

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102925\
 Data File : VX048405.D
 Acq On : 29 Oct 2025 10:31
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Oct 30 02:18:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 30 02:16:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.531	168	104972	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	209291	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	216835	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	107399	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	82783	54.836	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.680%	
35) Dibromofluoromethane	5.367	113	60783	50.939	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.880%	
50) Toluene-d8	8.628	98	258572	49.090	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.180%	
62) 4-Bromofluorobenzene	11.061	95	109096	55.368	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 110.740%	

Target Compounds				Qvalue		
3) Chloromethane	1.307	50	270	0.447	ug/l #	83
10) Methyl Iodide	2.465	142	6284	1.299	ug/l	94
13) Acrolein	2.233	56	241	0.998	ug/l	91
15) Acrylonitrile	3.062	53	619	1.176	ug/l #	71
16) Acetone	2.380	43	1051	3.072	ug/l	97
17) Carbon Disulfide	2.520	76	2449	0.699	ug/l #	89
18) Methyl Acetate	2.697	43	544	0.475	ug/l #	54
20) Methylene Chloride	2.788	84	271	0.205	ug/l #	57
21) trans-1,2-Dichloroethene	3.087	96	509	0.392	ug/l #	90
23) Vinyl Acetate	3.733	43	1798	0.624	ug/l #	73
29) Tetrahydrofuran	5.001	42	206	0.529	ug/l #	41
38) Carbon Tetrachloride	5.531	117	10816	4.675	ug/l #	15
44) Trichloroethene	7.110	130	363	0.226	ug/l	67
51) 4-Methyl-2-Pentanone	8.561	43	916	0.584	ug/l #	81
53) t-1,3-Dichloropropene	8.970	75	473	0.229	ug/l #	75
58) 2-Chloroethyl Vinyl ether	8.232	63	434	9.641	ug/l #	85
59) 2-Hexanone	9.415	43	540	0.529	ug/l	71
64) Tetrachloroethene	9.256	164	500	0.286	ug/l #	60
65) Chlorobenzene	10.067	112	1191	0.238	ug/l #	75
68) m/p-Xylenes	10.287	106	1109	0.348	ug/l	95
71) Bromoform	10.787	173	280	0.228	ug/l #	29
76) 1,2,3-Trichloropropane	11.061	75	55710	33.259	ug/l #	34
77) Bromobenzene	11.177	156	491	0.250	ug/l	91
78) n-propylbenzene	11.287	91	2435	0.259	ug/l	96
79) 2-Chlorotoluene	11.341	91	1307	0.232	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.061	75	55710	124.821	ug/l #	10
82) 4-Chlorotoluene	11.439	91	2031	0.306	ug/l	94
84) 1,2,4-Trimethylbenzene	11.738	105	1341	0.208	ug/l	85
85) sec-Butylbenzene	11.872	105	2235	0.271	ug/l	94
86) p-Isopropyltoluene	11.988	119	2103	0.301	ug/l	94
87) 1,3-Dichlorobenzene	11.957	146	1460	0.390	ug/l	94
88) 1,4-Dichlorobenzene	11.957	146	1460	0.383	ug/l	94
89) n-Butylbenzene	12.317	91	2736	0.417	ug/l	98
91) 1,2-Dichlorobenzene	12.323	146	1134	0.327	ug/l	94
93) 1,2,4-Trichlorobenzene	13.573	180	1831	0.764	ug/l	98
94) Hexachlorobutadiene	13.701	225	1053	1.048	ug/l	96

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IBLK

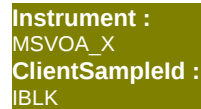
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:16:32 2025
Response via : Initial Calibration

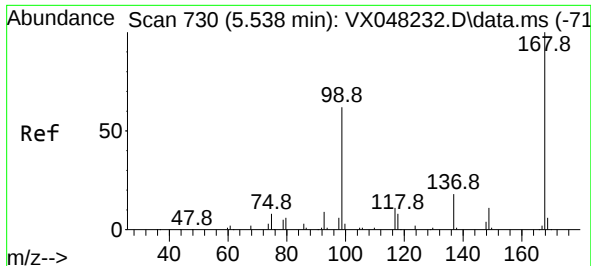
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	13.756	128	3747	0.619	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	1855	0.852	ug/l	98

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

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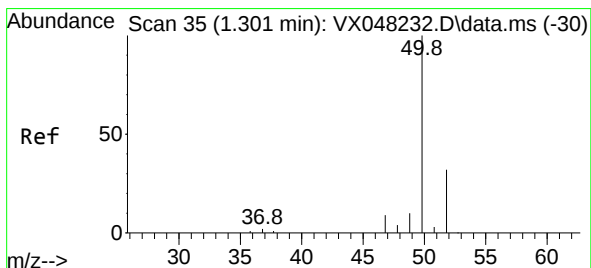
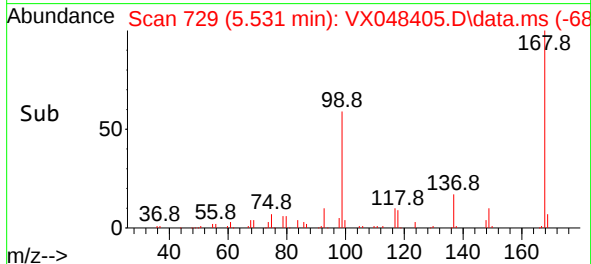
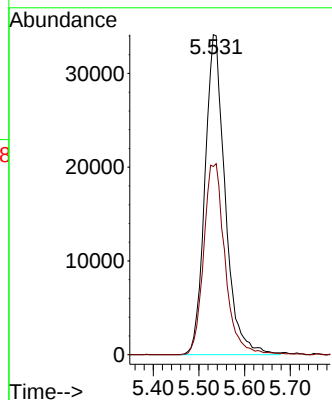
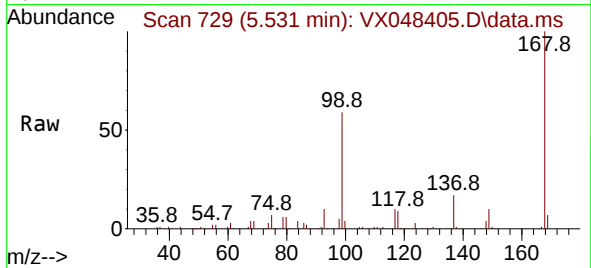




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048405.D
Acq: 29 Oct 2025 10:31

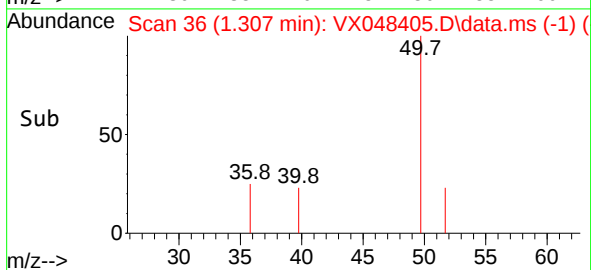
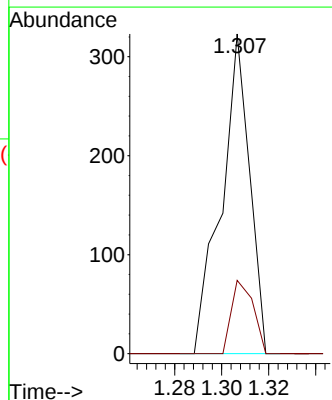
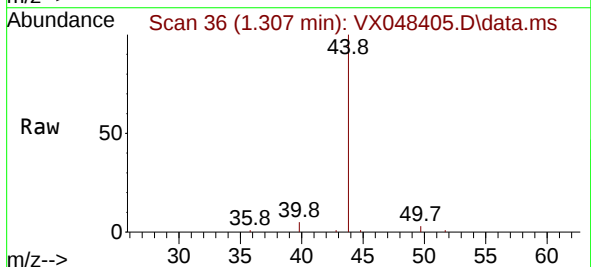
Instrument :
MSVOA_X
ClientSampleId :
IBLK

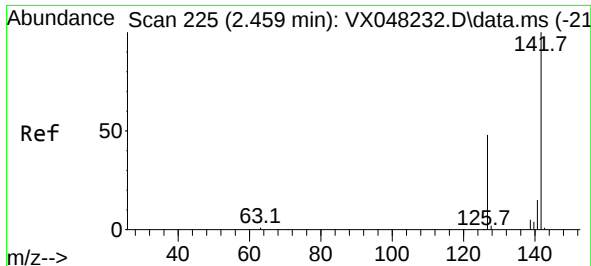
Tgt Ion:168 Resp: 104972
Ion Ratio Lower Upper
168 100
99 58.8 46.4 69.6



#3
Chloromethane
Concen: 0.447 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.006 min
Lab File: VX048405.D
Acq: 29 Oct 2025 10:31

Tgt Ion: 50 Resp: 270
Ion Ratio Lower Upper
50 100
52 22.9 25.9 38.9#

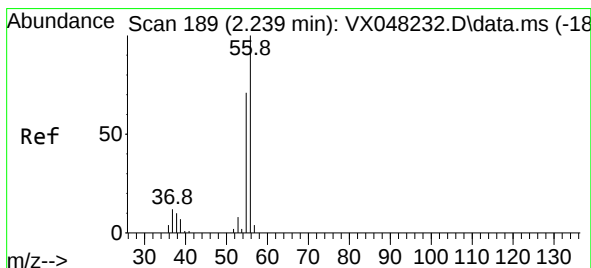
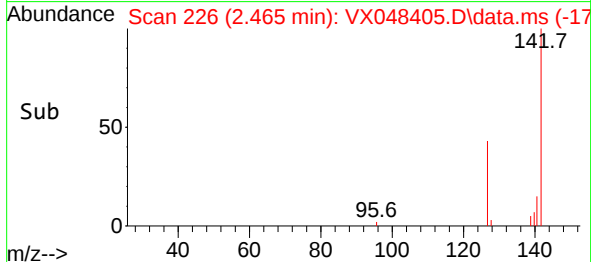
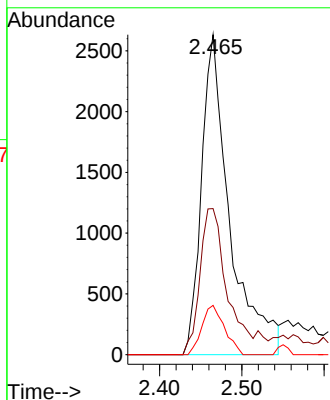
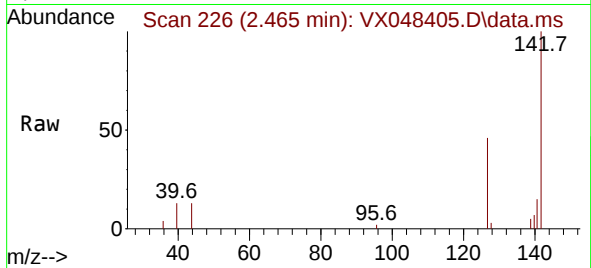




#10
Methyl Iodide
Concen: 1.299 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX048405.D
Acq: 29 Oct 2025 10:31

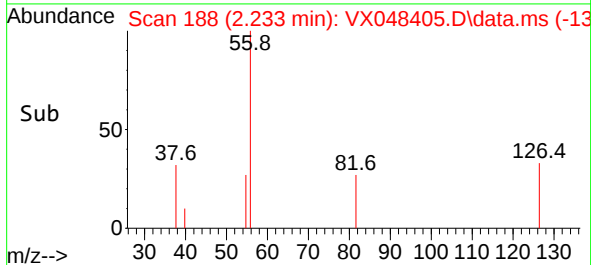
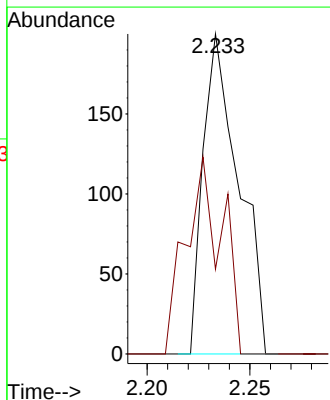
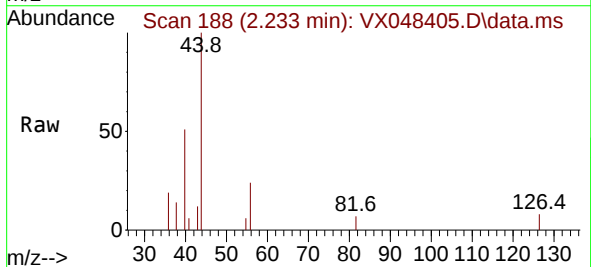
Instrument :
MSVOA_X
ClientSampleId :
IBLK

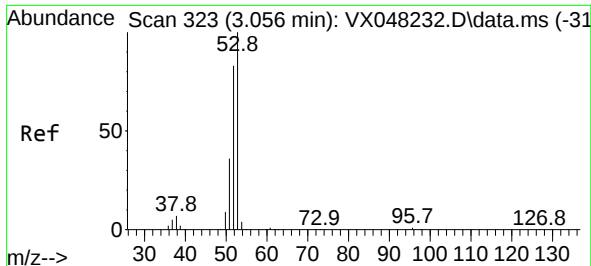
Tgt Ion:142 Resp: 6284
Ion Ratio Lower Upper
142 100
127 43.7 38.5 57.7
141 12.3 11.6 17.4



#13
Acrolein
Concen: 0.998 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX048405.D
Acq: 29 Oct 2025 10:31

Tgt Ion: 56 Resp: 241
Ion Ratio Lower Upper
56 100
55 62.7 56.1 84.1

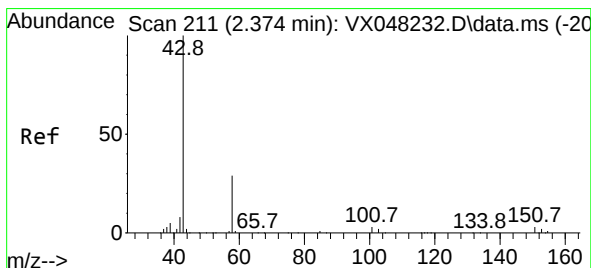
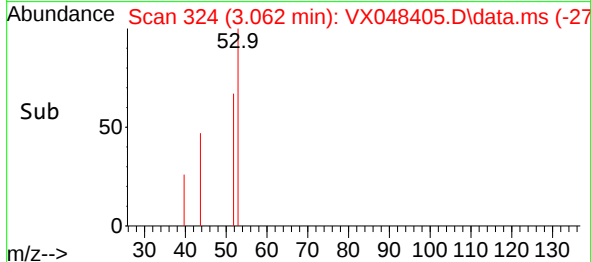
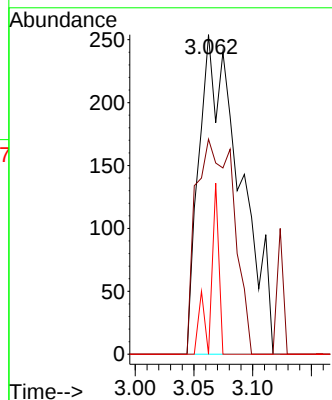
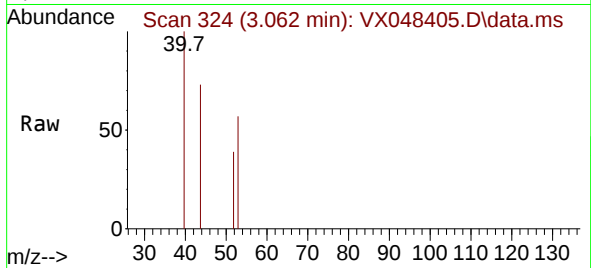




#15
Acrylonitrile
Concen: 1.176 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX048405.D
Acq: 29 Oct 2025 10:31

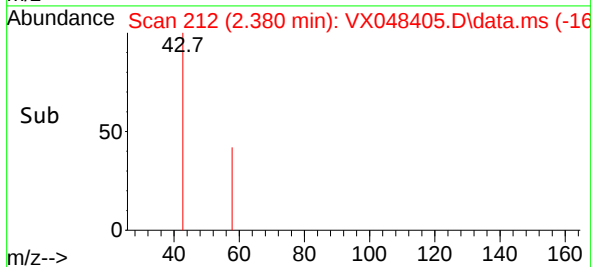
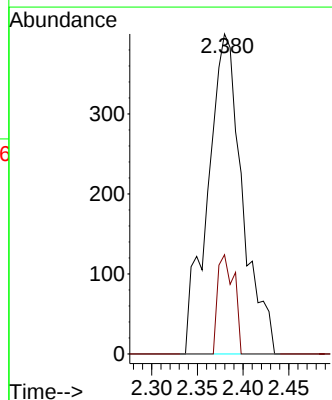
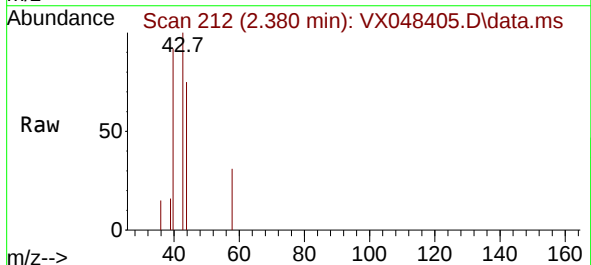
Instrument :
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ClientSampleId :
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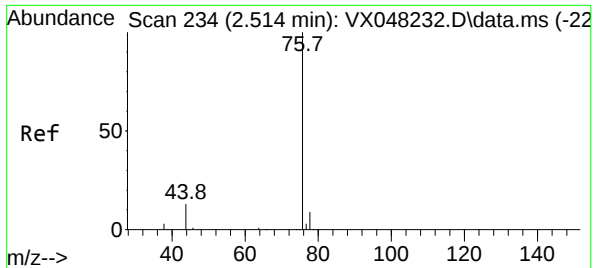
Tgt Ion: 53 Resp: 619
Ion Ratio Lower Upper
53 100
52 61.4 66.1 99.1#
51 11.0 29.0 43.4#



#16
Acetone
Concen: 3.072 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048405.D
Acq: 29 Oct 2025 10:31

Tgt Ion: 43 Resp: 1051
Ion Ratio Lower Upper
43 100
58 31.0 23.4 35.2

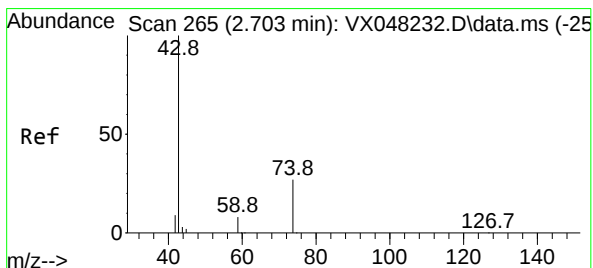
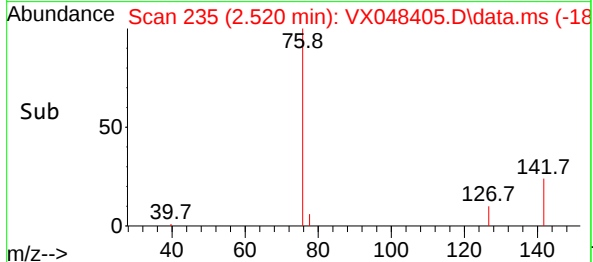
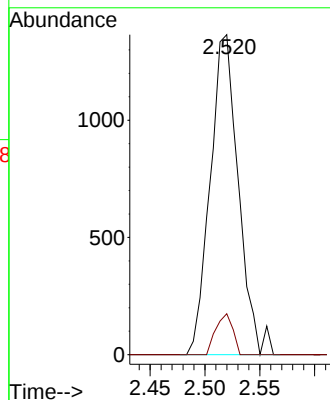
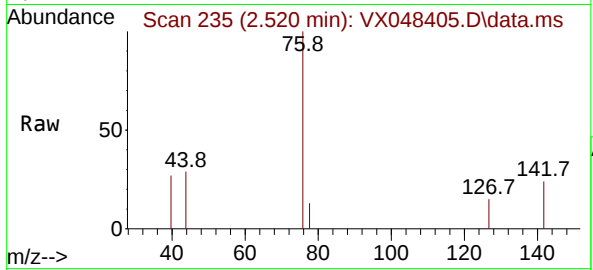




#17
Carbon Disulfide
Concen: 0.699 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX048405.D
Acq: 29 Oct 2025 10:31

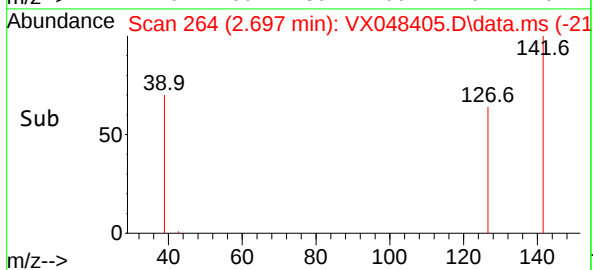
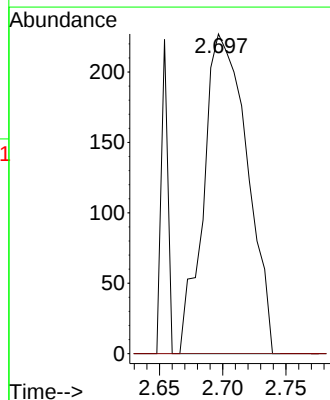
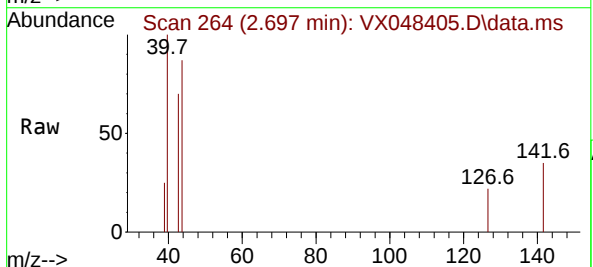
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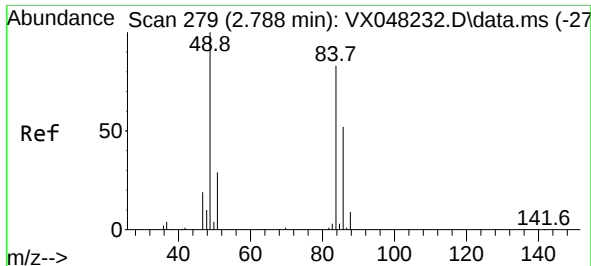
Tgt Ion: 76 Resp: 2449
Ion Ratio Lower Upper
76 100
78 12.8 7.1 10.7#



#18
Methyl Acetate
Concen: 0.475 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX048405.D
Acq: 29 Oct 2025 10:31

Tgt Ion: 43 Resp: 544
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#

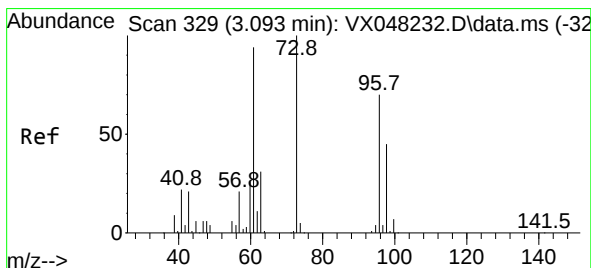
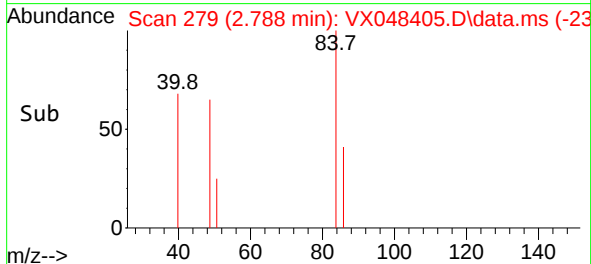
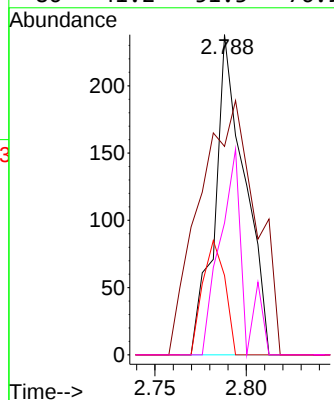
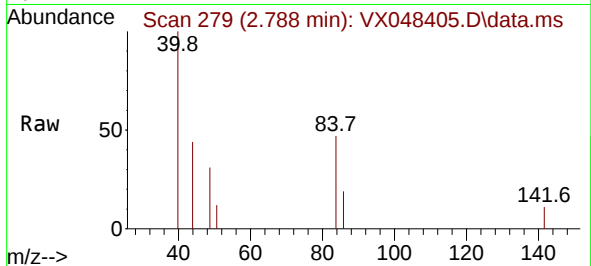




#20
Methylene Chloride
Concen: 0.205 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX048405.D
Acq: 29 Oct 2025 10:31

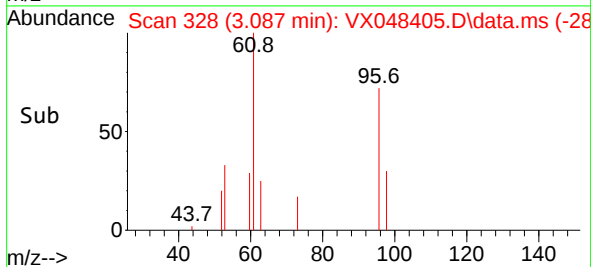
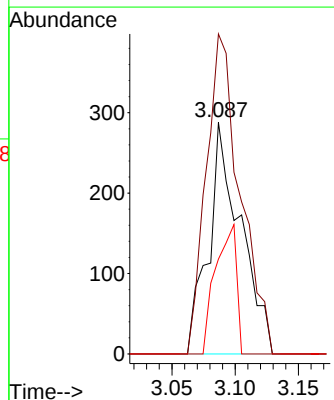
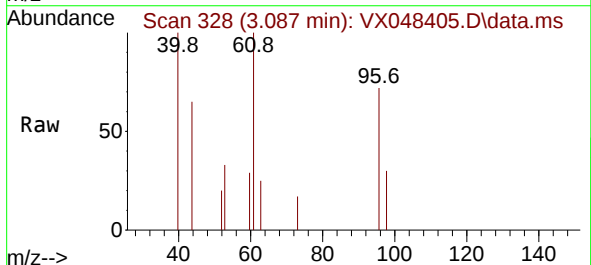
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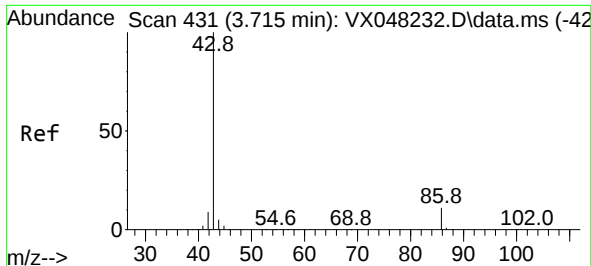
Tgt Ion:	84	Resp:	271
Ion	Ratio	Lower	Upper
84	100		
49	65.1	104.1	156.1#
51	24.8	31.3	46.9#
86	41.2	51.3	76.9#



#21
trans-1,2-Dichloroethene
Concen: 0.392 ug/l
RT: 3.087 min Scan# 328
Delta R.T. -0.006 min
Lab File: VX048405.D
Acq: 29 Oct 2025 10:31

Tgt Ion:	96	Resp:	509
Ion	Ratio	Lower	Upper
96	100		
61	138.2	111.9	167.9
98	41.0	51.2	76.8#

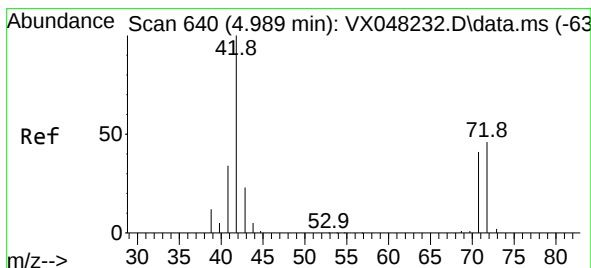
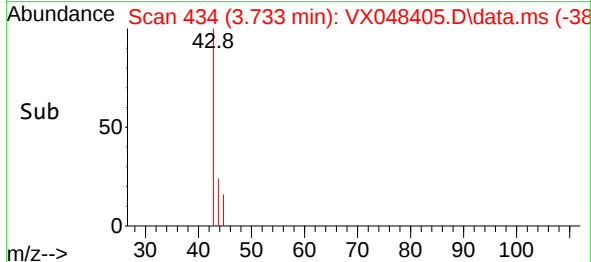
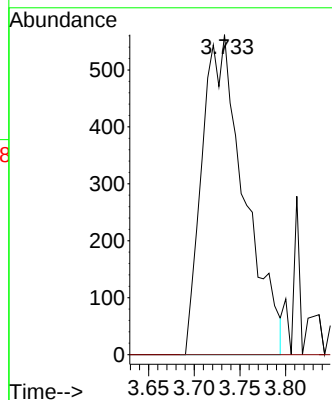
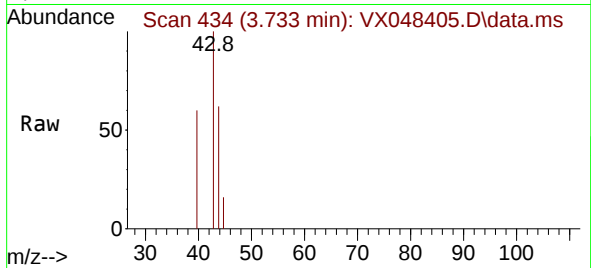




#23
 Vinyl Acetate
 Concen: 0.624 ug/l
 RT: 3.733 min Scan# 41
 Delta R.T. 0.018 min
 Lab File: VX048405.D
 Acq: 29 Oct 2025 10:31

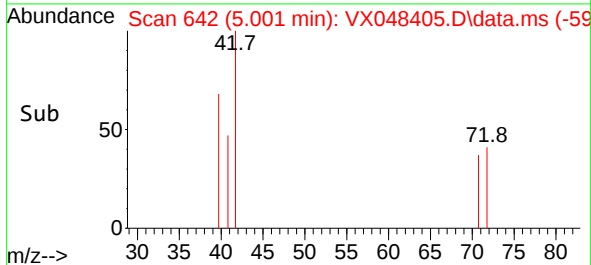
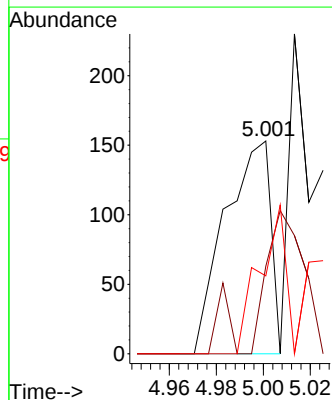
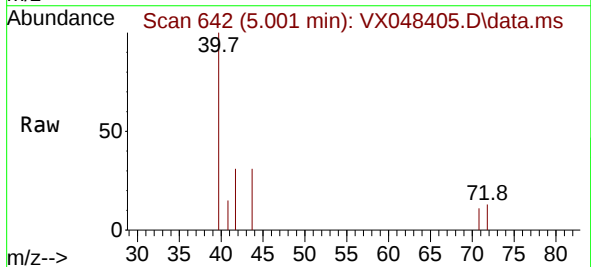
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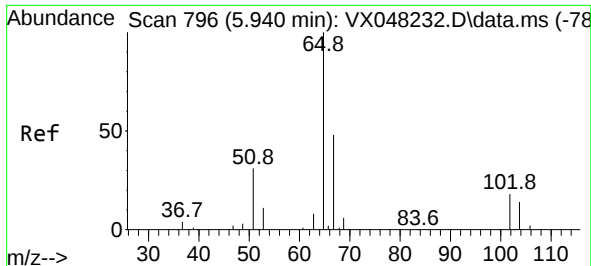
Tgt Ion: 43 Resp: 1798
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.9 11.9#



#29
 Tetrahydrofuran
 Concen: 0.529 ug/l
 RT: 5.001 min Scan# 642
 Delta R.T. 0.012 min
 Lab File: VX048405.D
 Acq: 29 Oct 2025 10:31

Tgt Ion: 42 Resp: 206
 Ion Ratio Lower Upper
 42 100
 72 9.2 35.3 52.9#
 71 0.0 32.2 48.4#

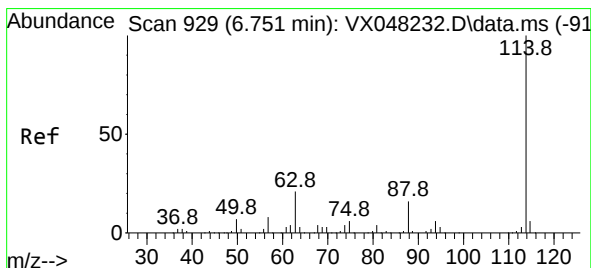
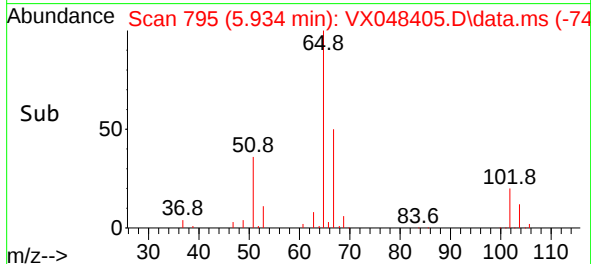
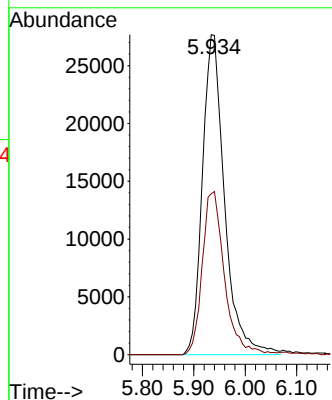
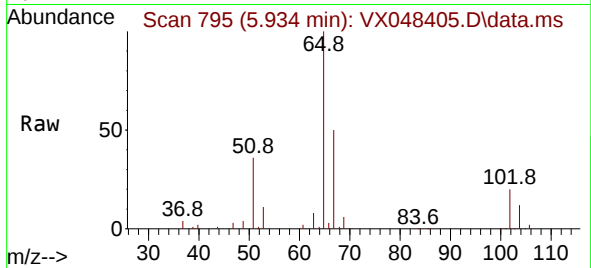




#33
1,2-Dichloroethane-d4
Concen: 54.836 ug/l
RT: 5.934 min Scan# 796
Delta R.T. -0.006 min
Lab File: VX048405.D
Acq: 29 Oct 2025 10:31

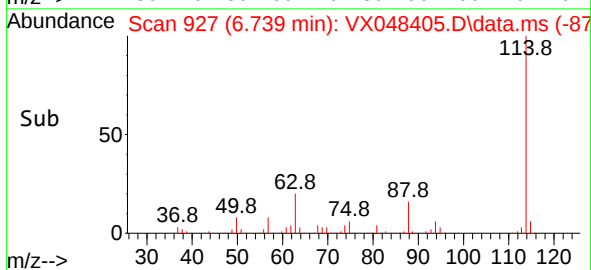
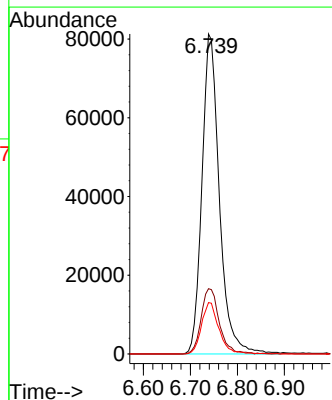
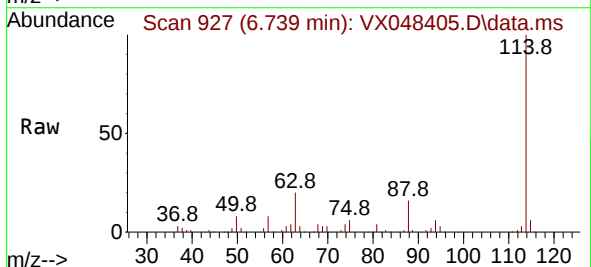
Instrument :
MSVOA_X
ClientSampleId :
IBLK

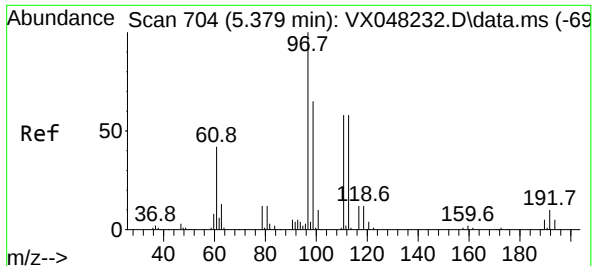
Tgt Ion: 65 Resp: 82783
Ion Ratio Lower Upper
65 100
67 51.1 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.739 min Scan# 927
Delta R.T. -0.006 min
Lab File: VX048405.D
Acq: 29 Oct 2025 10:31

Tgt Ion: 114 Resp: 209291
Ion Ratio Lower Upper
114 100
63 20.4 0.0 43.2
88 16.1 0.0 33.6

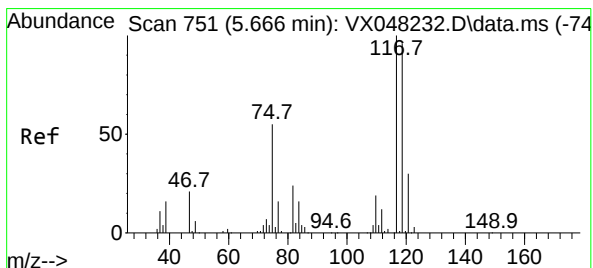
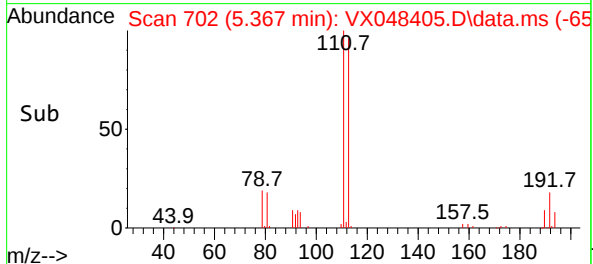
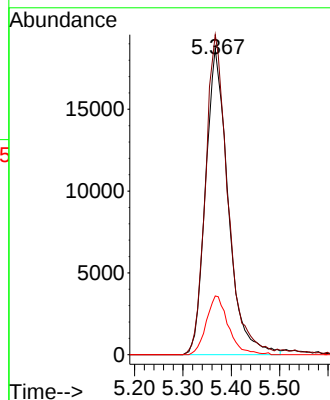
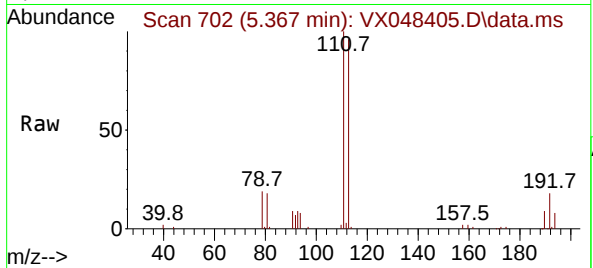




#35
Dibromofluoromethane
Concen: 50.939 ug/l
RT: 5.367 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX048405.D
Acq: 29 Oct 2025 10:31

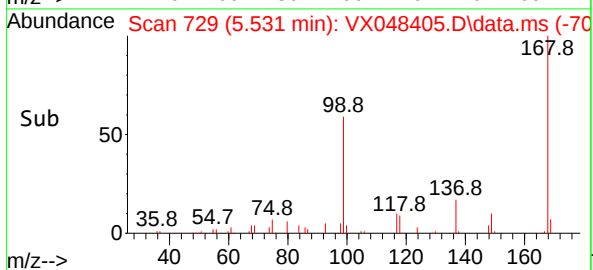
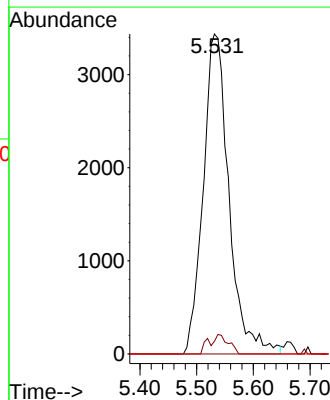
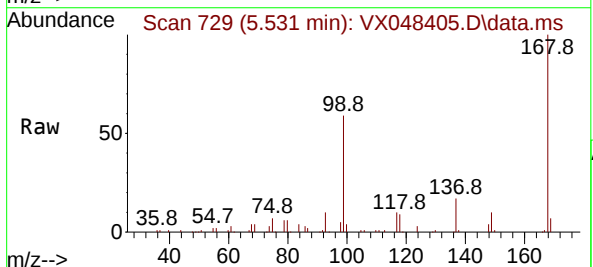
Instrument :
MSVOA_X
ClientSampleId :
IBLK

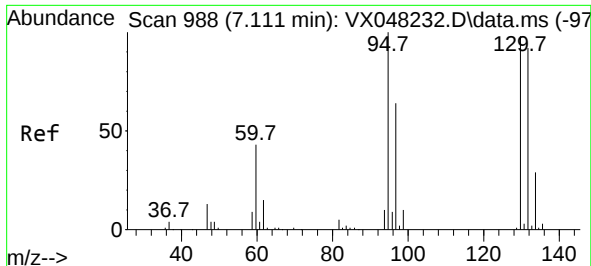
Tgt Ion:113 Resp: 60783
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.4
192 18.7 15.1 22.7



#38
Carbon Tetrachloride
Concen: 4.675 ug/l
RT: 5.531 min Scan# 729
Delta R.T. -0.134 min
Lab File: VX048405.D
Acq: 29 Oct 2025 10:31

Tgt Ion:117 Resp: 10816
Ion Ratio Lower Upper
117 100
119 4.0 77.2 115.8#
121 0.0 24.8 37.2#

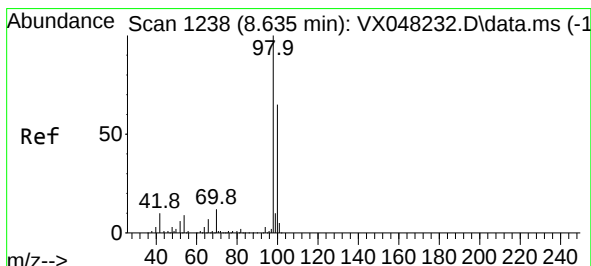
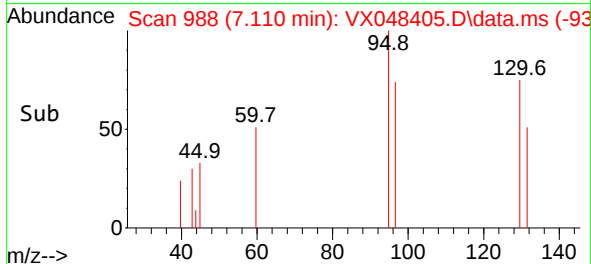
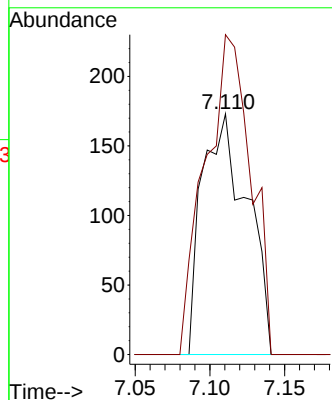
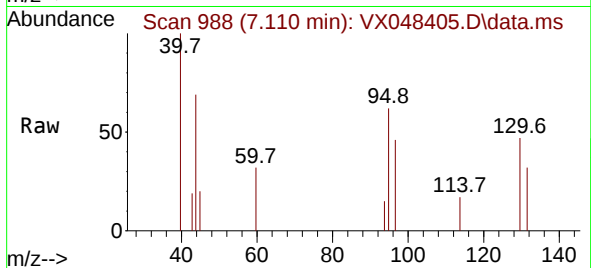




#44
 Trichloroethene
 Concen: 0.226 ug/l
 RT: 7.110 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX048405.D
 Acq: 29 Oct 2025 10:31

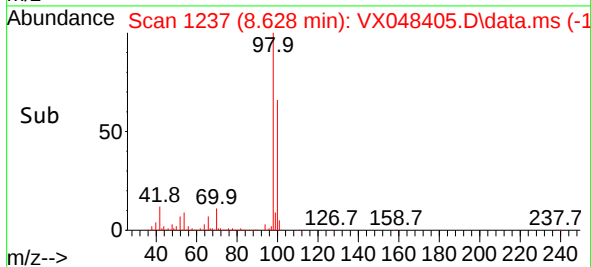
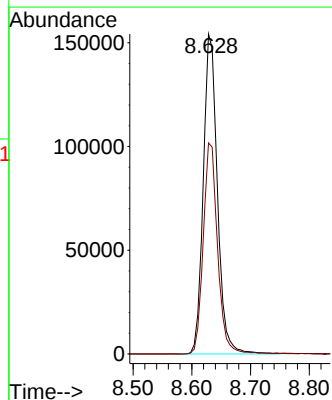
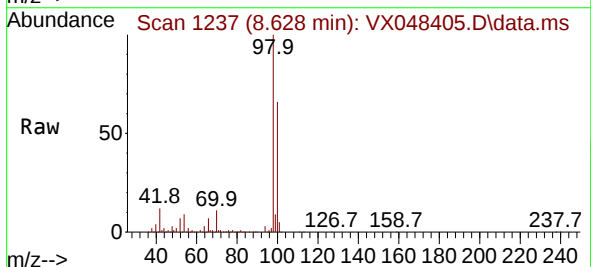
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

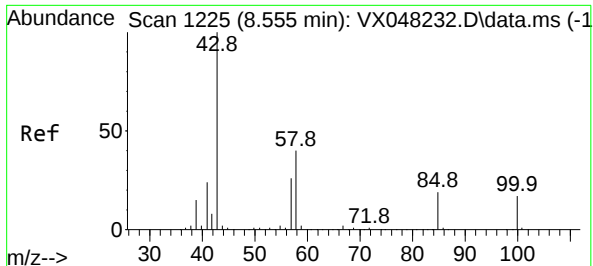
Tgt Ion:130 Resp: 363
 Ion Ratio Lower Upper
 130 100
 95 132.9 0.0 200.6



#50
 Toluene-d8
 Concen: 49.090 ug/l
 RT: 8.628 min Scan# 1237
 Delta R.T. -0.006 min
 Lab File: VX048405.D
 Acq: 29 Oct 2025 10:31

Tgt Ion: 98 Resp: 258572
 Ion Ratio Lower Upper
 98 100
 100 66.9 53.0 79.4

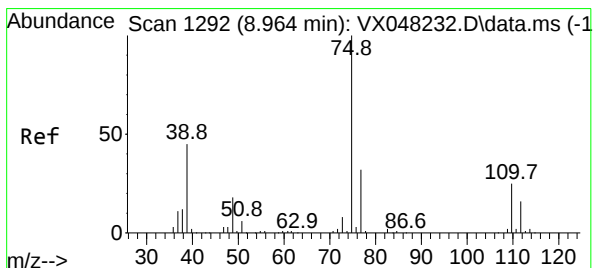
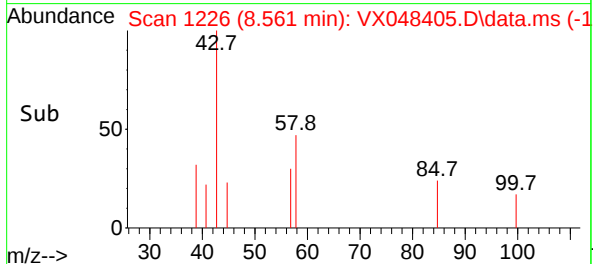
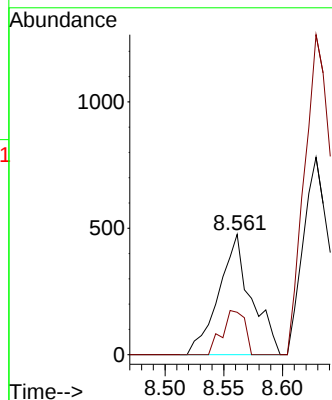
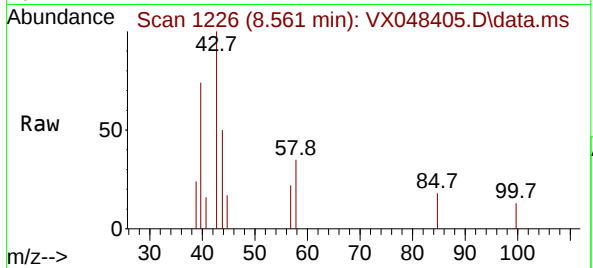




#51
4-Methyl-2-Pentanone
Concen: 0.584 ug/l
RT: 8.561 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX048405.D
Acq: 29 Oct 2025 10:31

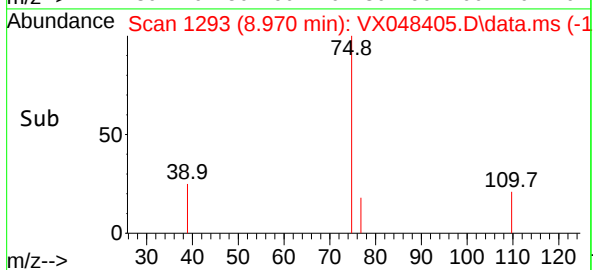
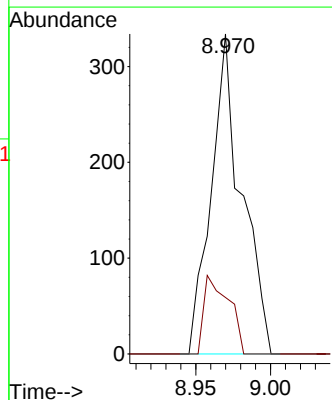
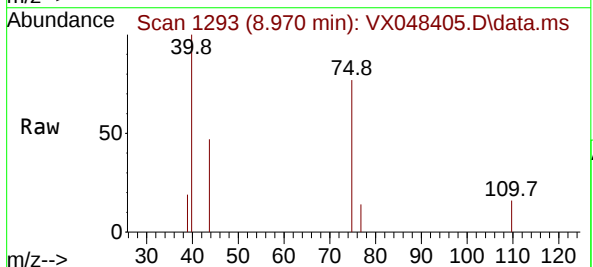
Instrument :
MSVOA_X
ClientSampleId :
IBLK

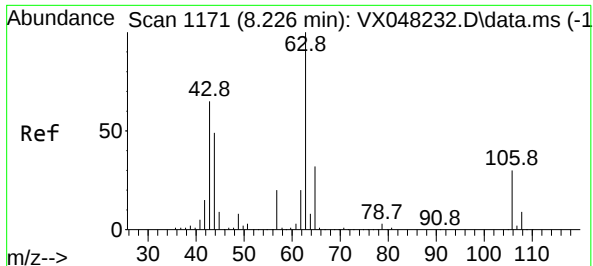
Tgt Ion: 43 Resp: 916
Ion Ratio Lower Upper
43 100
58 25.5 29.5 44.3#



#53
t-1,3-Dichloropropene
Concen: 0.229 ug/l
RT: 8.970 min Scan# 1293
Delta R.T. 0.006 min
Lab File: VX048405.D
Acq: 29 Oct 2025 10:31

Tgt Ion: 75 Resp: 473
Ion Ratio Lower Upper
75 100
77 17.7 25.0 37.6#





#58

2-Chloroethyl Vinyl ether

Concen: 9.641 ug/l

RT: 8.232 min Scan# 1171

Delta R.T. 0.006 min

Lab File: VX048405.D

Acq: 29 Oct 2025 10:31

Instrument :

MSVOA_X

ClientSampleId :

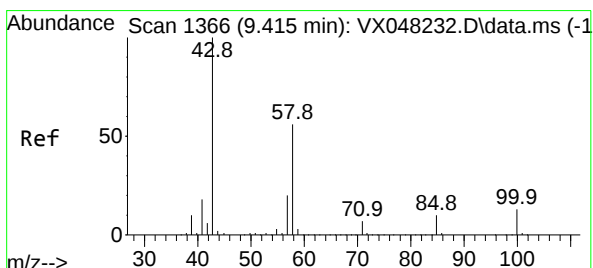
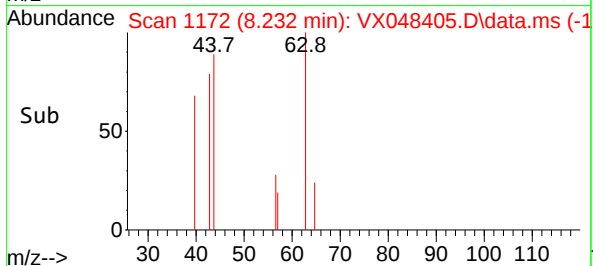
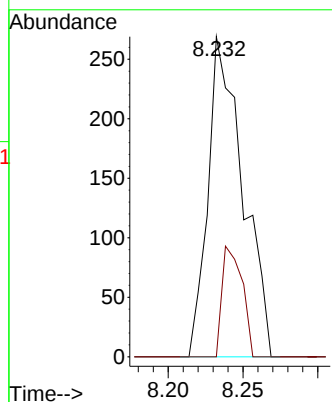
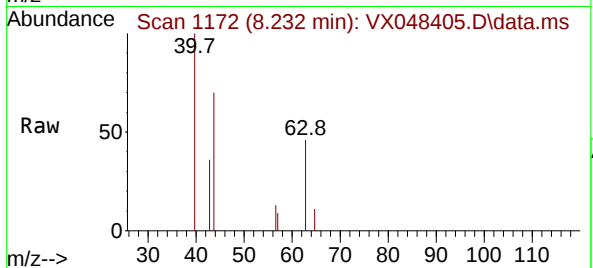
IBLK

Tgt Ion: 63 Resp: 434

Ion Ratio Lower Upper

63 100

106 19.8 22.2 33.2#



#59

2-Hexanone

Concen: 0.529 ug/l

RT: 9.415 min Scan# 1366

Delta R.T. 0.000 min

Lab File: VX048405.D

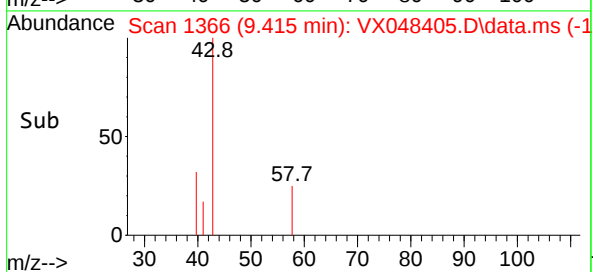
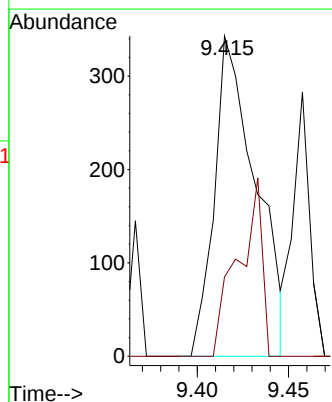
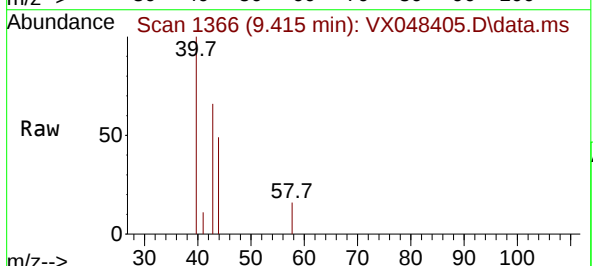
Acq: 29 Oct 2025 10:31

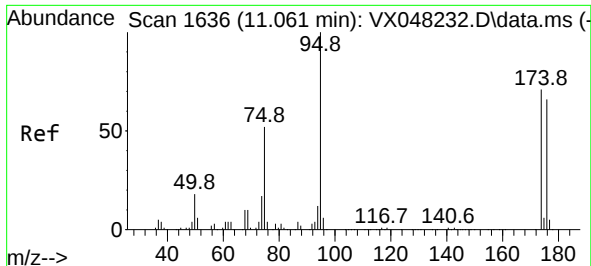
Tgt Ion: 43 Resp: 540

Ion Ratio Lower Upper

43 100

58 32.2 26.3 78.8

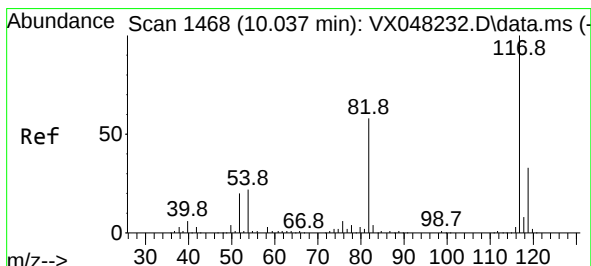
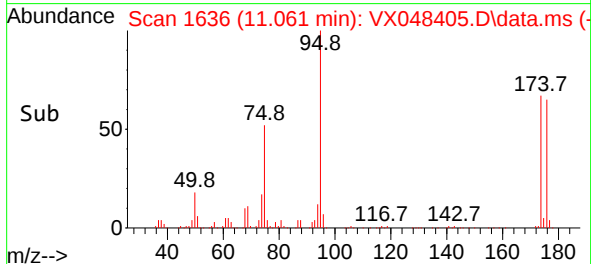
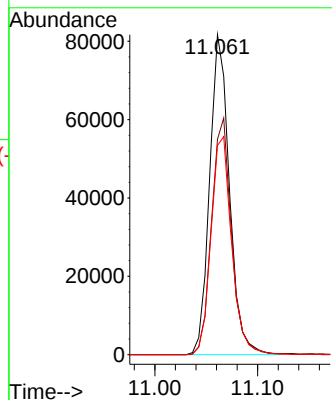
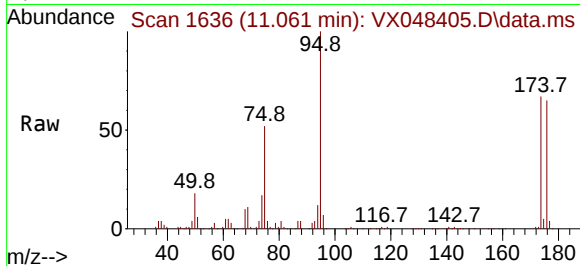




#62
4-Bromofluorobenzene
Concen: 55.368 ug/l
RT: 11.061 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048405.D
Acq: 29 Oct 2025 10:31

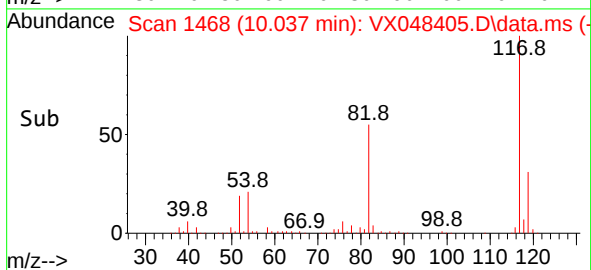
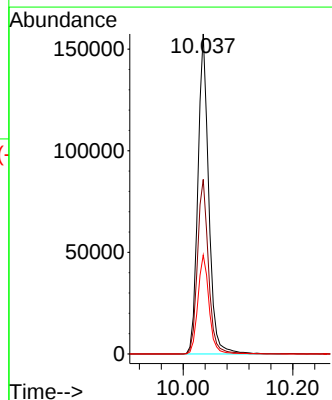
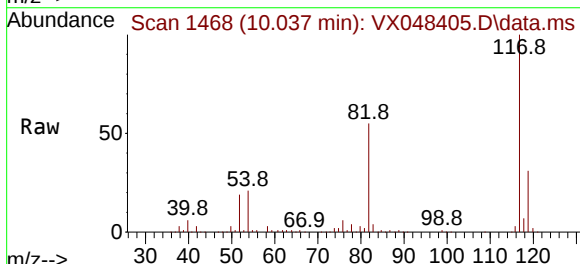
Instrument :
MSVOA_X
ClientSampleId :
IBLK

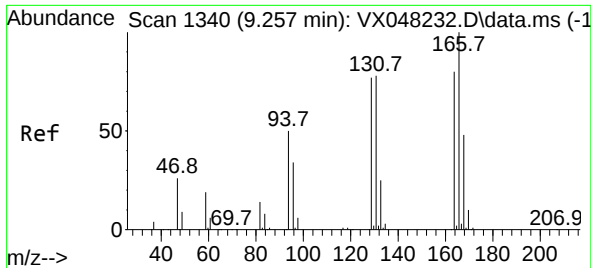
Tgt Ion: 95 Resp: 109096
Ion Ratio Lower Upper
95 100
174 74.8 0.0 147.8
176 71.2 0.0 142.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048405.D
Acq: 29 Oct 2025 10:31

Tgt Ion: 117 Resp: 216835
Ion Ratio Lower Upper
117 100
82 54.6 46.5 69.7
119 30.9 25.9 38.9

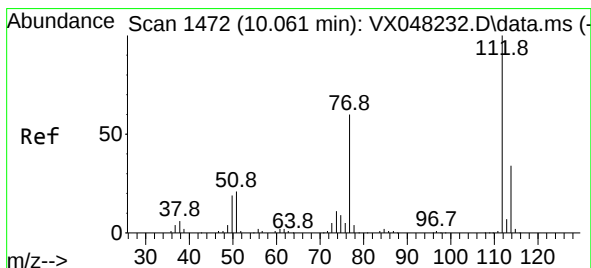
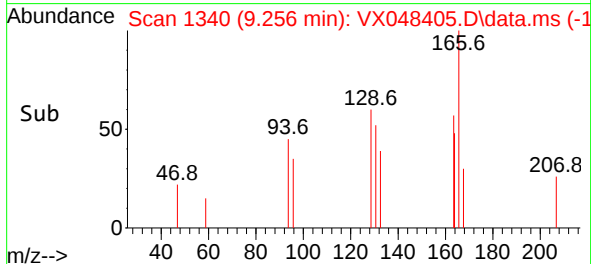
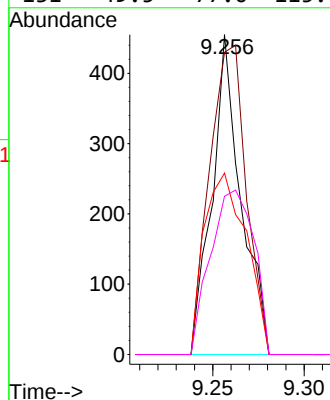
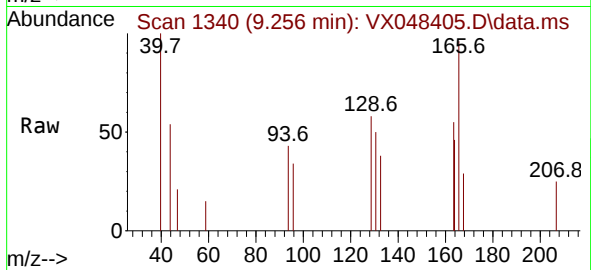




#64
Tetrachloroethene
Concen: 0.286 ug/l
RT: 9.256 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048405.D
Acq: 29 Oct 2025 10:31

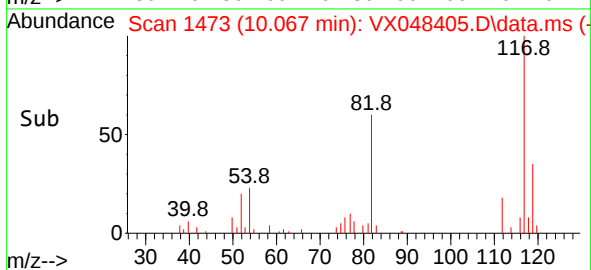
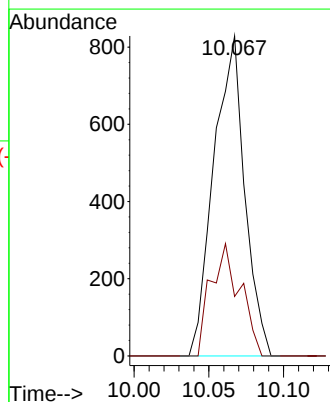
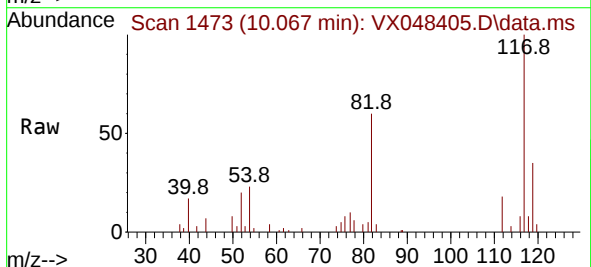
Instrument :
MSVOA_X
ClientSampleId :
IBLK

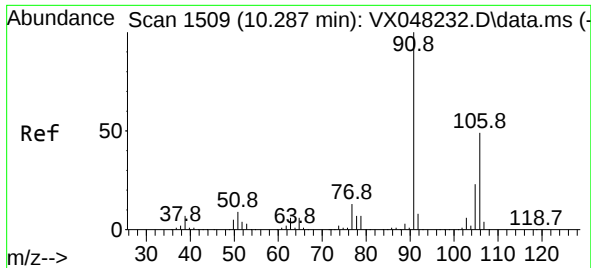
Tgt Ion:164 Resp: 500
Ion Ratio Lower Upper
164 100
166 94.5 104.5 156.7#
129 56.7 81.8 122.6#
131 49.5 77.0 115.6#



#65
Chlorobenzene
Concen: 0.238 ug/l
RT: 10.067 min Scan# 1473
Delta R.T. 0.006 min
Lab File: VX048405.D
Acq: 29 Oct 2025 10:31

Tgt Ion:112 Resp: 1191
Ion Ratio Lower Upper
112 100
114 18.6 26.2 39.2#

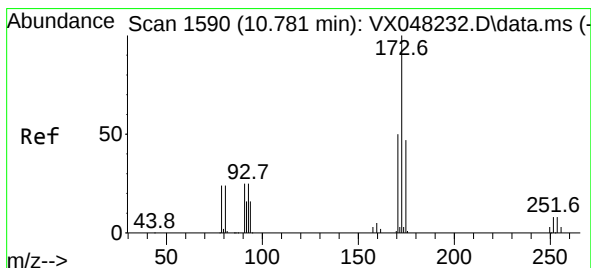
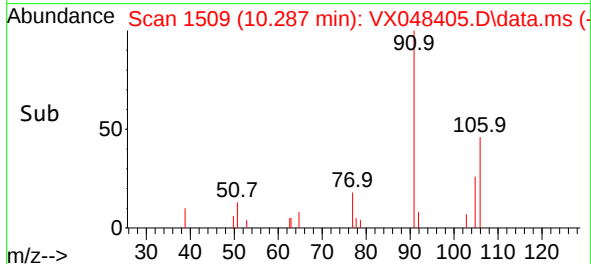
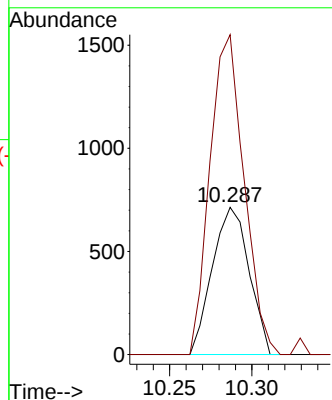
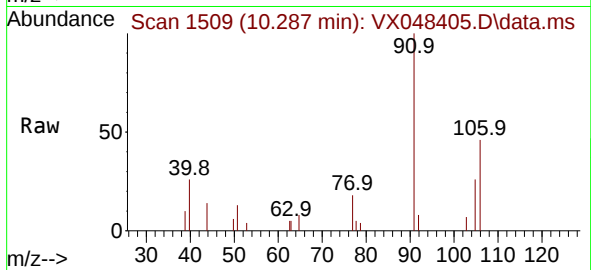




#68
m/p-Xylenes
Concen: 0.348 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VX048405.D
Acq: 29 Oct 2025 10:31

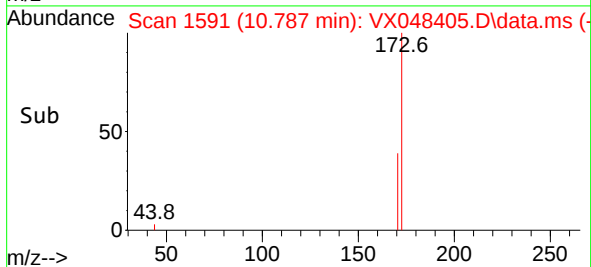
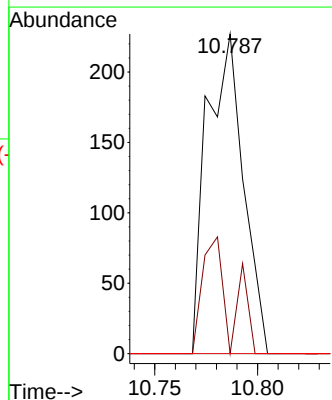
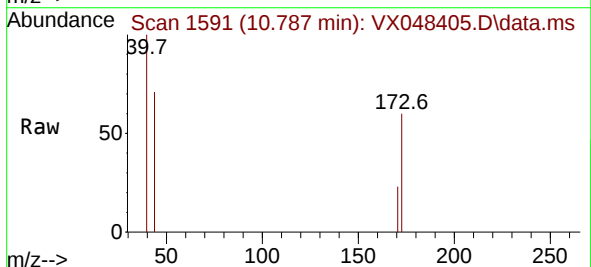
Instrument :
MSVOA_X
ClientSampleId :
IBLK

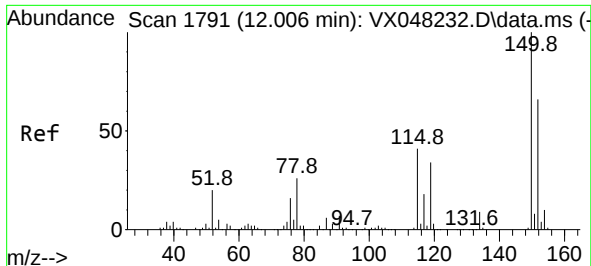
Tgt Ion:106 Resp: 1109
Ion Ratio Lower Upper
106 100
91 201.8 167.9 251.9



#71
Bromoform
Concen: 0.228 ug/l
RT: 10.787 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VX048405.D
Acq: 29 Oct 2025 10:31

Tgt Ion:173 Resp: 280
Ion Ratio Lower Upper
173 100
175 0.0 24.0 72.0#
254 0.0 0.0 0.0

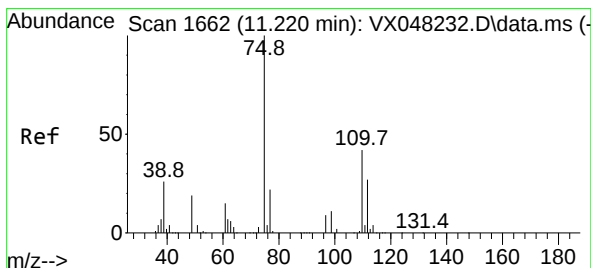
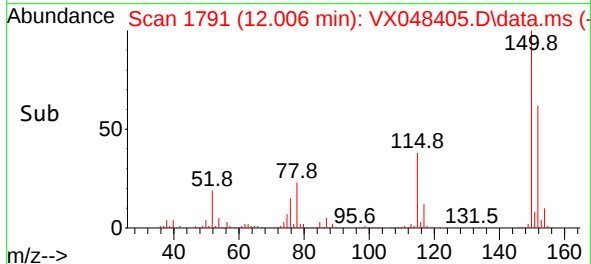
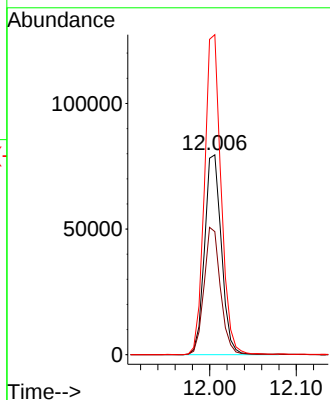
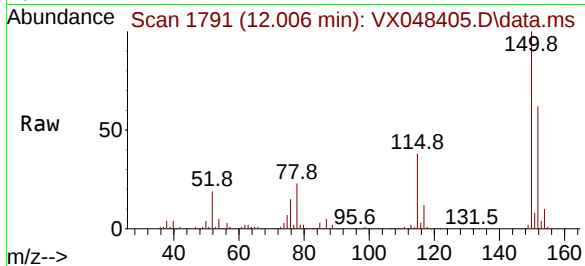




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX048405.D
 Acq: 29 Oct 2025 10:31

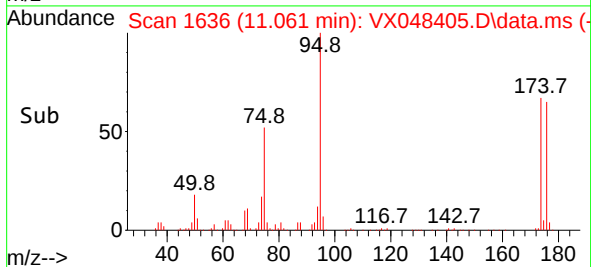
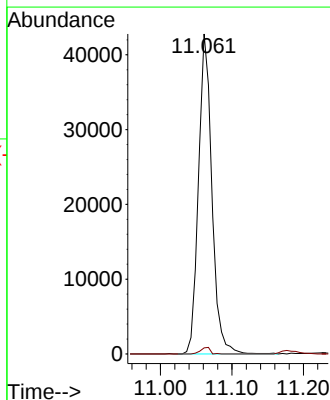
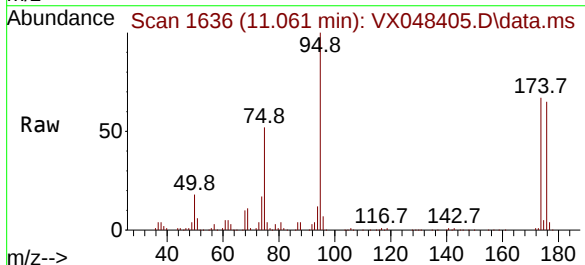
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

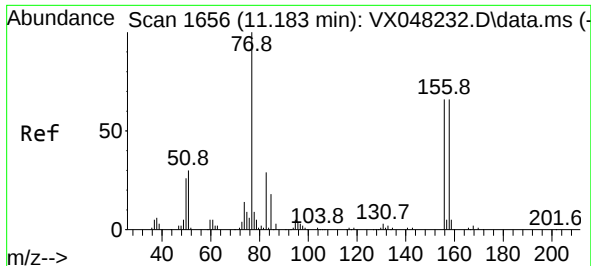
Tgt Ion:152 Resp: 107399
 Ion Ratio Lower Upper
 152 100
 115 62.3 43.1 129.4
 150 157.9 0.0 353.0



#76
 1,2,3-Trichloropropane
 Concen: 33.259 ug/l
 RT: 11.061 min Scan# 1636
 Delta R.T. -0.158 min
 Lab File: VX048405.D
 Acq: 29 Oct 2025 10:31

Tgt Ion: 75 Resp: 55710
 Ion Ratio Lower Upper
 75 100
 77 1.5 22.4 67.2#

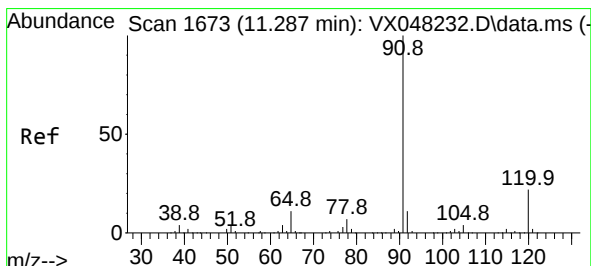
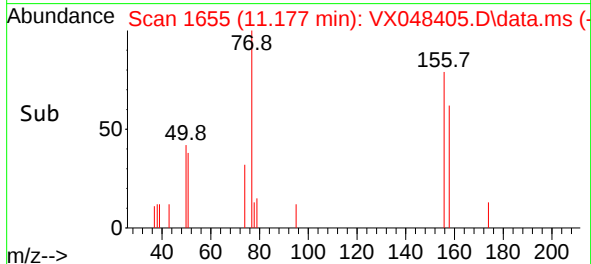
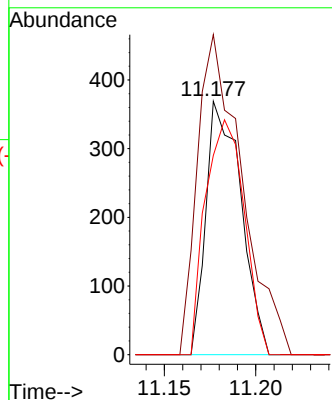
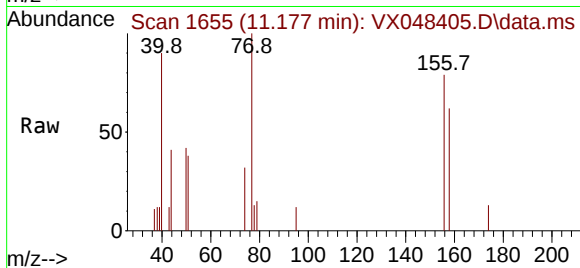




#77
Bromobenzene
Concen: 0.250 ug/l
RT: 11.177 min Scan# 1655
Delta R.T. -0.006 min
Lab File: VX048405.D
Acq: 29 Oct 2025 10:31

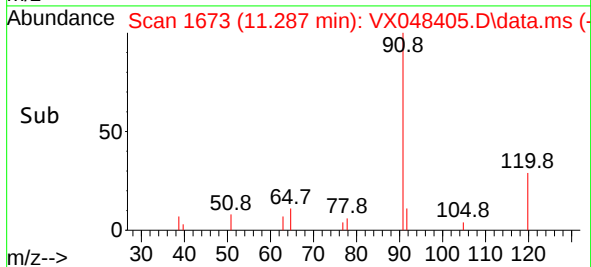
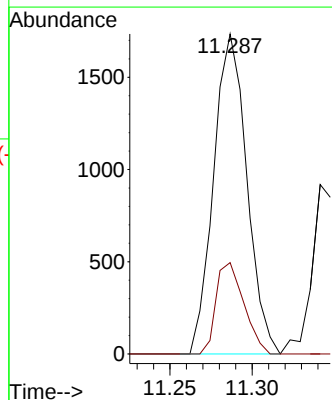
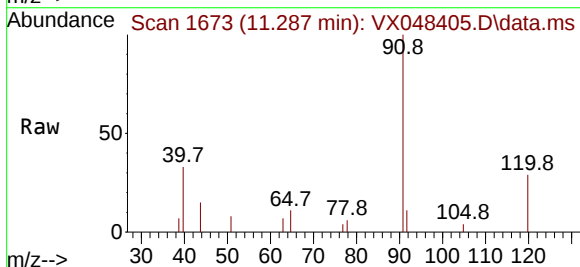
Instrument :
MSVOA_X
ClientSampleId :
IBLK

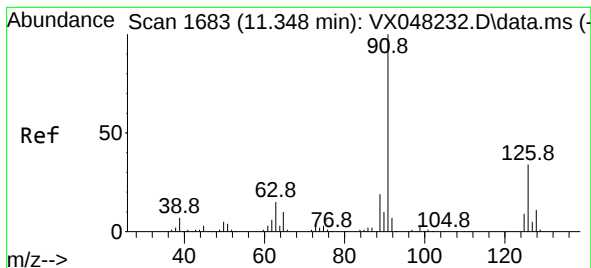
Tgt Ion:156 Resp: 491
Ion Ratio Lower Upper
156 100
77 160.5 87.0 261.0
158 103.1 47.8 143.4



#78
n-propylbenzene
Concen: 0.259 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VX048405.D
Acq: 29 Oct 2025 10:31

Tgt Ion: 91 Resp: 2435
Ion Ratio Lower Upper
91 100
120 23.9 11.1 33.1





#79

2-Chlorotoluene

Concen: 0.232 ug/l

RT: 11.341 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX048405.D

Acq: 29 Oct 2025 10:31

Instrument :

MSVOA_X

ClientSampleId :

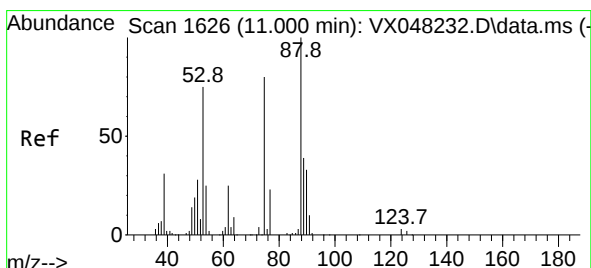
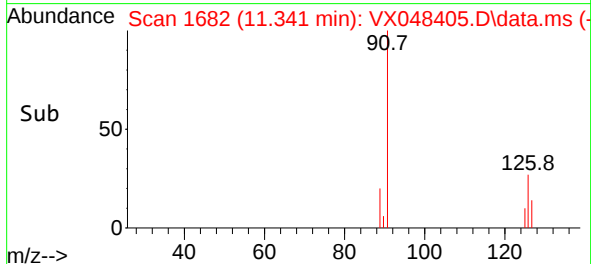
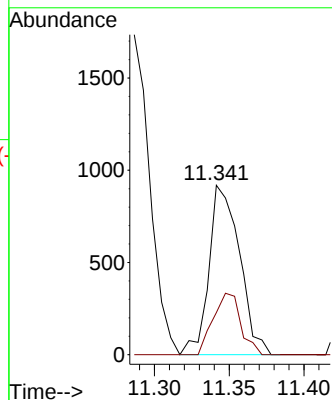
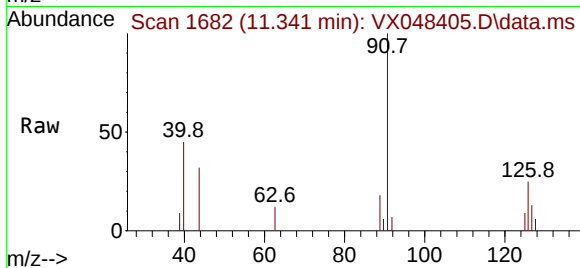
IBLK

Tgt Ion: 91 Resp: 1307

Ion Ratio Lower Upper

91 100

126 32.6 16.4 49.4



#81

trans-1,4-Dichloro-2-butene

Concen: 124.821 ug/l

RT: 11.061 min Scan# 1636

Delta R.T. 0.061 min

Lab File: VX048405.D

Acq: 29 Oct 2025 10:31

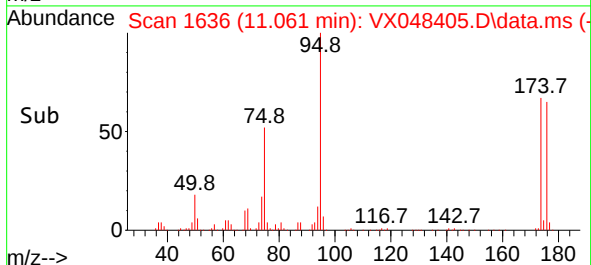
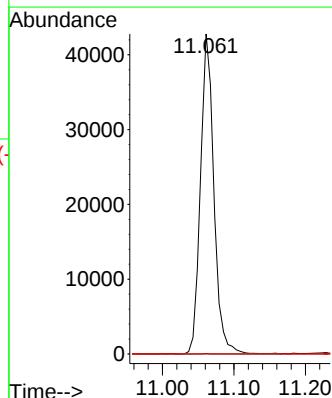
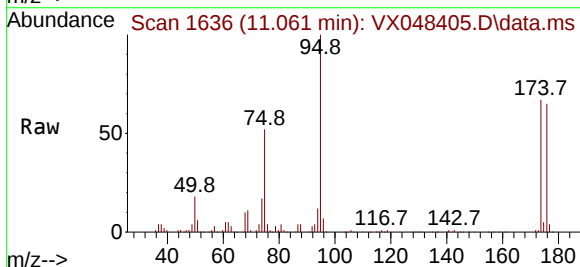
Tgt Ion: 75 Resp: 55710

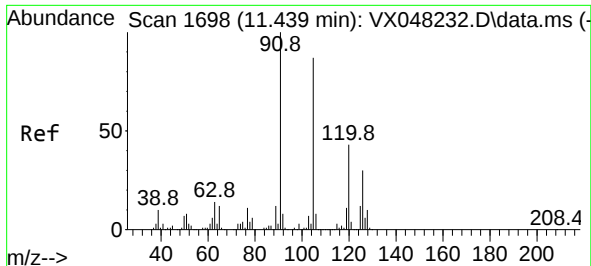
Ion Ratio Lower Upper

75 100

53 0.0 79.5 119.3#

89 0.0 36.8 55.2#

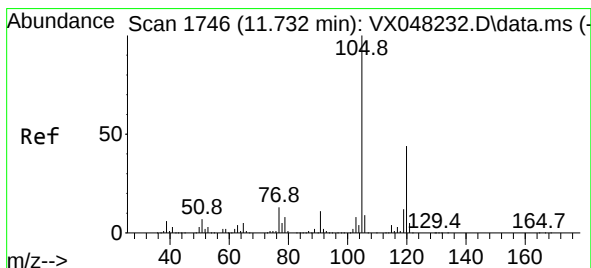
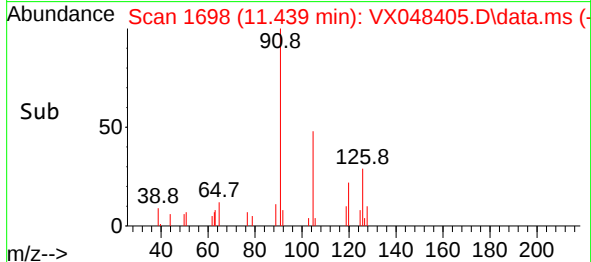
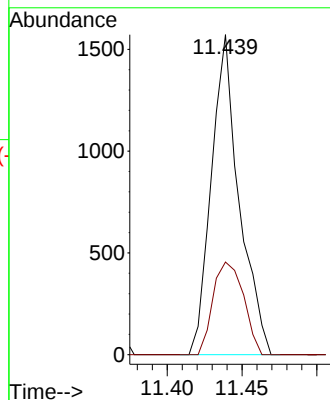
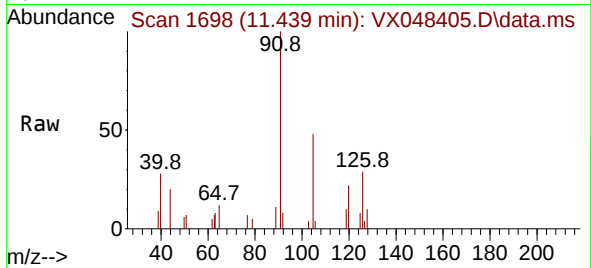




#82
4-Chlorotoluene
Concen: 0.306 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VX048405.D
Acq: 29 Oct 2025 10:31

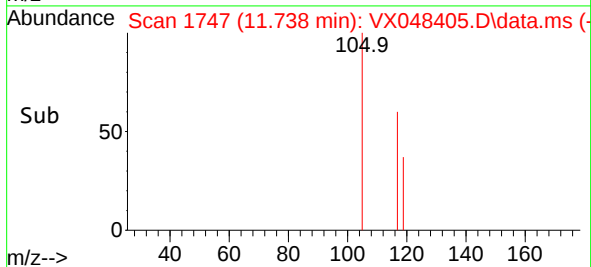
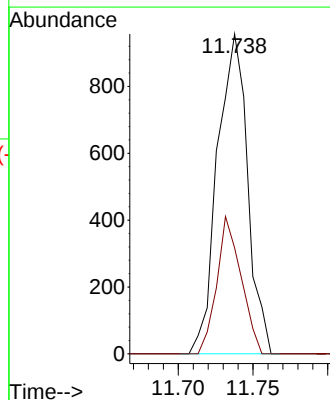
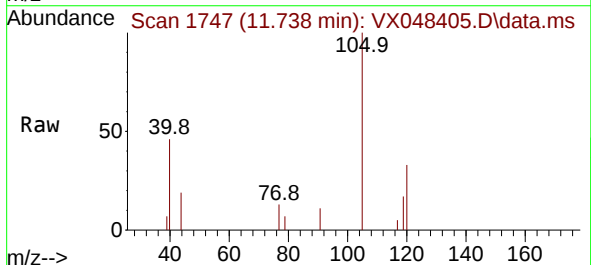
Instrument :
MSVOA_X
ClientSampleId :
IBLK

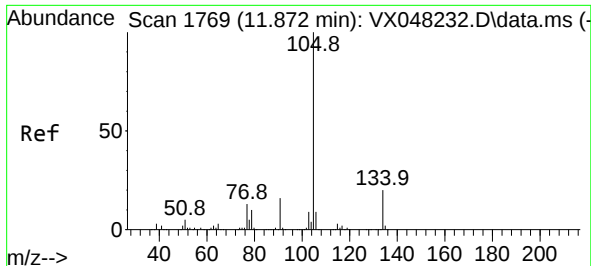
Tgt Ion: 91 Resp: 2031
Ion Ratio Lower Upper
91 100
126 31.7 14.1 42.4



#84
1,2,4-Trimethylbenzene
Concen: 0.208 ug/l
RT: 11.738 min Scan# 1747
Delta R.T. 0.006 min
Lab File: VX048405.D
Acq: 29 Oct 2025 10:31

Tgt Ion: 105 Resp: 1341
Ion Ratio Lower Upper
105 100
120 34.5 22.1 66.5

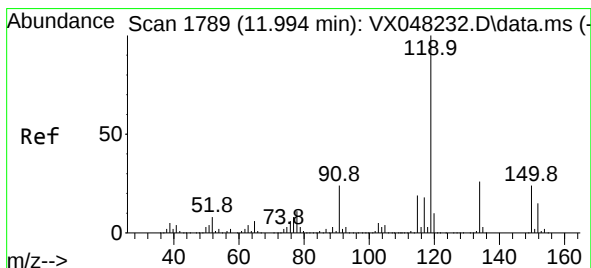
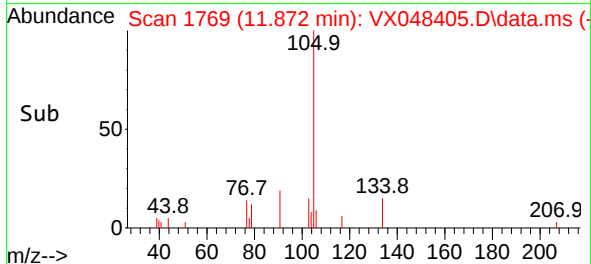
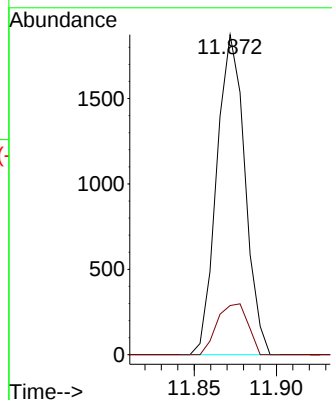
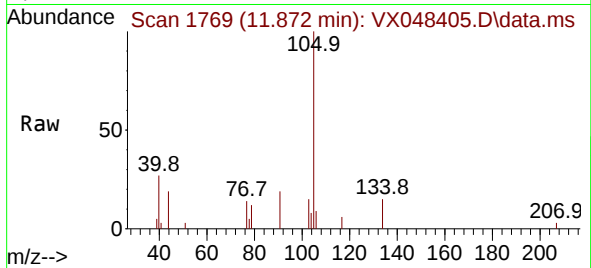




#85
 sec-Butylbenzene
 Concen: 0.271 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VX048405.D
 Acq: 29 Oct 2025 10:31

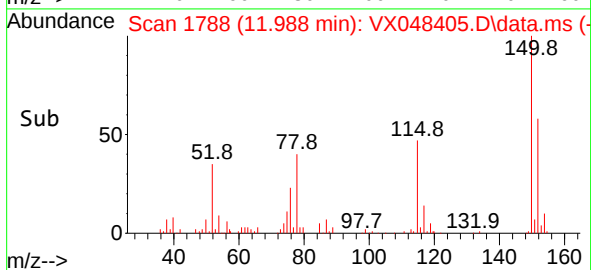
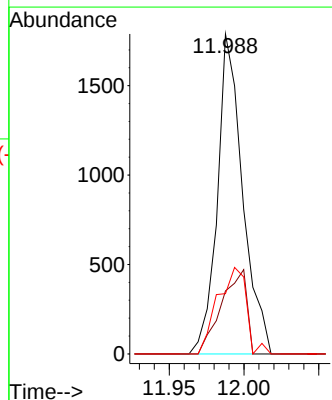
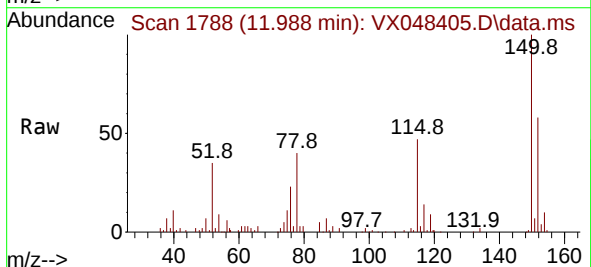
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

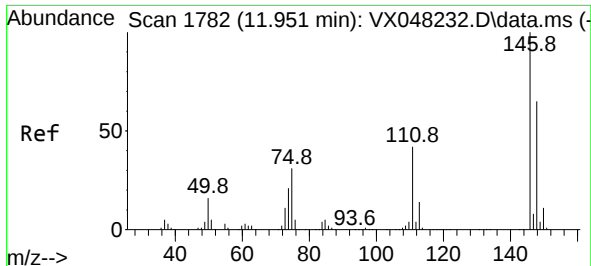
Tgt Ion:105 Resp: 2235
 Ion Ratio Lower Upper
 105 100
 134 17.3 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 0.301 ug/l
 RT: 11.988 min Scan# 1788
 Delta R.T. 0.000 min
 Lab File: VX048405.D
 Acq: 29 Oct 2025 10:31

Tgt Ion:119 Resp: 2103
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.0 39.0
 91 30.5 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 0.390 ug/l

RT: 11.957 min Scan# 1783

Delta R.T. 0.006 min

Lab File: VX048405.D

Acq: 29 Oct 2025 10:31

Instrument :

MSVOA_X

ClientSampleId :

IBLK

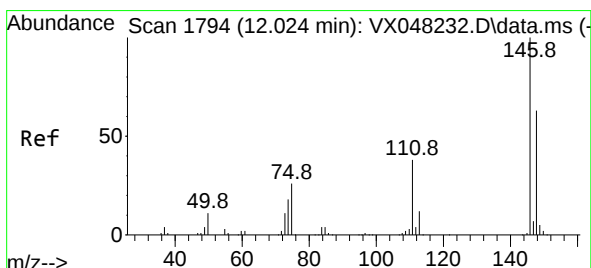
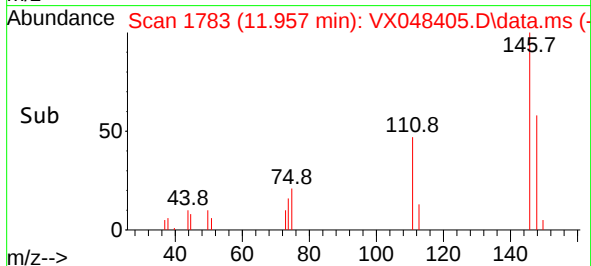
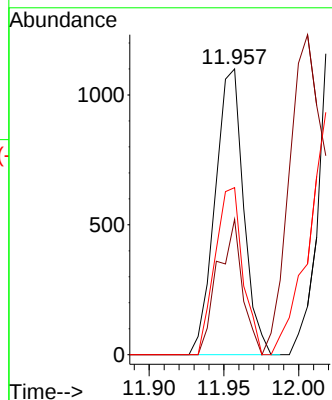
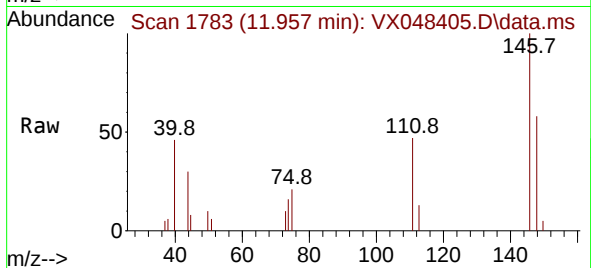
Tgt Ion:146 Resp: 1460

Ion Ratio Lower Upper

146 100

111 40.9 20.4 61.2

148 56.9 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 0.383 ug/l

RT: 11.957 min Scan# 1783

Delta R.T. -0.067 min

Lab File: VX048405.D

Acq: 29 Oct 2025 10:31

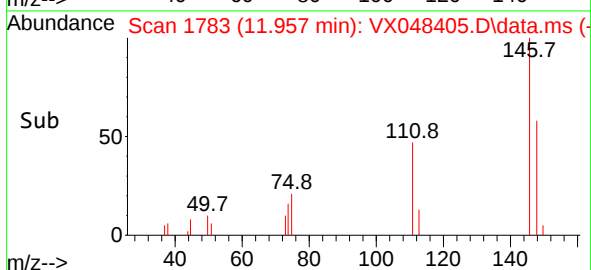
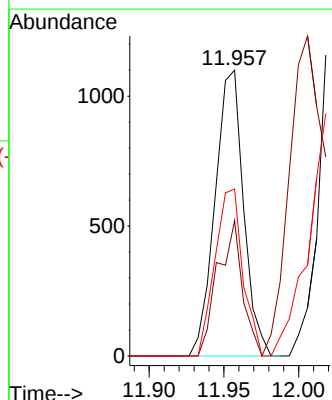
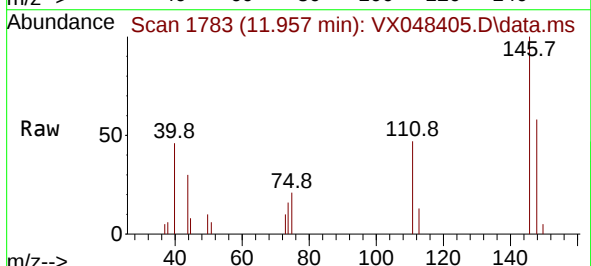
Tgt Ion:146 Resp: 1460

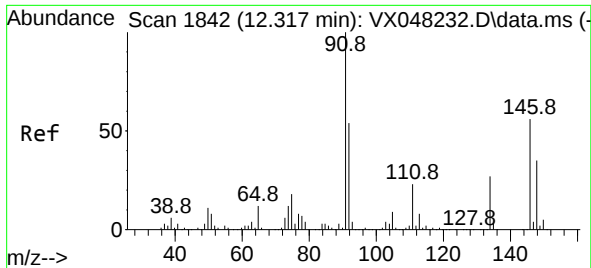
Ion Ratio Lower Upper

146 100

111 40.9 20.1 60.2

148 56.9 31.8 95.3

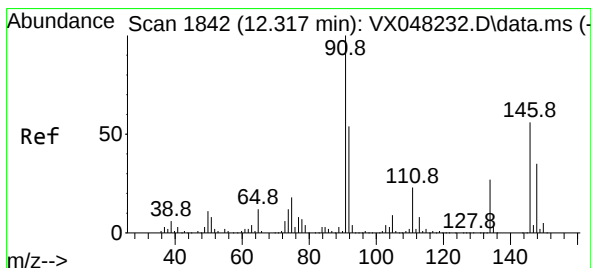
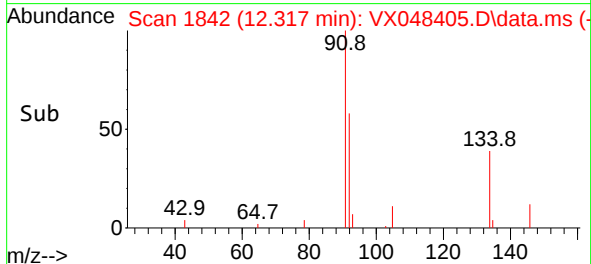
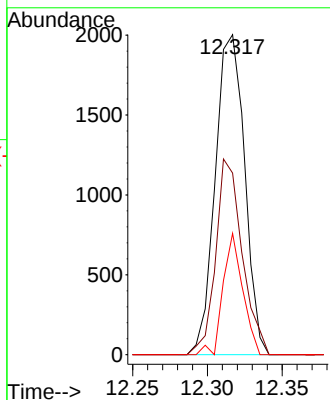
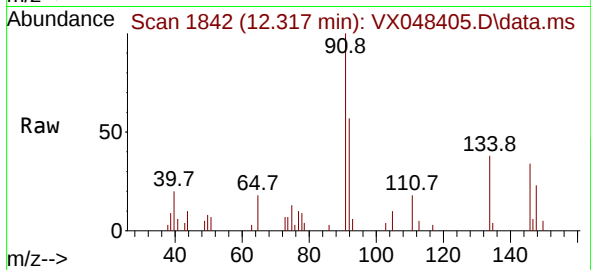




#89
n-Butylbenzene
Concen: 0.417 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VX048405.D
Acq: 29 Oct 2025 10:31

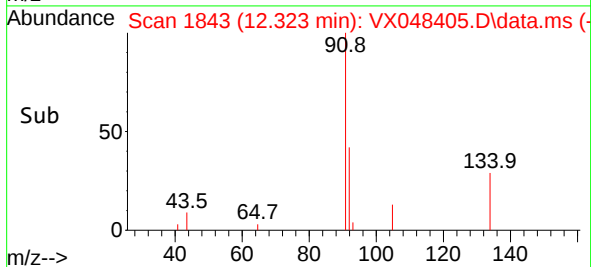
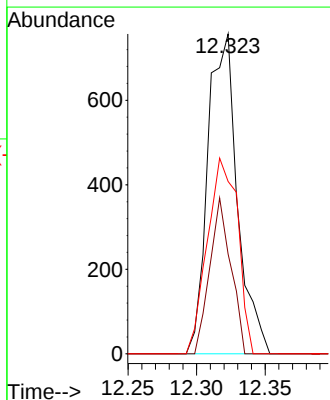
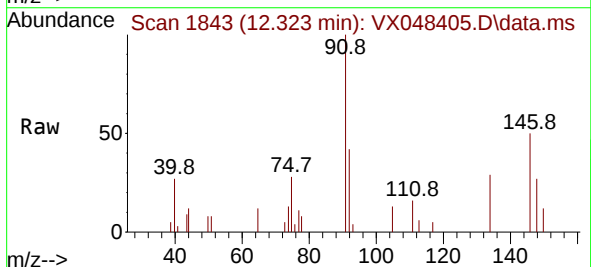
Instrument :
MSVOA_X
ClientSampleId :
IBLK

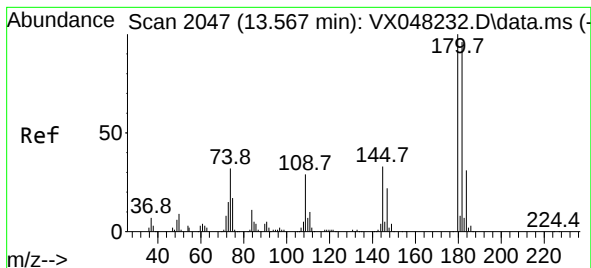
Tgt Ion: 91 Resp: 2736
Ion Ratio Lower Upper
91 100
92 55.3 26.9 80.6
134 25.3 12.7 38.1



#91
1,2-Dichlorobenzene
Concen: 0.327 ug/l
RT: 12.323 min Scan# 1843
Delta R.T. 0.006 min
Lab File: VX048405.D
Acq: 29 Oct 2025 10:31

Tgt Ion: 146 Resp: 1134
Ion Ratio Lower Upper
146 100
111 34.7 21.9 65.5
148 63.0 31.9 95.5





#93

1,2,4-Trichlorobenzene

Concen: 0.764 ug/l

RT: 13.573 min Scan# 2047

Delta R.T. 0.006 min

Lab File: VX048405.D

Acq: 29 Oct 2025 10:31

Instrument :

MSVOA_X

ClientSampleId :

IBLK

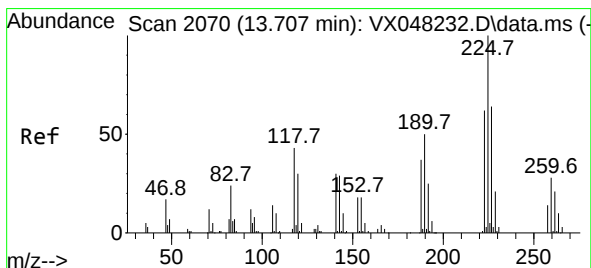
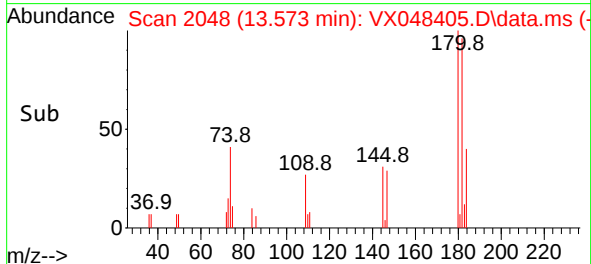
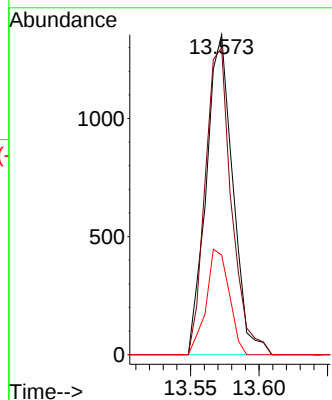
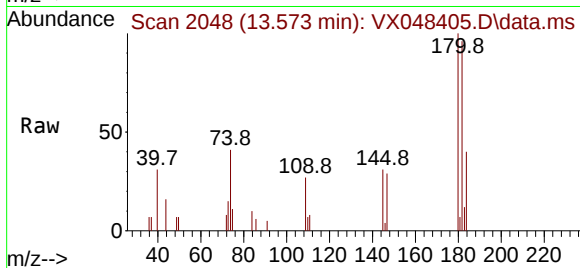
Tgt Ion:180 Resp: 1831

Ion Ratio Lower Upper

180 100

182 94.8 47.3 142.0

145 28.5 16.3 48.9



#94

Hexachlorobutadiene

Concen: 1.048 ug/l

RT: 13.701 min Scan# 2069

Delta R.T. -0.006 min

Lab File: VX048405.D

Acq: 29 Oct 2025 10:31

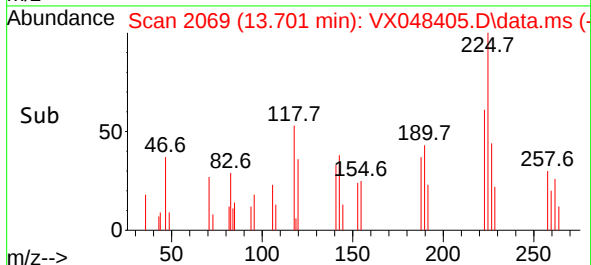
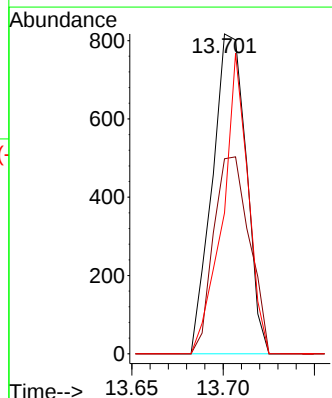
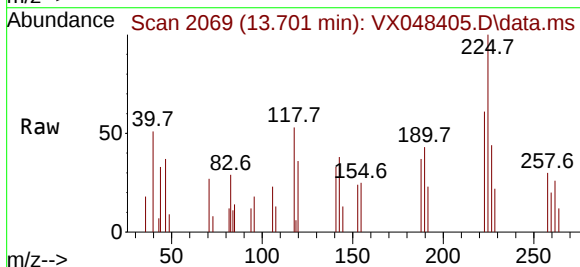
Tgt Ion:225 Resp: 1053

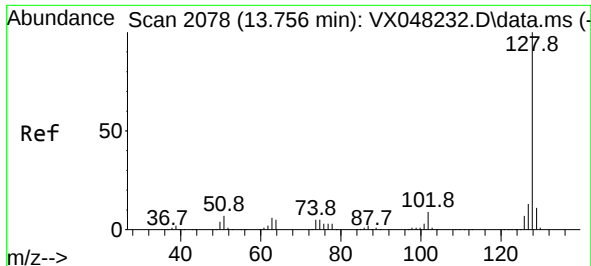
Ion Ratio Lower Upper

225 100

223 65.3 32.6 97.7

227 70.6 32.5 97.4

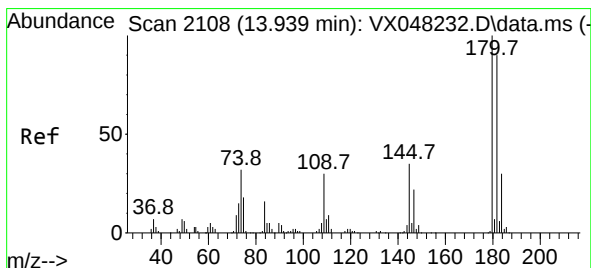
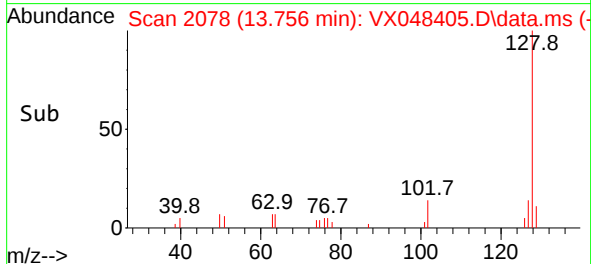
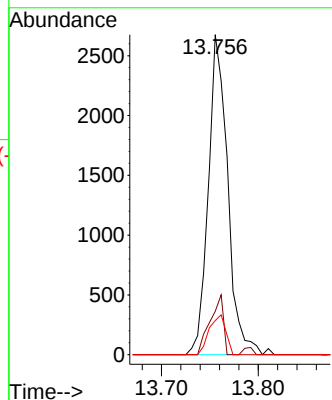
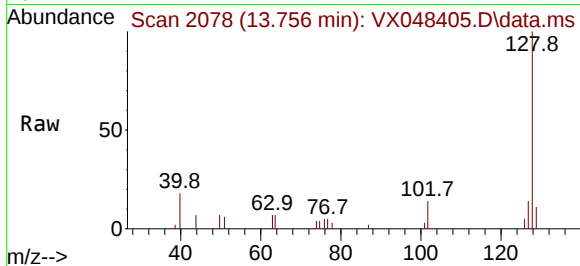




#95
Naphthalene
Concen: 0.619 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. 0.000 min
Lab File: VX048405.D
Acq: 29 Oct 2025 10:31

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:	128	Resp:	3747
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	10.6	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 0.852 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VX048405.D
Acq: 29 Oct 2025 10:31

Tgt Ion:	180	Resp:	1855
Ion	Ratio	Lower	Upper
180	100		
182	95.0	46.6	139.7
145	34.9	16.9	50.7

