

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
 Data File : VX046723.D
 Acq On : 17 Jun 2025 15:23
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jun 18 03:34:59 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	117985	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	190185	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	165765	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	73855	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	73294	44.912	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.820%
35) Dibromofluoromethane	5.397	113	60232	47.867	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.740%
50) Toluene-d8	8.647	98	225712	49.927	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.860%
62) 4-Bromofluorobenzene	11.079	95	79570	47.216	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	94.440%
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	323	0.238	ug/l	93
5) Bromomethane	1.642	94	960	1.177	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.349	101	285	0.211	ug/l #	85
10) Methyl Iodide	2.477	142	2406	5.633	ug/l #	87
13) Acrolein	2.239	56	288	1.350	ug/l #	79
15) Acrylonitrile	3.099	53	993	1.508	ug/l #	95
16) Acetone	2.386	43	646	1.187	ug/l #	86
17) Carbon Disulfide	2.532	76	5142	1.307	ug/l	100
20) Methylene Chloride	2.800	84	484	0.320	ug/l #	79
21) trans-1,2-Dichloroethene	3.111	96	713	0.511	ug/l	87
23) Vinyl Acetate	3.782	43	808	0.224	ug/l #	73
25) 2-Butanone	4.635	43	339	0.440	ug/l #	50
36) 1,1-Dichloropropene	5.714	75	539	0.297	ug/l #	50
38) Carbon Tetrachloride	5.556	117	12397	6.289	ug/l #	17
39) Methylcyclohexane	7.385	83	877	0.367	ug/l #	88
46) Dibromomethane	7.598	93	196	0.205	ug/l	94
51) 4-Methyl-2-Pentanone	8.586	43	580	0.371	ug/l #	68
53) t-1,3-Dichloropropene	9.000	75	568	0.313	ug/l #	70
58) 2-Chloroethyl Vinyl ether	8.275	63	366	0.384	ug/l #	46
59) 2-Hexanone	9.464	43	315	0.291	ug/l	65
64) Tetrachloroethene	9.281	164	485	0.422	ug/l	92
65) Chlorobenzene	10.086	112	1101	0.301	ug/l #	84
67) Ethyl Benzene	10.201	91	1372	0.215	ug/l #	75
68) m/p-Xylenes	10.305	106	1125	0.472	ug/l	84
73) Isopropylbenzene	10.963	105	1499	0.276	ug/l	96
76) 1,2,3-Trichloropropane	11.079	75	40596	30.012	ug/l #	40
77) Bromobenzene	11.201	156	447	0.341	ug/l	78
78) n-propylbenzene	11.305	91	3281	0.508	ug/l	99
79) 2-Chlorotoluene	11.366	91	1420	0.368	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	1658	0.371	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.079	75	40596	84.831	ug/l #	7
82) 4-Chlorotoluene	11.457	91	2845	0.632	ug/l	94
83) tert-Butylbenzene	11.713	119	1541	0.334	ug/l	91
84) 1,2,4-Trimethylbenzene	11.756	105	1776	0.395	ug/l	94
85) sec-Butylbenzene	11.890	105	3510	0.601	ug/l	99
86) p-Isopropyltoluene	12.006	119	3127	0.635	ug/l	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061725\
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Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

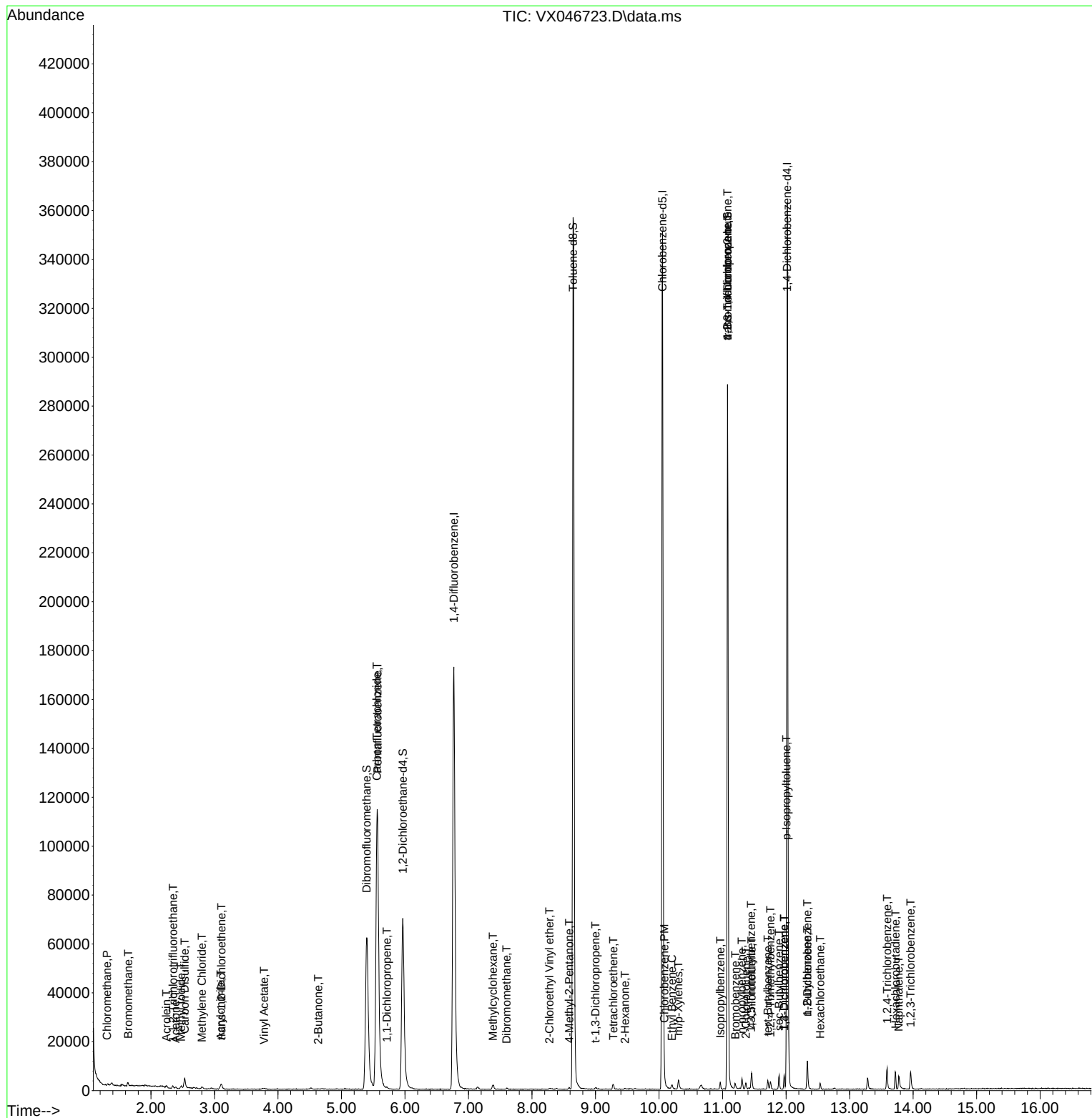
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
87) 1,3-Dichlorobenzene	11.969	146	1992	0.781	ug/l	98
88) 1,4-Dichlorobenzene	11.969	146	1992	0.760	ug/l	98
89) n-Butylbenzene	12.335	91	4686	1.002	ug/l	97
90) Hexachloroethane	12.536	117	316	0.366	ug/l	62
91) 1,2-Dichlorobenzene	12.335	146	1154	0.484	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	2718	1.603	ug/l	92
94) Hexachlorobutadiene	13.725	225	1238	1.736	ug/l	88
95) Naphthalene	13.774	128	4551	0.942	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	2255	1.390	ug/l	95

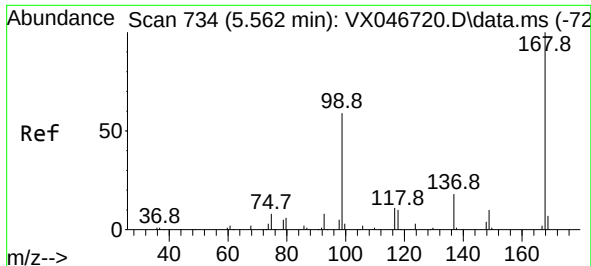
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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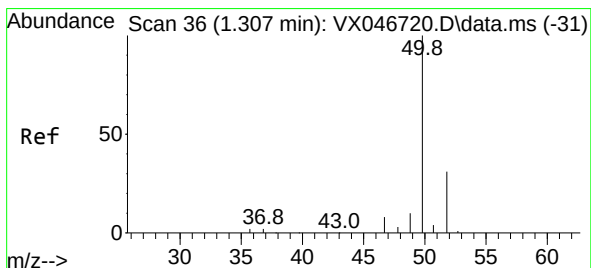
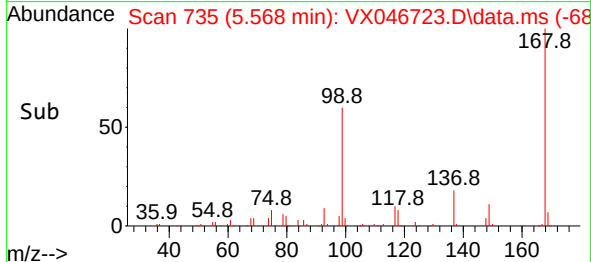
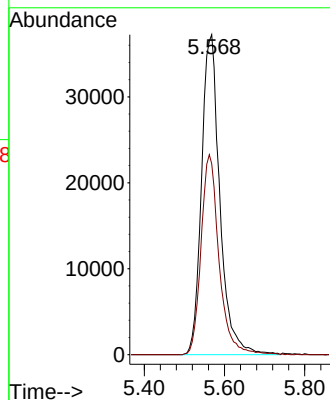
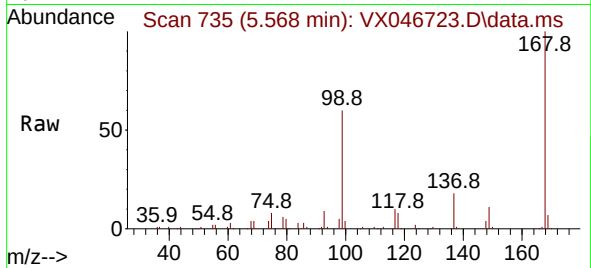




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046723.D
Acq: 17 Jun 2025 15:23

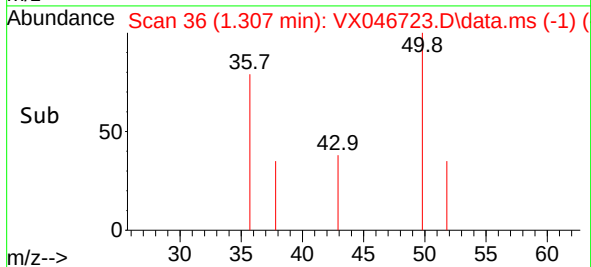
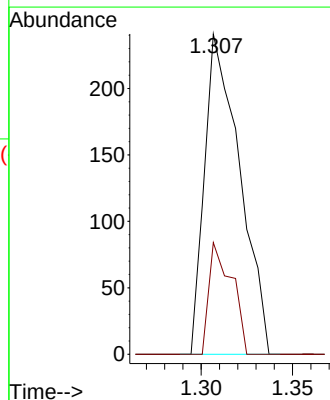
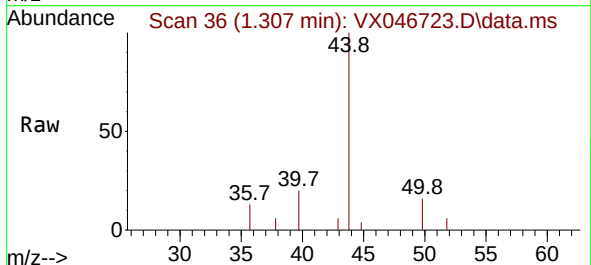
Instrument :
MSVOA_X
ClientSampleId :
IBLK

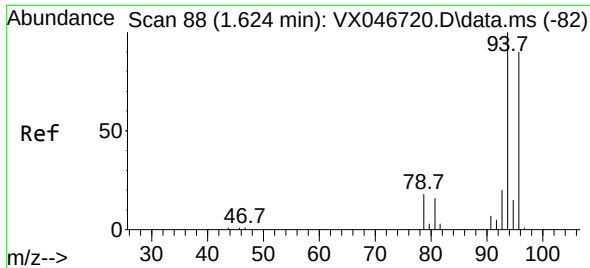
Tgt Ion:168 Resp: 117985
Ion Ratio Lower Upper
168 100
99 59.7 48.5 72.7



#3
Chloromethane
Concen: 0.238 ug/l
RT: 1.307 min Scan# 36
Delta R.T. -0.000 min
Lab File: VX046723.D
Acq: 17 Jun 2025 15:23

Tgt Ion: 50 Resp: 323
Ion Ratio Lower Upper
50 100
52 34.9 24.9 37.3

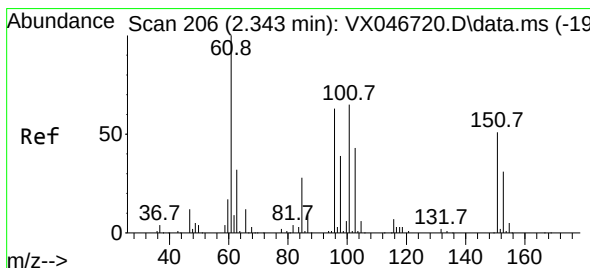
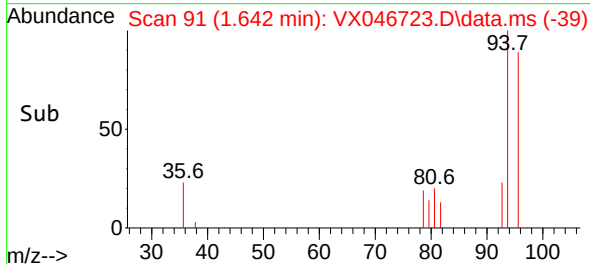
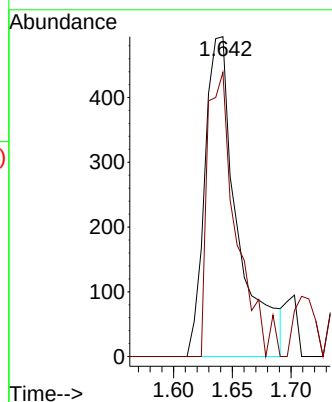
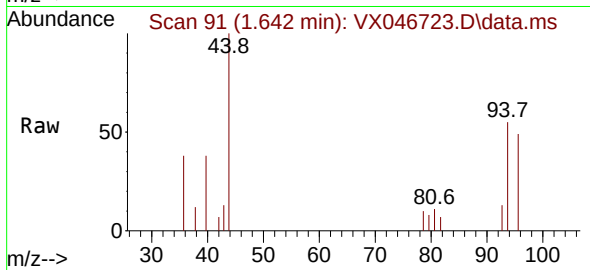




#5
Bromomethane
Concen: 1.177 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.018 min
Lab File: VX046723.D
Acq: 17 Jun 2025 15:23

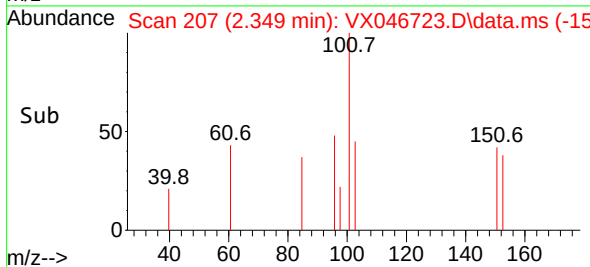
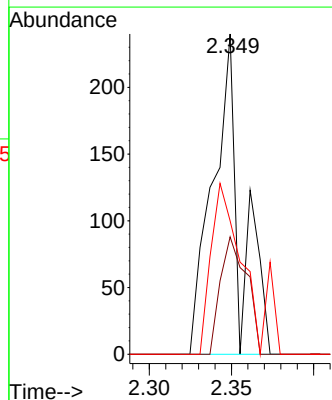
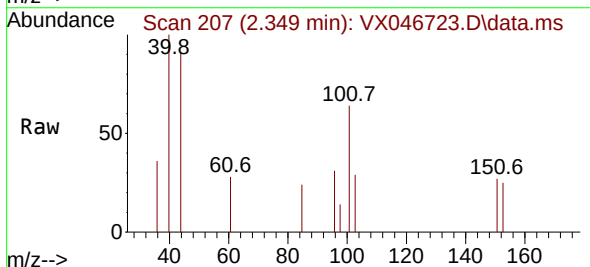
Instrument :
MSVOA_X
ClientSampleId :
IBLK

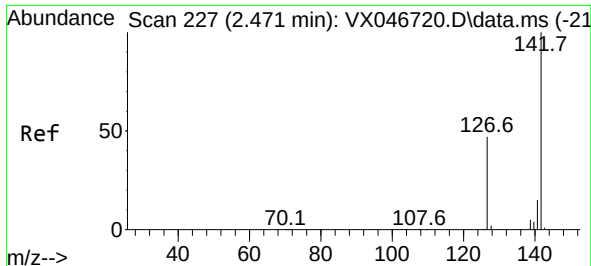
Tgt Ion: 94 Resp: 960
Ion Ratio Lower Upper
94 100
96 88.9 72.3 108.5



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.211 ug/l
RT: 2.349 min Scan# 207
Delta R.T. 0.006 min
Lab File: VX046723.D
Acq: 17 Jun 2025 15:23

Tgt Ion: 101 Resp: 285
Ion Ratio Lower Upper
101 100
85 34.0 35.4 53.0#
151 64.2 61.2 91.8

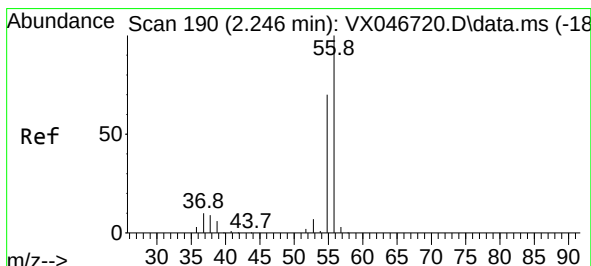
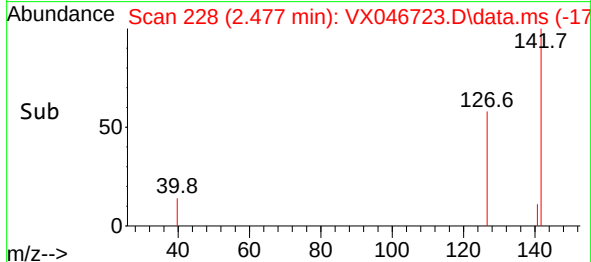
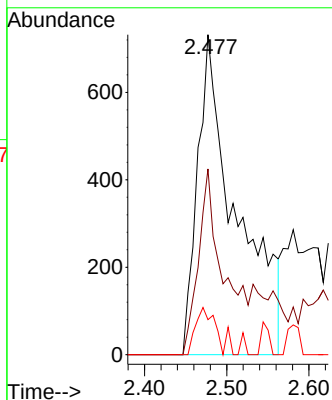
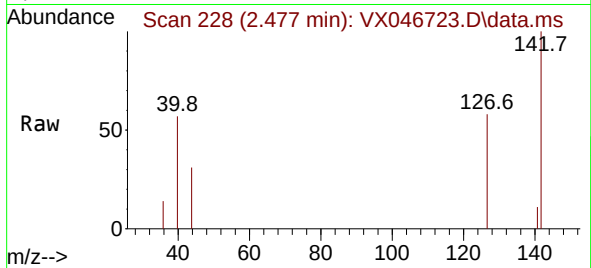




#10
Methyl Iodide
Concen: 5.633 ug/l
RT: 2.477 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046723.D
Acq: 17 Jun 2025 15:23

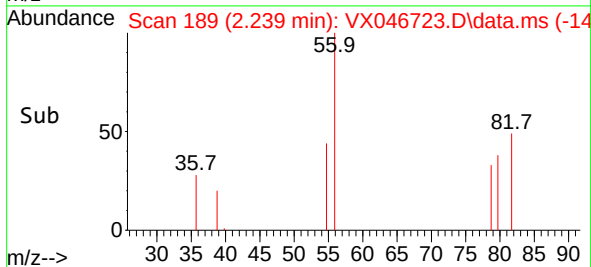
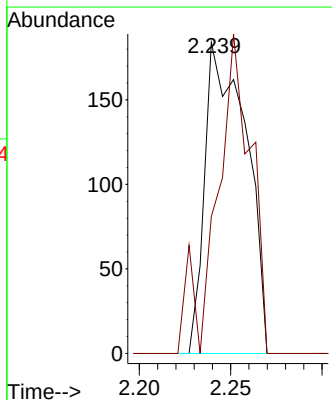
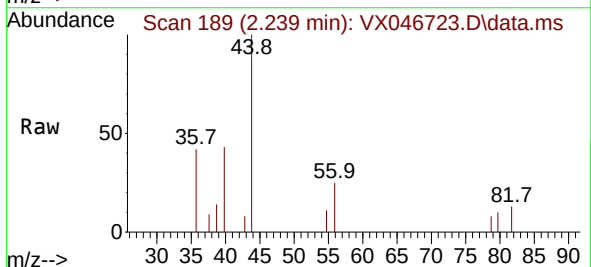
Instrument :
MSVOA_X
ClientSampleId :
IBLK

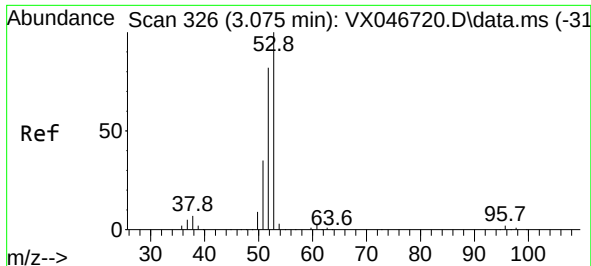
Tgt Ion:142 Resp: 2406
Ion Ratio Lower Upper
142 100
127 38.3 37.0 55.6
141 7.0 11.5 17.3#



#13
Acrolein
Concen: 1.350 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX046723.D
Acq: 17 Jun 2025 15:23

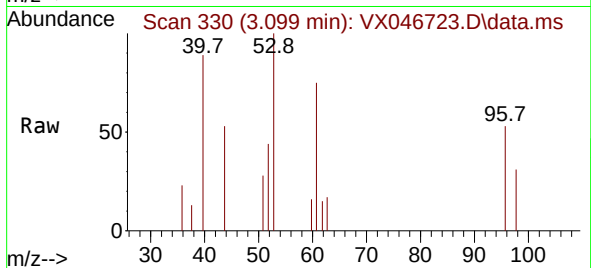
Tgt Ion: 56 Resp: 288
Ion Ratio Lower Upper
56 100
55 86.5 55.2 82.8#



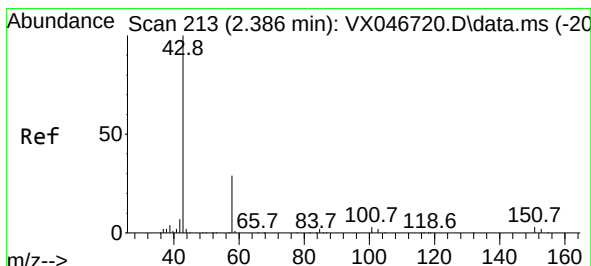
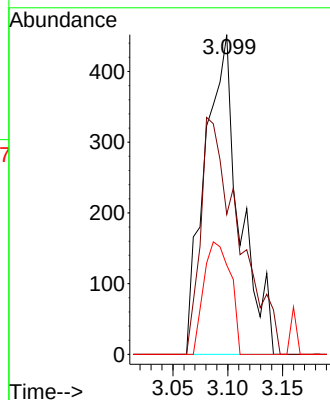
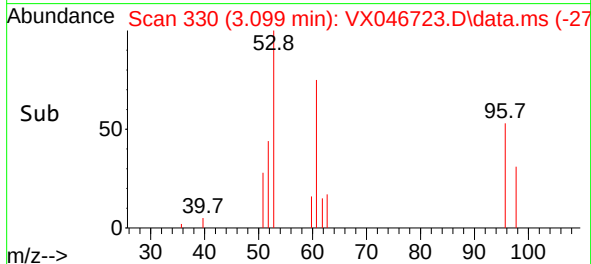


#15
Acrylonitrile
Concen: 1.508 ug/l
RT: 3.099 min Scan# 31
Delta R.T. 0.024 min
Lab File: VX046723.D
Acq: 17 Jun 2025 15:23

Instrument :
MSVOA_X
ClientSampleId :
IBLK

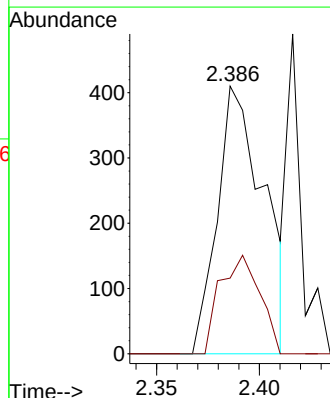
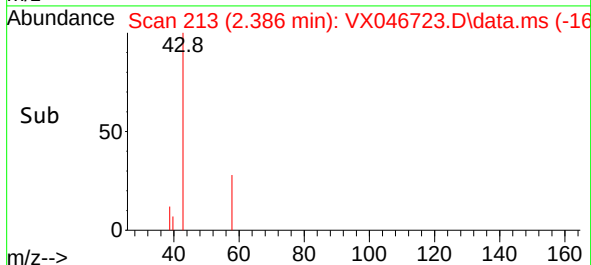
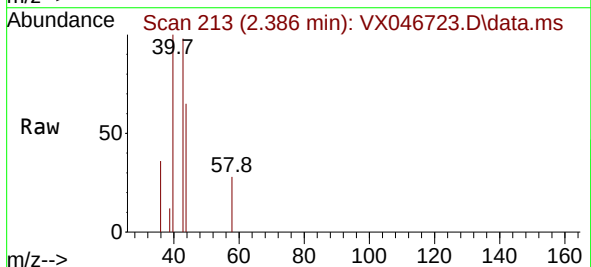


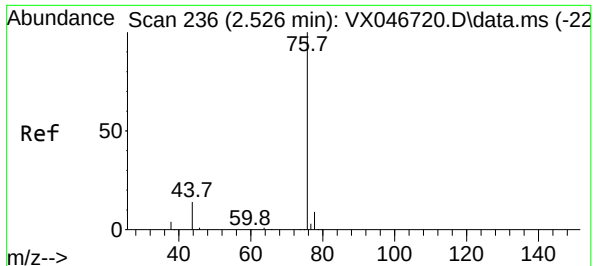
Tgt Ion: 53 Resp: 993
Ion Ratio Lower Upper
53 100
52 81.5 65.1 97.7
51 27.1 28.9 43.3#



#16
Acetone
Concen: 1.187 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046723.D
Acq: 17 Jun 2025 15:23

Tgt Ion: 43 Resp: 646
Ion Ratio Lower Upper
43 100
58 22.8 24.5 36.7#





#17

Carbon Disulfide

Concen: 1.307 ug/l

RT: 2.532 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX046723.D

Acq: 17 Jun 2025 15:23

Instrument :

MSVOA_X

ClientSampleId :

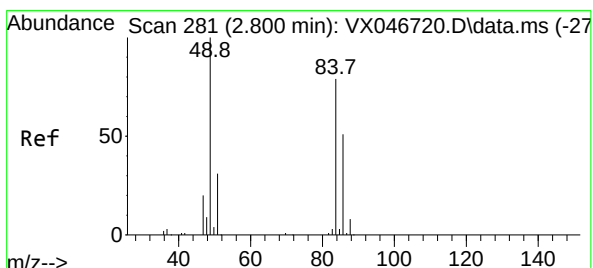
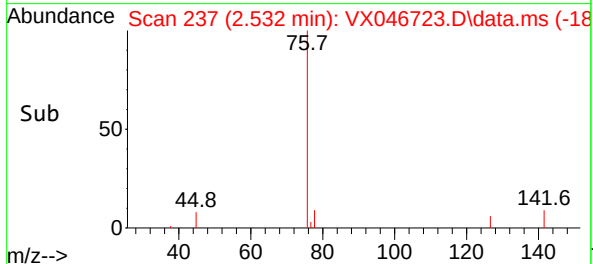
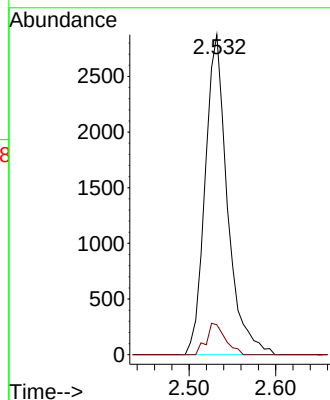
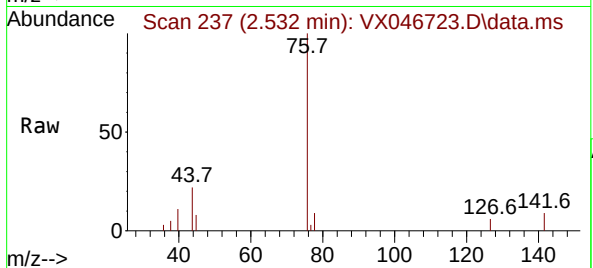
IBLK

Tgt Ion: 76 Resp: 5142

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3



#20

Methylene Chloride

Concen: 0.320 ug/l

RT: 2.800 min Scan# 281

Delta R.T. -0.000 min

Lab File: VX046723.D

Acq: 17 Jun 2025 15:23

Tgt Ion: 84 Resp: 484

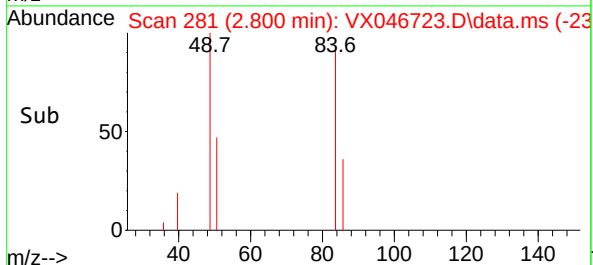
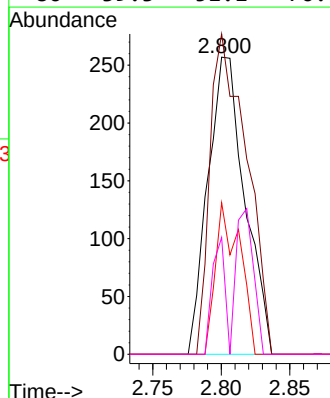
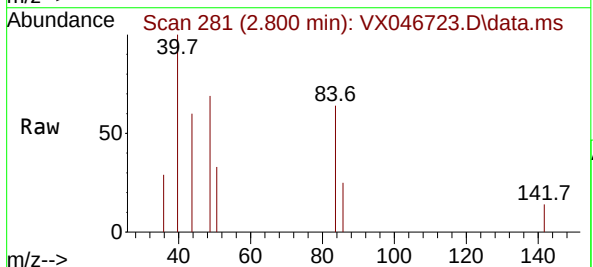
Ion Ratio Lower Upper

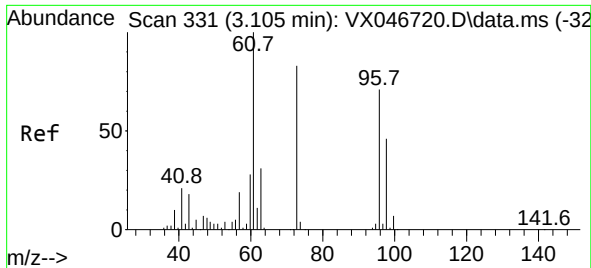
84 100

49 107.8 101.3 151.9

51 51.0 31.0 46.6#

86 39.3 51.1 76.7#

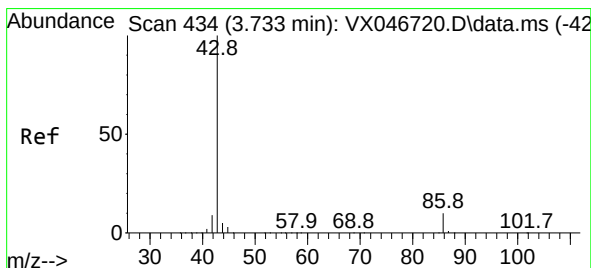
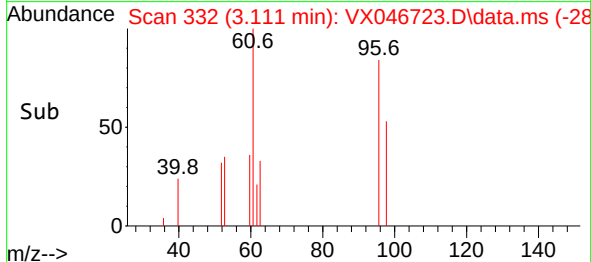
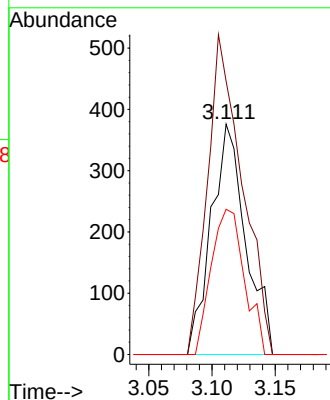
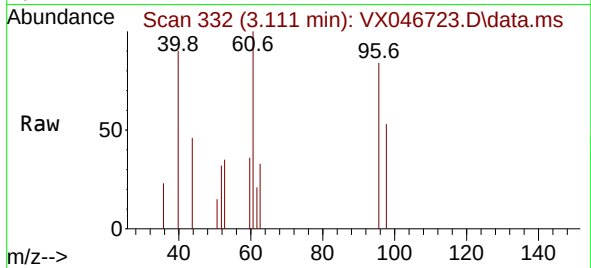




#21
trans-1,2-Dichloroethene
Concen: 0.511 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX046723.D
Acq: 17 Jun 2025 15:23

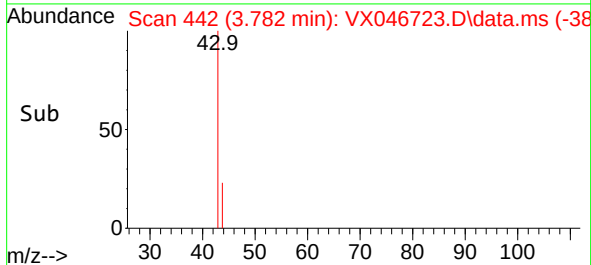
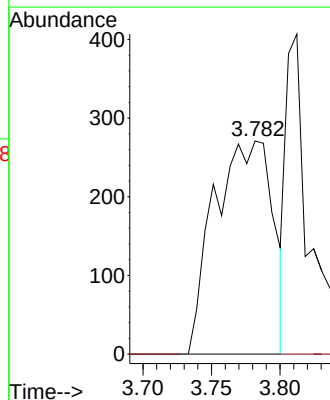
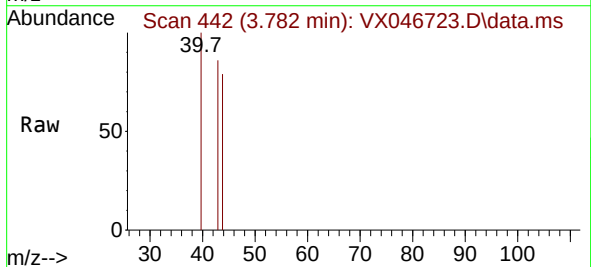
Instrument :
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ClientSampleId :
IBLK

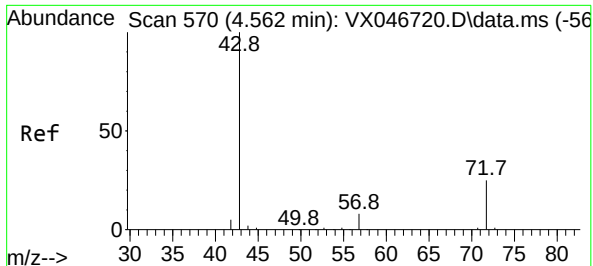
Tgt Ion: 96 Resp: 713
Ion Ratio Lower Upper
96 100
61 118.6 112.5 168.7
98 63.0 51.9 77.9



#23
Vinyl Acetate
Concen: 0.224 ug/l
RT: 3.782 min Scan# 442
Delta R.T. 0.049 min
Lab File: VX046723.D
Acq: 17 Jun 2025 15:23

Tgt Ion: 43 Resp: 808
Ion Ratio Lower Upper
43 100
86 0.0 8.2 12.2#





#25

2-Butanone

Concen: 0.440 ug/l

RT: 4.635 min Scan# 51

Delta R.T. 0.073 min

Lab File: VX046723.D

Acq: 17 Jun 2025 15:23

Instrument :

MSVOA_X

ClientSampleId :

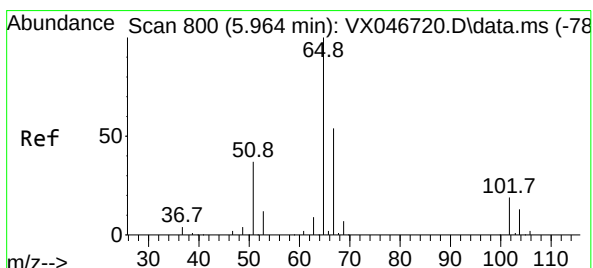
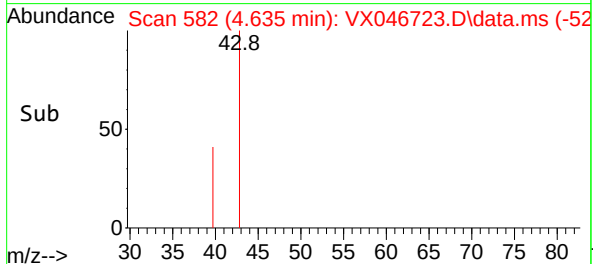
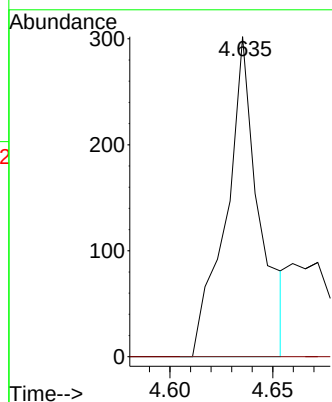
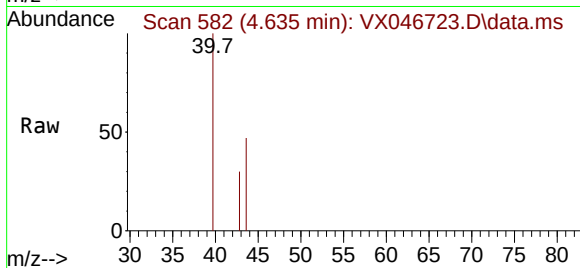
IBLK

Tgt Ion: 43 Resp: 339

Ion Ratio Lower Upper

43 100

72 0.0 20.2 30.4#



#33

1,2-Dichloroethane-d4

Concen: 44.912 ug/l

RT: 5.964 min Scan# 800

Delta R.T. -0.000 min

Lab File: VX046723.D

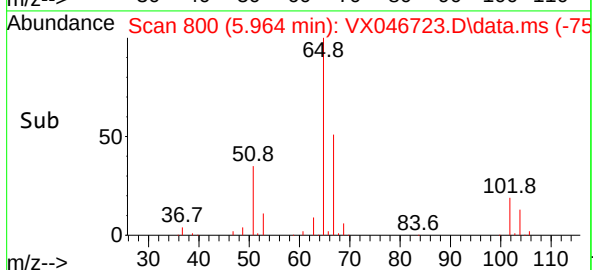
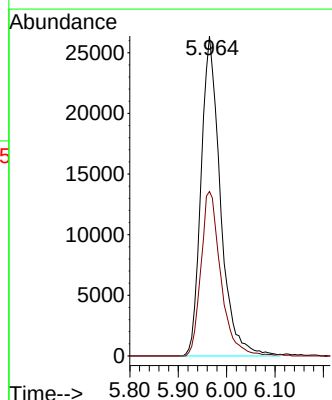
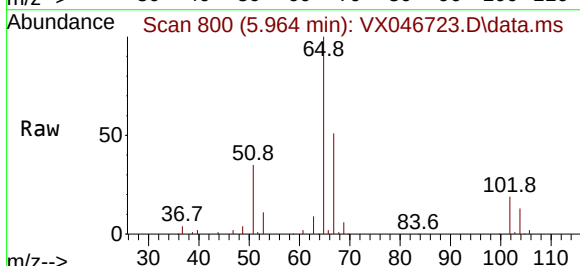
Acq: 17 Jun 2025 15:23

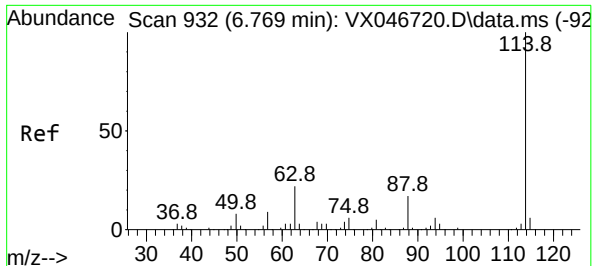
Tgt Ion: 65 Resp: 73294

Ion Ratio Lower Upper

65 100

67 52.7 0.0 105.4

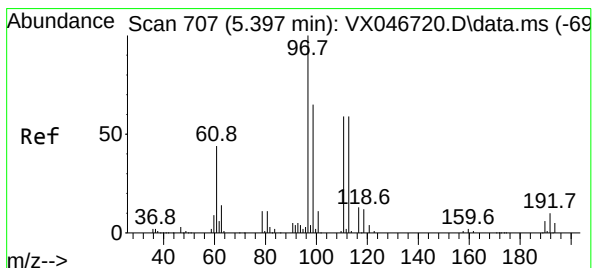
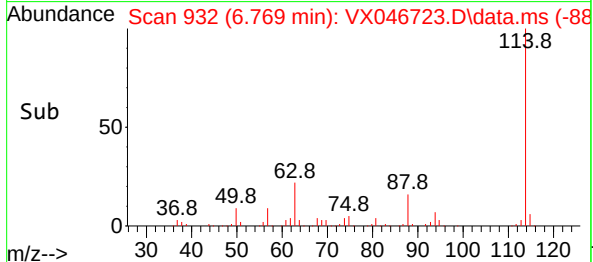
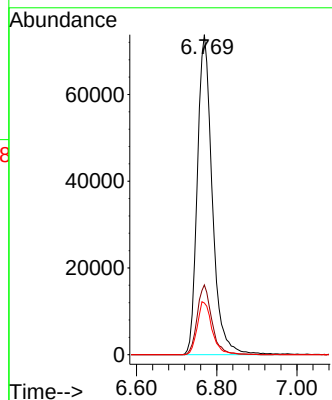
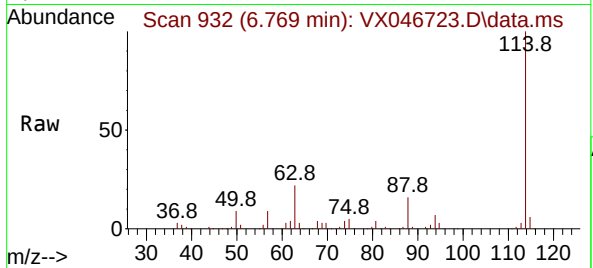




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX046723.D
 Acq: 17 Jun 2025 15:23

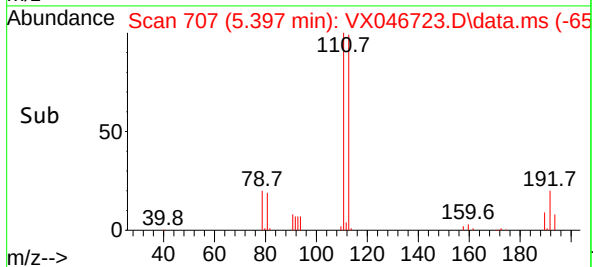
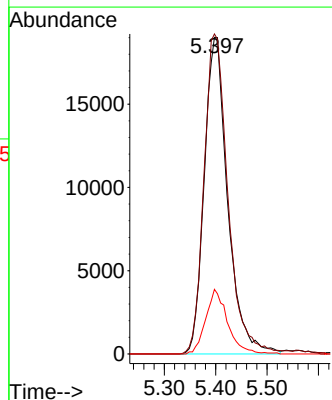
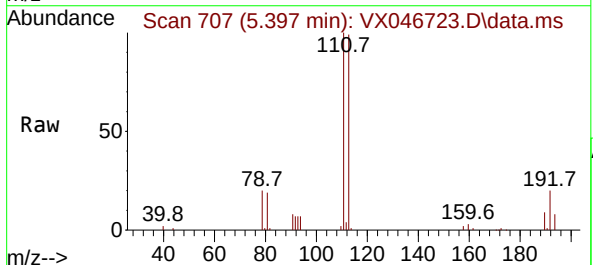
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

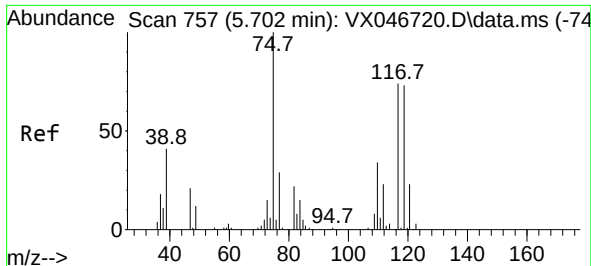
Tgt Ion:114 Resp: 190185
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 44.2
 88 16.1 0.0 33.2



#35
 Dibromofluoromethane
 Concen: 47.867 ug/l
 RT: 5.397 min Scan# 707
 Delta R.T. -0.000 min
 Lab File: VX046723.D
 Acq: 17 Jun 2025 15:23

Tgt Ion:113 Resp: 60232
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.0 123.0
 192 19.1 15.3 22.9

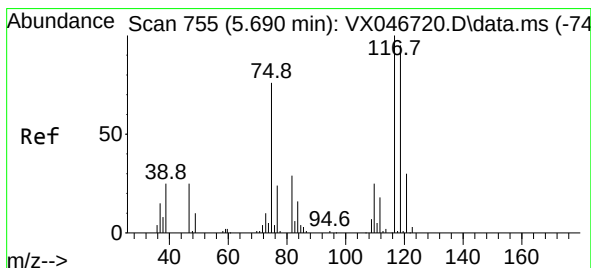
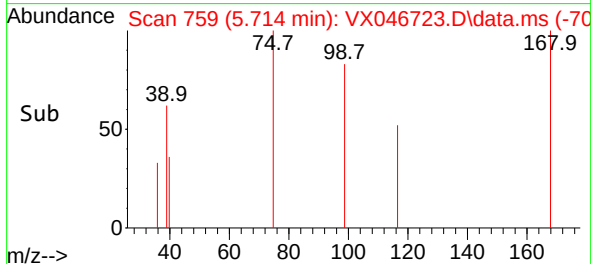
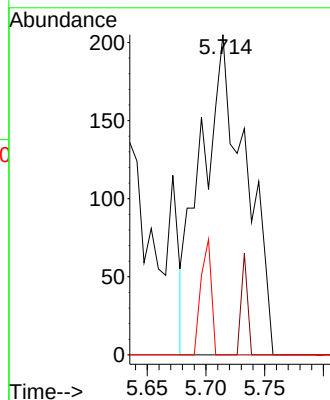
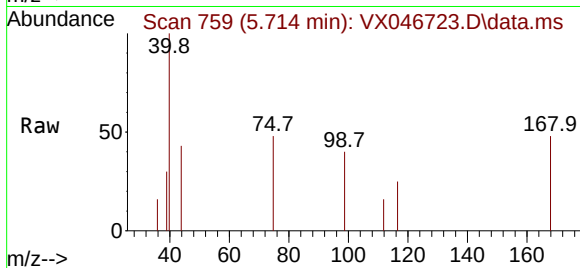




#36
1,1-Dichloropropene
Concen: 0.297 ug/l
RT: 5.714 min Scan# 714
Delta R.T. 0.012 min
Lab File: VX046723.D
Acq: 17 Jun 2025 15:23

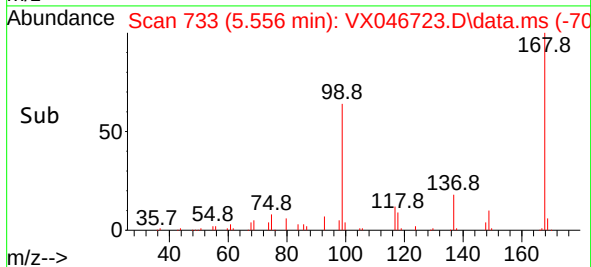
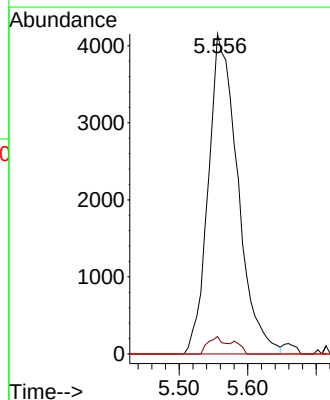
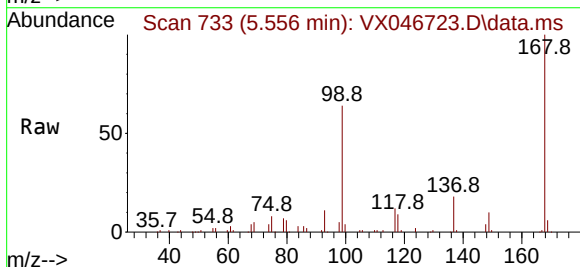
Instrument :
MSVOA_X
ClientSampleId :
IBLK

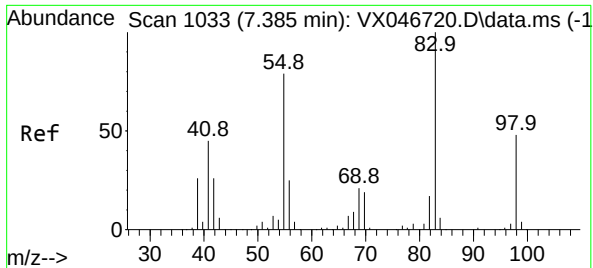
Tgt Ion: 75 Resp: 539
Ion Ratio Lower Upper
75 100
110 0.0 17.2 51.5#
77 8.5 24.2 36.4#



#38
Carbon Tetrachloride
Concen: 6.289 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX046723.D
Acq: 17 Jun 2025 15:23

Tgt Ion: 117 Resp: 12397
Ion Ratio Lower Upper
117 100
119 5.4 75.2 112.8#
121 0.0 24.1 36.1#





#39

Methylcyclohexane

Concen: 0.367 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX046723.D

Acq: 17 Jun 2025 15:23

Instrument :

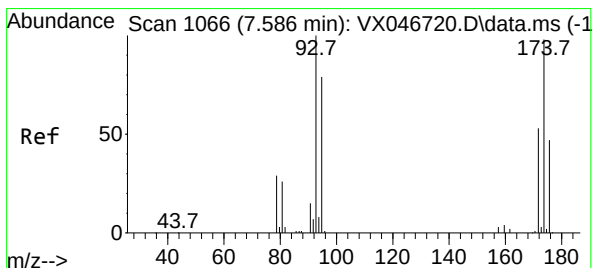
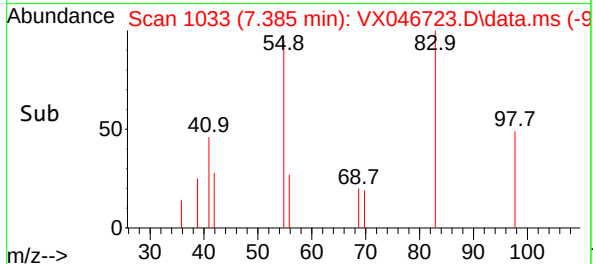
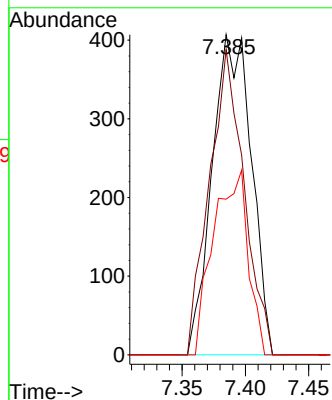
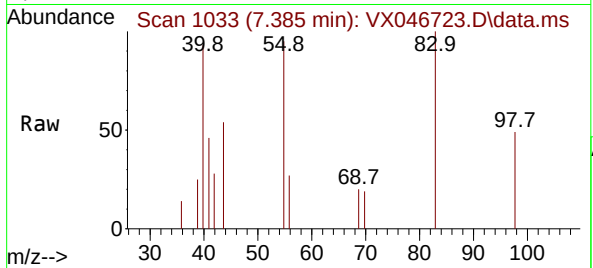
MSVOA_X

ClientSampleId :

IBLK

Tgt Ion: 83 Resp: 877

Ion	Ratio	Lower	Upper
83	100		
55	95.3	63.0	94.4#
98	48.6	38.8	58.2



#46

Dibromomethane

Concen: 0.205 ug/l

RT: 7.598 min Scan# 1068

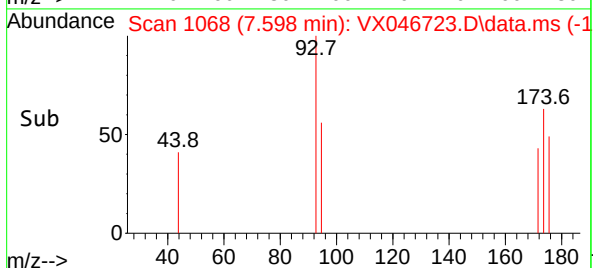
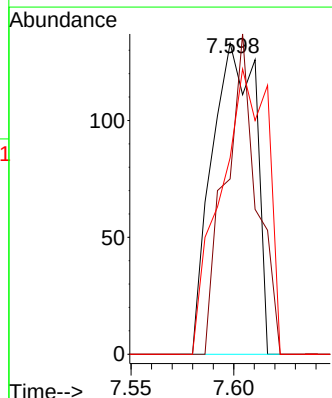
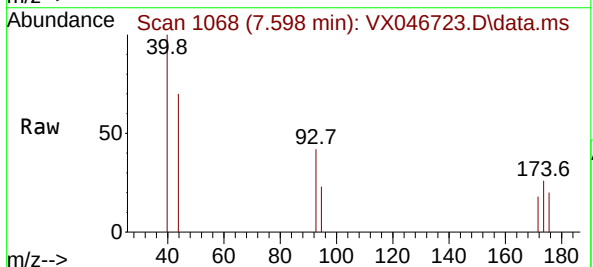
Delta R.T. 0.012 min

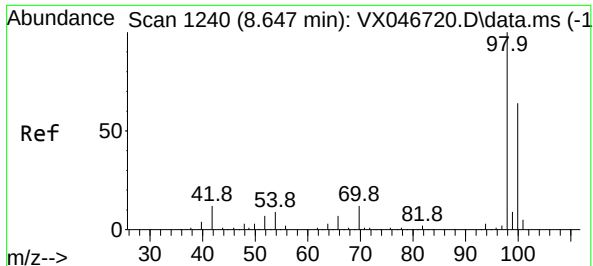
Lab File: VX046723.D

Acq: 17 Jun 2025 15:23

Tgt Ion: 93 Resp: 196

Ion	Ratio	Lower	Upper
93	100		
95	74.0	66.2	99.4
174	99.5	77.0	115.6





#50

Toluene-d8

Concen: 49.927 ug/l

RT: 8.647 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX046723.D

Acq: 17 Jun 2025 15:23

Instrument :

MSVOA_X

ClientSampleId :

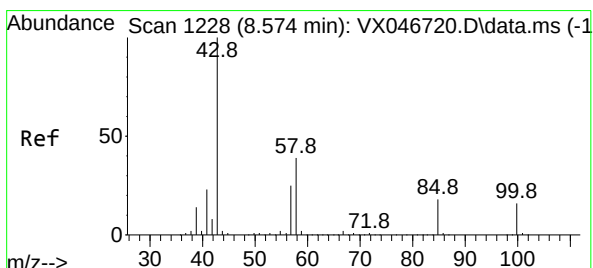
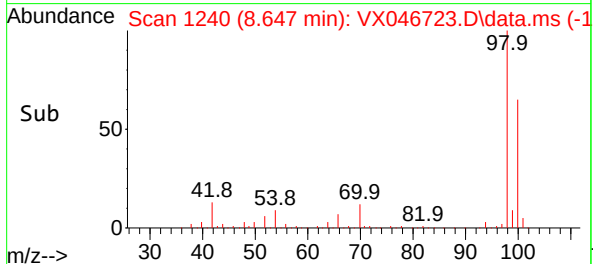
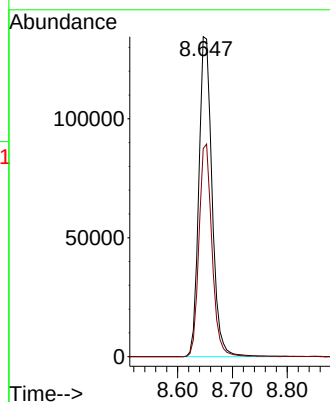
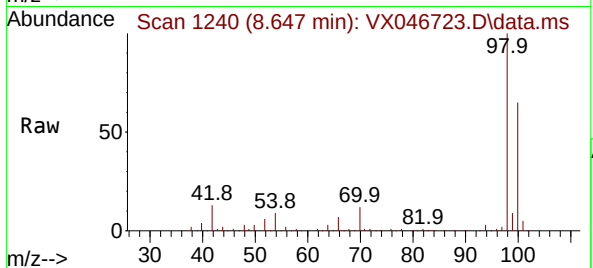
IBLK

Tgt Ion: 98 Resp: 225712

Ion Ratio Lower Upper

98 100

100 65.4 53.0 79.4



#51

4-Methyl-2-Pentanone

Concen: 0.371 ug/l

RT: 8.586 min Scan# 1230

Delta R.T. 0.012 min

Lab File: VX046723.D

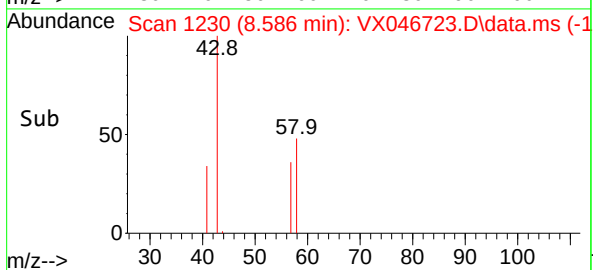
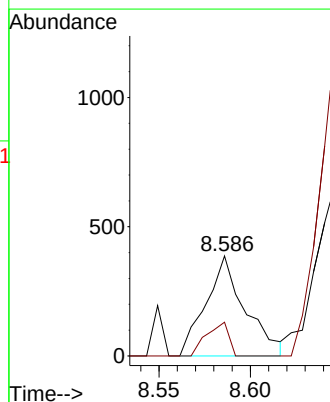
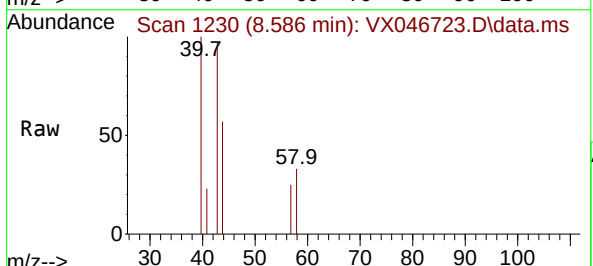
Acq: 17 Jun 2025 15:23

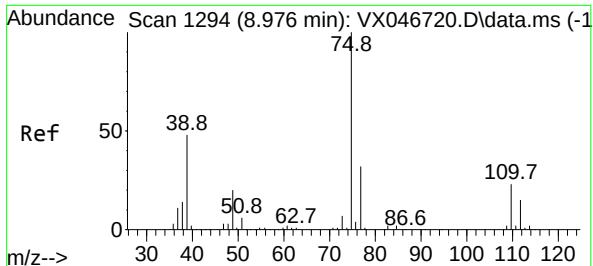
Tgt Ion: 43 Resp: 580

Ion Ratio Lower Upper

43 100

58 19.0 30.8 46.2#





#53

t-1,3-Dichloropropene

Concen: 0.313 ug/l

RT: 9.000 min Scan# 1179

Delta R.T. 0.024 min

Lab File: VX046723.D

Acq: 17 Jun 2025 15:23

Instrument :

MSVOA_X

ClientSampleId :

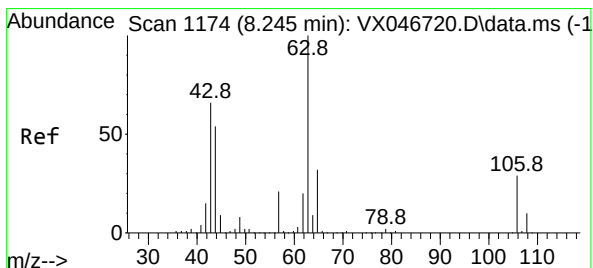
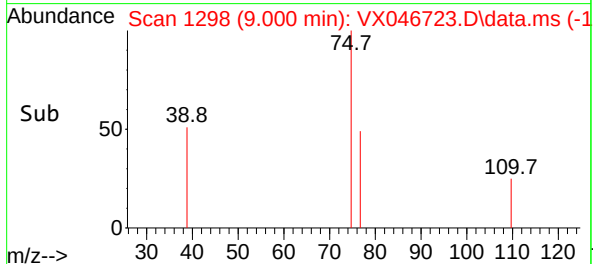
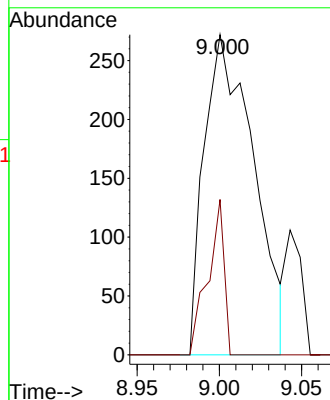
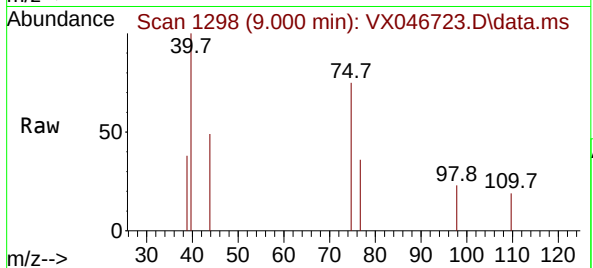
IBLK

Tgt Ion: 75 Resp: 568

Ion Ratio Lower Upper

75 100

77 48.5 25.6 38.4#



#58

2-Chloroethyl Vinyl ether

Concen: 0.384 ug/l

RT: 8.275 min Scan# 1179

Delta R.T. 0.030 min

Lab File: VX046723.D

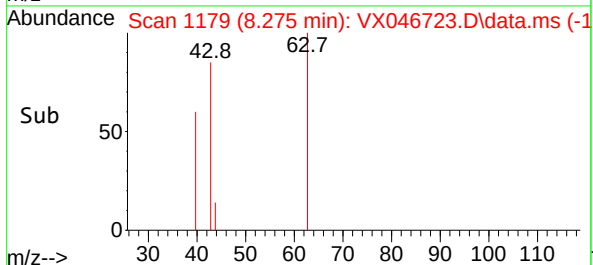
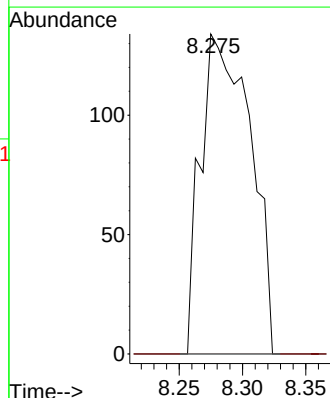
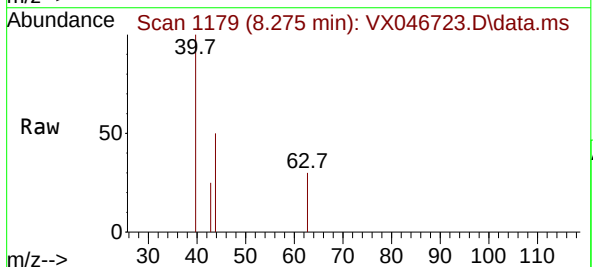
Acq: 17 Jun 2025 15:23

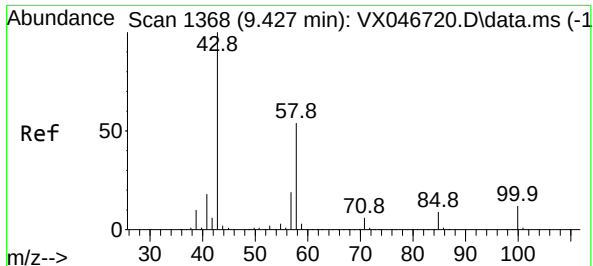
Tgt Ion: 63 Resp: 366

Ion Ratio Lower Upper

63 100

106 0.0 22.6 34.0#

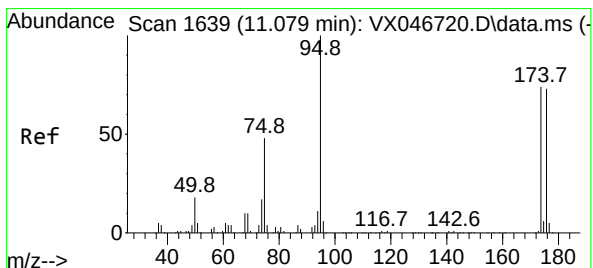
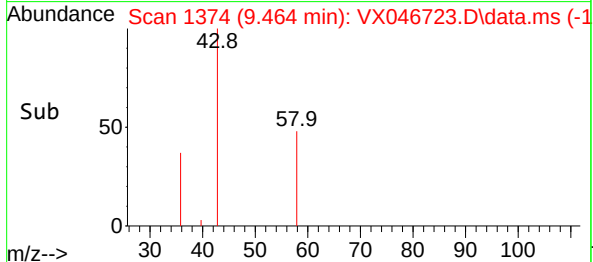
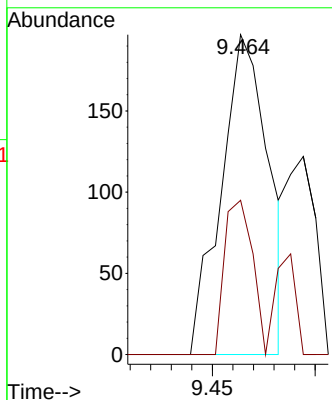
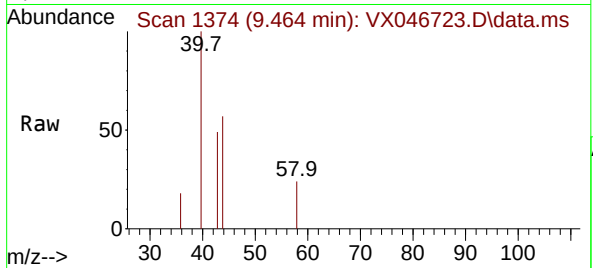




#59
2-Hexanone
Concen: 0.291 ug/l
RT: 9.464 min Scan# 11
Delta R.T. 0.036 min
Lab File: VX046723.D
Acq: 17 Jun 2025 15:23

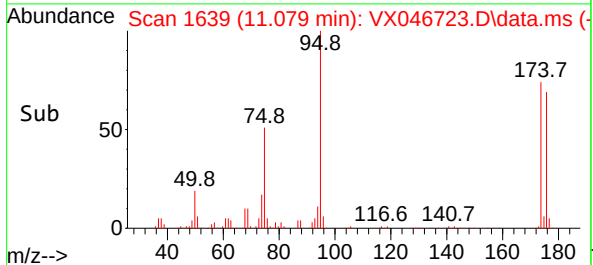
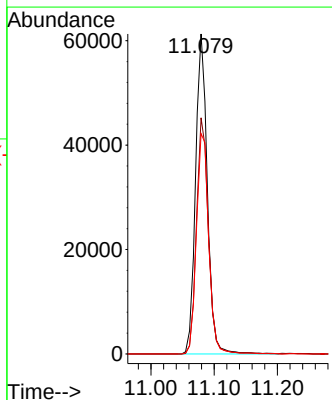
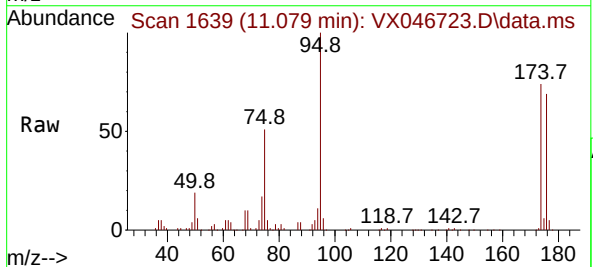
Instrument :
MSVOA_X
ClientSampleId :
IBLK

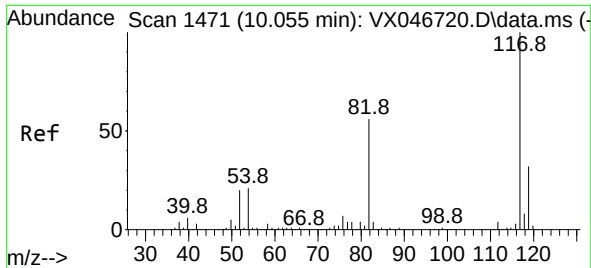
Tgt Ion: 43 Resp: 315
Ion Ratio Lower Upper
43 100
58 28.6 26.8 80.4



#62
4-Bromofluorobenzene
Concen: 47.216 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046723.D
Acq: 17 Jun 2025 15:23

Tgt Ion: 95 Resp: 79570
Ion Ratio Lower Upper
95 100
174 74.7 0.0 150.4
176 72.1 0.0 145.0

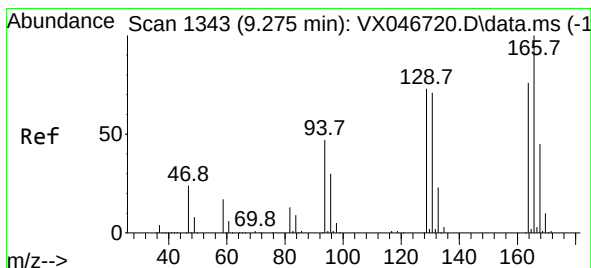
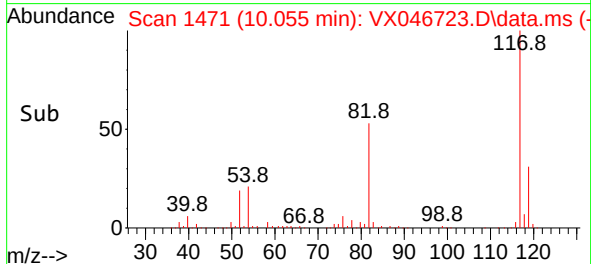
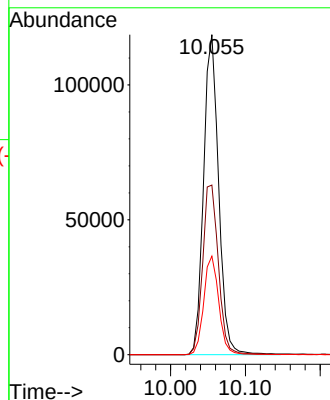
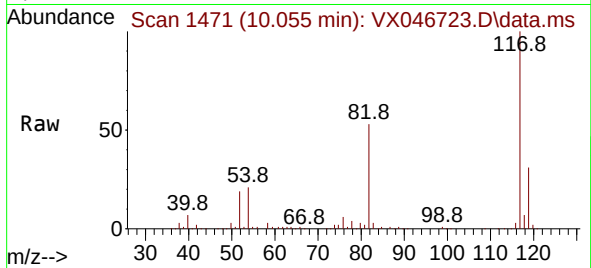




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046723.D
Acq: 17 Jun 2025 15:23

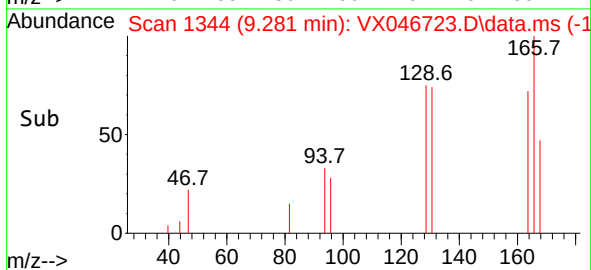
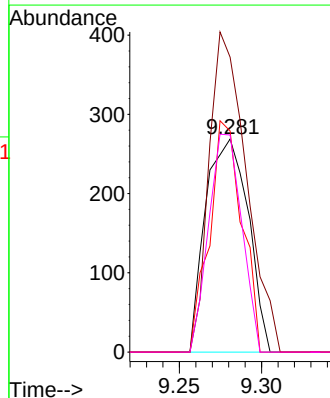
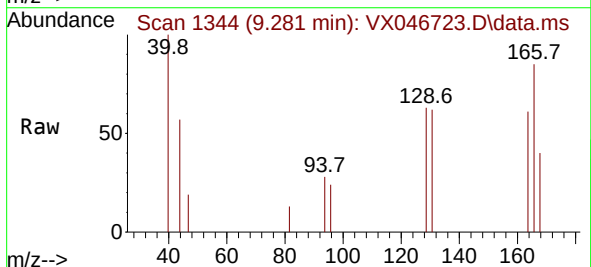
Instrument :
MSVOA_X
ClientSampleId :
IBLK

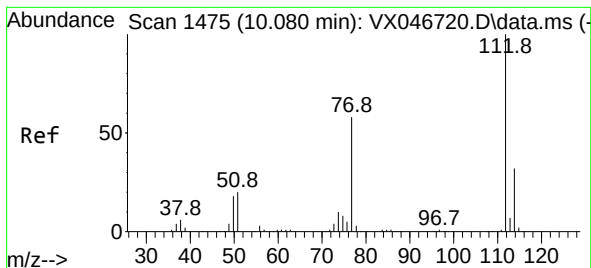
Tgt Ion:117 Resp: 165765
Ion Ratio Lower Upper
117 100
82 53.0 44.6 66.8
119 30.8 25.8 38.8



#64
Tetrachloroethene
Concen: 0.422 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX046723.D
Acq: 17 Jun 2025 15:23

Tgt Ion:164 Resp: 485
Ion Ratio Lower Upper
164 100
166 138.3 104.6 157.0
129 103.7 76.3 114.5
131 101.9 74.1 111.1

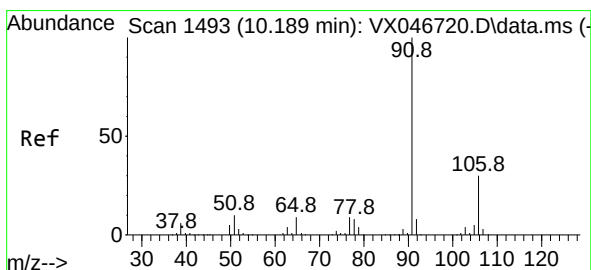
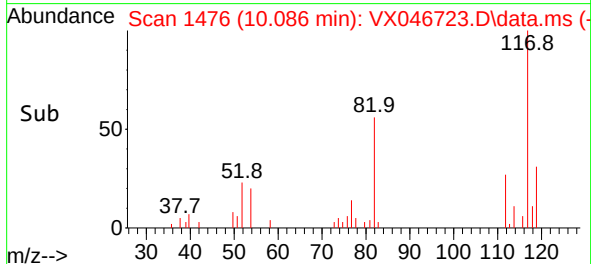
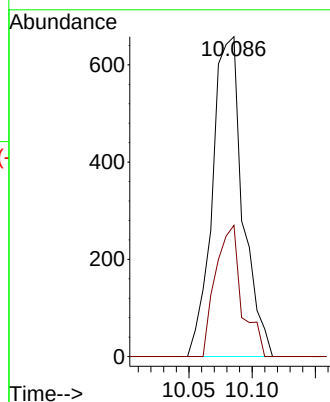
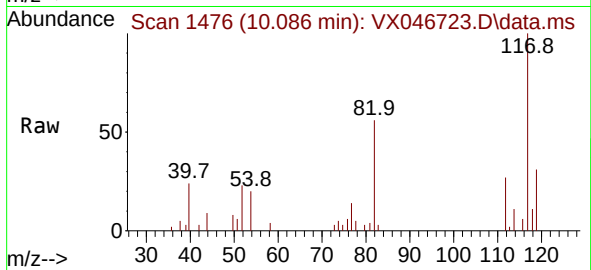




#65
Chlorobenzene
Concen: 0.301 ug/l
RT: 10.086 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VX046723.D
Acq: 17 Jun 2025 15:23

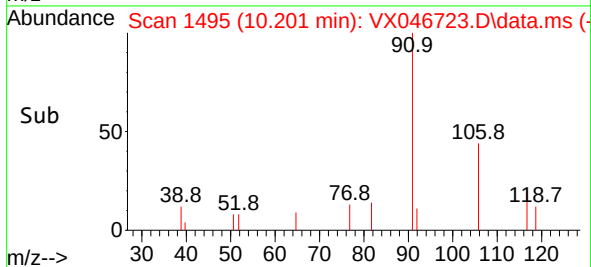
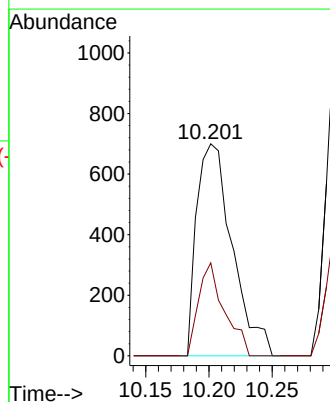
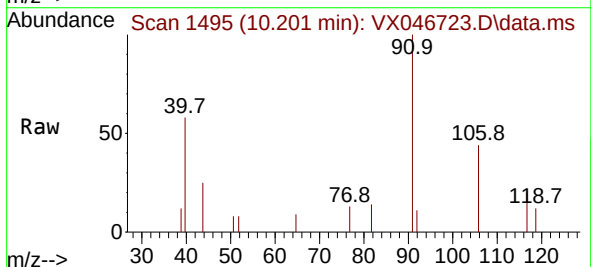
Instrument :
MSVOA_X
ClientSampleId :
IBLK

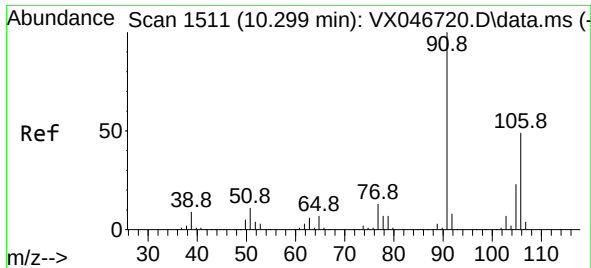
Tgt Ion:112 Resp: 1101
Ion Ratio Lower Upper
112 100
114 41.0 25.5 38.3#



#67
Ethyl Benzene
Concen: 0.215 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.012 min
Lab File: VX046723.D
Acq: 17 Jun 2025 15:23

Tgt Ion: 91 Resp: 1372
Ion Ratio Lower Upper
91 100
106 43.9 24.2 36.2#

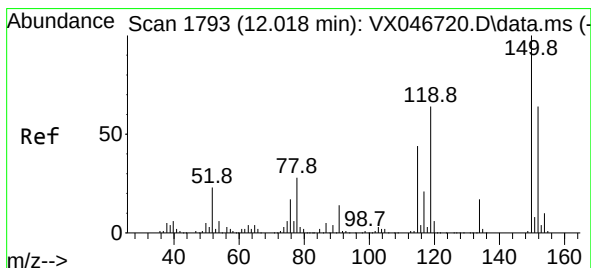
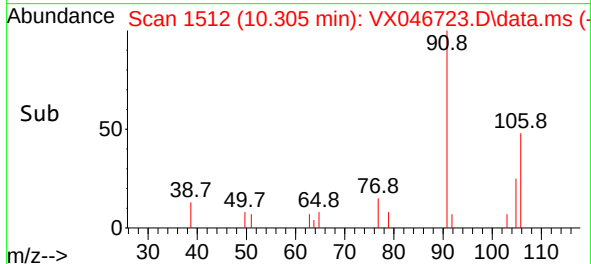
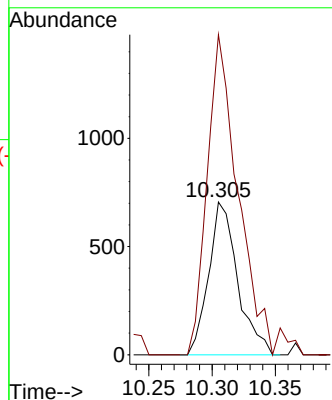
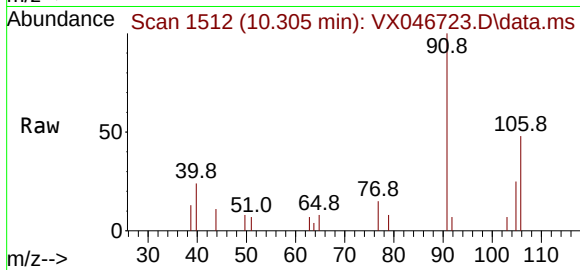




#68
m/p-Xylenes
Concen: 0.472 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046723.D
Acq: 17 Jun 2025 15:23

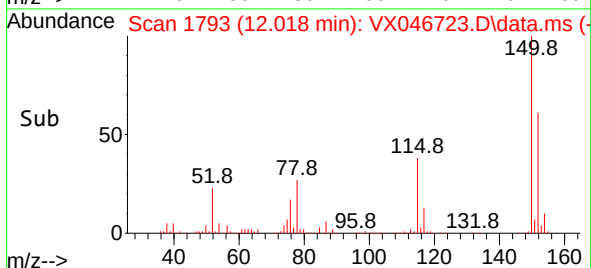
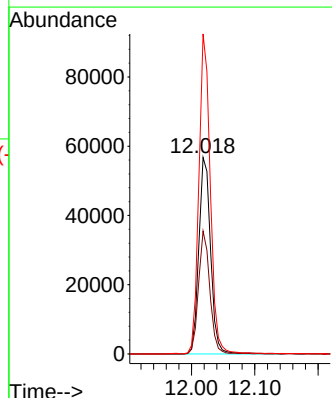
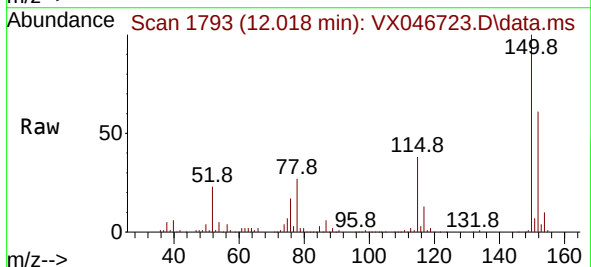
Instrument :
MSVOA_X
ClientSampleId :
IBLK

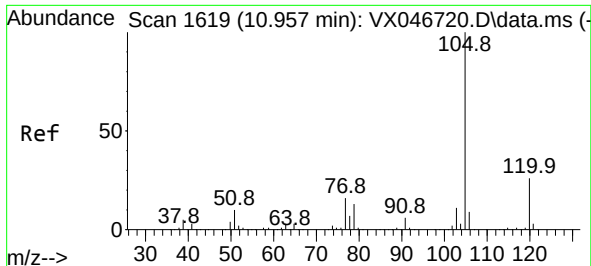
Tgt Ion:106 Resp: 1125
Ion Ratio Lower Upper
106 100
91 230.0 164.8 247.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046723.D
Acq: 17 Jun 2025 15:23

Tgt Ion:152 Resp: 73855
Ion Ratio Lower Upper
152 100
115 60.3 43.2 129.6
150 156.9 0.0 346.8

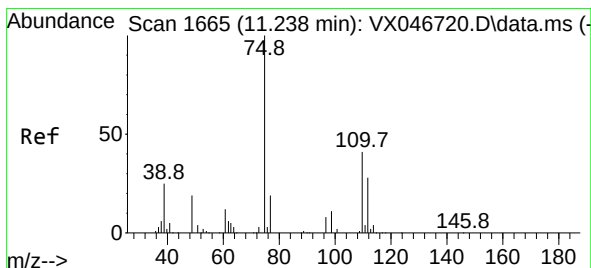
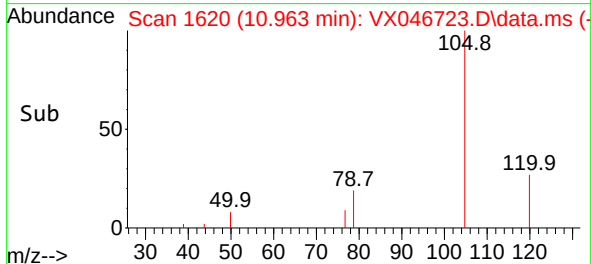
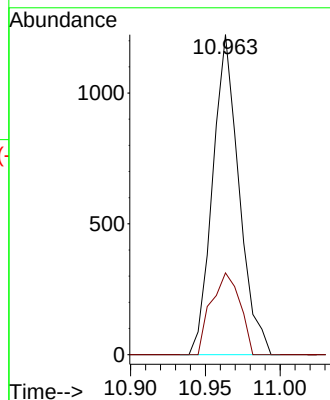
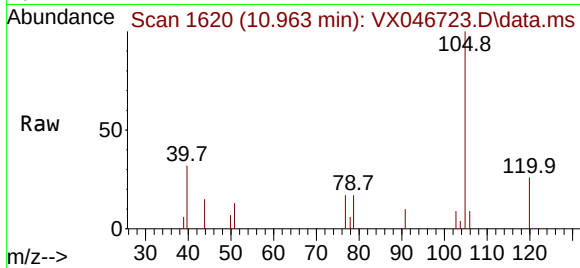




#73
Isopropylbenzene
Concen: 0.276 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX046723.D
Acq: 17 Jun 2025 15:23

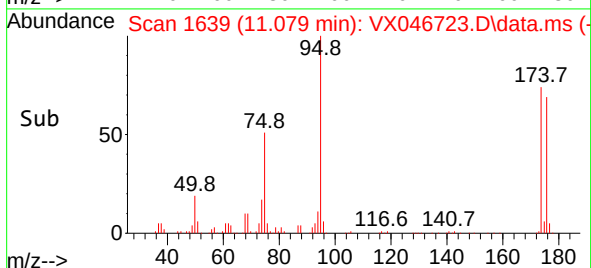
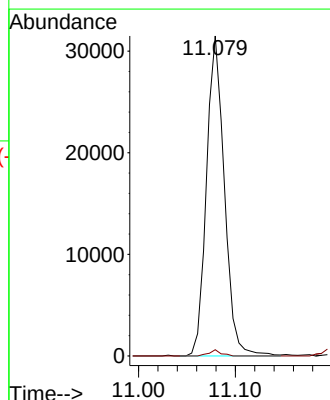
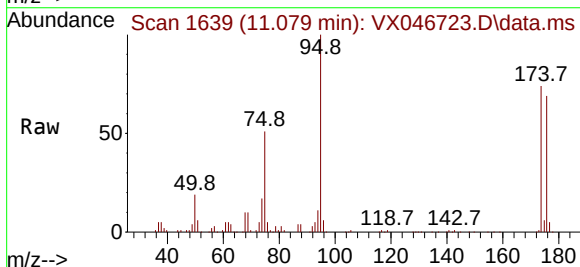
Instrument :
MSVOA_X
ClientSampleId :
IBLK

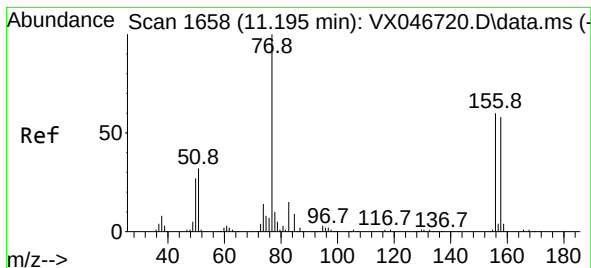
Tgt Ion:105 Resp: 1499
Ion Ratio Lower Upper
105 100
120 27.8 13.0 39.0



#76
1,2,3-Trichloropropane
Concen: 30.012 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX046723.D
Acq: 17 Jun 2025 15:23

Tgt Ion: 75 Resp: 40596
Ion Ratio Lower Upper
75 100
77 1.3 18.5 55.5#





#77

Bromobenzene

Concen: 0.341 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX046723.D

Acq: 17 Jun 2025 15:23

Instrument :

MSVOA_X

ClientSampleId :

IBLK

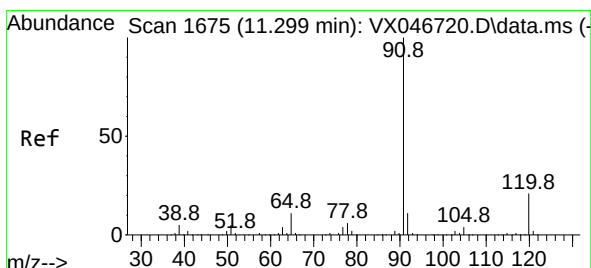
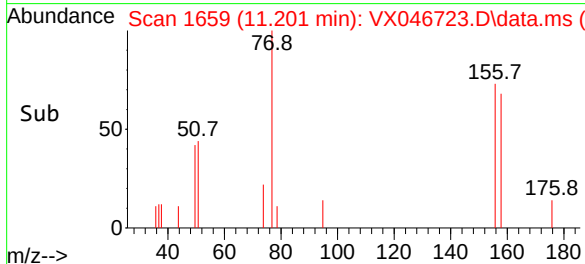
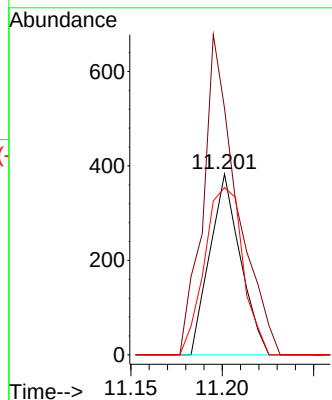
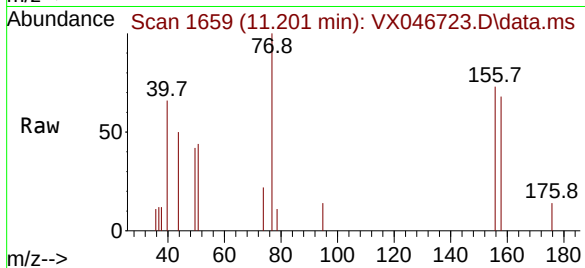
Tgt Ion:156 Resp: 447

Ion Ratio Lower Upper

156 100

77 194.6 82.8 248.6

158 116.6 47.6 142.9



#78

n-propylbenzene

Concen: 0.508 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.006 min

Lab File: VX046723.D

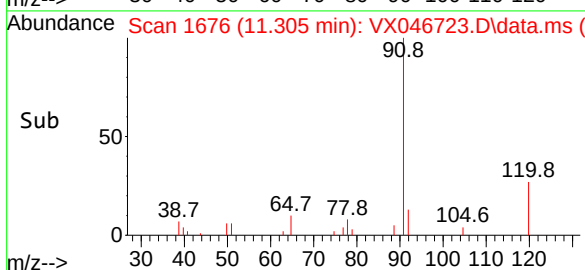
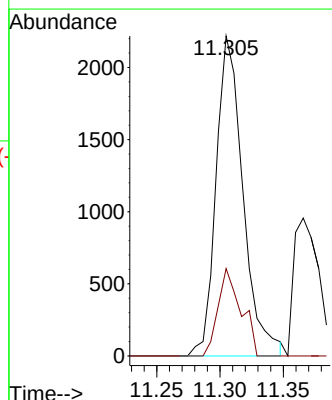
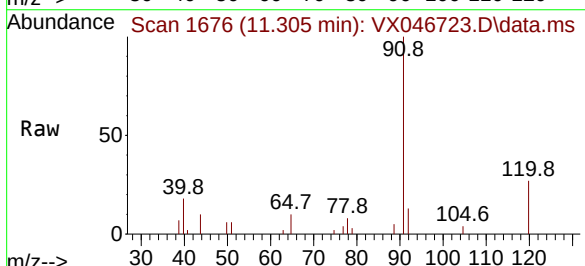
Acq: 17 Jun 2025 15:23

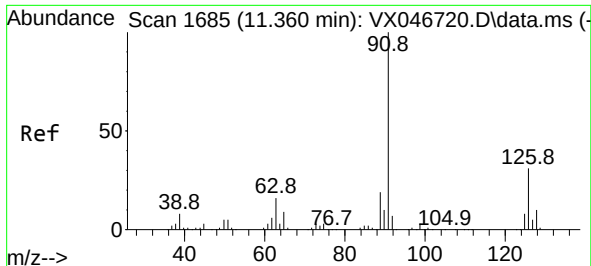
Tgt Ion: 91 Resp: 3281

Ion Ratio Lower Upper

91 100

120 23.3 11.4 34.1

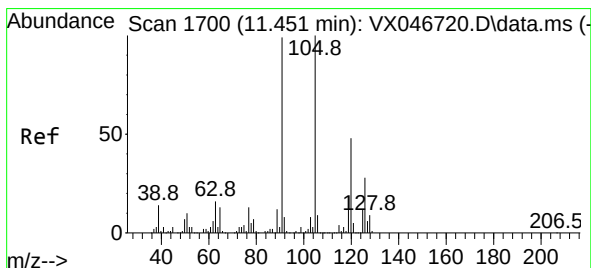
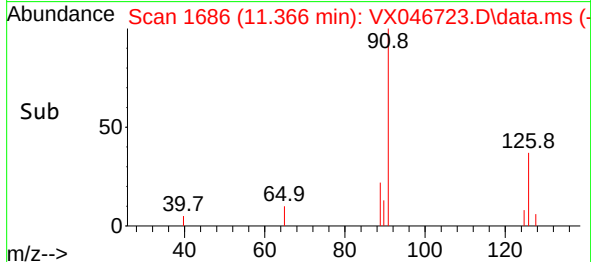
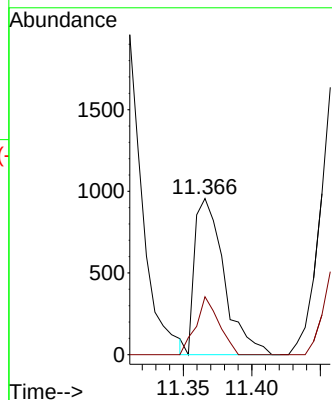
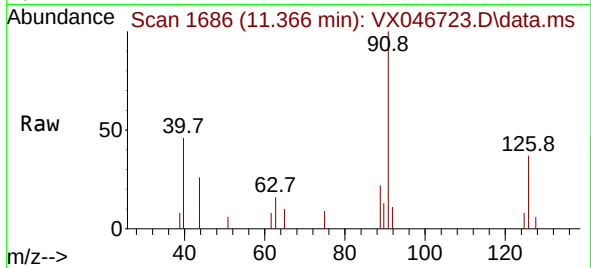




#79
2-Chlorotoluene
Concen: 0.368 ug/l
RT: 11.366 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046723.D
Acq: 17 Jun 2025 15:23

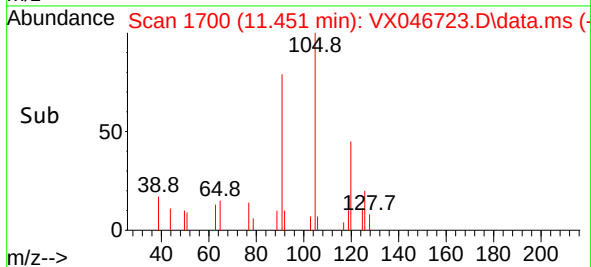
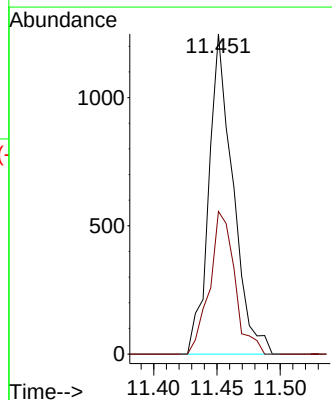
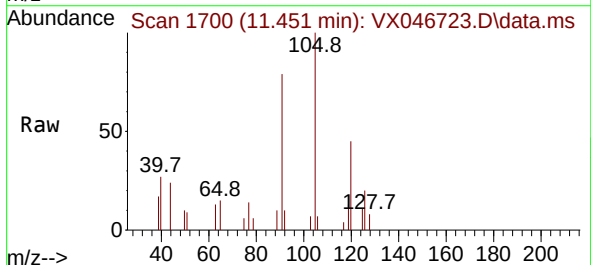
Instrument :
MSVOA_X
ClientSampleId :
IBLK

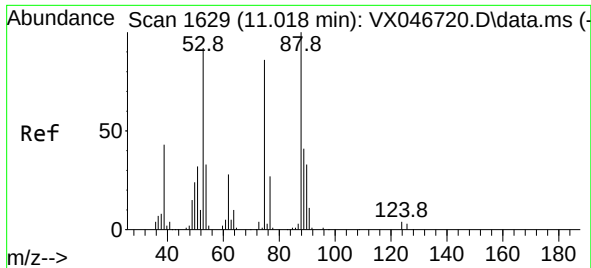
Tgt Ion: 91 Resp: 1420
Ion Ratio Lower Upper
91 100
126 29.2 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 0.371 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046723.D
Acq: 17 Jun 2025 15:23

Tgt Ion: 105 Resp: 1658
Ion Ratio Lower Upper
105 100
120 46.2 24.1 72.2

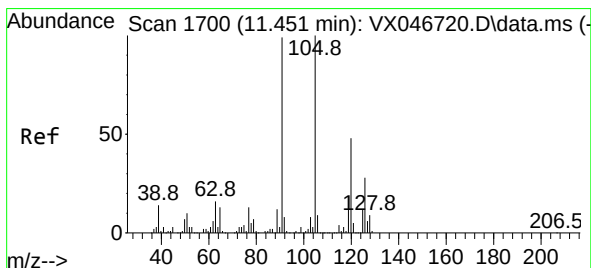
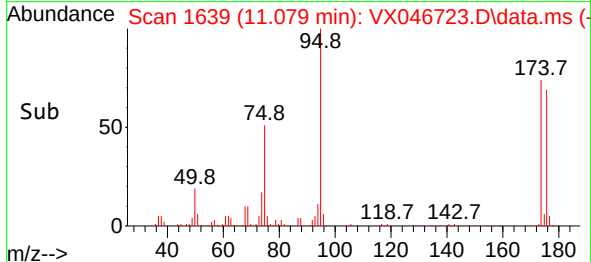
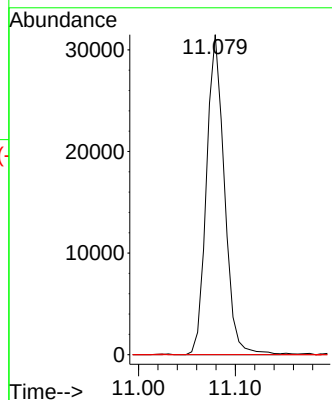
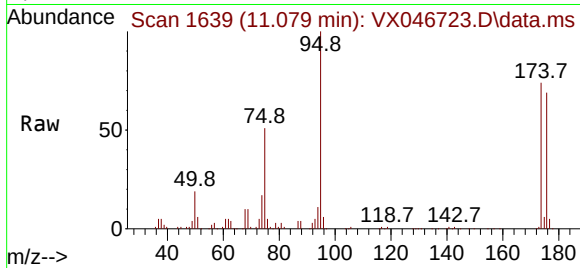




#81
trans-1,4-Dichloro-2-butene
Concen: 84.831 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX046723.D
Acq: 17 Jun 2025 15:23

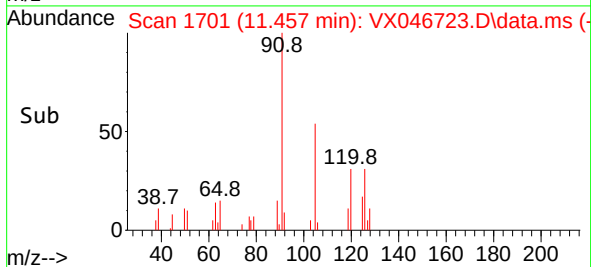
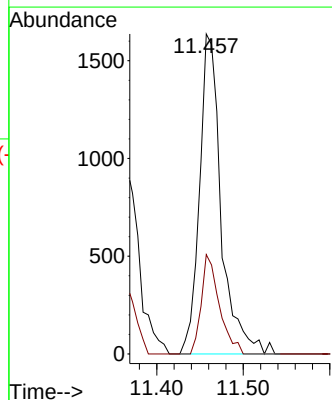
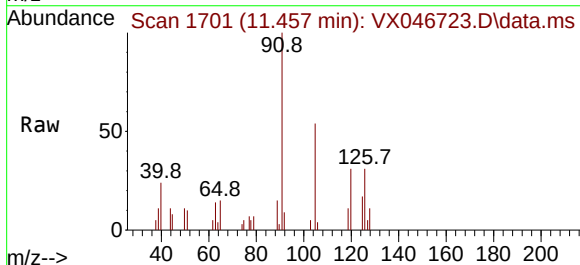
Instrument :
MSVOA_X
ClientSampleId :
IBLK

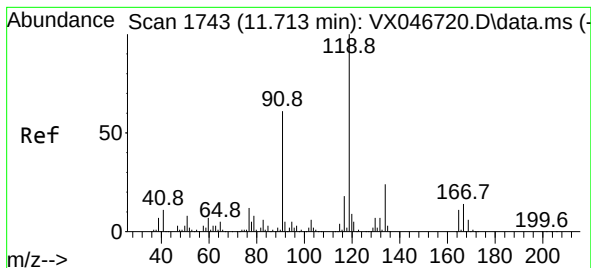
Tgt Ion: 75 Resp: 40596
Ion Ratio Lower Upper
75 100
53 0.0 86.8 130.2#
89 0.0 36.9 55.3#



#82
4-Chlorotoluene
Concen: 0.632 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX046723.D
Acq: 17 Jun 2025 15:23

Tgt Ion: 91 Resp: 2845
Ion Ratio Lower Upper
91 100
126 25.8 14.4 43.2





#83

tert-Butylbenzene

Concen: 0.334 ug/l

RT: 11.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX046723.D

Acq: 17 Jun 2025 15:23

Instrument :

MSVOA_X

ClientSampleId :

IBLK

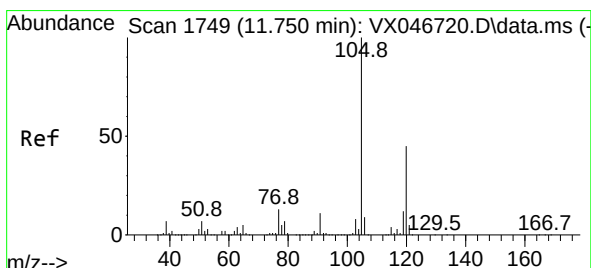
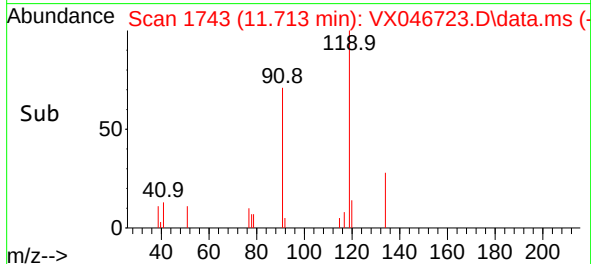
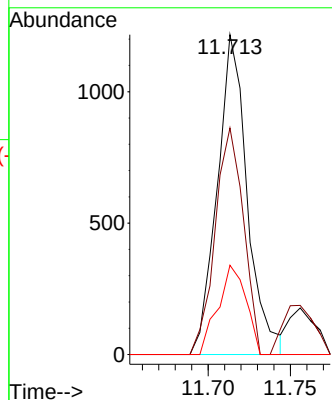
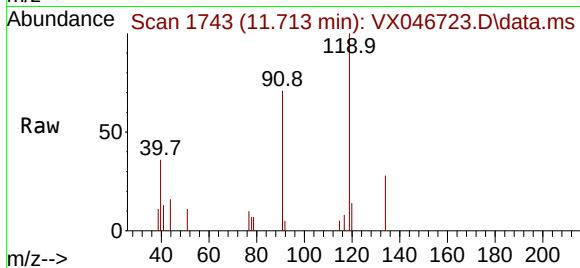
Tgt Ion:119 Resp: 1541

Ion Ratio Lower Upper

119 100

91 67.0 29.5 88.6

134 26.2 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 0.395 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX046723.D

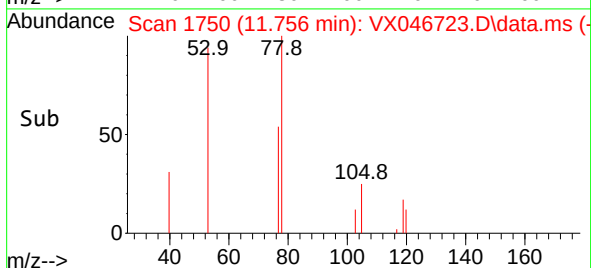
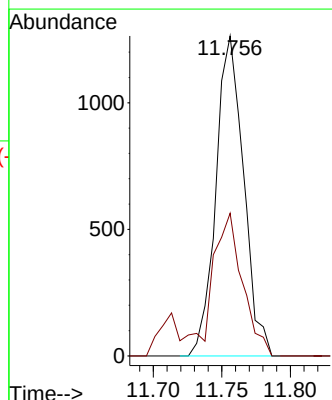
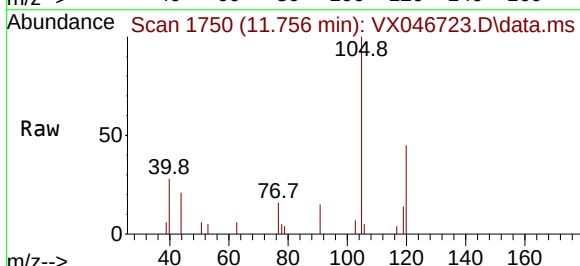
Acq: 17 Jun 2025 15:23

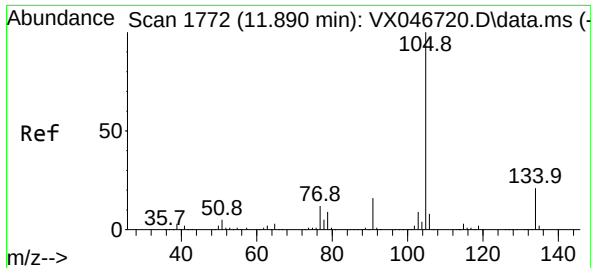
Tgt Ion:105 Resp: 1776

Ion Ratio Lower Upper

105 100

120 47.8 22.1 66.3

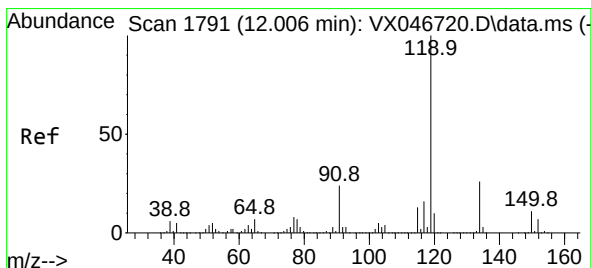
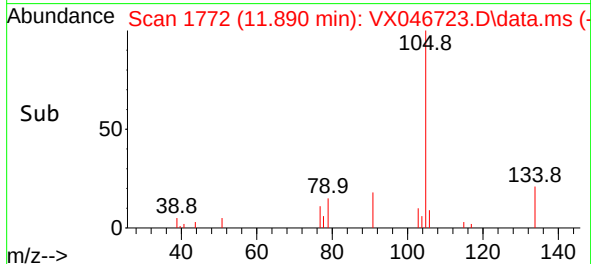
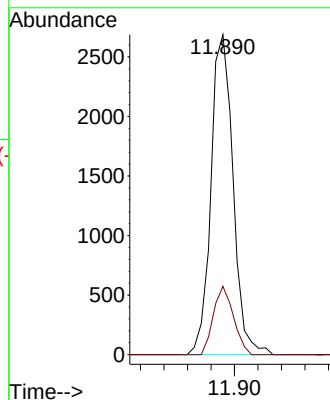
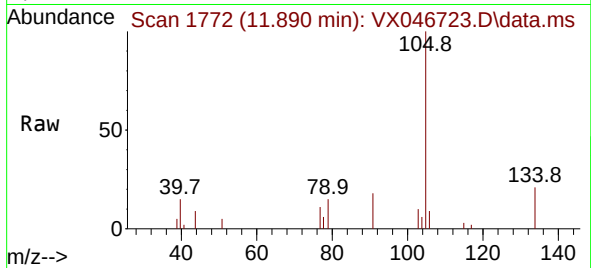




#85
 sec-Butylbenzene
 Concen: 0.601 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX046723.D
 Acq: 17 Jun 2025 15:23

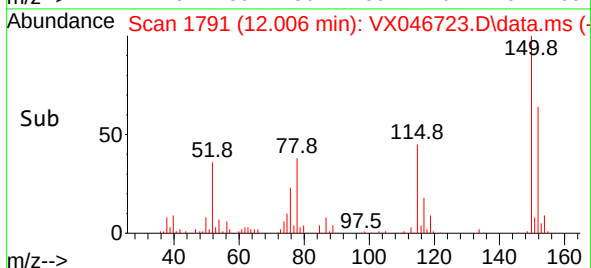
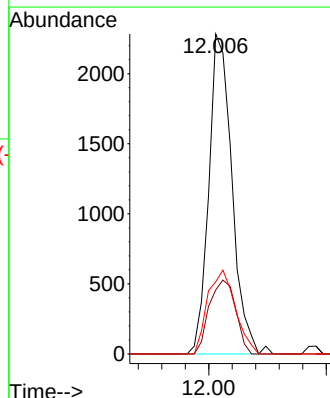
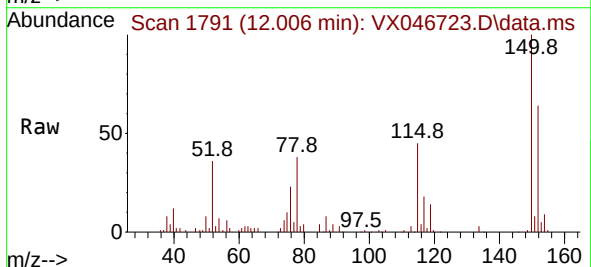
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

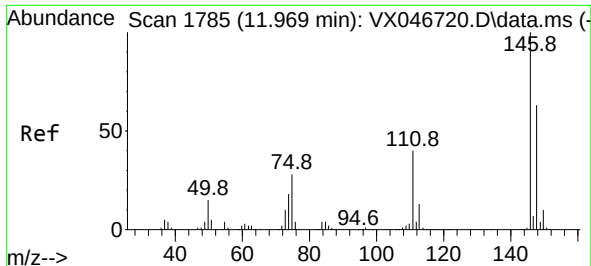
Tgt Ion:105 Resp: 3510
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 0.635 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX046723.D
 Acq: 17 Jun 2025 15:23

Tgt Ion:119 Resp: 3127
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.9 38.7
 91 31.2 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 0.781 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX046723.D

Acq: 17 Jun 2025 15:23

Instrument :

MSVOA_X

ClientSampleId :

IBLK

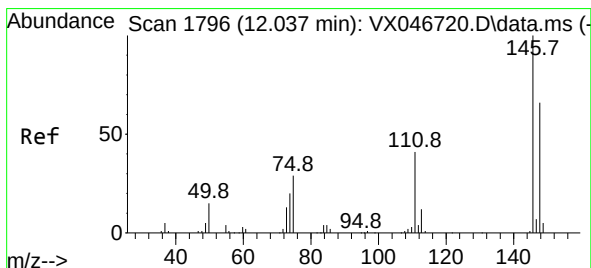
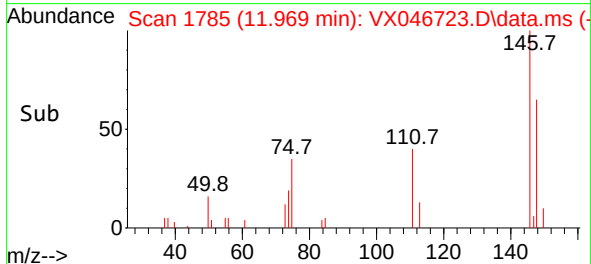
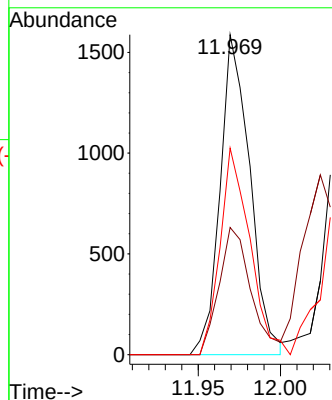
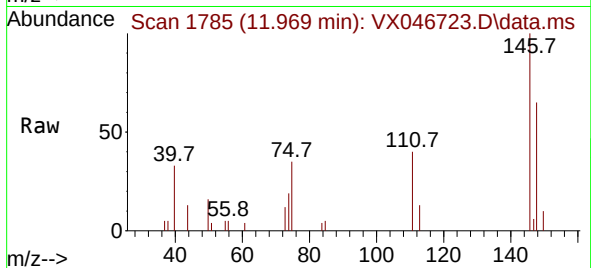
Tgt Ion:146 Resp: 1992

Ion Ratio Lower Upper

146 100

111 43.0 20.6 61.8

148 64.6 31.6 94.8



#88

1,4-Dichlorobenzene

Concen: 0.760 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.067 min

Lab File: VX046723.D

Acq: 17 Jun 2025 15:23

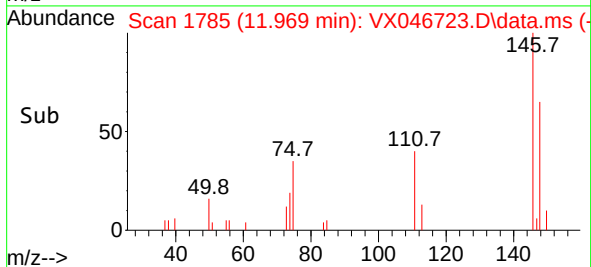
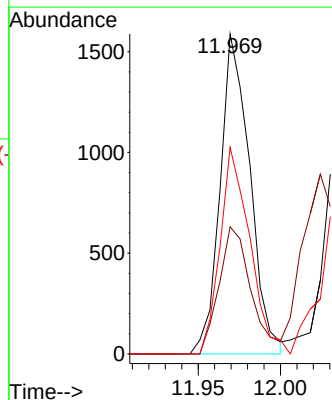
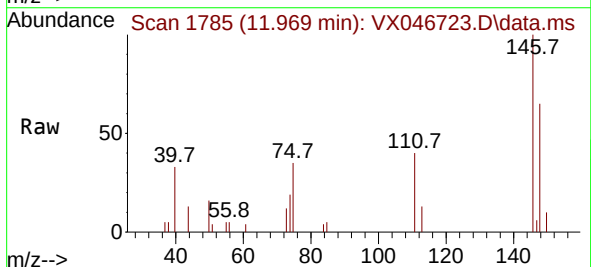
Tgt Ion:146 Resp: 1992

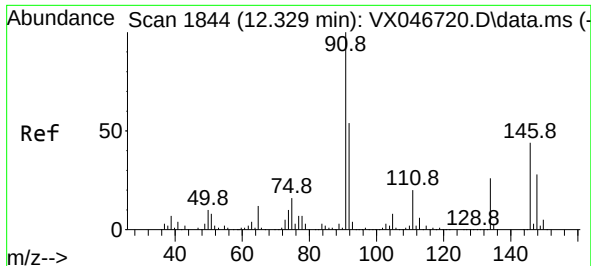
Ion Ratio Lower Upper

146 100

111 43.0 20.3 61.0

148 64.6 32.1 96.5





#89

n-Butylbenzene

Concen: 1.002 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX046723.D

Acq: 17 Jun 2025 15:23

Instrument :

MSVOA_X

ClientSampleId :

IBLK

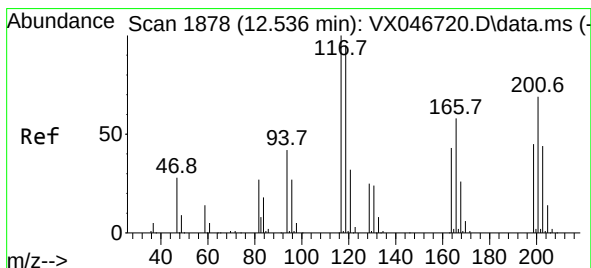
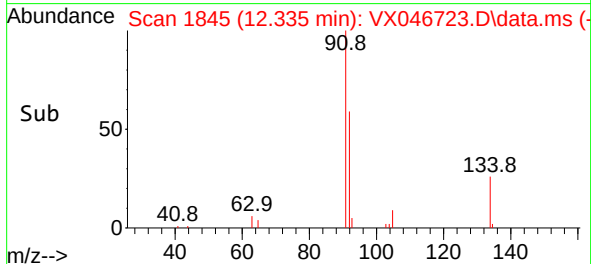
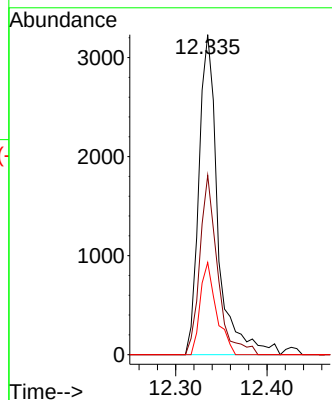
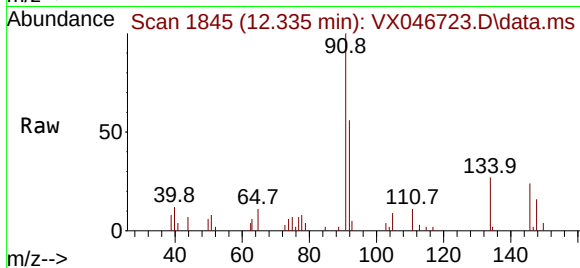
Tgt Ion: 91 Resp: 4686

Ion Ratio Lower Upper

91 100

92 52.2 27.1 81.3

134 24.4 12.9 38.6



#90

Hexachloroethane

Concen: 0.366 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX046723.D

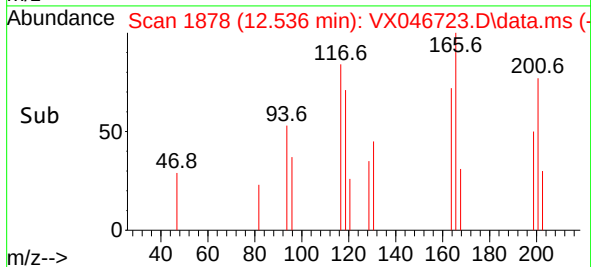
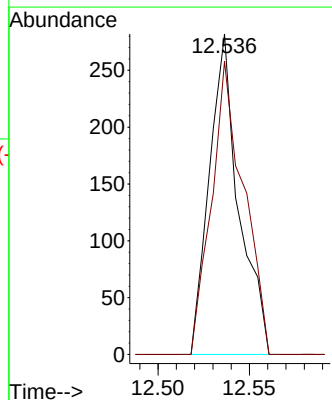
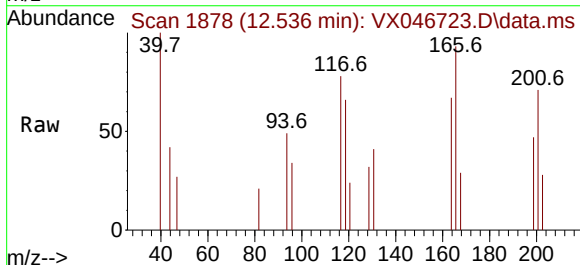
Acq: 17 Jun 2025 15:23

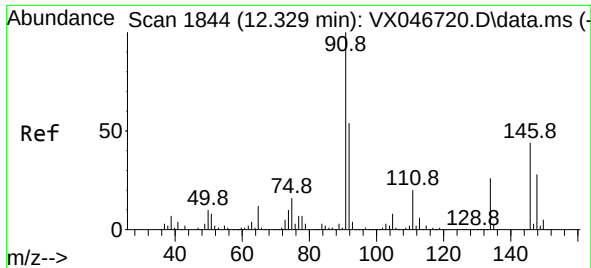
Tgt Ion: 117 Resp: 316

Ion Ratio Lower Upper

117 100

201 100.0 34.4 103.3

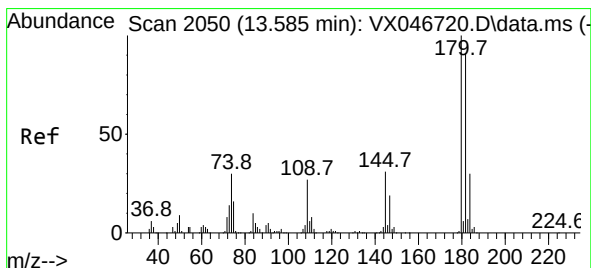
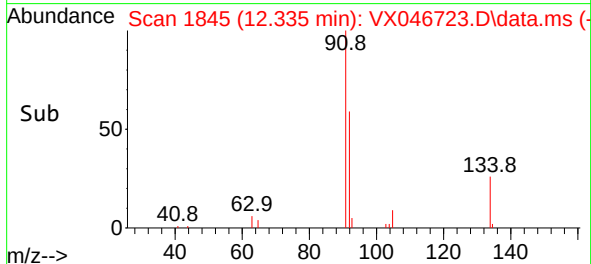
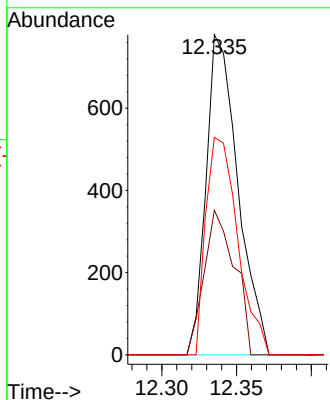
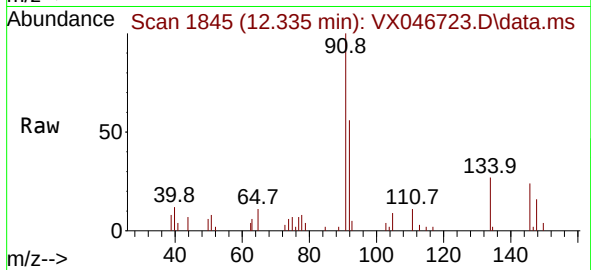




#91
1,2-Dichlorobenzene
Concen: 0.484 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX046723.D
Acq: 17 Jun 2025 15:23

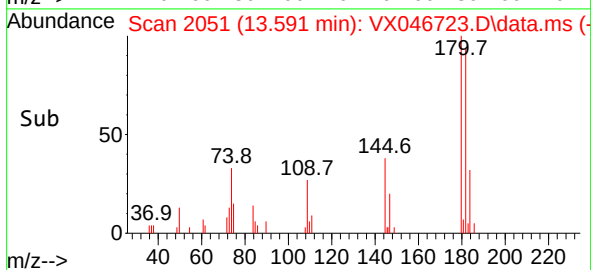
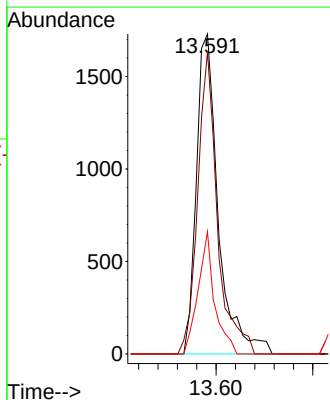
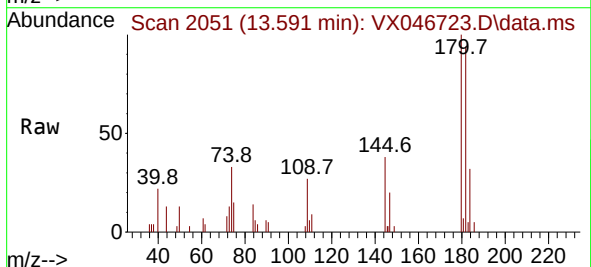
Instrument :
MSVOA_X
ClientSampleId :
IBLK

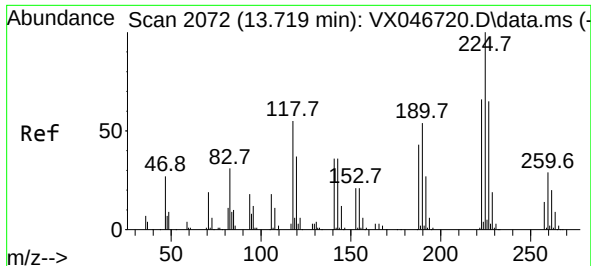
Tgt Ion:146 Resp: 1154
Ion Ratio Lower Upper
146 100
111 43.3 21.7 65.1
148 68.0 32.0 96.2



#93
1,2,4-Trichlorobenzene
Concen: 1.603 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX046723.D
Acq: 17 Jun 2025 15:23

Tgt Ion:180 Resp: 2718
Ion Ratio Lower Upper
180 100
182 85.0 46.7 140.1
145 28.8 15.8 47.4

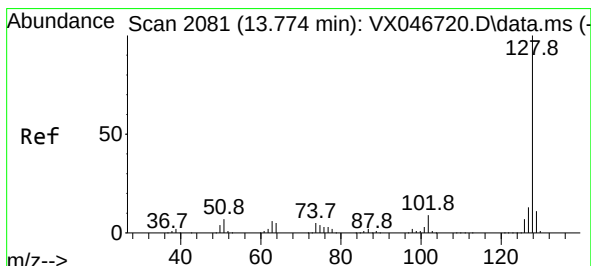
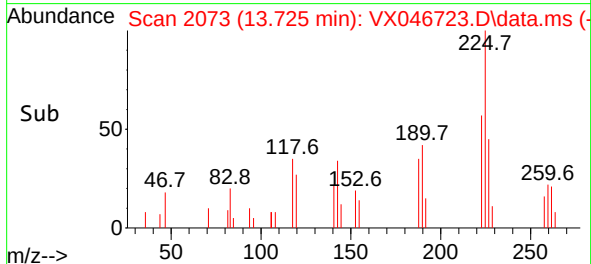
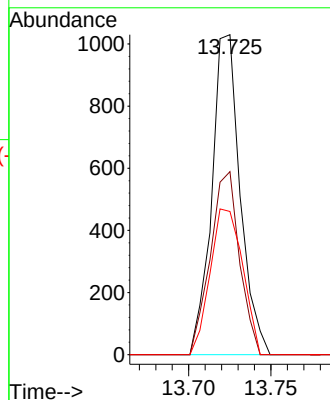
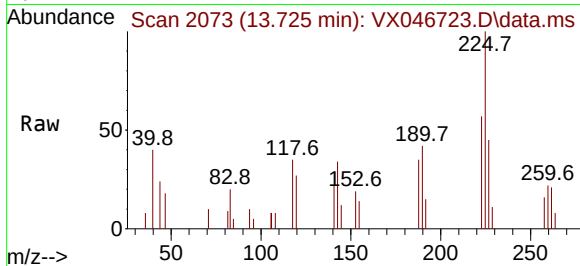




#94
Hexachlorobutadiene
Concen: 1.736 ug/l
RT: 13.725 min Scan# 2072
Delta R.T. 0.006 min
Lab File: VX046723.D
Acq: 17 Jun 2025 15:23

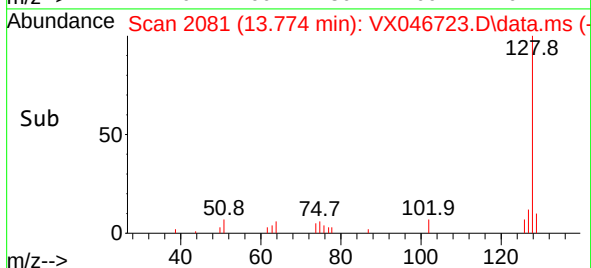
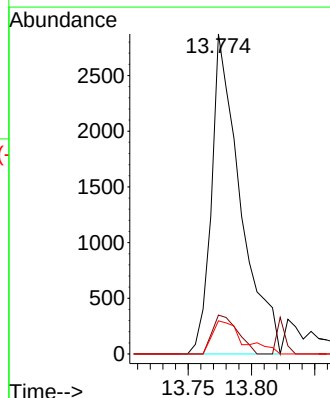
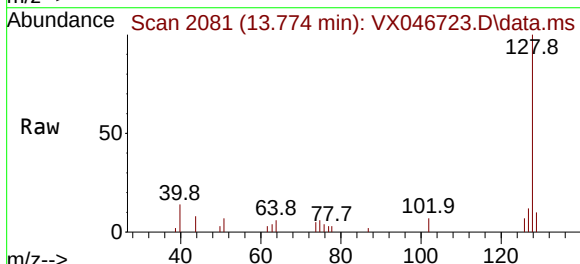
Instrument :
MSVOA_X
ClientSampleId :
IBLK

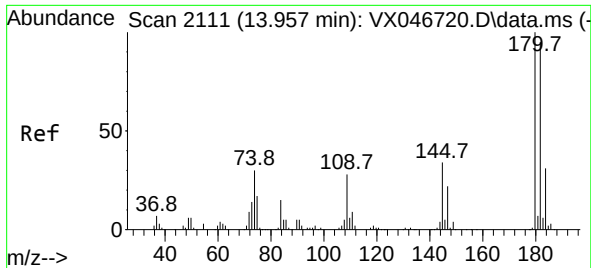
Tgt Ion:	225	Resp:	1238
Ion	Ratio	Lower	Upper
225	100		
223	58.6	32.5	97.5
227	52.0	32.2	96.6



#95
Naphthalene
Concen: 0.942 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046723.D
Acq: 17 Jun 2025 15:23

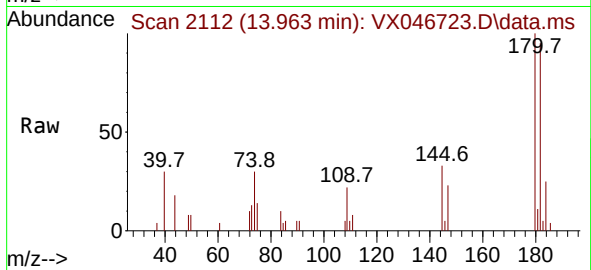
Tgt Ion:	128	Resp:	4551
Ion	Ratio	Lower	Upper
128	100		
127	10.7	10.1	15.1
129	11.0	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 1.390 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.006 min
 Lab File: VX046723.D
 Acq: 17 Jun 2025 15:23

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK



Tgt Ion:	180	Resp:	2255
Ion	Ratio	Lower	Upper
180	100		
182	99.3	47.8	143.4
145	29.4	17.3	51.9

