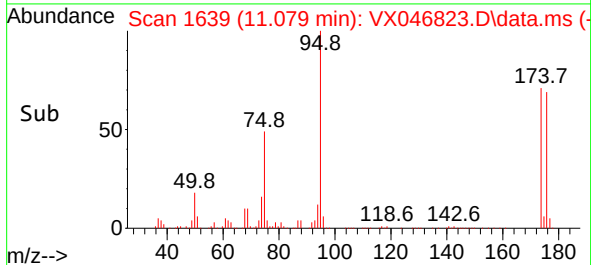
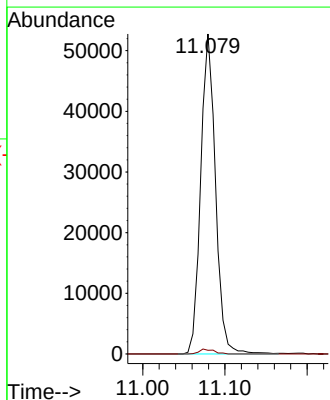
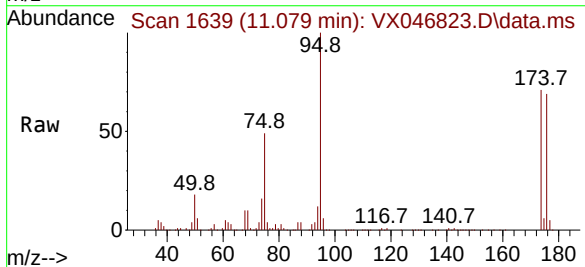
Instrument :
MSVOA_X
ClientSampleId :
GBUFF1

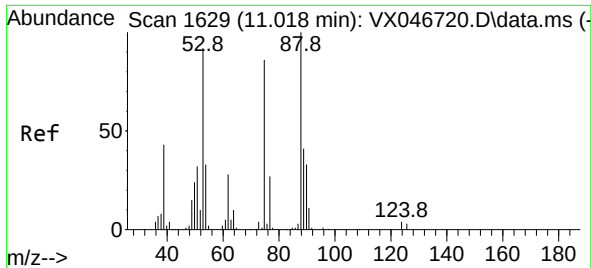
Tgt Ion:152 Resp: 131514
Ion Ratio Lower Upper
152 100
115 61.4 43.2 129.6
150 158.4 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 27.353 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX046823.D
Acq: 23 Jun 2025 16:16

Tgt Ion: 75 Resp: 65886
Ion Ratio Lower Upper
75 100
77 1.5 18.5 55.5#

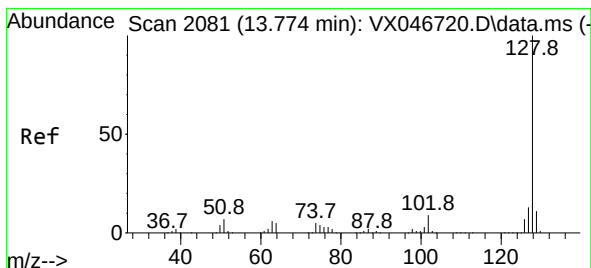
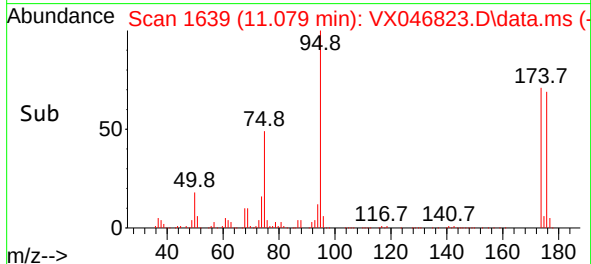
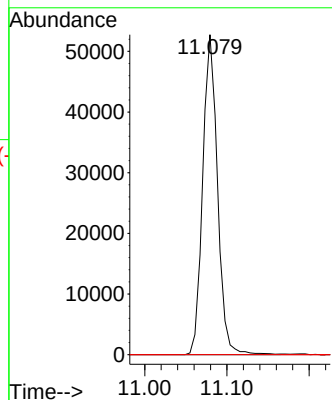
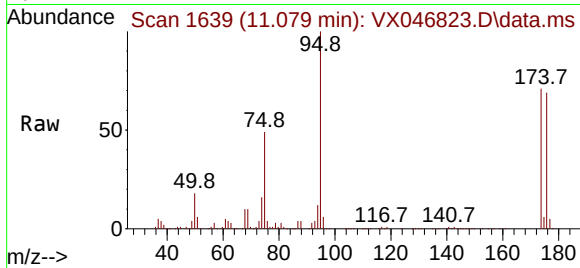




#81
trans-1,4-Dichloro-2-butene
Concen: 77.316 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX046823.D
Acq: 23 Jun 2025 16:16

Instrument :
MSVOA_X
ClientSampleId :
GBUFF1

Tgt Ion: 75 Resp: 65886
Ion Ratio Lower Upper
75 100
53 0.0 86.8 130.2#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 0.307 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX046823.D
Acq: 23 Jun 2025 16:16

Tgt Ion:128 Resp: 2639
Ion Ratio Lower Upper
128 100
127 9.9 10.1 15.1#
129 9.5 8.7 13.1

