

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
 Data File : VX046523.D
 Acq On : 06 Jun 2025 11:47
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jun 06 16:42:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:38:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.574	168	85790	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	168457	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	161827	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74654	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	76524	50.137	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.280%	
35) Dibromofluoromethane	5.410	113	58804	47.467	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.940%	
50) Toluene-d8	8.653	98	199387	48.818	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.640%	
62) 4-Bromofluorobenzene	11.079	95	89749	53.111	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 106.220%	

Target Compounds				Qvalue		
3) Chloromethane	1.313	50	372	0.343	ug/l #	78
5) Bromomethane	1.636	94	861	1.312	ug/l #	81
9) 1,1,2-Trichlorotrifluo...	2.355	101	300	0.266	ug/l #	59
10) Methyl Iodide	2.477	142	1120	0.917	ug/l #	97
11) Tert butyl alcohol	2.971	59	143	0.844	ug/l #	72
13) Acrolein	2.252	56	238	31.028	ug/l #	73
15) Acrylonitrile	3.093	53	770	1.202	ug/l	86
16) Acetone	2.404	43	1265	6.666	ug/l #	88
17) Carbon Disulfide	2.532	76	3229	1.689	ug/l #	92
20) Methylene Chloride	2.813	84	424	0.346	ug/l #	69
21) trans-1,2-Dichloroethene	3.117	96	612	0.568	ug/l	95
27) cis-1,2-Dichloroethene	4.526	96	266	0.200	ug/l	74
29) Tetrahydrofuran	5.044	42	164	0.306	ug/l #	54
36) 1,1-Dichloropropene	5.568	75	8467	4.785	ug/l #	51
38) Carbon Tetrachloride	5.568	117	10416	5.255	ug/l #	16
39) Methylcyclohexane	7.385	83	507	0.243	ug/l #	69
44) Trichloroethene	7.141	130	393	0.310	ug/l	90
46) Dibromomethane	7.604	93	316	0.327	ug/l	91
49) 1,4-Dioxane	7.702	88	127	6.130	ug/l #	71
51) 4-Methyl-2-Pentanone	8.580	43	545	0.285	ug/l #	87
53) t-1,3-Dichloropropene	9.000	75	611	0.343	ug/l	97
54) cis-1,3-Dichloropropene	8.379	75	404	0.204	ug/l #	52
58) 2-Chloroethyl Vinyl ether	8.275	63	501	0.486	ug/l #	70
59) 2-Hexanone	9.458	43	424	0.309	ug/l	87
61) 1,2-Dibromoethane	9.622	107	300	0.234	ug/l	96
64) Tetrachloroethene	9.275	164	405	0.374	ug/l	96
65) Chlorobenzene	10.086	112	1272	0.334	ug/l #	85
67) Ethyl Benzene	10.201	91	1588	0.239	ug/l	96
68) m/p-Xylenes	10.305	106	1276	0.529	ug/l	98
70) Styrene	10.665	104	1130	0.283	ug/l	97
71) Bromoform	10.805	173	214	0.218	ug/l #	30
73) Isopropylbenzene	10.963	105	1416	0.241	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	49585	30.846	ug/l #	36
77) Bromobenzene	11.201	156	549	0.403	ug/l	97
78) n-propylbenzene	11.305	91	3121	0.439	ug/l	98
79) 2-Chlorotoluene	11.372	91	1686	0.394	ug/l	89

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

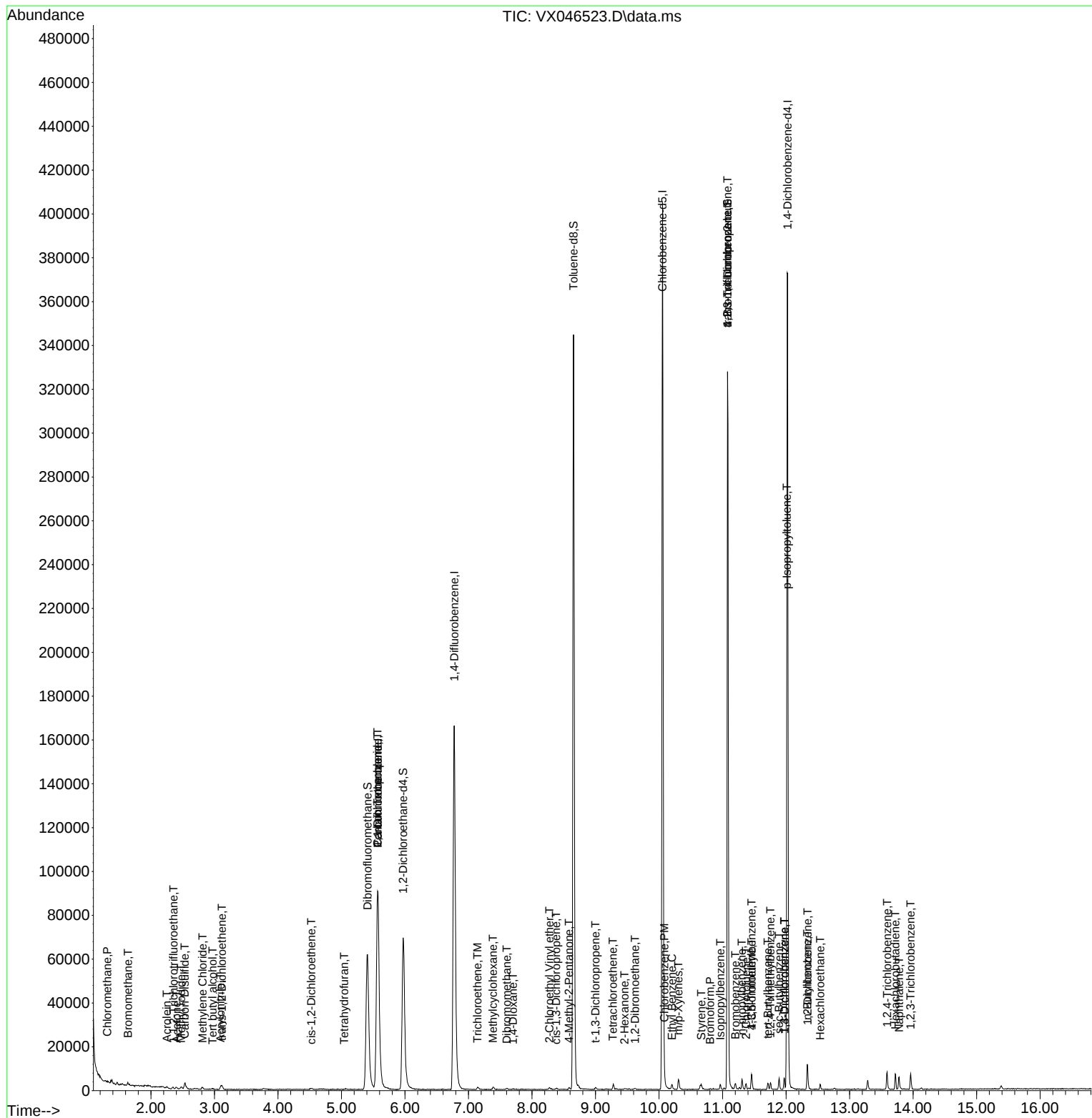
80) 1,3,5-Trimethylbenzene	11.457	105	1596	0.326	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.079	75	49585	90.455	ug/l #	1
82) 4-Chlorotoluene	11.457	91	2815	0.554	ug/l	95
83) tert-Butylbenzene	11.713	119	1370	0.275	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	1612	0.326	ug/l	94
85) sec-Butylbenzene	11.890	105	2825	0.442	ug/l	99
86) p-Isopropyltoluene	12.012	119	2700	0.506	ug/l	83
87) 1,3-Dichlorobenzene	11.975	146	1833	0.693	ug/l	99
88) 1,4-Dichlorobenzene	11.975	146	1833	0.669	ug/l	99
89) n-Butylbenzene	12.335	91	4223	0.806	ug/l	98
90) Hexachloroethane	12.536	117	351	0.370	ug/l	79
91) 1,2-Dichlorobenzene	12.341	146	1240	0.486	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	2126	1.221	ug/l	96
94) Hexachlorobutadiene	13.719	225	919	1.135	ug/l	94
95) Naphthalene	13.780	128	4498	0.814	ug/l	96
96) 1,2,3-Trichlorobenzene	13.963	180	1803	1.032	ug/l	99

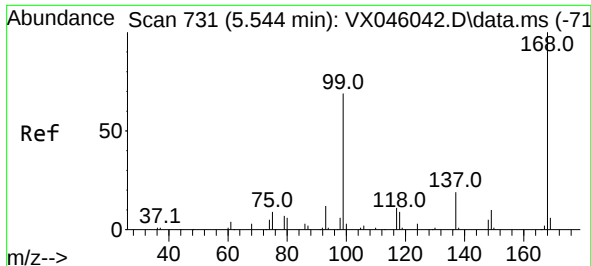
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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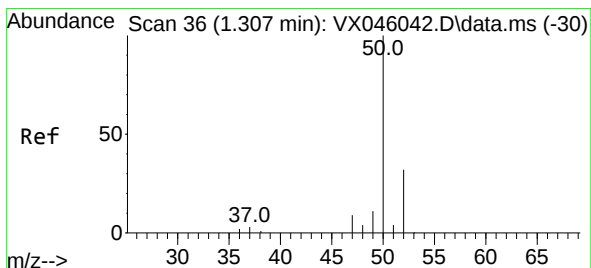
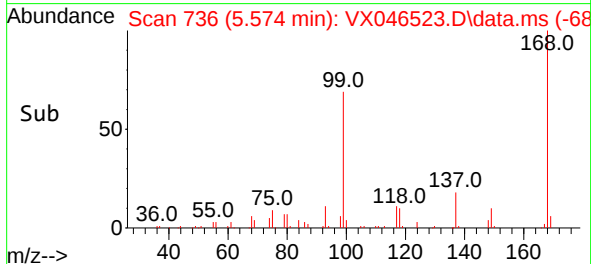
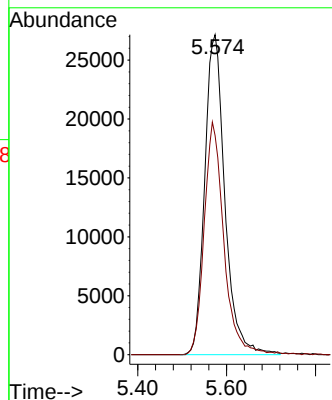
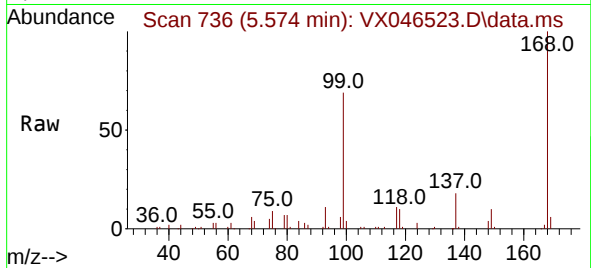




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.574 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046523.D
Acq: 06 Jun 2025 11:47

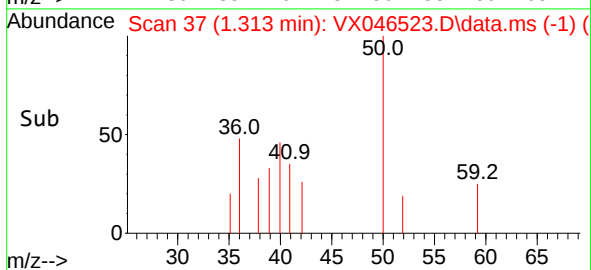
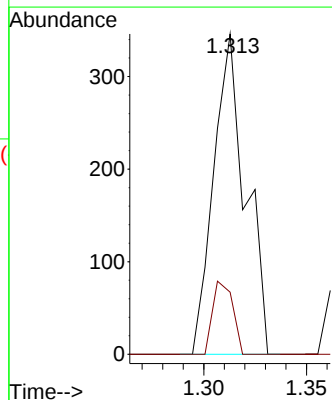
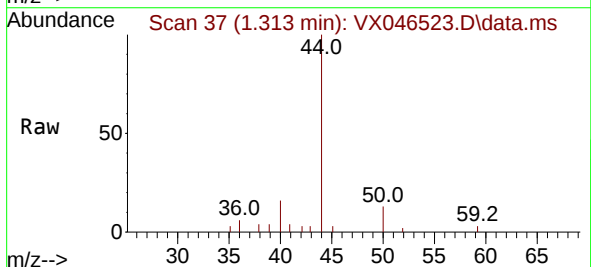
Instrument :
MSVOA_X
ClientSampleId :
IBLK

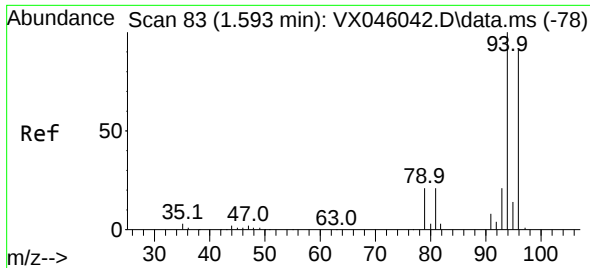
Tgt Ion:168 Resp: 85790
Ion Ratio Lower Upper
168 100
99 68.5 54.9 82.3



#3
Chloromethane
Concen: 0.343 ug/l
RT: 1.313 min Scan# 37
Delta R.T. 0.006 min
Lab File: VX046523.D
Acq: 06 Jun 2025 11:47

Tgt Ion: 50 Resp: 372
Ion Ratio Lower Upper
50 100
52 19.4 25.4 38.2#

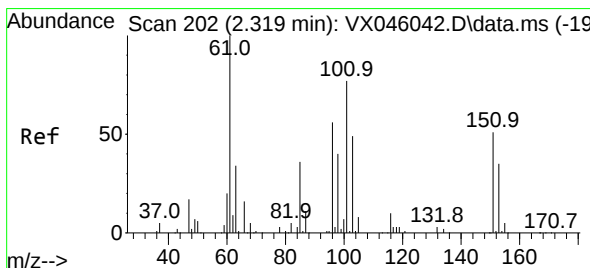
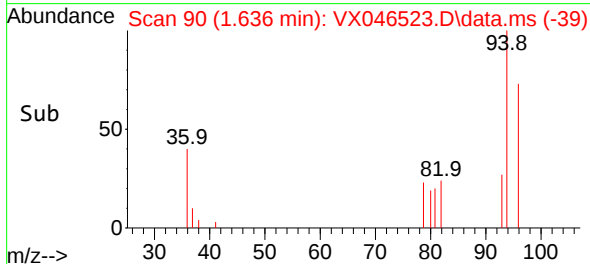
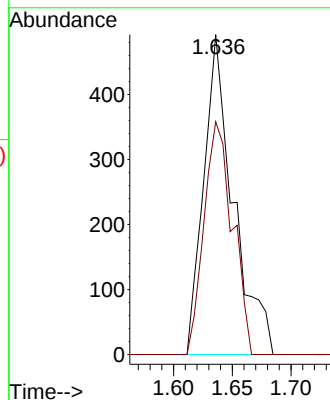
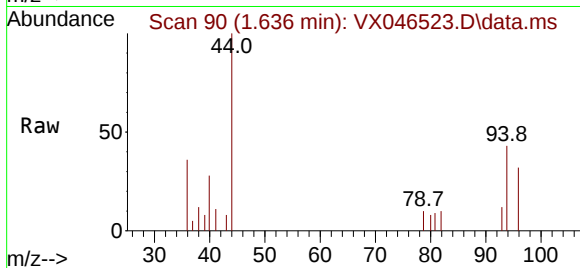




#5
Bromomethane
Concen: 1.312 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX046523.D
Acq: 06 Jun 2025 11:47

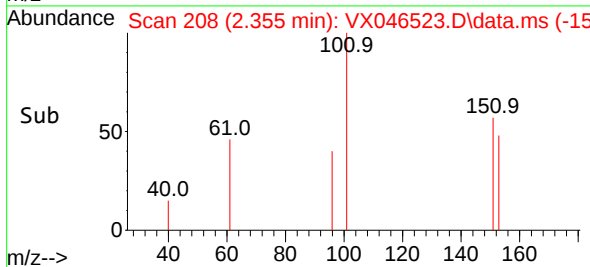
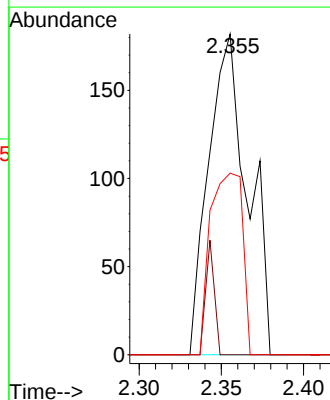
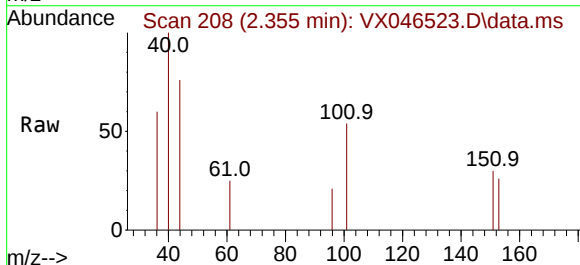
Instrument :
MSVOA_X
ClientSampleId :
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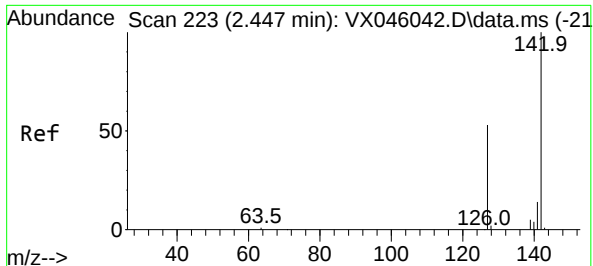
Tgt Ion: 94 Resp: 861
Ion Ratio Lower Upper
94 100
96 72.8 72.8 109.2#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.266 ug/l
RT: 2.355 min Scan# 208
Delta R.T. 0.006 min
Lab File: VX046523.D
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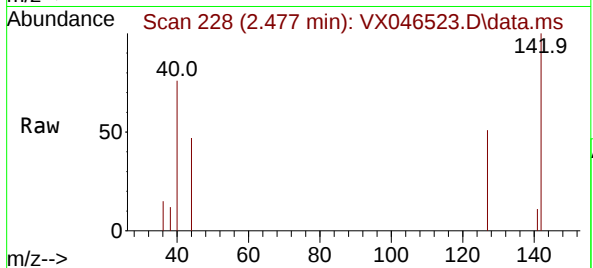
Tgt Ion: 101 Resp: 300
Ion Ratio Lower Upper
101 100
85 8.0 38.6 58.0#
151 46.7 55.2 82.8#



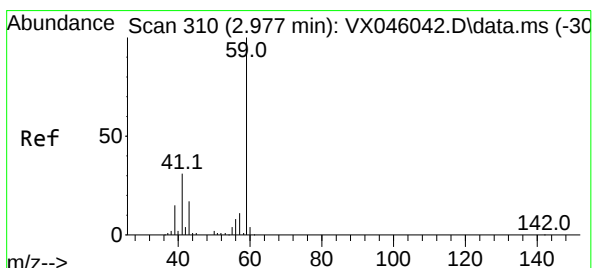
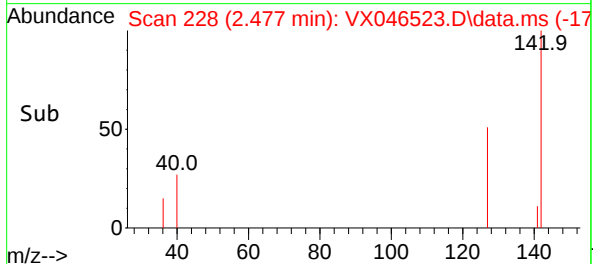
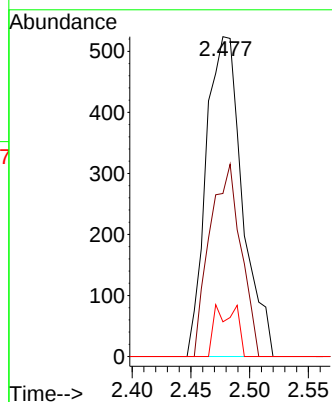


#10
Methyl Iodide
Concen: 0.917 ug/l
RT: 2.477 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046523.D
Acq: 06 Jun 2025 11:47

Instrument :
MSVOA_X
ClientSampleId :
IBLK

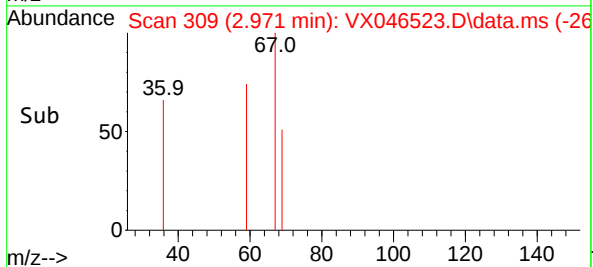
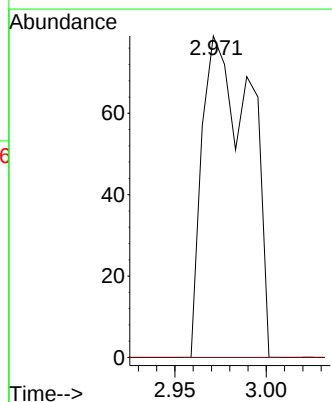
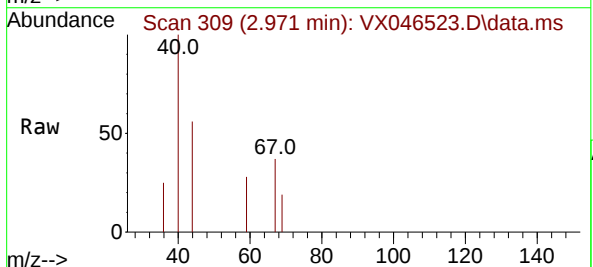


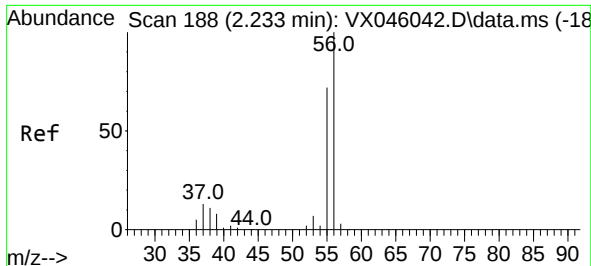
Tgt Ion:142 Resp: 1120
Ion Ratio Lower Upper
142 100
127 52.0 41.7 62.5
141 9.5 11.5 17.3#



#11
Tert butyl alcohol
Concen: 0.844 ug/l
RT: 2.971 min Scan# 309
Delta R.T. 0.000 min
Lab File: VX046523.D
Acq: 06 Jun 2025 11:47

Tgt Ion: 59 Resp: 143
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

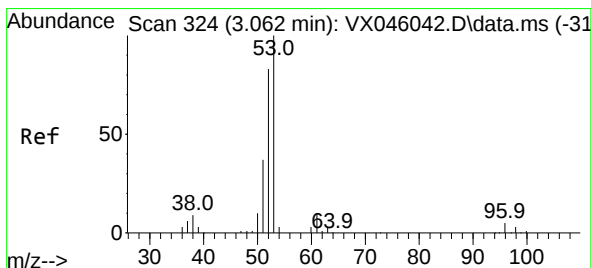
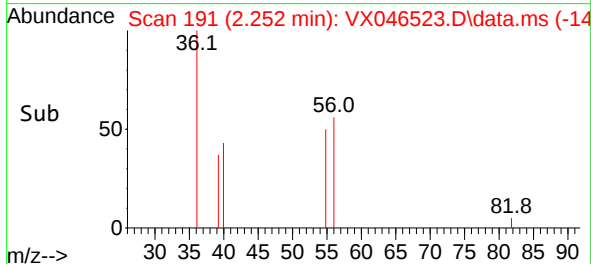
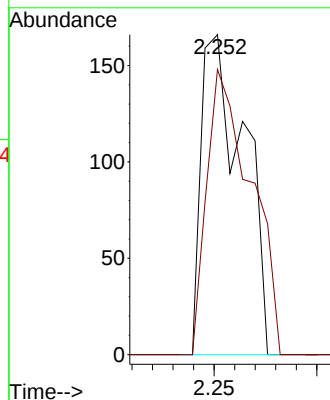
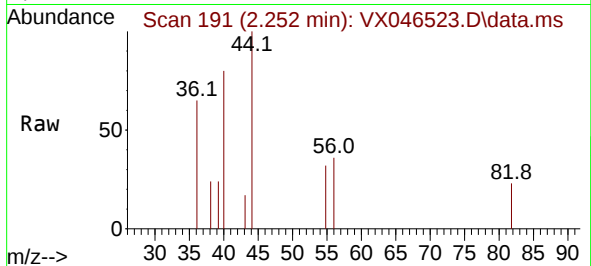




#13
Acrolein
Concen: 31.028 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.001 min
Lab File: VX046523.D
Acq: 06 Jun 2025 11:47

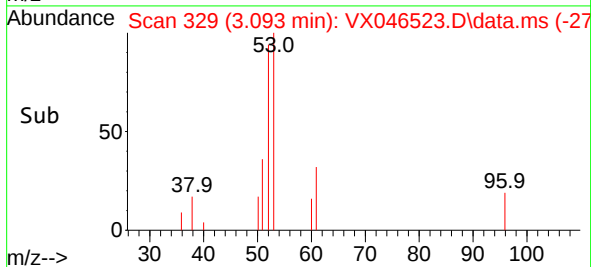
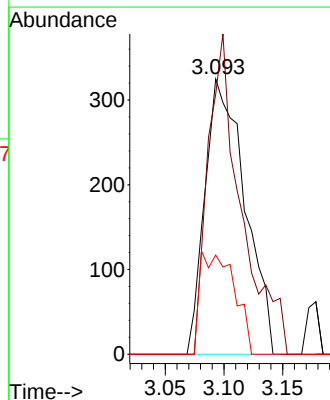
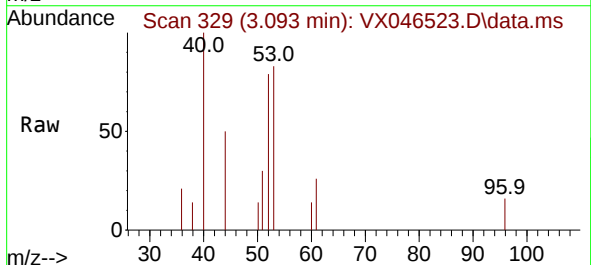
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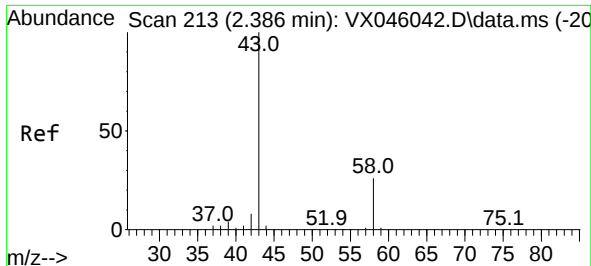
Tgt Ion: 56 Resp: 238
Ion Ratio Lower Upper
56 100
55 92.9 56.2 84.4#



#15
Acrylonitrile
Concen: 1.202 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.012 min
Lab File: VX046523.D
Acq: 06 Jun 2025 11:47

Tgt Ion: 53 Resp: 770
Ion Ratio Lower Upper
53 100
52 96.2 65.3 97.9
51 31.7 29.8 44.8

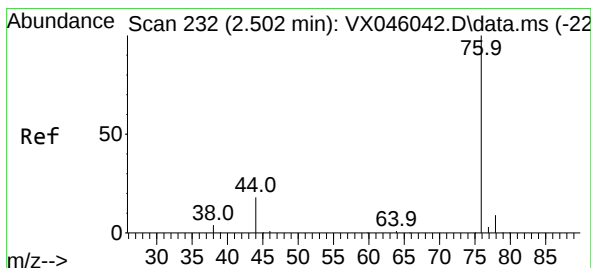
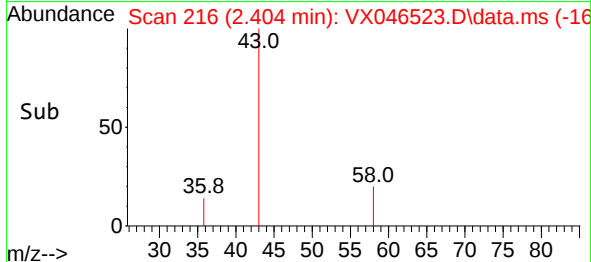
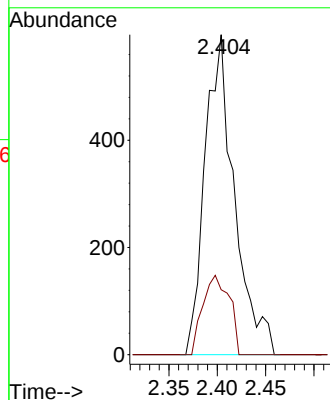
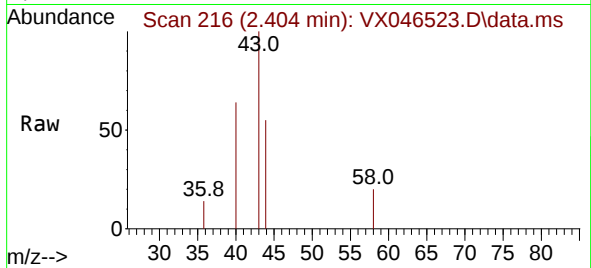




#16
Acetone
Concen: 6.666 ug/l
RT: 2.404 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX046523.D
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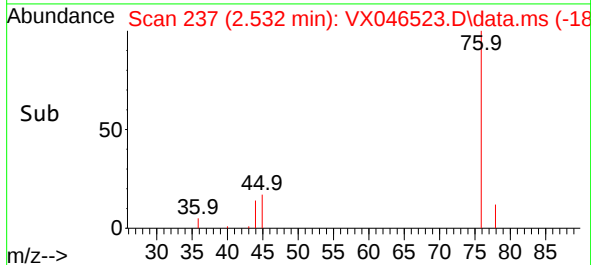
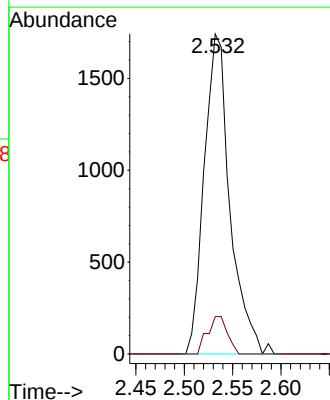
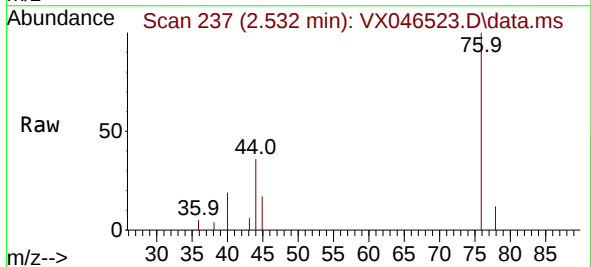
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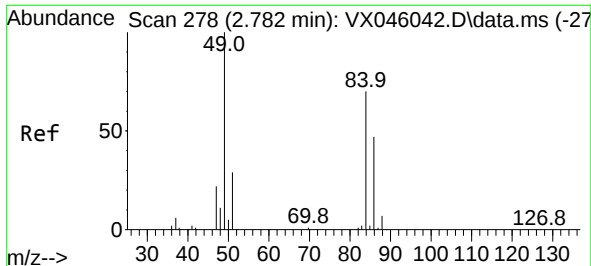
Tgt Ion: 43 Resp: 1265
Ion Ratio Lower Upper
43 100
58 20.3 21.2 31.8#



#17
Carbon Disulfide
Concen: 1.689 ug/l
RT: 2.532 min Scan# 237
Delta R.T. 0.000 min
Lab File: VX046523.D
Acq: 06 Jun 2025 11:47

Tgt Ion: 76 Resp: 3229
Ion Ratio Lower Upper
76 100
78 11.7 7.0 10.4#

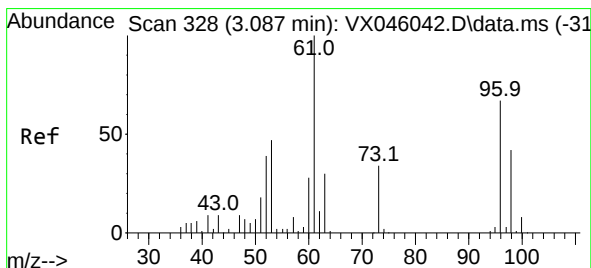
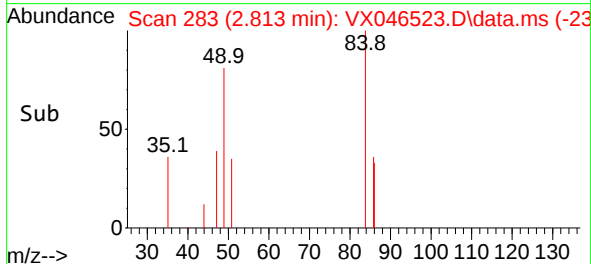
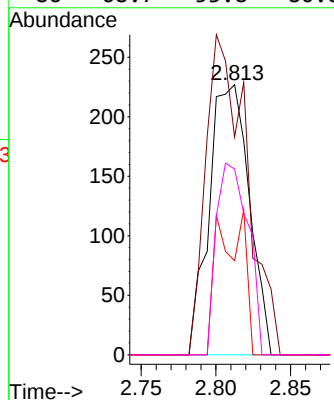
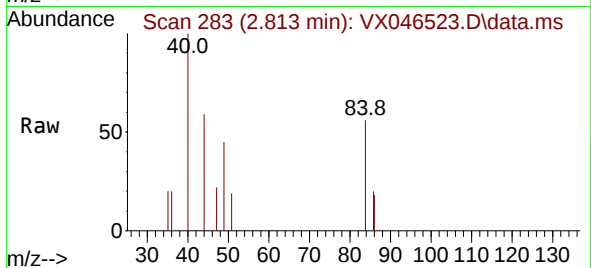




#20
Methylene Chloride
Concen: 0.346 ug/l
RT: 2.813 min Scan# 21
Delta R.T. 0.006 min
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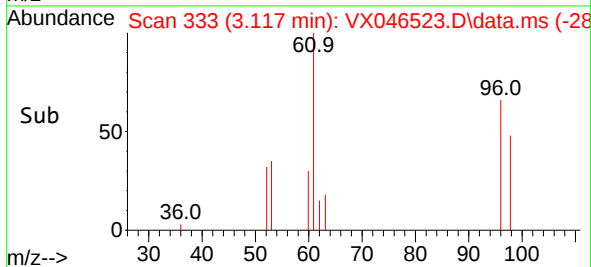
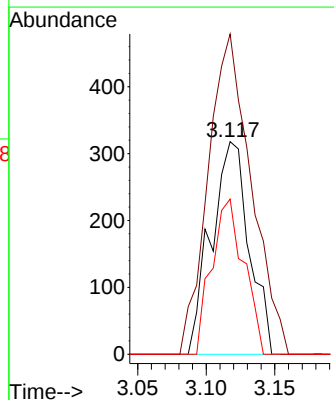
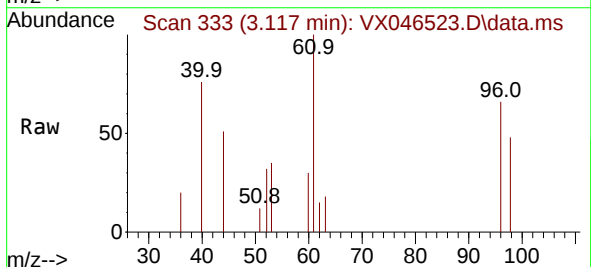
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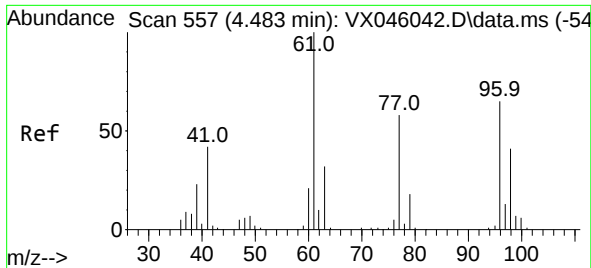
Tgt Ion:	84	Resp:	424
Ion	Ratio	Lower	Upper
84	100		
49	80.6	113.9	170.9#
51	34.8	33.5	50.3
86	68.7	53.8	80.8



#21
trans-1,2-Dichloroethene
Concen: 0.568 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX046523.D
Acq: 06 Jun 2025 11:47

Tgt Ion:	96	Resp:	612
Ion	Ratio	Lower	Upper
96	100		
61	150.6	119.5	179.3
98	73.0	50.0	75.0





#27

cis-1,2-Dichloroethene

Concen: 0.200 ug/l

RT: 4.526 min Scan# 5

Delta R.T. 0.018 min

Lab File: VX046523.D

Acq: 06 Jun 2025 11:47

Instrument :

MSVOA_X

ClientSampleId :

IBLK

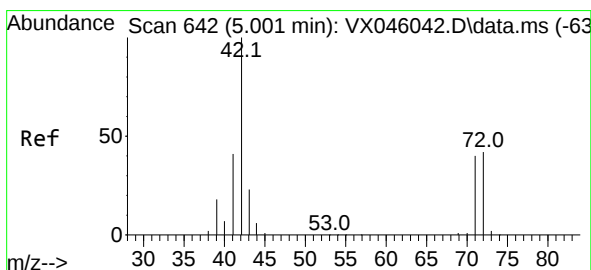
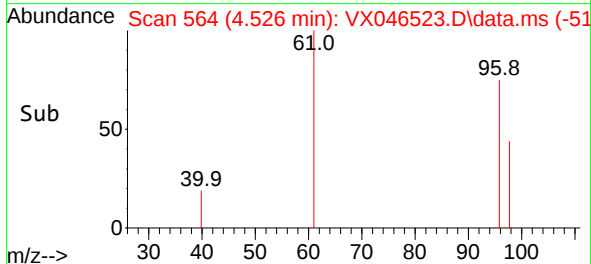
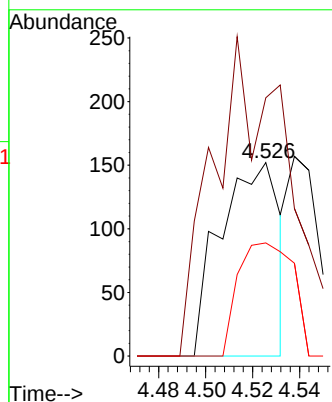
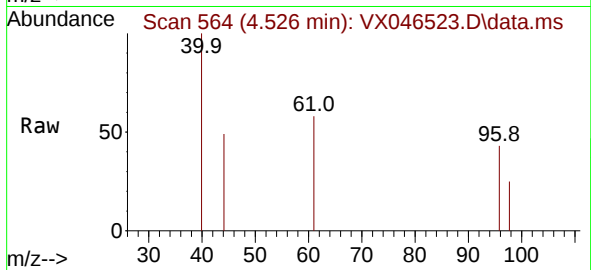
Tgt Ion: 96 Resp: 266

Ion Ratio Lower Upper

96 100

61 203.4 0.0 322.8

98 54.5 0.0 129.0



#29

Tetrahydrofuran

Concen: 0.306 ug/l

RT: 5.044 min Scan# 649

Delta R.T. 0.025 min

Lab File: VX046523.D

Acq: 06 Jun 2025 11:47

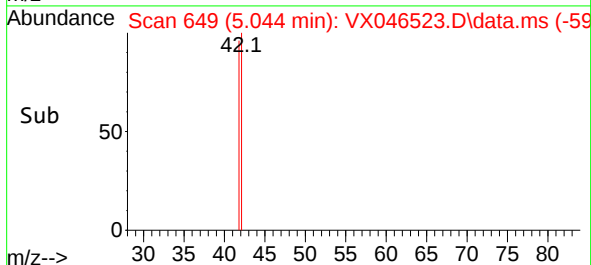
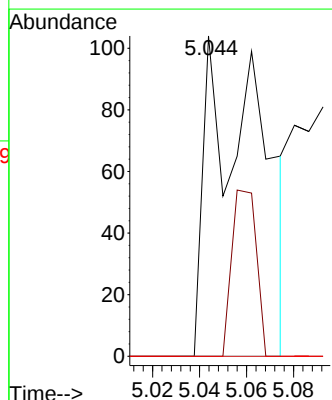
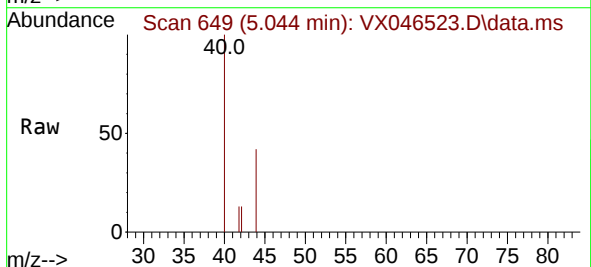
Tgt Ion: 42 Resp: 164

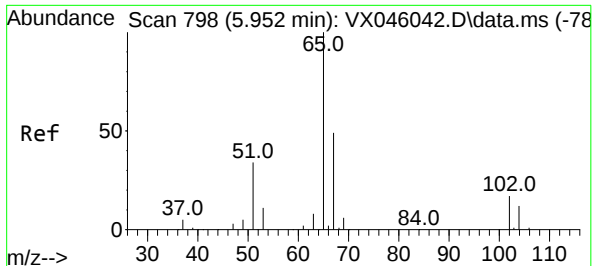
Ion Ratio Lower Upper

42 100

72 23.8 33.7 50.5#

71 0.0 31.4 47.2#





#33

1,2-Dichloroethane-d4

Concen: 50.137 ug/l

RT: 5.970 min Scan# 801

Delta R.T. 0.000 min

Lab File: VX046523.D

Acq: 06 Jun 2025 11:47

Instrument :

MSVOA_X

ClientSampleId :

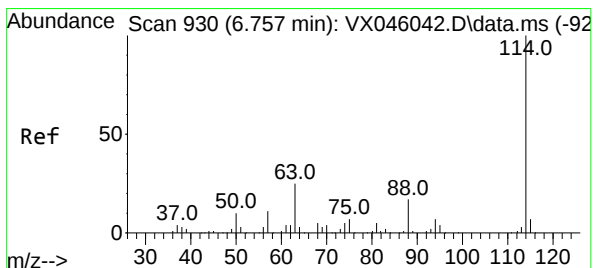
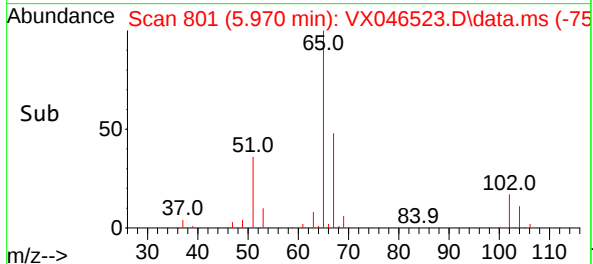
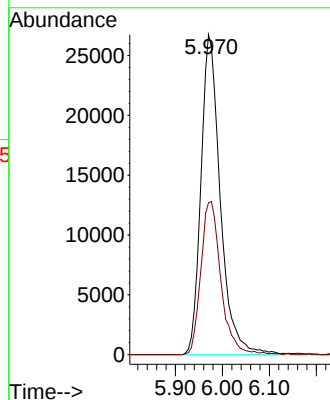
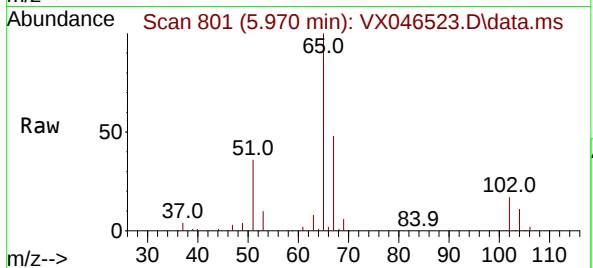
IBLK

Tgt Ion: 65 Resp: 76524

Ion Ratio Lower Upper

65 100

67 49.7 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.775 min Scan# 933

Delta R.T. 0.000 min

Lab File: VX046523.D

Acq: 06 Jun 2025 11:47

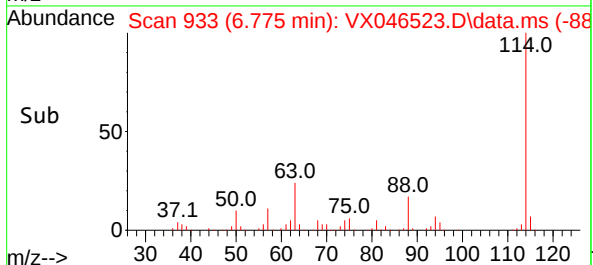
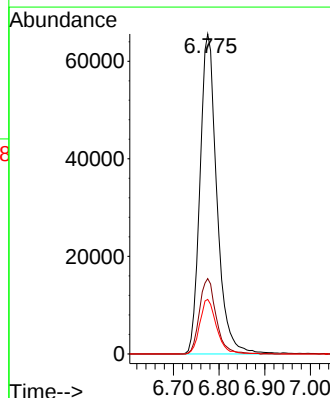
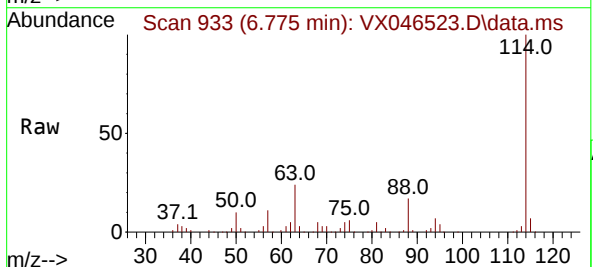
Tgt Ion: 114 Resp: 168457

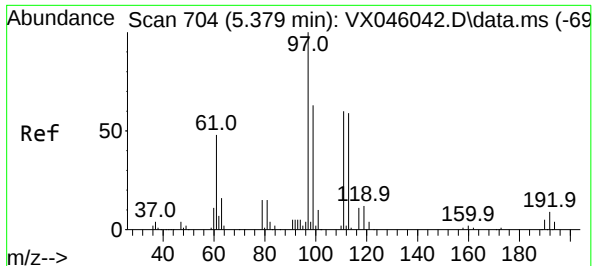
Ion Ratio Lower Upper

114 100

63 23.6 0.0 49.2

88 17.1 0.0 33.6

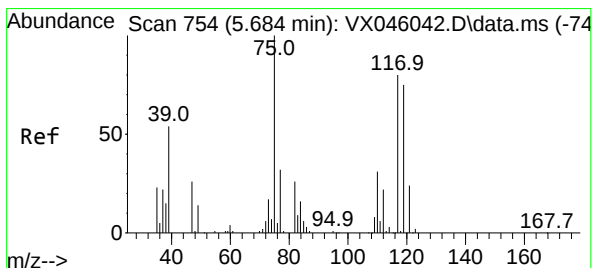
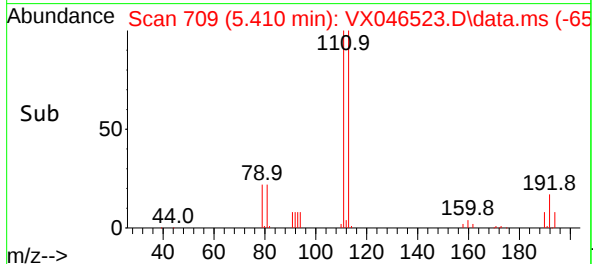
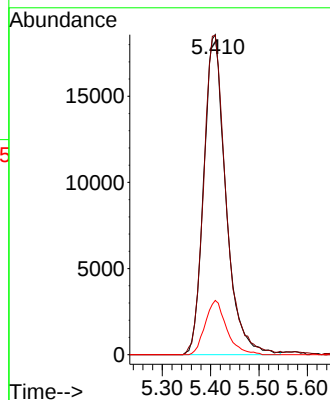
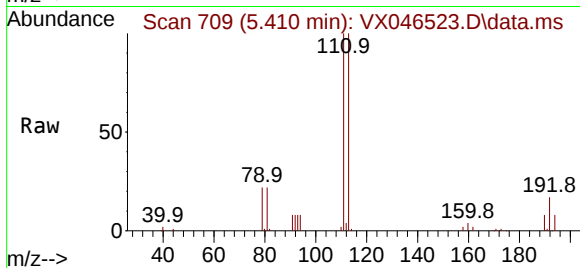




#35
Dibromofluoromethane
Concen: 47.467 ug/l
RT: 5.410 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046523.D
Acq: 06 Jun 2025 11:47

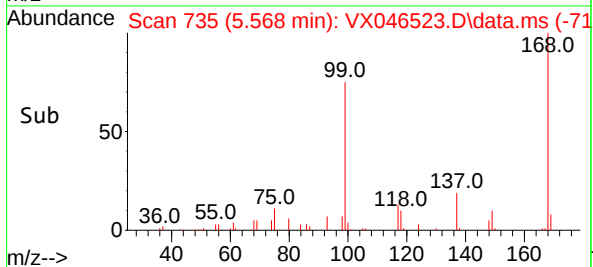
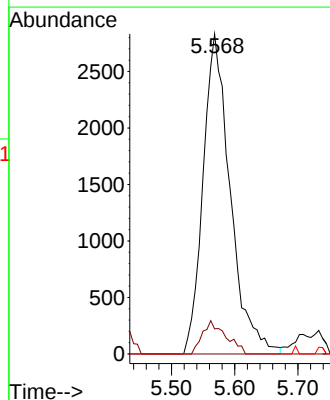
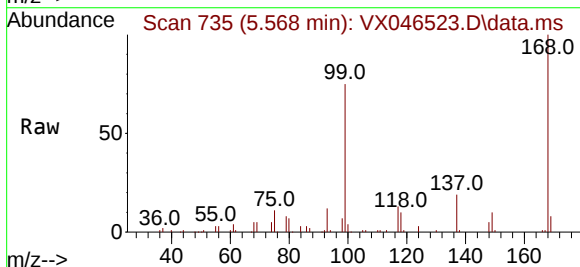
Instrument :
MSVOA_X
ClientSampleId :
IBLK

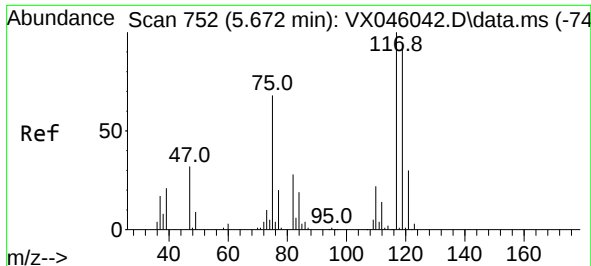
Tgt Ion:113 Resp: 58804
Ion Ratio Lower Upper
113 100
111 100.8 83.1 124.7
192 16.6 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.785 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.146 min
Lab File: VX046523.D
Acq: 06 Jun 2025 11:47

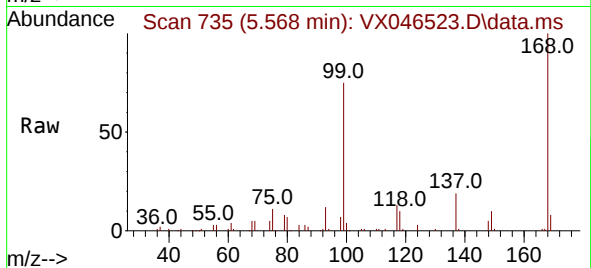
Tgt Ion: 75 Resp: 8467
Ion Ratio Lower Upper
75 100
110 8.9 16.3 48.9#
77 0.0 24.3 36.5#



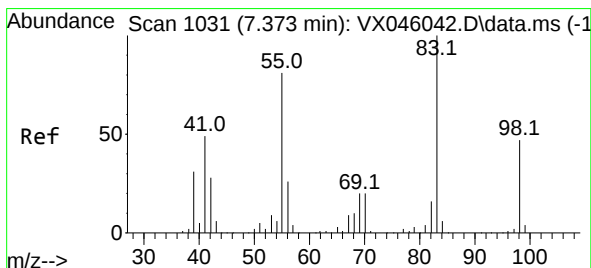
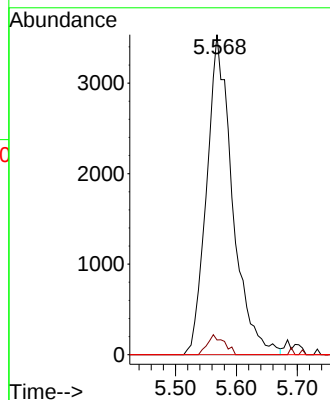
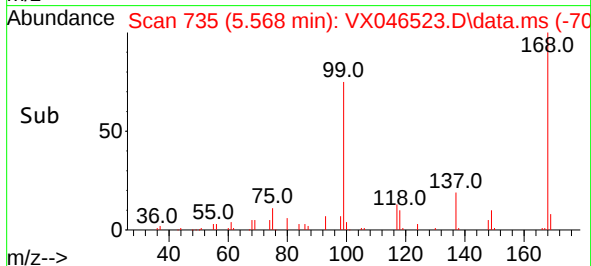


#38
Carbon Tetrachloride
Concen: 5.255 ug/l
RT: 5.568 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX046523.D
Acq: 06 Jun 2025 11:47

Instrument :
MSVOA_X
ClientSampleId :
IBLK

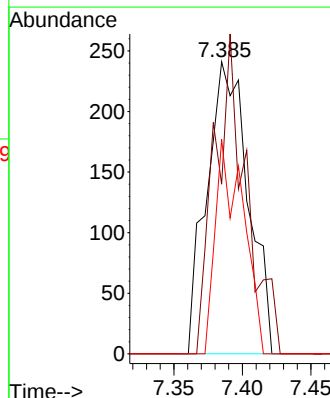
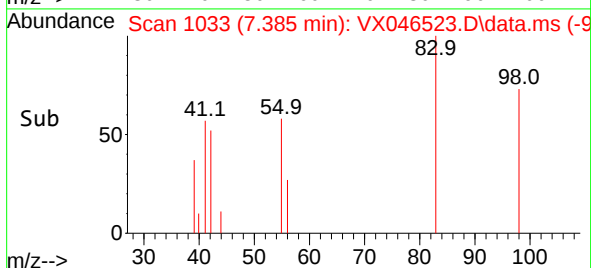
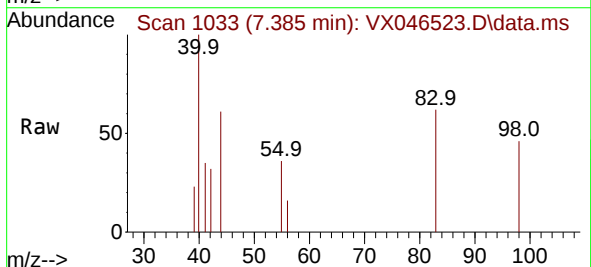


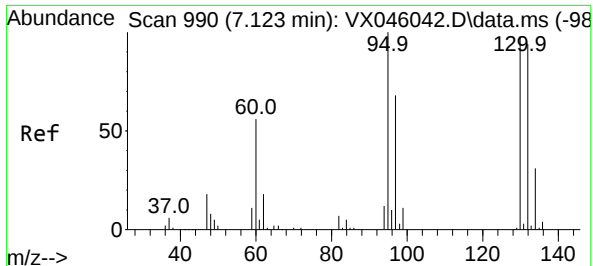
Tgt Ion:117 Resp: 10416
Ion Ratio Lower Upper
117 100
119 4.6 75.2 112.8#
121 0.0 24.2 36.4#



#39
Methylcyclohexane
Concen: 0.243 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.006 min
Lab File: VX046523.D
Acq: 06 Jun 2025 11:47

Tgt Ion: 83 Resp: 507
Ion Ratio Lower Upper
83 100
55 58.1 64.7 97.1#
98 73.4 37.4 56.2#

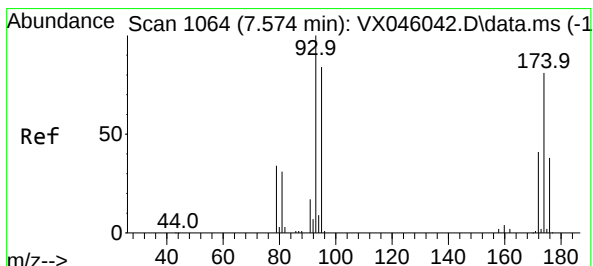
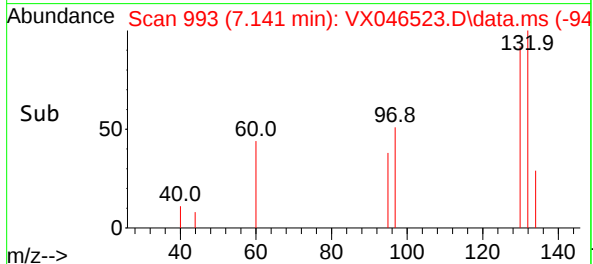
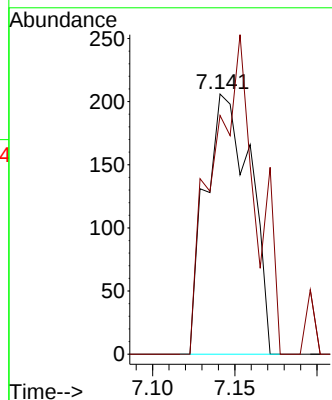
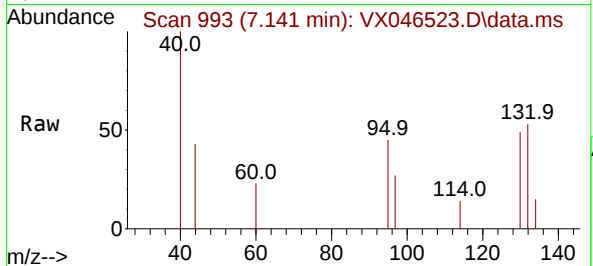




#44
Trichloroethene
Concen: 0.310 ug/l
RT: 7.141 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX046523.D
Acq: 06 Jun 2025 11:47

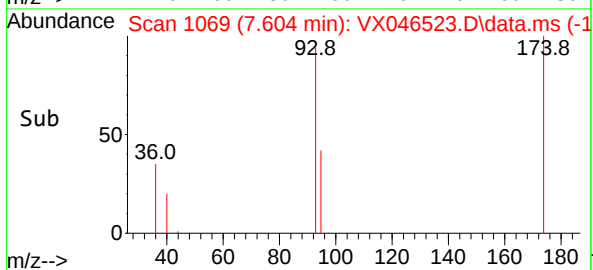
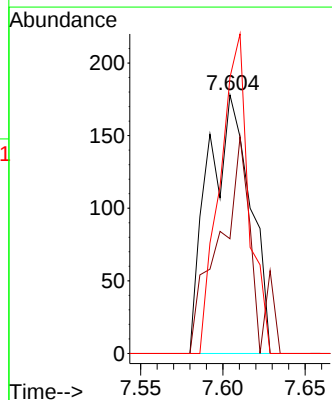
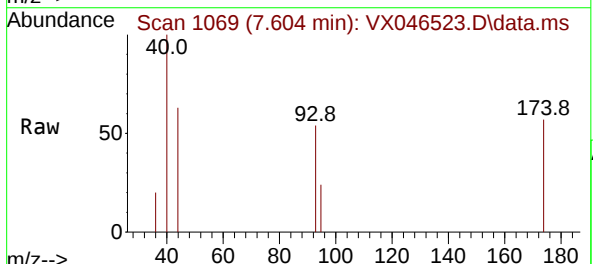
Instrument :
MSVOA_X
ClientSampleId :
IBLK

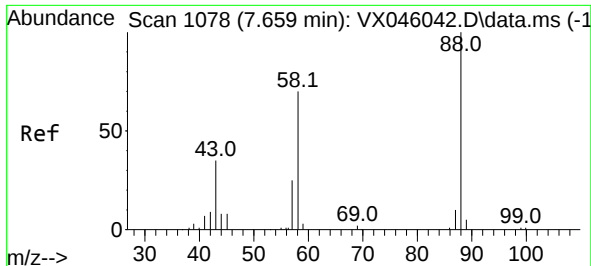
Tgt Ion:130 Resp: 393
Ion Ratio Lower Upper
130 100
95 91.7 0.0 204.2



#46
Dibromomethane
Concen: 0.327 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. 0.018 min
Lab File: VX046523.D
Acq: 06 Jun 2025 11:47

Tgt Ion: 93 Resp: 316
Ion Ratio Lower Upper
93 100
95 65.8 65.6 98.4
174 85.1 68.2 102.2

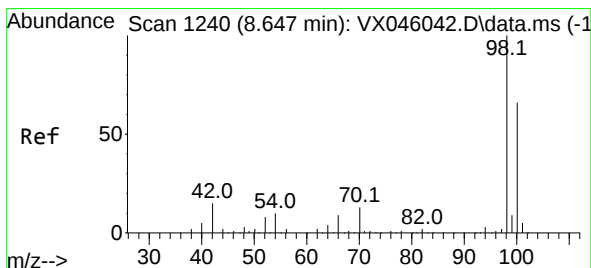
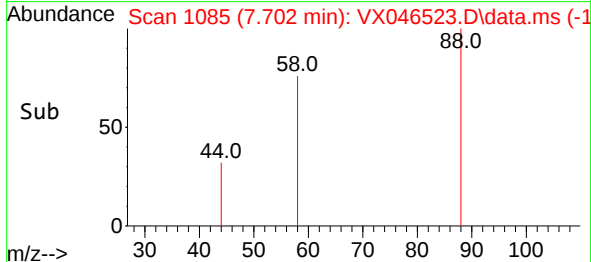
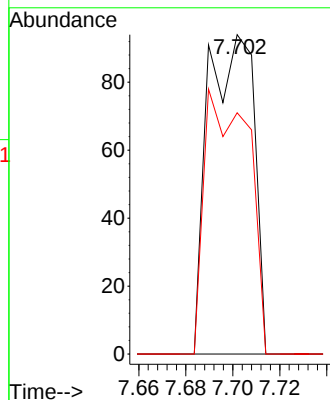
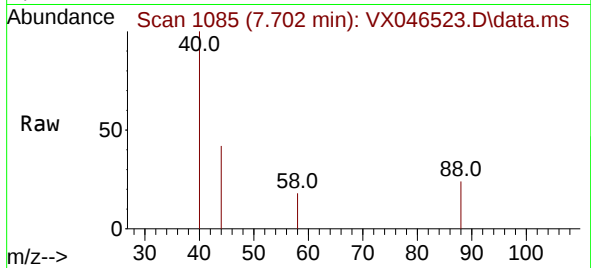




#49
1,4-Dioxane
Concen: 6.130 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.031 min
Lab File: VX046523.D
Acq: 06 Jun 2025 11:47

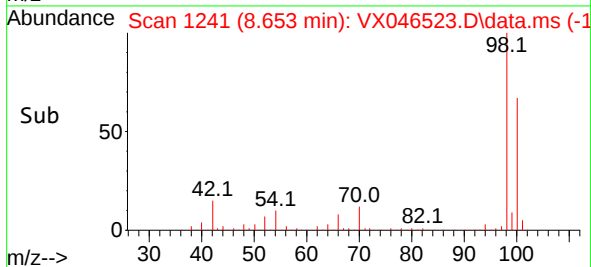
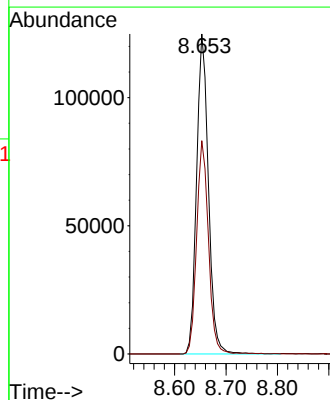
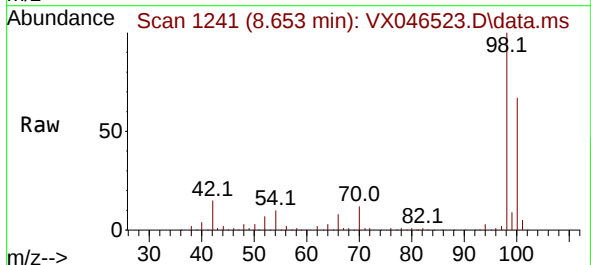
Instrument :
MSVOA_X
ClientSampleId :
IBLK

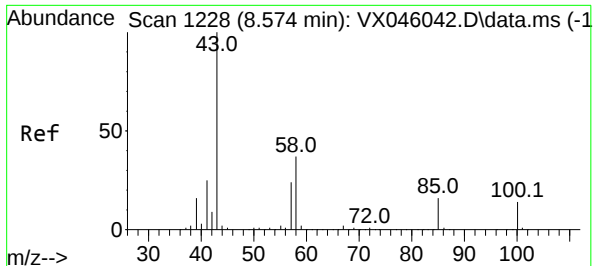
Tgt Ion: 88 Resp: 127
Ion Ratio Lower Upper
88 100
43 0.0 33.4 50.2#
58 80.3 58.6 88.0



#50
Toluene-d8
Concen: 48.818 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX046523.D
Acq: 06 Jun 2025 11:47

Tgt Ion: 98 Resp: 199387
Ion Ratio Lower Upper
98 100
100 66.6 53.5 80.3

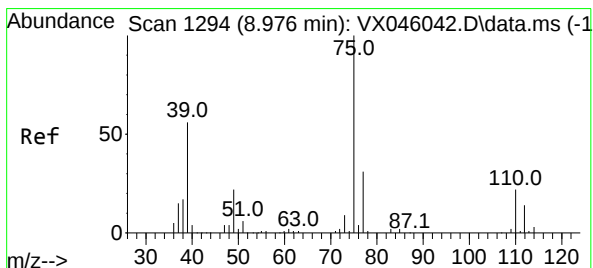
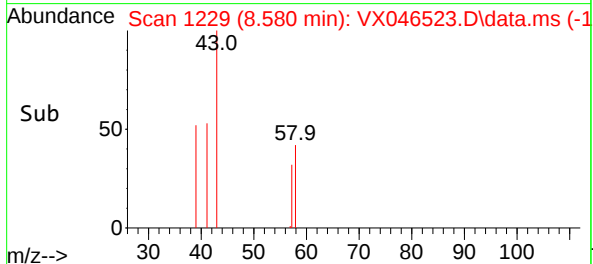
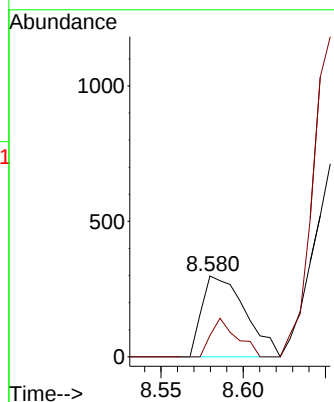
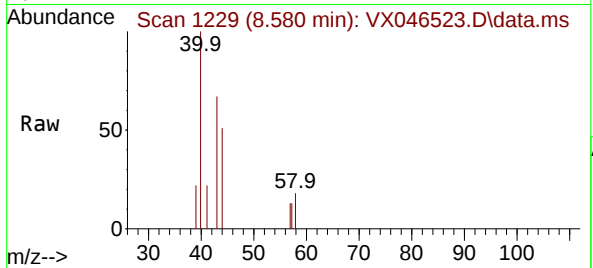




#51
4-Methyl-2-Pentanone
Concen: 0.285 ug/l
RT: 8.580 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VX046523.D
Acq: 06 Jun 2025 11:47

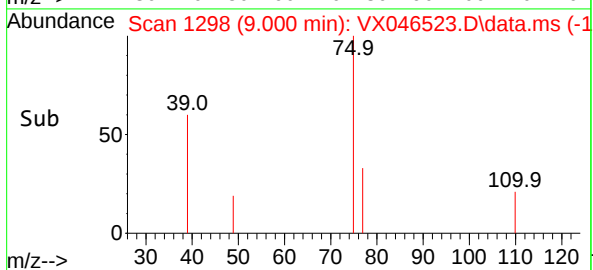
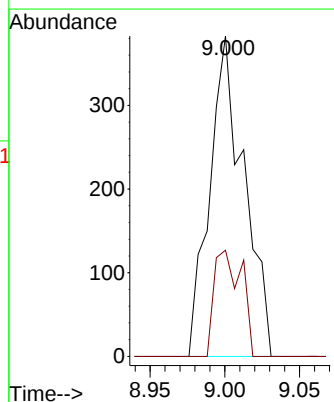
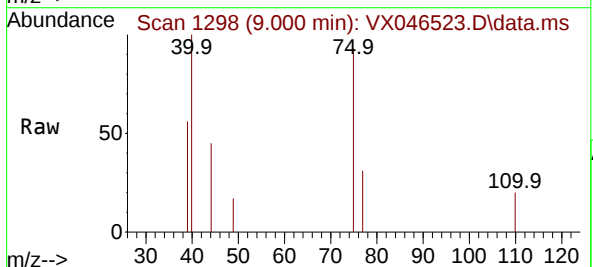
Instrument :
MSVOA_X
ClientSampleId :
IBLK

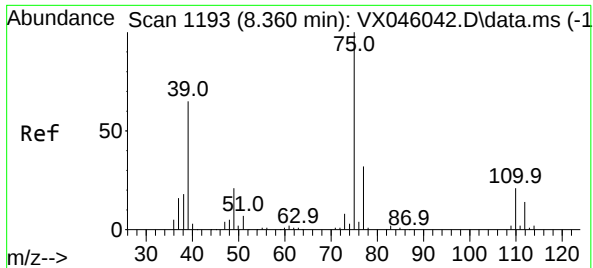
Tgt Ion: 43 Resp: 545
Ion Ratio Lower Upper
43 100
58 28.6 28.9 43.3#



#53
t-1,3-Dichloropropene
Concen: 0.343 ug/l
RT: 9.000 min Scan# 1298
Delta R.T. 0.018 min
Lab File: VX046523.D
Acq: 06 Jun 2025 11:47

Tgt Ion: 75 Resp: 611
Ion Ratio Lower Upper
75 100
77 33.2 25.0 37.6

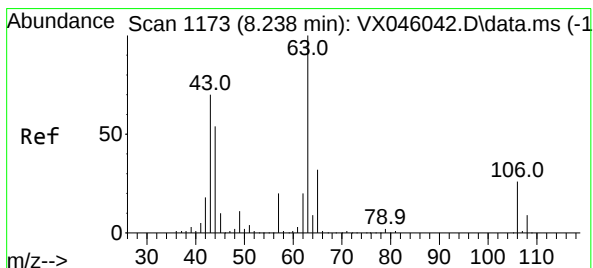
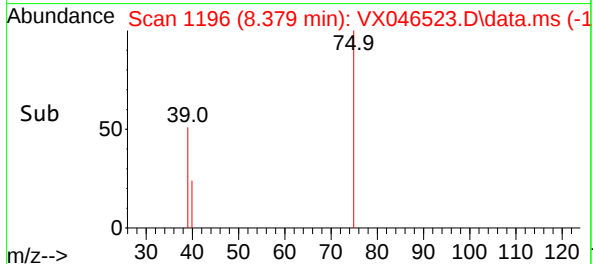
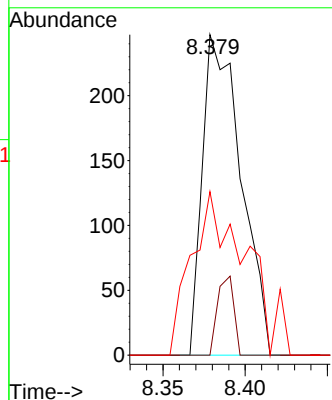
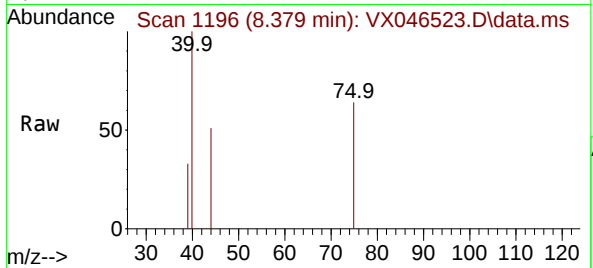




#54
 cis-1,3-Dichloropropene
 Concen: 0.204 ug/l
 RT: 8.379 min Scan# 1196
 Delta R.T. 0.006 min
 Lab File: VX046523.D
 Acq: 06 Jun 2025 11:47

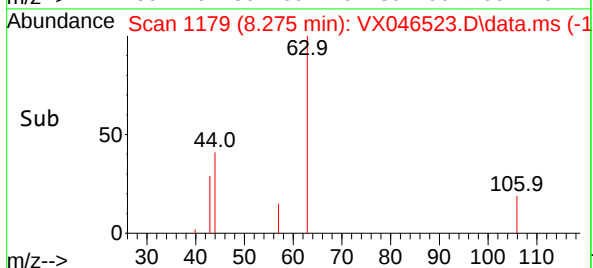
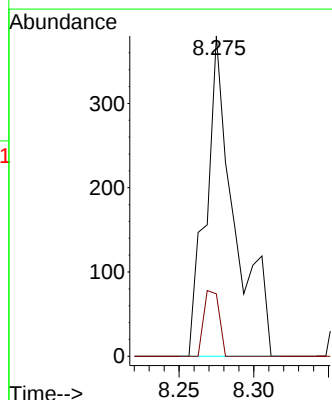
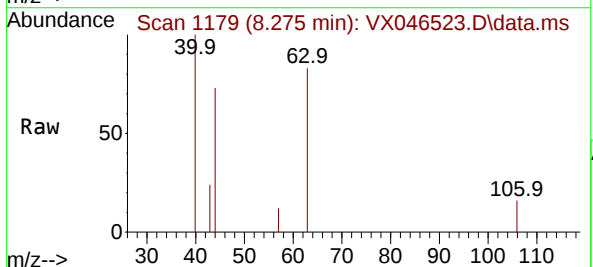
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

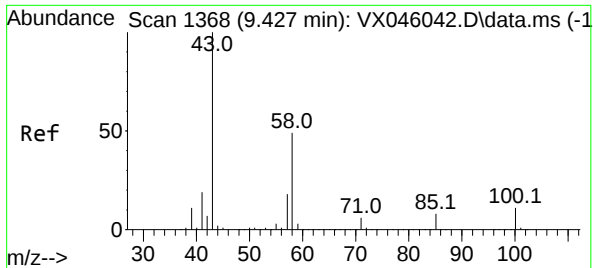
Tgt Ion: 75 Resp: 404
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.4 38.0#
 39 30.4 52.2 78.4#



#58
 2-Chloroethyl Vinyl ether
 Concen: 0.486 ug/l
 RT: 8.275 min Scan# 1179
 Delta R.T. 0.031 min
 Lab File: VX046523.D
 Acq: 06 Jun 2025 11:47

Tgt Ion: 63 Resp: 501
 Ion Ratio Lower Upper
 63 100
 106 11.2 21.5 32.3#





#59

2-Hexanone

Concen: 0.309 ug/l

RT: 9.458 min Scan# 11

Delta R.T. 0.025 min

Lab File: VX046523.D

Acq: 06 Jun 2025 11:47

Instrument :

MSVOA_X

ClientSampleId :

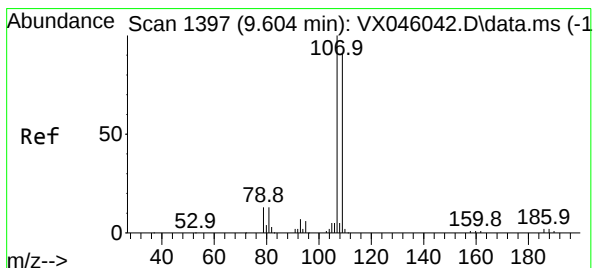
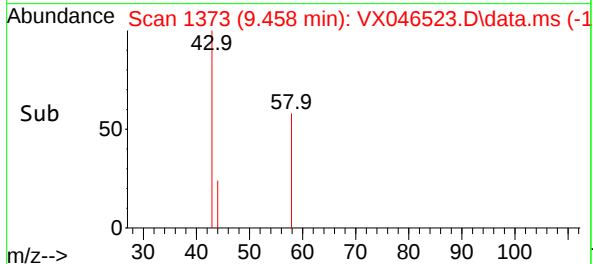
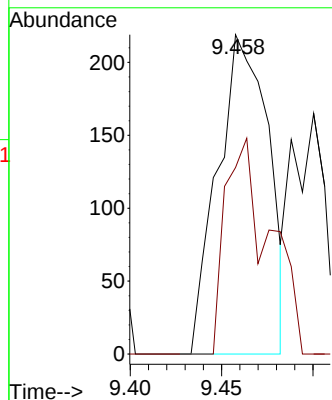
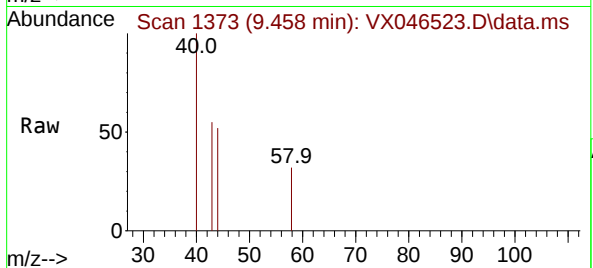
IBLK

Tgt Ion: 43 Resp: 424

Ion Ratio Lower Upper

43 100

58 58.7 24.9 74.6



#61

1,2-Dibromoethane

Concen: 0.234 ug/l

RT: 9.622 min Scan# 1400

Delta R.T. 0.012 min

Lab File: VX046523.D

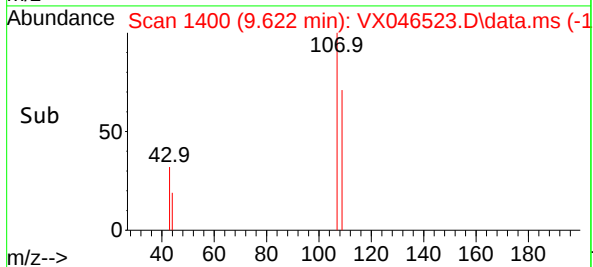
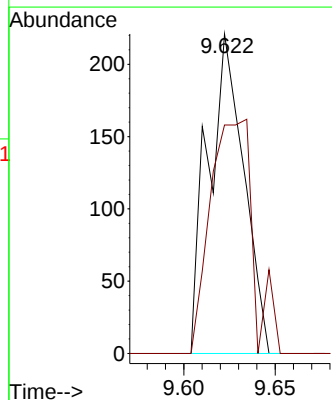
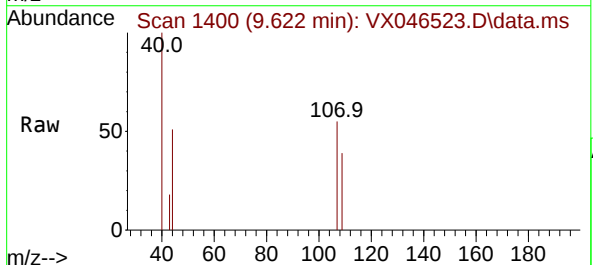
Acq: 06 Jun 2025 11:47

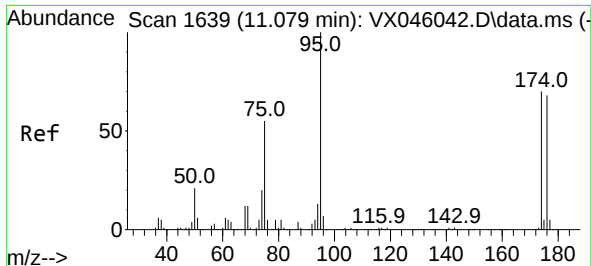
Tgt Ion: 107 Resp: 300

Ion Ratio Lower Upper

107 100

109 87.7 73.3 109.9

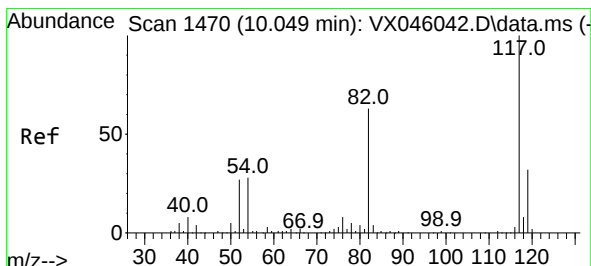
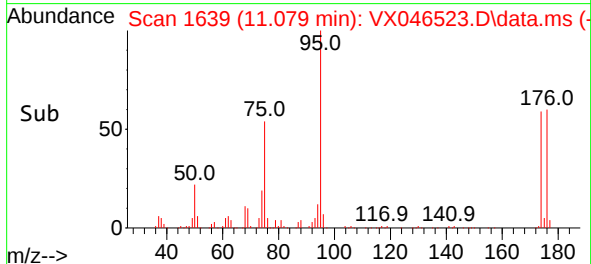
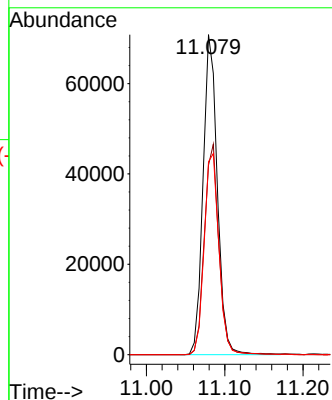
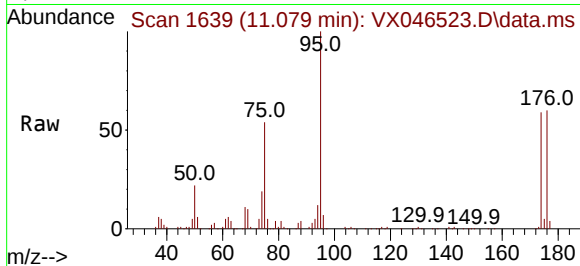




#62
4-Bromofluorobenzene
Concen: 53.111 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046523.D
Acq: 06 Jun 2025 11:47

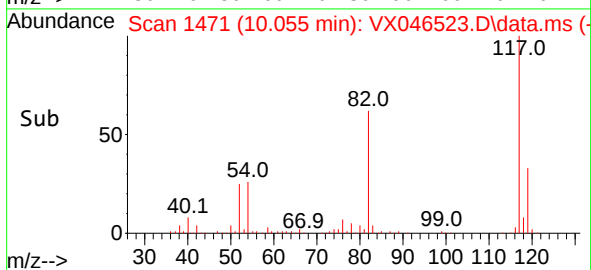
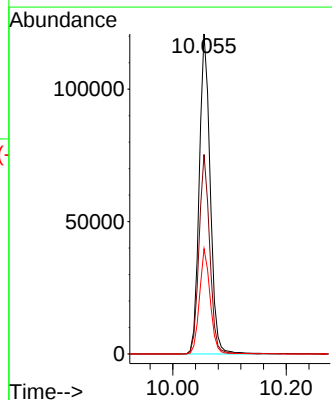
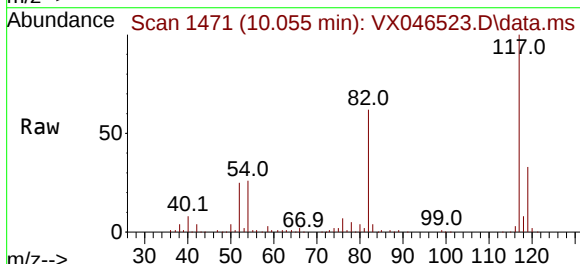
Instrument :
MSVOA_X
ClientSampleId :
IBLK

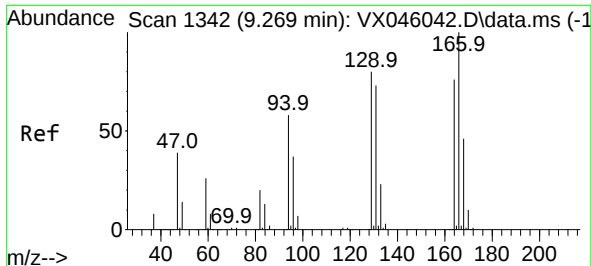
Tgt Ion: 95 Resp: 89749
Ion Ratio Lower Upper
95 100
174 66.6 0.0 135.8
176 65.4 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX046523.D
Acq: 06 Jun 2025 11:47

Tgt Ion: 117 Resp: 161827
Ion Ratio Lower Upper
117 100
82 62.3 50.6 76.0
119 32.9 25.8 38.6

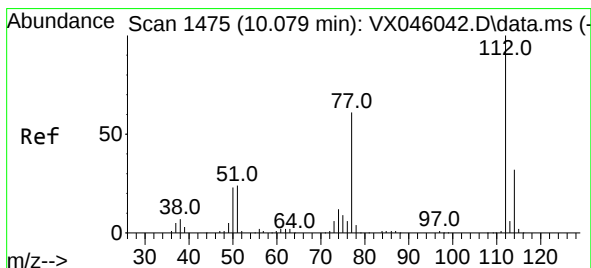
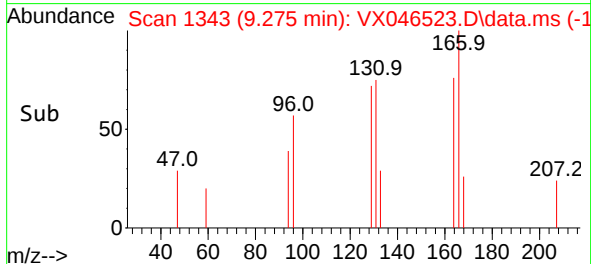
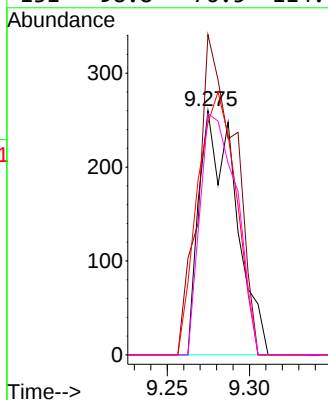
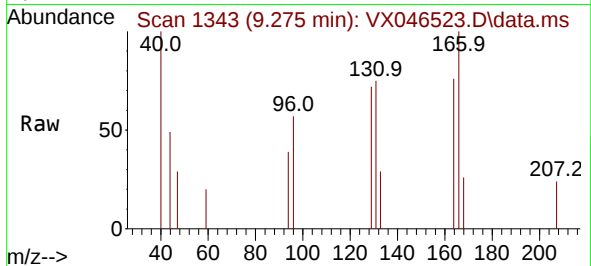




#64
Tetrachloroethene
Concen: 0.374 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046523.D
Acq: 06 Jun 2025 11:47

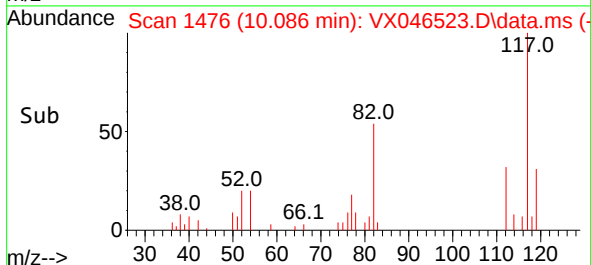
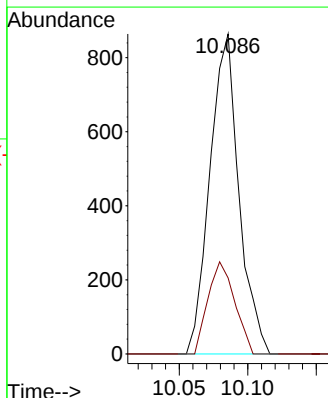
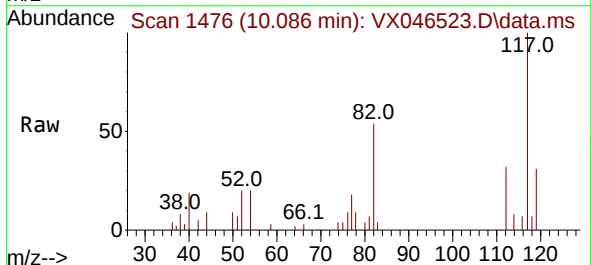
Instrument :
MSVOA_X
ClientSampleId :
IBLK

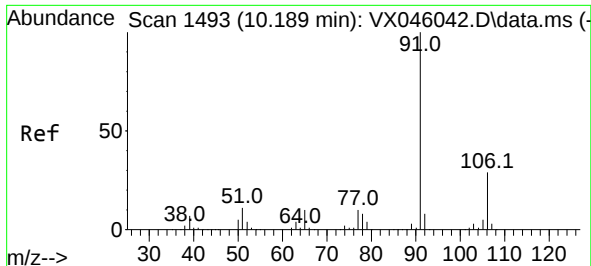
Tgt Ion:164	Resp:	405	
Ion	Ratio	Lower	Upper
164	100		
166	131.2	105.0	157.6
129	95.0	83.5	125.3
131	98.8	76.5	114.7



#65
Chlorobenzene
Concen: 0.334 ug/l
RT: 10.086 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VX046523.D
Acq: 06 Jun 2025 11:47

Tgt Ion:112	Resp:	1272	
Ion	Ratio	Lower	Upper
112	100		
114	23.7	25.4	38.2#





#67

Ethyl Benzene

Concen: 0.239 ug/l

RT: 10.201 min Scan# 1495

Delta R.T. 0.006 min

Lab File: VX046523.D

Acq: 06 Jun 2025 11:47

Instrument :

MSVOA_X

ClientSampleId :

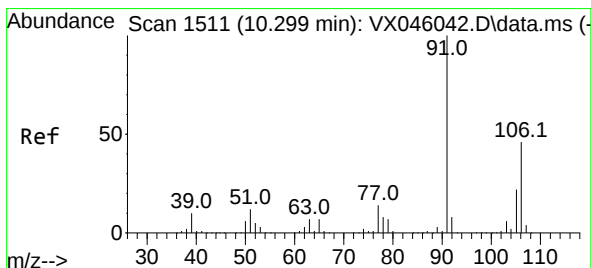
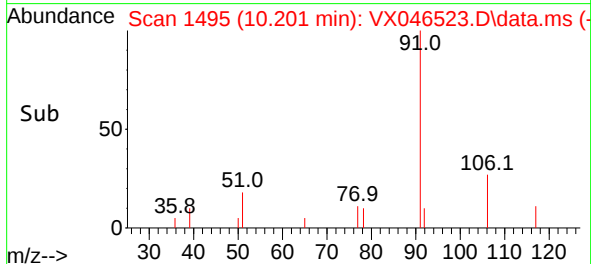
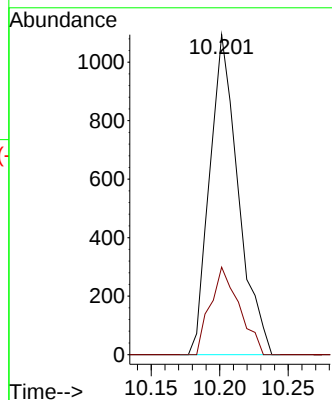
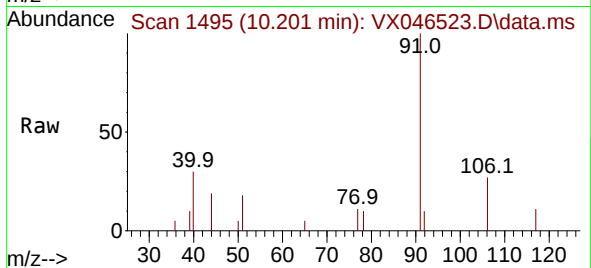
IBLK

Tgt Ion: 91 Resp: 1588

Ion Ratio Lower Upper

91 100

106 27.3 23.4 35.2



#68

m/p-Xylenes

Concen: 0.529 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX046523.D

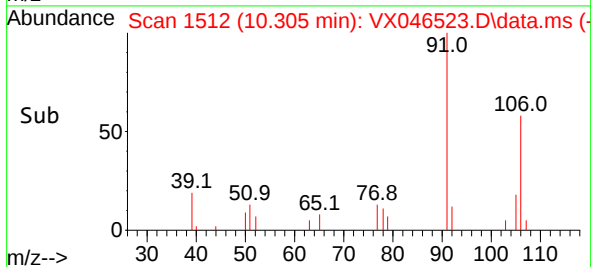
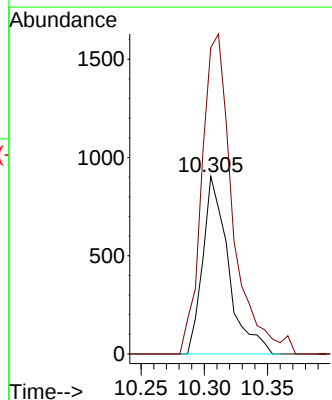
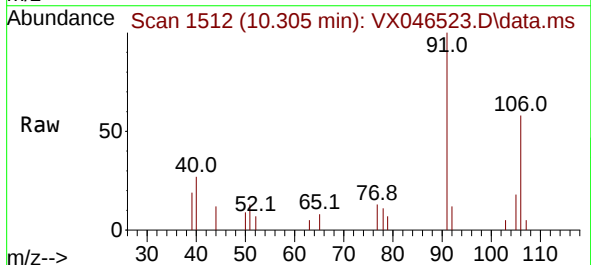
Acq: 06 Jun 2025 11:47

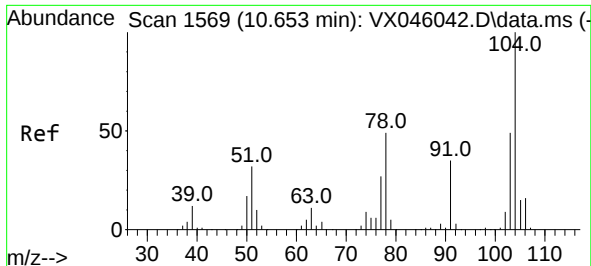
Tgt Ion: 106 Resp: 1276

Ion Ratio Lower Upper

106 100

91 217.7 171.2 256.8

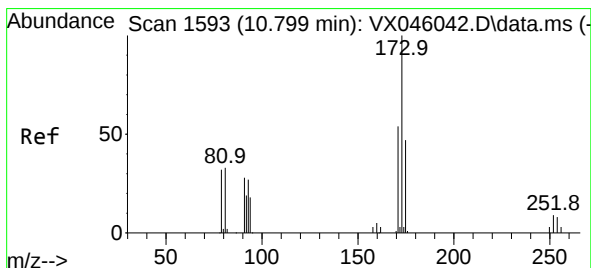
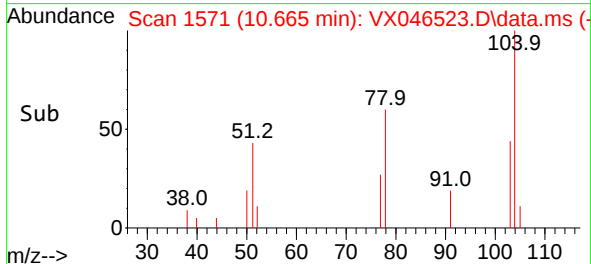
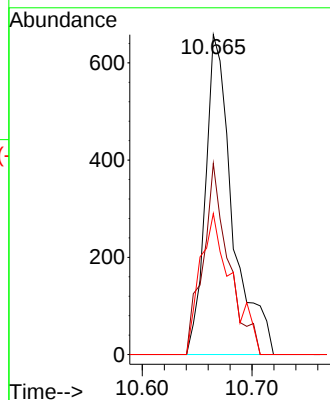
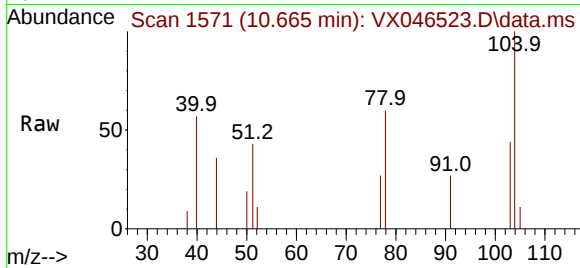




#70
Styrene
Concen: 0.283 ug/l
RT: 10.665 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046523.D
Acq: 06 Jun 2025 11:47

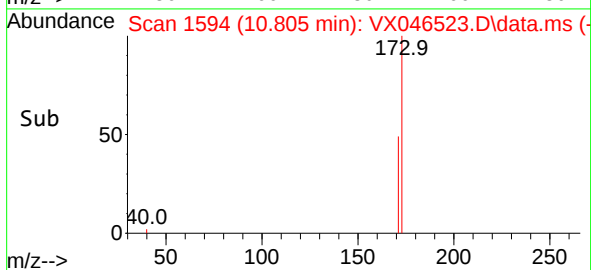
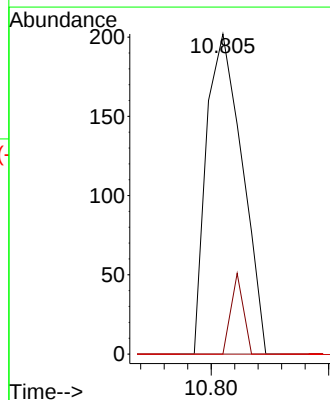
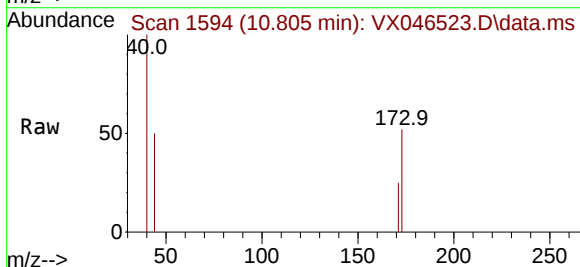
Instrument :
MSVOA_X
ClientSampleId :
IBLK

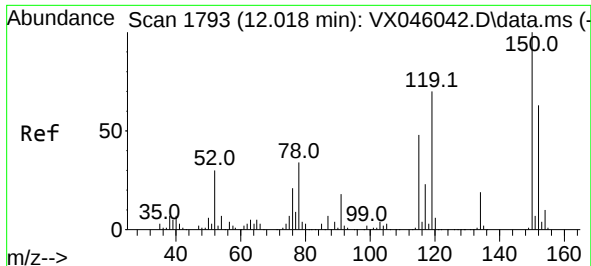
Tgt Ion:104 Resp: 1130
Ion Ratio Lower Upper
104 100
78 56.1 45.7 68.5
103 50.9 43.7 65.5



#71
Bromoform
Concen: 0.218 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX046523.D
Acq: 06 Jun 2025 11:47

Tgt Ion:173 Resp: 214
Ion Ratio Lower Upper
173 100
175 0.0 23.4 70.0#
254 0.0 0.0 0.0

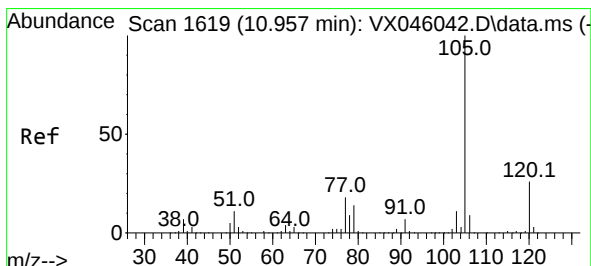
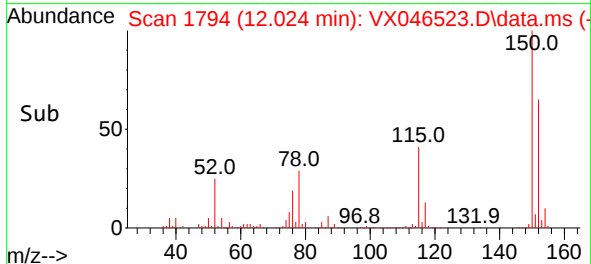
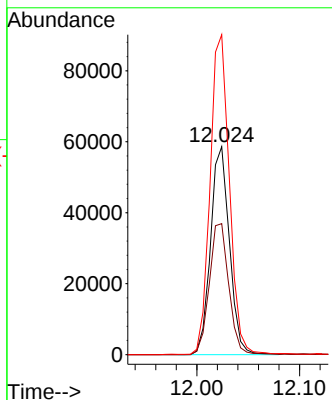
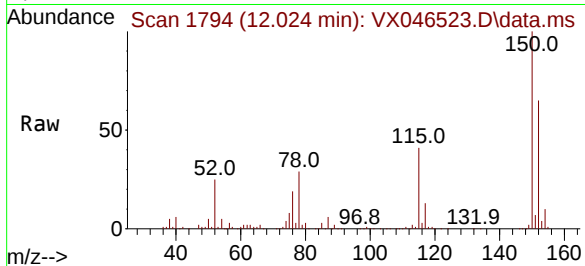




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX046523.D
 Acq: 06 Jun 2025 11:47

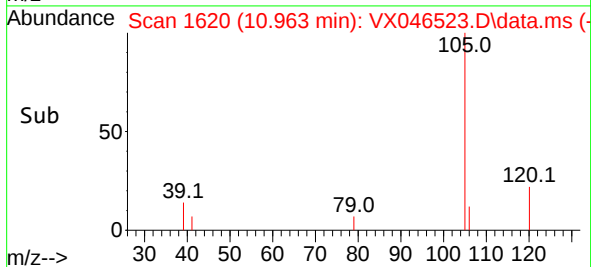
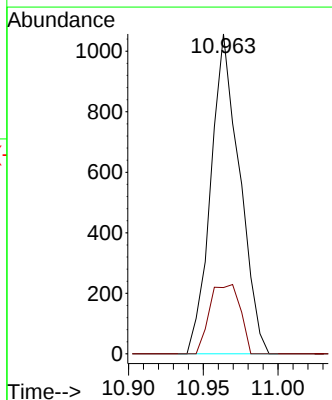
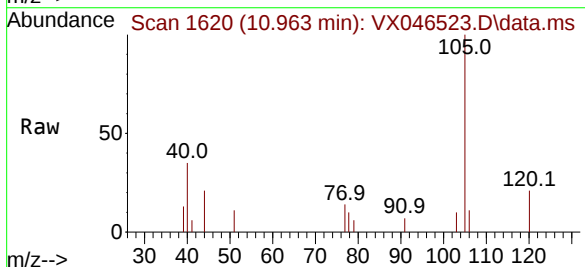
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

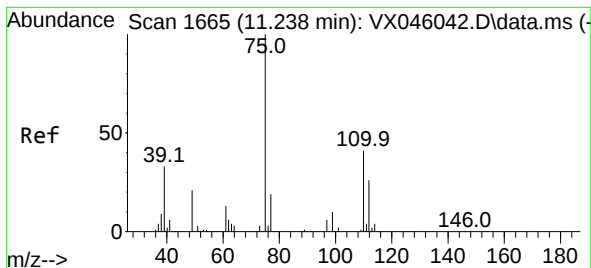
Tgt Ion:152 Resp: 74654
 Ion Ratio Lower Upper
 152 100
 115 65.5 46.9 140.7
 150 156.8 0.0 351.0



#73
 Isopropylbenzene
 Concen: 0.241 ug/l
 RT: 10.963 min Scan# 1620
 Delta R.T. 0.000 min
 Lab File: VX046523.D
 Acq: 06 Jun 2025 11:47

Tgt Ion:105 Resp: 1416
 Ion Ratio Lower Upper
 105 100
 120 23.0 12.8 38.4





#76

1,2,3-Trichloropropane

Concen: 30.846 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.158 min

Lab File: VX046523.D

Acq: 06 Jun 2025 11:47

Instrument :

MSVOA_X

ClientSampleId :

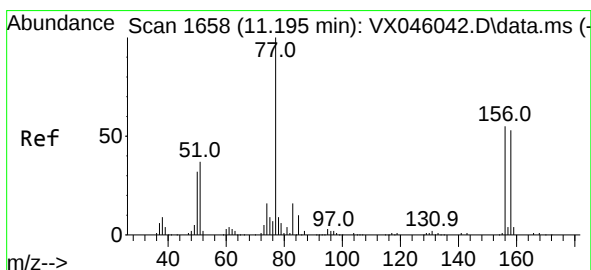
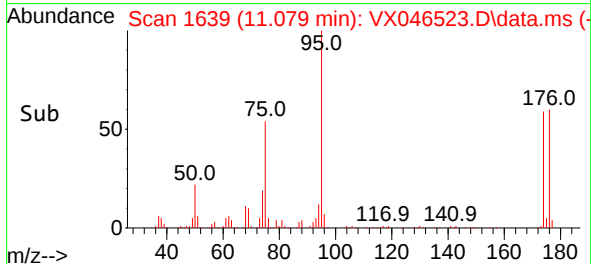
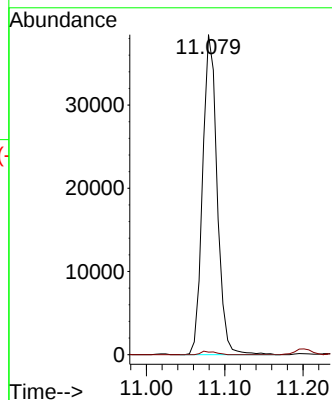
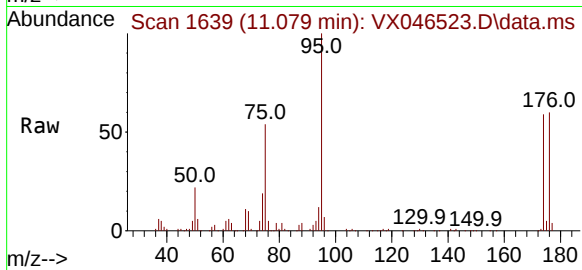
IBLK

Tgt Ion: 75 Resp: 49585

Ion Ratio Lower Upper

75 100

77 1.1 20.5 61.5#



#77

Bromobenzene

Concen: 0.403 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX046523.D

Acq: 06 Jun 2025 11:47

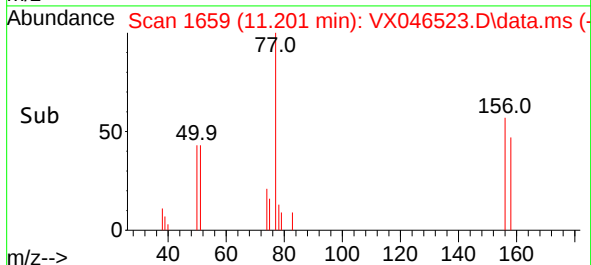
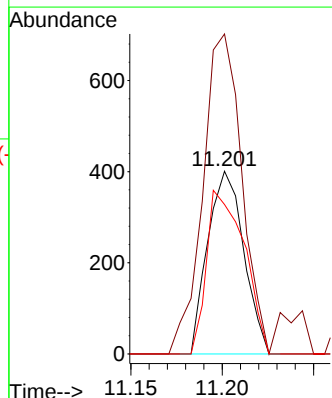
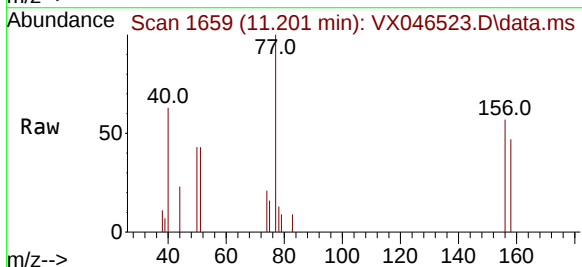
Tgt Ion: 156 Resp: 549

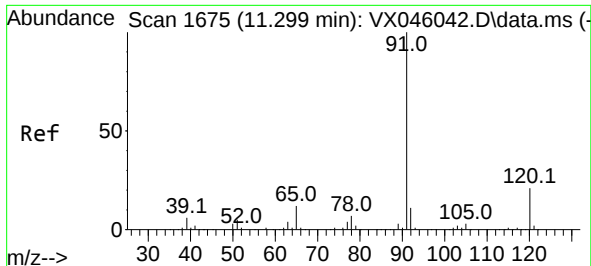
Ion Ratio Lower Upper

156 100

77 189.4 92.8 278.3

158 93.6 48.8 146.3

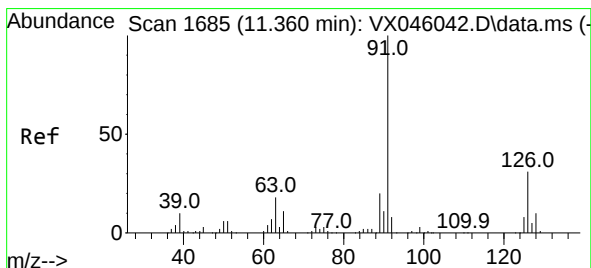
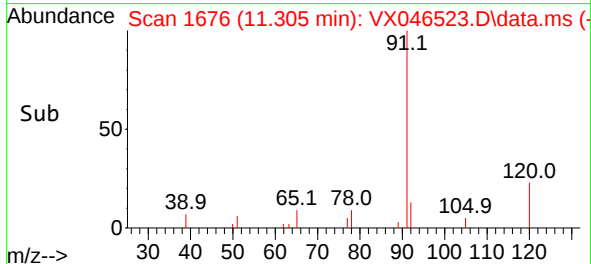
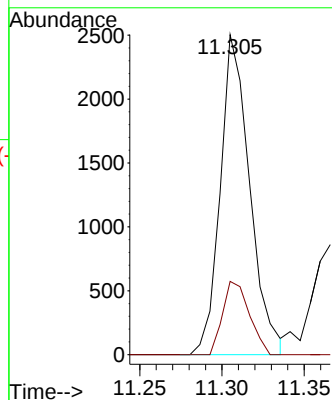
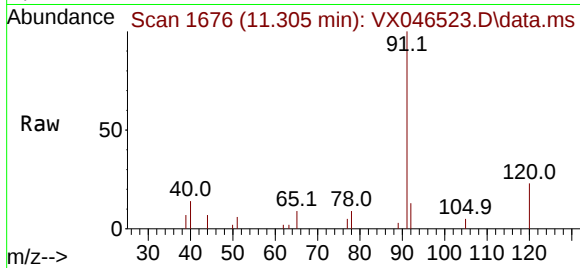




#78
n-propylbenzene
Concen: 0.439 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX046523.D
Acq: 06 Jun 2025 11:47

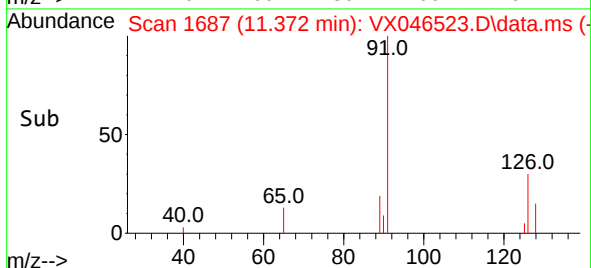
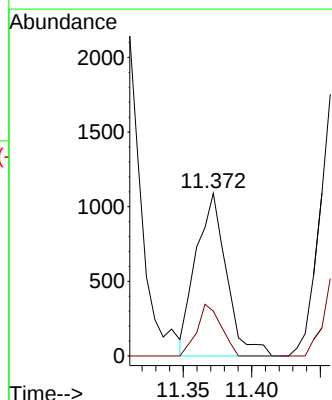
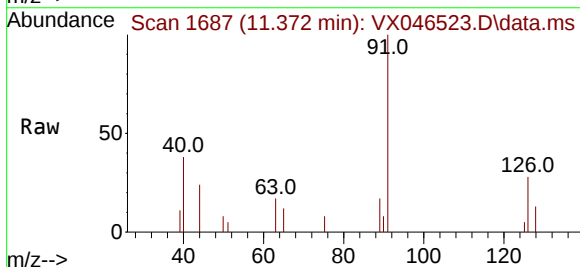
Instrument :
MSVOA_X
ClientSampleId :
IBLK

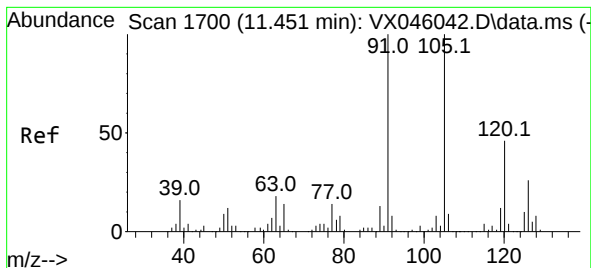
Tgt Ion: 91 Resp: 3121
Ion Ratio Lower Upper
91 100
120 20.7 10.8 32.4



#79
2-Chlorotoluene
Concen: 0.394 ug/l
RT: 11.372 min Scan# 1687
Delta R.T. 0.006 min
Lab File: VX046523.D
Acq: 06 Jun 2025 11:47

Tgt Ion: 91 Resp: 1686
Ion Ratio Lower Upper
91 100
126 25.2 15.6 46.7





#80

1,3,5-Trimethylbenzene

Concen: 0.326 ug/l

RT: 11.457 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX046523.D

Acq: 06 Jun 2025 11:47

Instrument :

MSVOA_X

ClientSampleId :

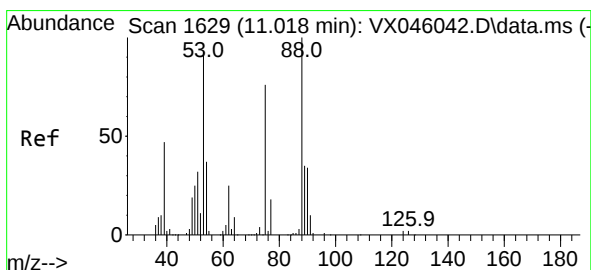
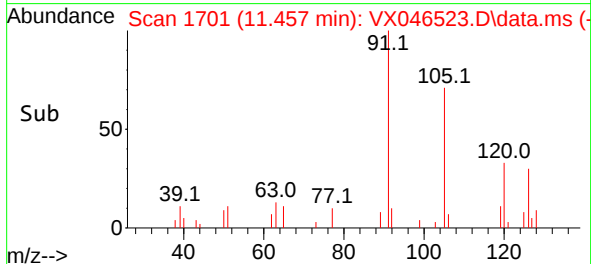
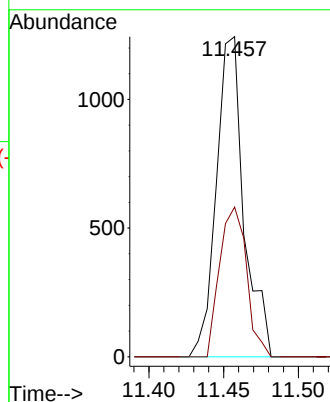
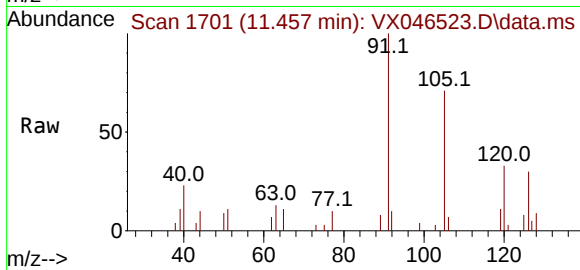
IBLK

Tgt Ion:105 Resp: 1596

Ion Ratio Lower Upper

105 100

120 45.7 23.1 69.2



#81

trans-1,4-Dichloro-2-butene

Concen: 90.455 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX046523.D

Acq: 06 Jun 2025 11:47

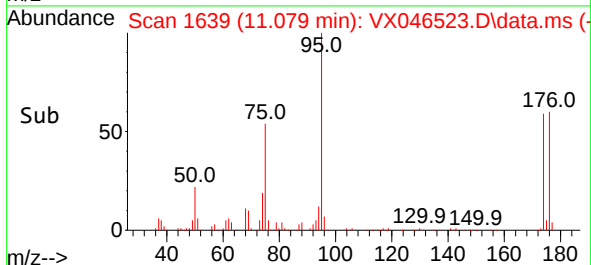
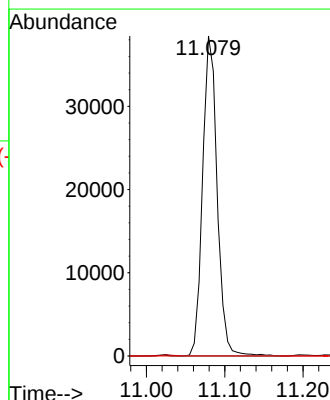
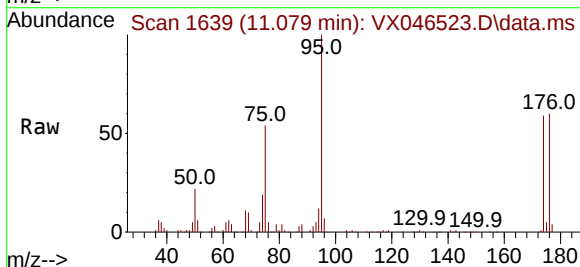
Tgt Ion: 75 Resp: 49585

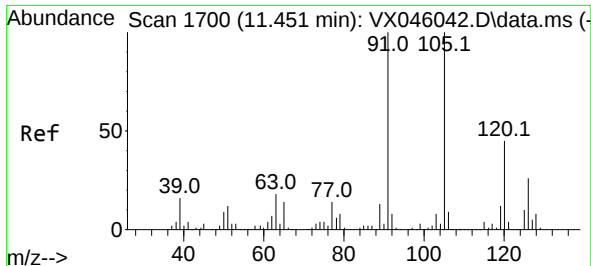
Ion Ratio Lower Upper

75 100

53 0.0 100.5 150.7#

89 0.0 37.0 55.6#

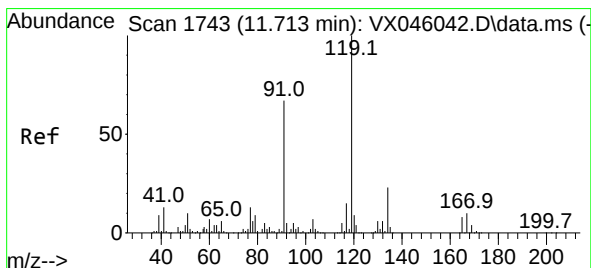
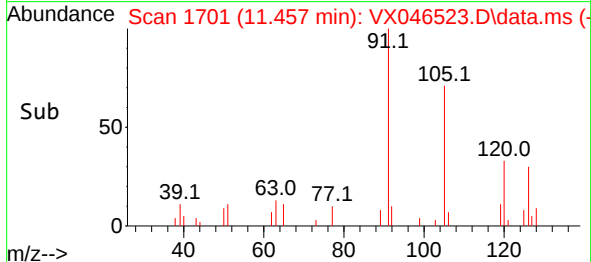
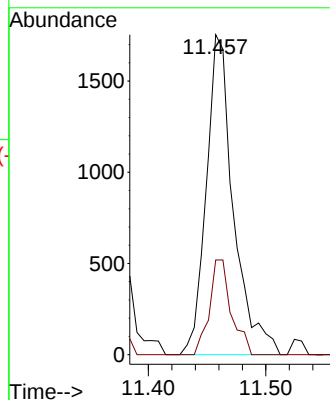
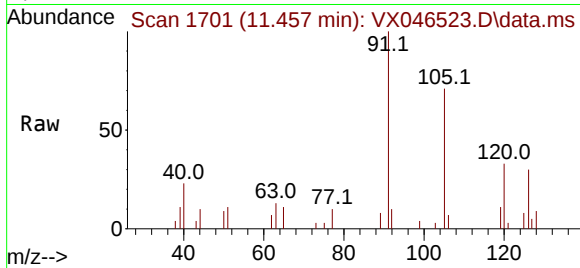




#82
4-Chlorotoluene
Concen: 0.554 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX046523.D
Acq: 06 Jun 2025 11:47

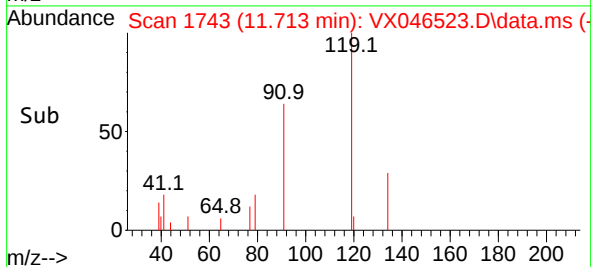
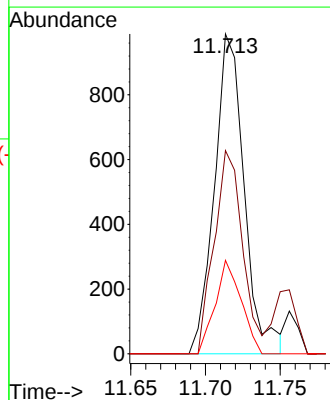
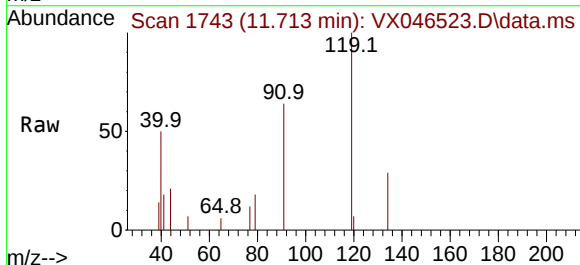
Instrument :
MSVOA_X
ClientSampleId :
IBLK

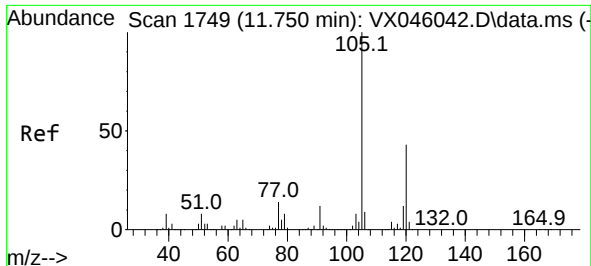
Tgt Ion: 91 Resp: 2815
Ion Ratio Lower Upper
91 100
126 23.8 13.3 39.8



#83
tert-Butylbenzene
Concen: 0.275 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX046523.D
Acq: 06 Jun 2025 11:47

Tgt Ion: 119 Resp: 1370
Ion Ratio Lower Upper
119 100
91 60.6 32.9 98.7
134 25.4 11.4 34.1

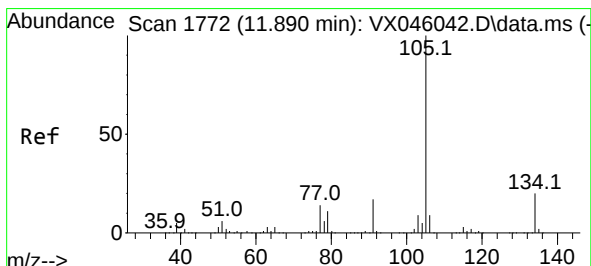
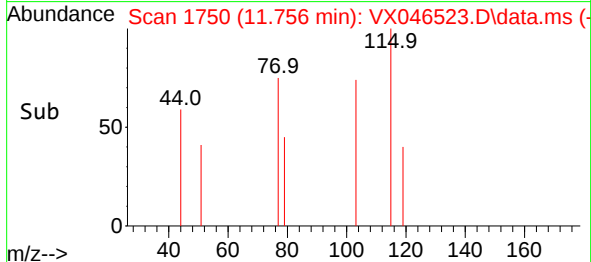
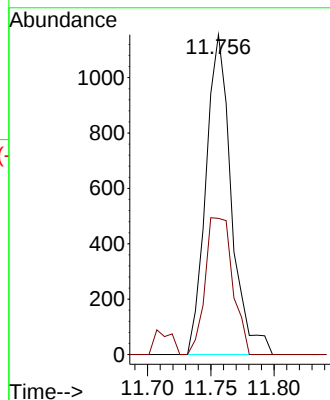
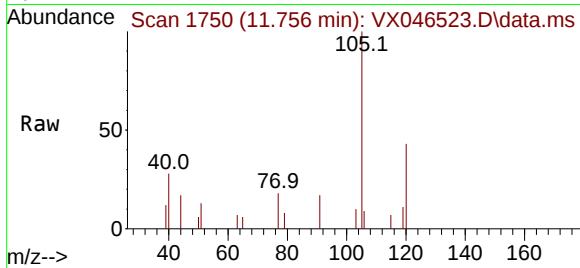




#84
1,2,4-Trimethylbenzene
Concen: 0.326 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX046523.D
Acq: 06 Jun 2025 11:47

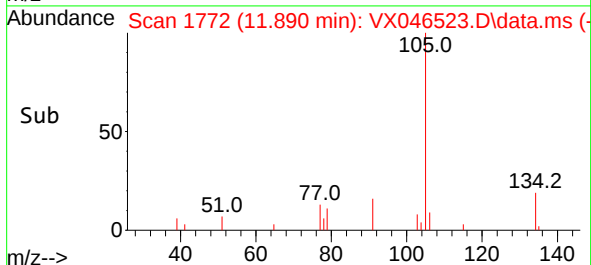
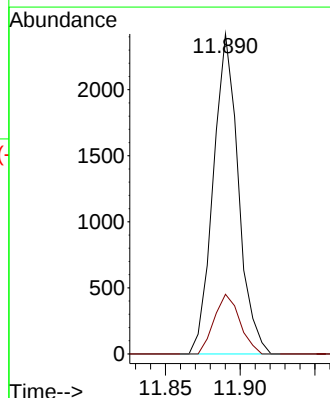
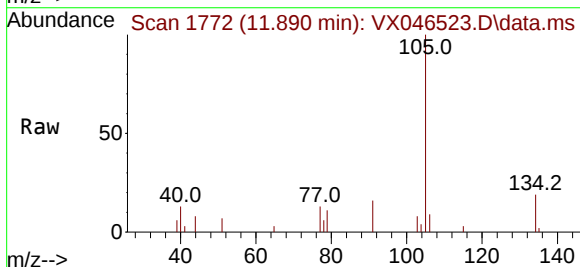
Instrument :
MSVOA_X
ClientSampleId :
IBLK

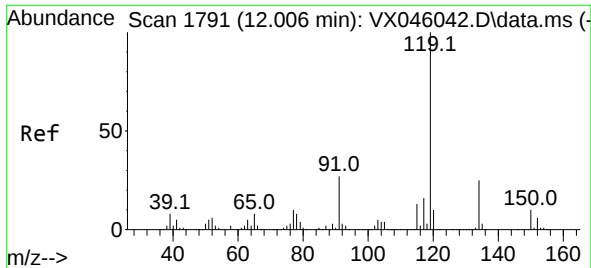
Tgt Ion:105 Resp: 1612
Ion Ratio Lower Upper
105 100
120 46.3 21.2 63.6



#85
sec-Butylbenzene
Concen: 0.442 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX046523.D
Acq: 06 Jun 2025 11:47

Tgt Ion:105 Resp: 2825
Ion Ratio Lower Upper
105 100
134 19.0 9.7 29.1

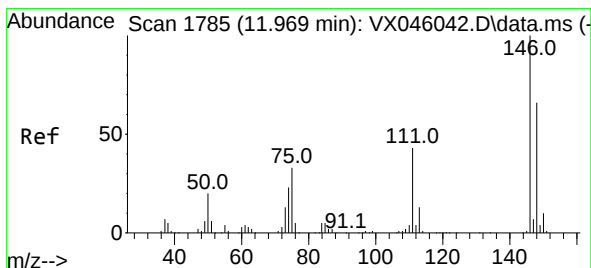
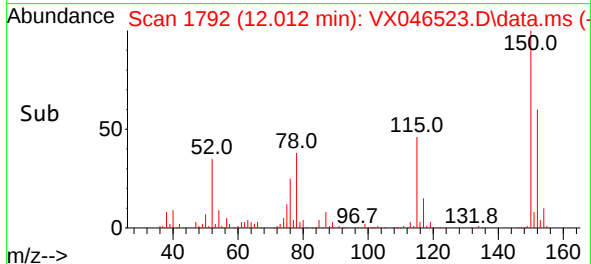
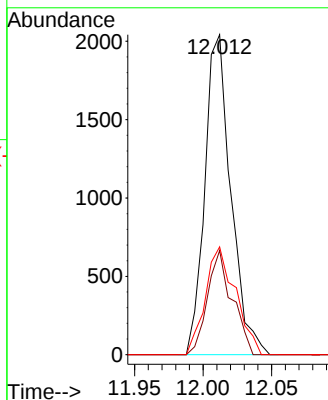
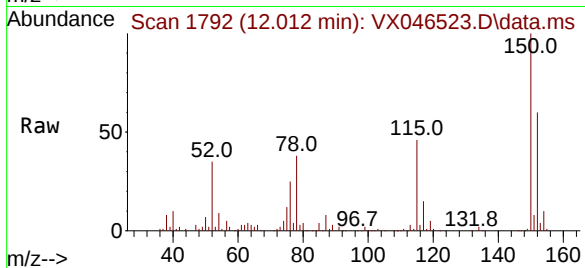




#86
 p-Isopropyltoluene
 Concen: 0.506 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX046523.D
 Acq: 06 Jun 2025 11:47

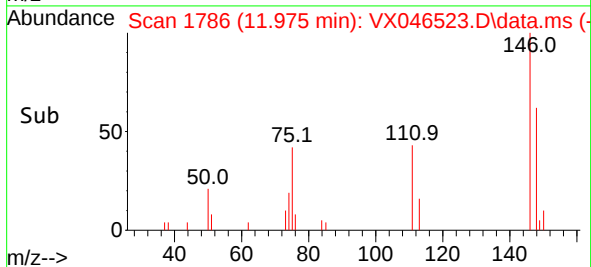
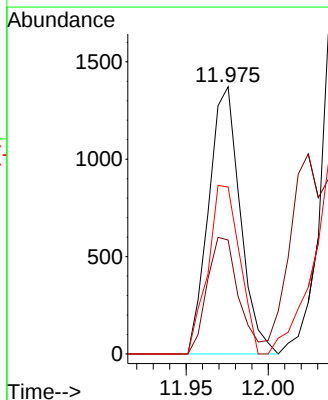
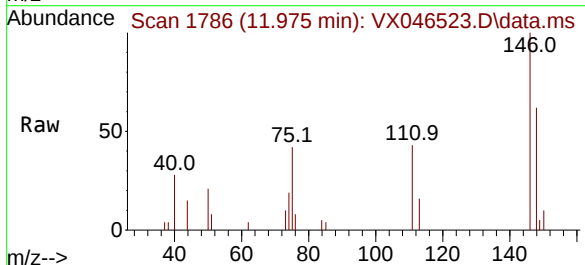
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

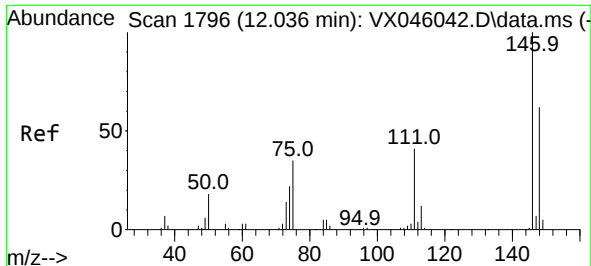
Tgt Ion:119	Resp:	2700
Ion	Ratio	Lower Upper
119	100	
134	30.9	12.5 37.5
91	39.0	13.8 41.4



#87
 1,3-Dichlorobenzene
 Concen: 0.693 ug/l
 RT: 11.975 min Scan# 1786
 Delta R.T. 0.006 min
 Lab File: VX046523.D
 Acq: 06 Jun 2025 11:47

Tgt Ion:146	Resp:	1833
Ion	Ratio	Lower Upper
146	100	
111	43.4	22.1 66.3
148	63.3	32.1 96.5





#88

1,4-Dichlorobenzene

Concen: 0.669 ug/l

RT: 11.975 min Scan# 11

Delta R.T. -0.067 min

Lab File: VX046523.D

Acq: 06 Jun 2025 11:47

Instrument :

MSVOA_X

ClientSampleId :

IBLK

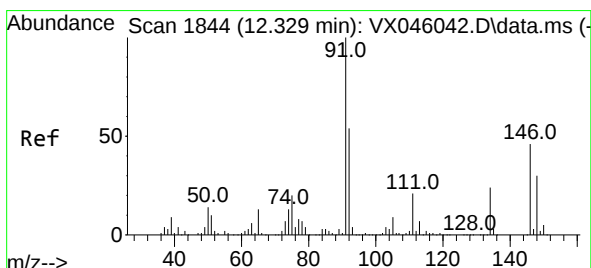
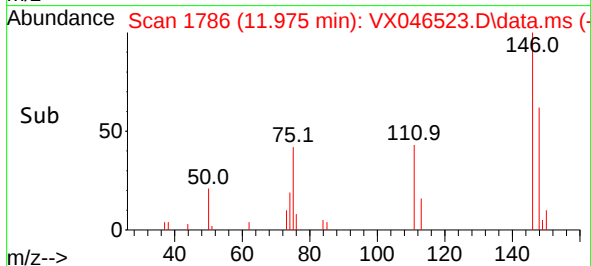
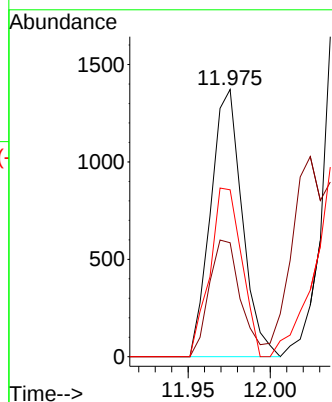
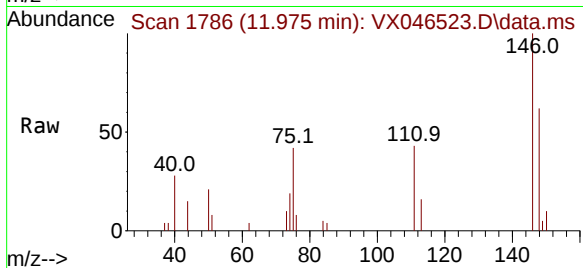
Tgt Ion:146 Resp: 1833

Ion Ratio Lower Upper

146 100

111 43.4 21.3 63.9

148 63.3 31.9 95.5



#89

n-Butylbenzene

Concen: 0.806 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX046523.D

Acq: 06 Jun 2025 11:47

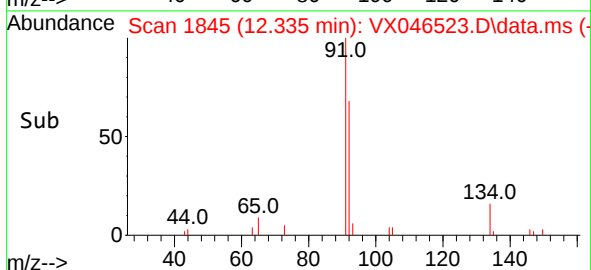
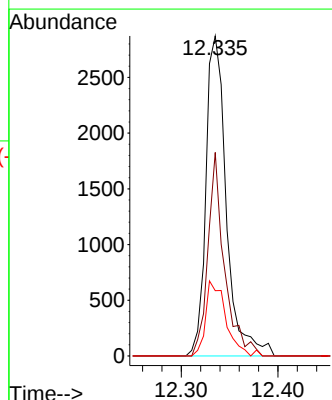
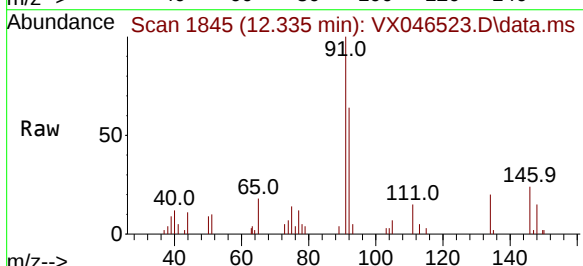
Tgt Ion: 91 Resp: 4223

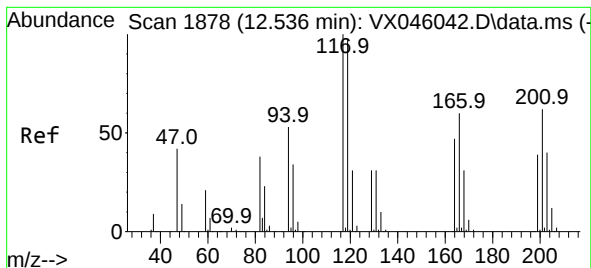
Ion Ratio Lower Upper

91 100

92 51.6 26.9 80.7

134 23.3 11.8 35.3





#90

Hexachloroethane

Concen: 0.370 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX046523.D

Acq: 06 Jun 2025 11:47

Instrument :

MSVOA_X

ClientSampleId :

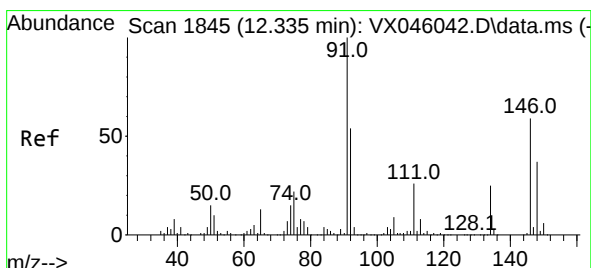
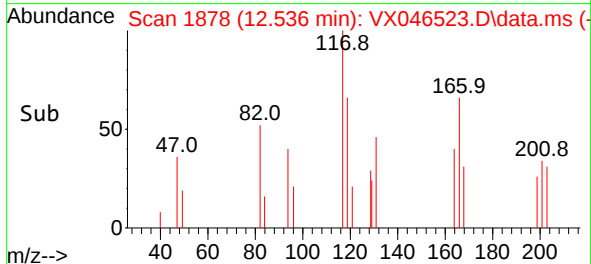
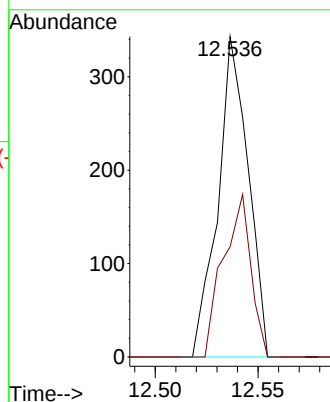
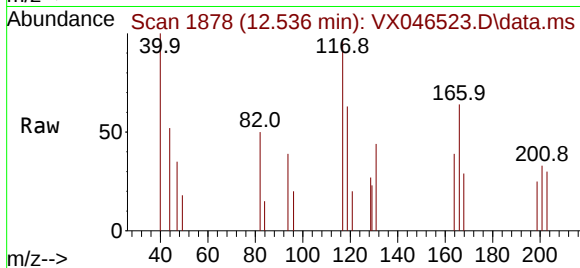
IBLK

Tgt Ion:117 Resp: 351

Ion Ratio Lower Upper

117 100

201 46.4 31.6 94.7



#91

1,2-Dichlorobenzene

Concen: 0.486 ug/l

RT: 12.341 min Scan# 1846

Delta R.T. 0.006 min

Lab File: VX046523.D

Acq: 06 Jun 2025 11:47

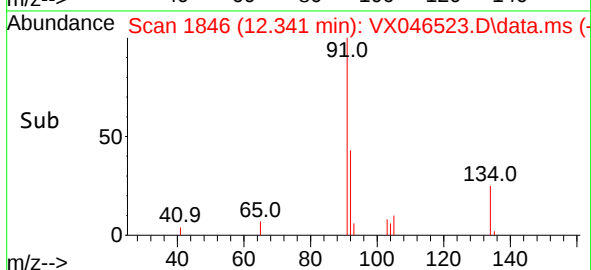
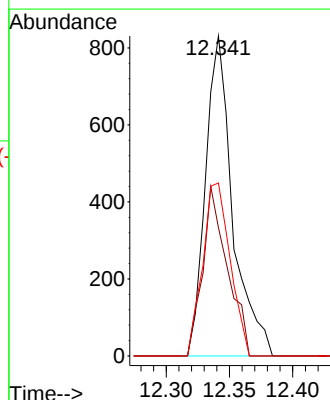
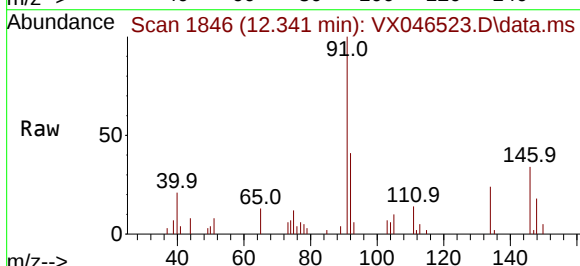
Tgt Ion:146 Resp: 1240

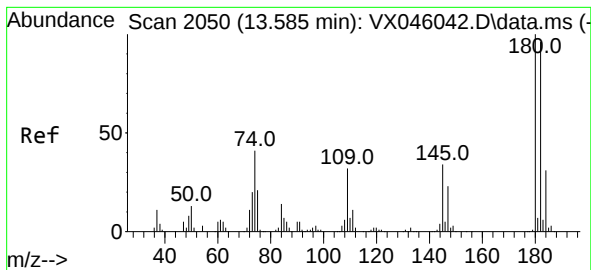
Ion Ratio Lower Upper

146 100

111 48.2 22.4 67.3

148 54.6 31.6 94.8





#93

1,2,4-Trichlorobenzene

Concen: 1.221 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX046523.D

Acq: 06 Jun 2025 11:47

Instrument :

MSVOA_X

ClientSampleId :

IBLK

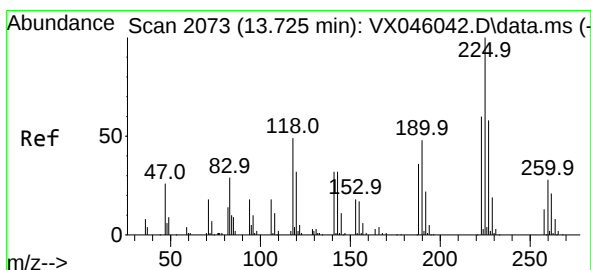
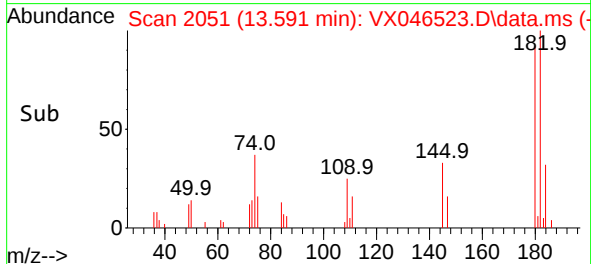
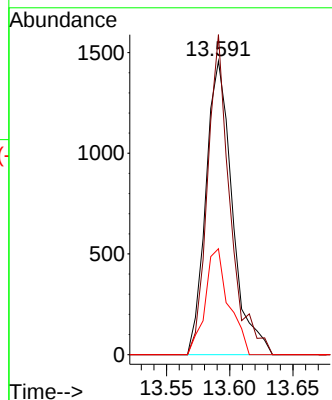
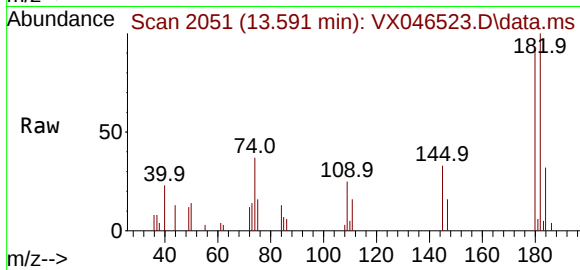
Tgt Ion:180 Resp: 2126

Ion Ratio Lower Upper

180 100

182 92.3 47.9 143.8

145 32.3 17.1 51.2



#94

Hexachlorobutadiene

Concen: 1.135 ug/l

RT: 13.719 min Scan# 2072

Delta R.T. -0.006 min

Lab File: VX046523.D

Acq: 06 Jun 2025 11:47

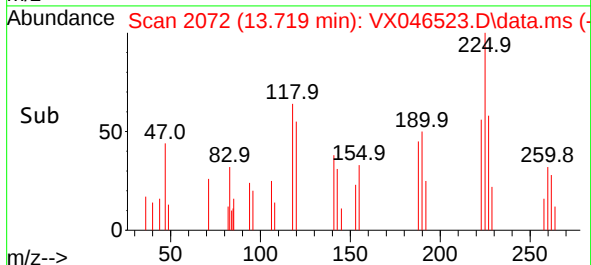
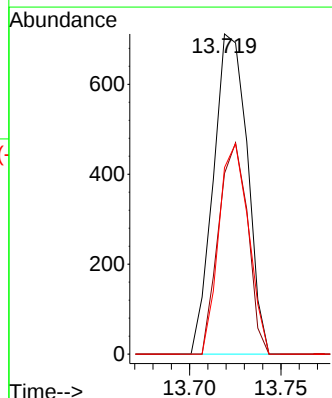
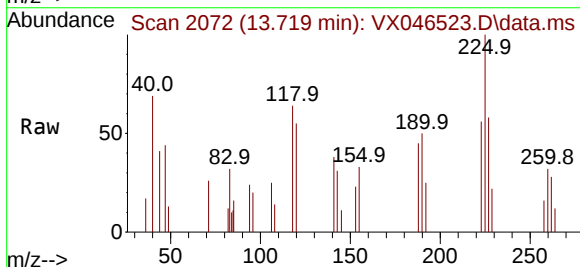
Tgt Ion:225 Resp: 919

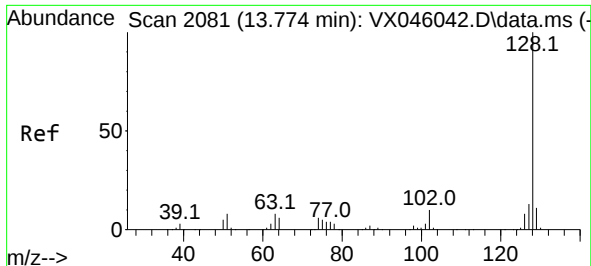
Ion Ratio Lower Upper

225 100

223 56.7 30.8 92.4

227 57.7 30.9 92.7

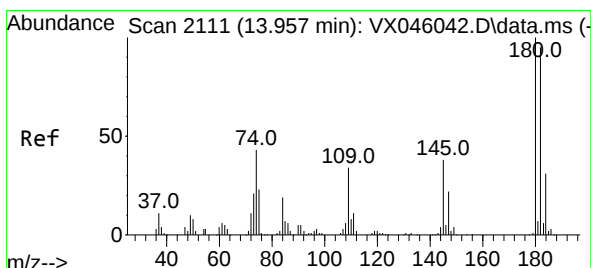
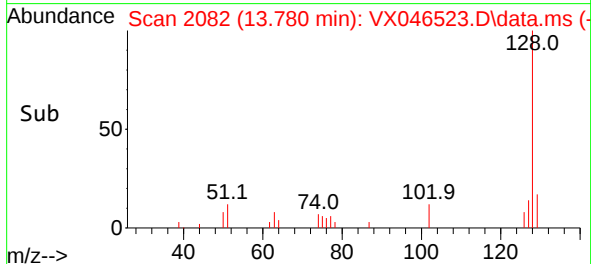
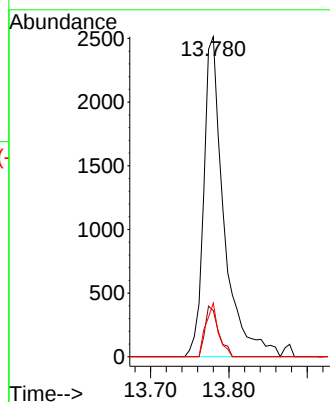
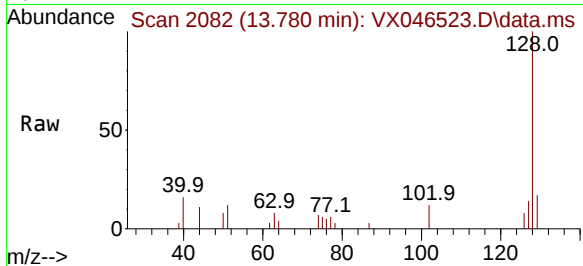




#95
Naphthalene
Concen: 0.814 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX046523.D
Acq: 06 Jun 2025 11:47

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:128	Resp:	4498
Ion	Ratio	Lower Upper
128	100	
127	10.6	10.4 15.6
129	10.4	8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 1.032 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX046523.D
Acq: 06 Jun 2025 11:47

Tgt Ion:180	Resp:	1803
Ion	Ratio	Lower Upper
180	100	
182	96.4	47.8 143.3
145	35.3	18.1 54.3

