

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072525\
 Data File : VX047147.D
 Acq On : 25 Jul 2025 17:06
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jul 26 05:47:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X072525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jul 26 05:39:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.916	128	36669	30.000	ug/l	# 0.00
28) 1,4-Difluorobenzene	6.769	114	356028	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	325180	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.970	65	144815	31.275	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 104.267%	
60) 4-Bromofluorobenzene	11.079	95	162963	30.756	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 102.533%	
63) Toluene-d8	8.653	98	419892	29.646	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 98.833%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.313	50	1012	0.270	ug/l	96
5) Bromomethane	1.636	94	1017	0.540	ug/l	89
11) Methyl Iodide	2.477	142	5447	0.951	ug/l	# 49
14) Acrylonitrile	3.081	53	856	0.449	ug/l	# 1
15) Acetone	2.398	58	1647	3.522	ug/l	# 50
23) tert-Butyl Alcohol	2.953	59	340	0.642	ug/l	# 100
37) Trichloroethene	7.147	130	937	0.227	ug/l	85
38) Methylcyclohexane	7.391	83	2321	0.325	ug/l	92
45) 1,4-Dioxane	7.696	88	83	1.428	ug/l	# 63
53) Dibromochloromethane	9.275	129	754	0.528	ug/l	# 1
56) Bromoform	10.811	173	191	3.297	ug/l	# 1
58) 4-Methyl-2-Pentanone	8.592	43	2942	0.519	ug/l	# 86
64) Chlorobenzene	10.079	112	2495	0.214	ug/l	# 86
67) m/p-Xylenes	10.305	106	3185	0.413	ug/l	96
69) Styrene	10.665	104	2563	0.201	ug/l	91
70) Isopropylbenzene	10.963	105	4785	0.242	ug/l	95
72) 1,2,3-Trichloropropane	11.238	75	947	0.209	ug/l	69
73) Bromobenzene	11.201	156	952	0.201	ug/l	28
74) n-propylbenzene	11.305	91	9227	0.388	ug/l	95
75) 2-Chlorotoluene	11.366	91	3799	0.270	ug/l	91
76) 1,3,5-Trimethylbenzene	11.451	105	6046	0.371	ug/l	92
78) 4-Chlorotoluene	11.457	91	7063	0.435	ug/l	95
79) tert-butylbenzene	11.713	119	6174	0.379	ug/l	89
80) 1,2,4-Trimethylbenzene	11.750	105	6618	0.409	ug/l	90
81) sec-Butylbenzene	11.890	105	12492	0.614	ug/l	97
82) p-Isopropyltoluene	12.006	119	10816	0.640	ug/l	98
83) 1,3-Dichlorobenzene	11.976	146	5279	0.596	ug/l	97
84) 1,4-Dichlorobenzene	12.043	146	6197	0.706	ug/l	96
85) n-Butylbenzene	12.335	91	16961	1.045	ug/l	96
86) Hexachloroethane	12.530	117	541	0.232	ug/l	# 1
87) 1,2-Dichlorobenzene	12.335	146	4042	0.487	ug/l	88
88) 1,2-Dibromo-3-Chloropr...	12.945	75	562	0.442	ug/l	# 72
89) 1,2,4-Trichlorobenzene	13.591	180	10901	1.898	ug/l	97
90) Hexachlorobutadiene	13.725	225	10116	7.944	ug/l	73
91) Naphthalene	13.774	128	42672	2.201	ug/l	100
92) 1,2,3-Trichlorobenzene	13.957	180	11391	2.067	ug/l	94

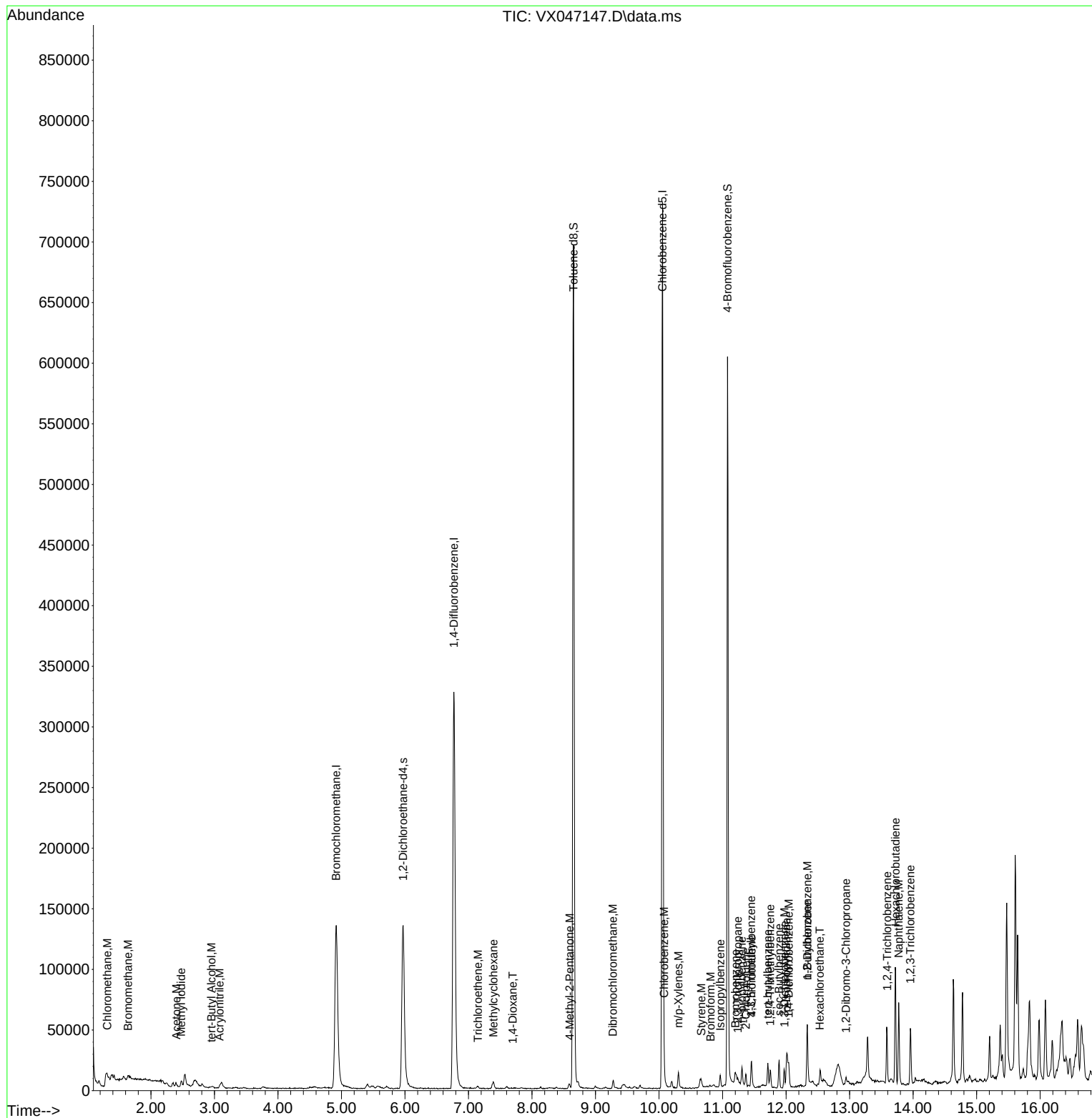
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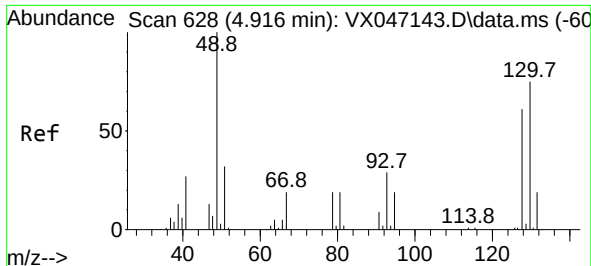
Instrument :
MSVOA_X
ClientSampleId :
IBLK

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QLast Update : Sat Jul 26 05:39:32 2025
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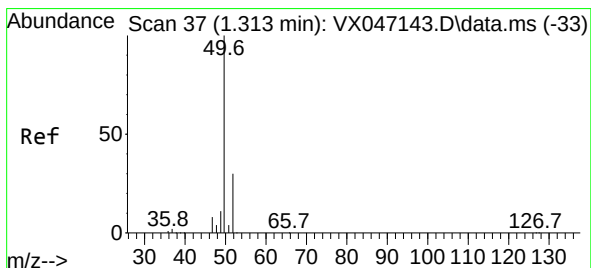
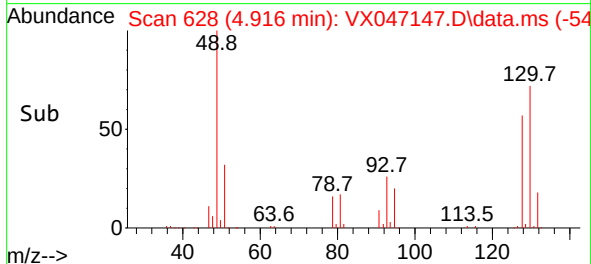
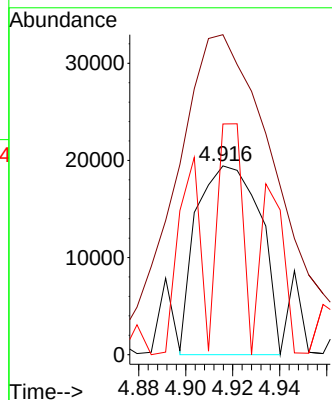
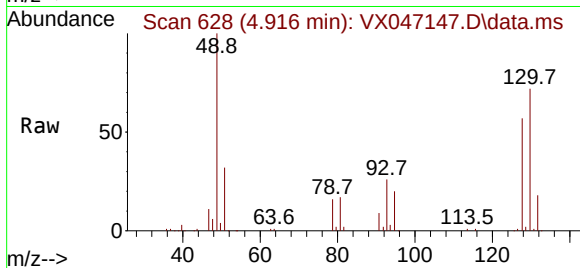




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX047147.D
Acq: 25 Jul 2025 17:06

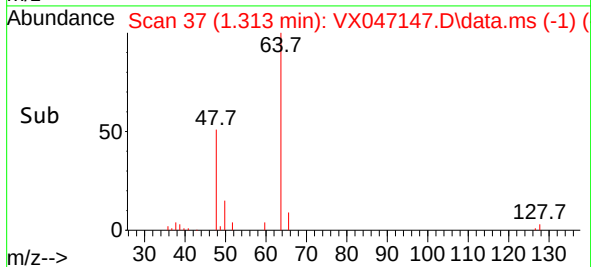
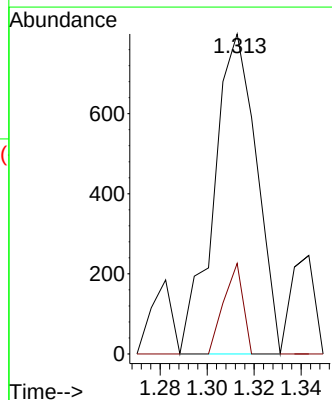
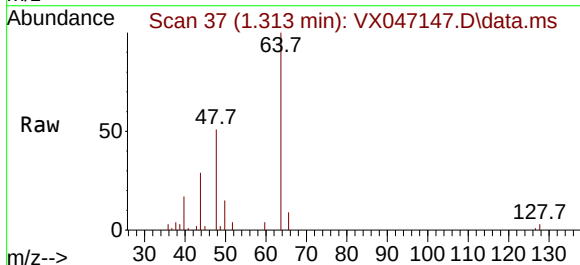
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MSVOA_X
ClientSampleId :
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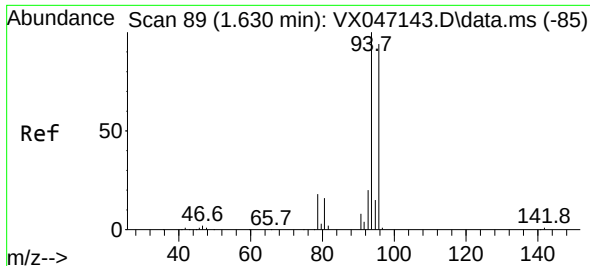
Tgt Ion:128 Resp: 36669
Ion Ratio Lower Upper
128 100
49 283.4 0.0 0.0#
130 47.4 0.0 0.0#



#3
Chloromethane
Concen: 0.270 ug/l
RT: 1.313 min Scan# 37
Delta R.T. 0.000 min
Lab File: VX047147.D
Acq: 25 Jul 2025 17:06

Tgt Ion: 50 Resp: 1012
Ion Ratio Lower Upper
50 100
52 28.3 24.4 36.6

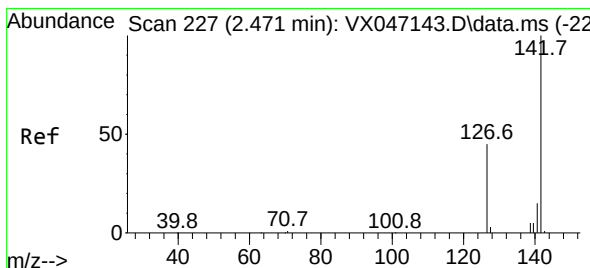
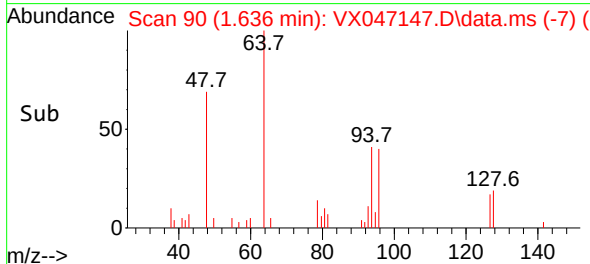
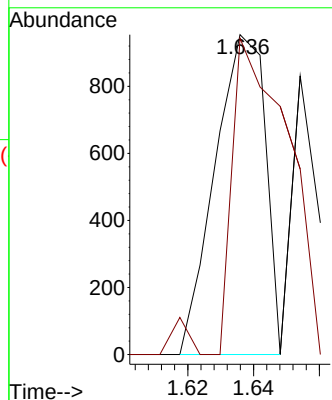
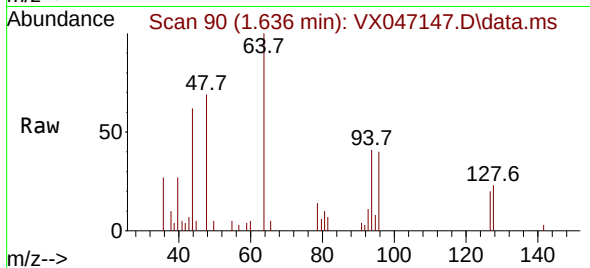




#5
Bromomethane
Concen: 0.540 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.006 min
Lab File: VX047147.D
Acq: 25 Jul 2025 17:06

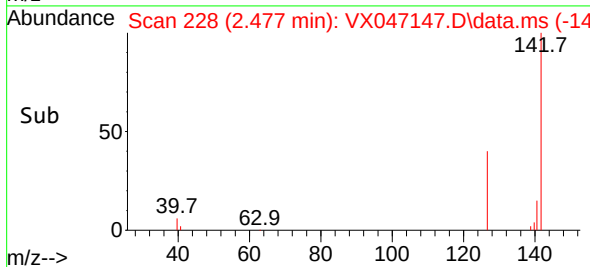
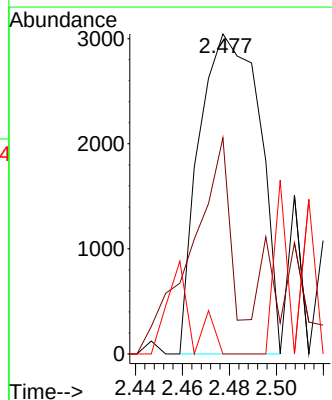
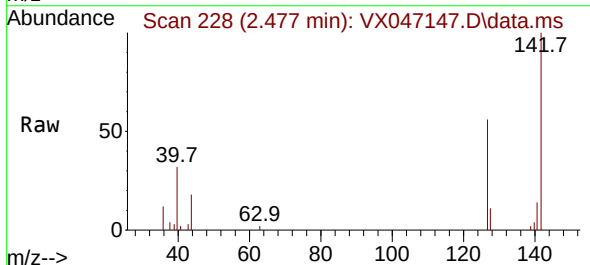
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MSVOA_X
ClientSampleId :
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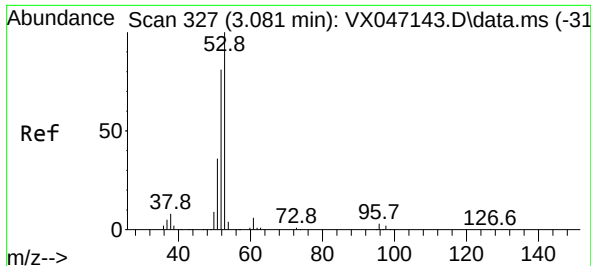
Tgt Ion: 94 Resp: 1017
Ion Ratio Lower Upper
94 100
96 73.0 66.0 99.0



#11
Methyl Iodide
Concen: 0.951 ug/l
RT: 2.477 min Scan# 228
Delta R.T. 0.006 min
Lab File: VX047147.D
Acq: 25 Jul 2025 17:06

Tgt Ion: 142 Resp: 5447
Ion Ratio Lower Upper
142 100
127 45.1 0.9 2.8#
141 58.4 55.5 166.5

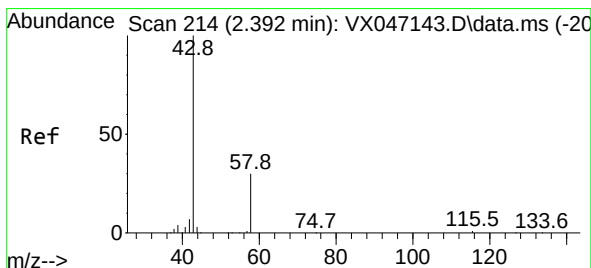
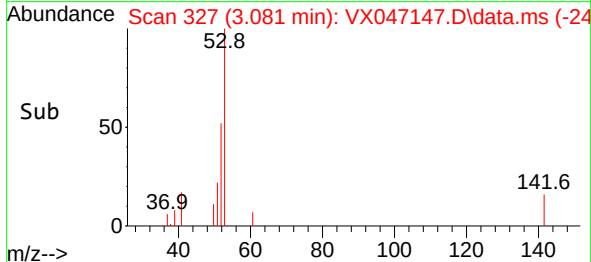
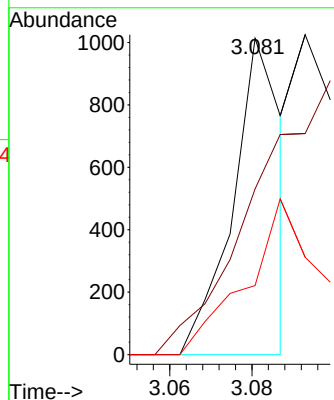
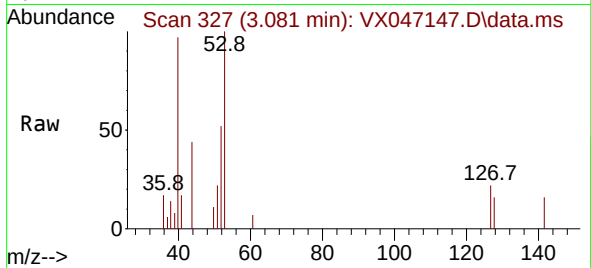




#14
Acrylonitrile
Concen: 0.449 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047147.D
Acq: 25 Jul 2025 17:06

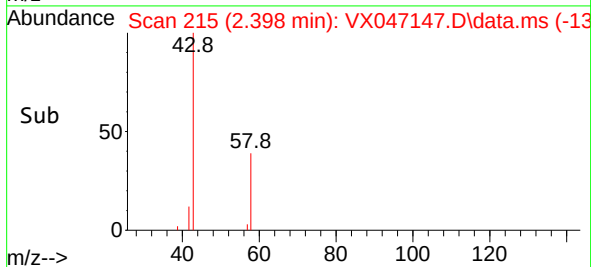
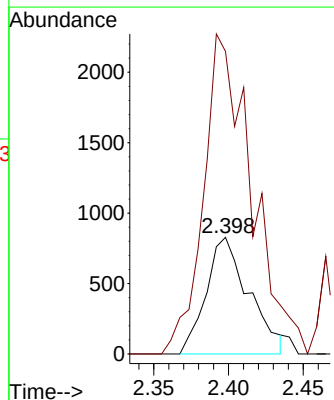
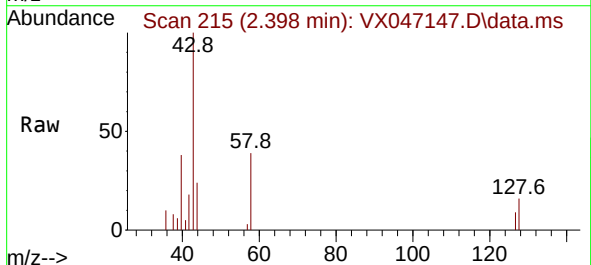
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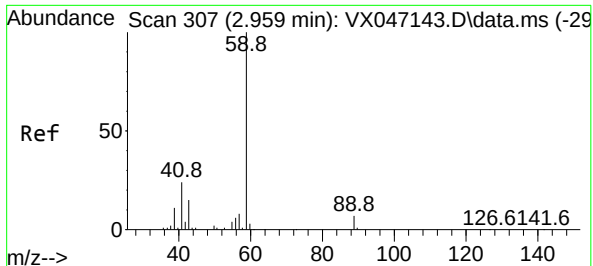
Tgt Ion: 53 Resp: 856
Ion Ratio Lower Upper
53 100
52 225.8 41.3 123.7#
51 66.9 17.2 51.5#



#15
Acetone
Concen: 3.522 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX047147.D
Acq: 25 Jul 2025 17:06

Tgt Ion: 58 Resp: 1647
Ion Ratio Lower Upper
58 100
43 228.1 266.9 400.3#

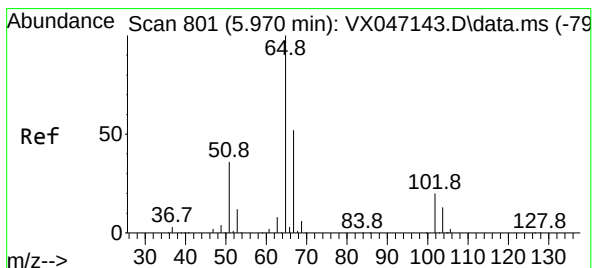
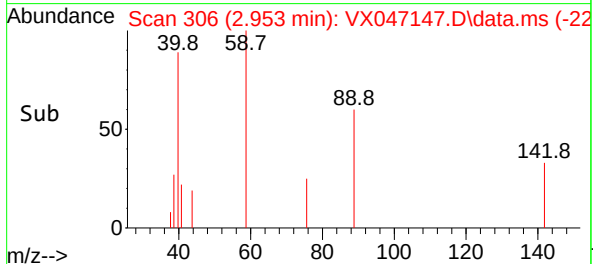
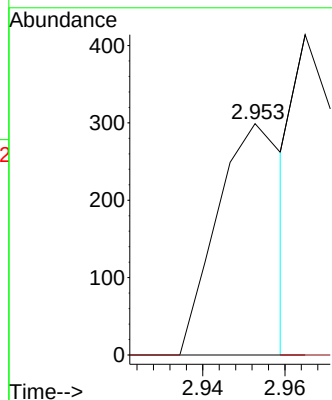
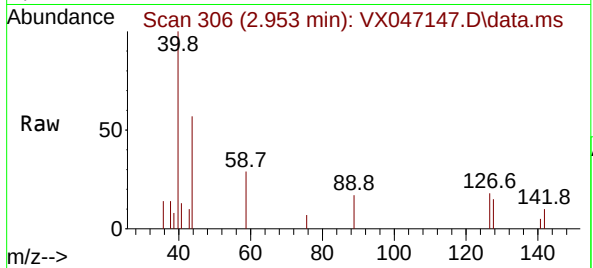




#23
tert-Butyl Alcohol
Concen: 0.642 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX047147.D
Acq: 25 Jul 2025 17:06

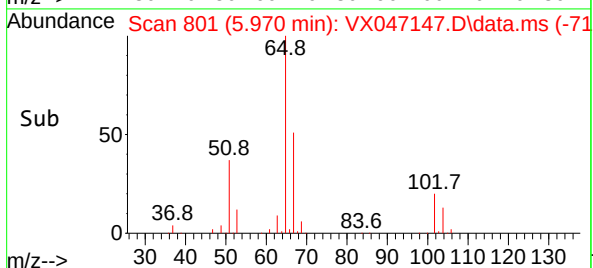
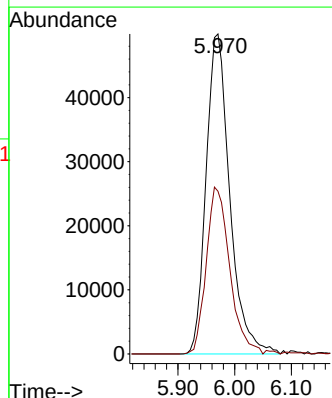
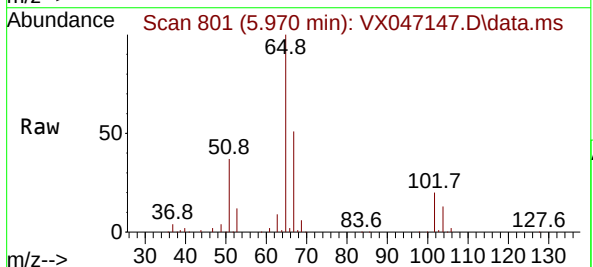
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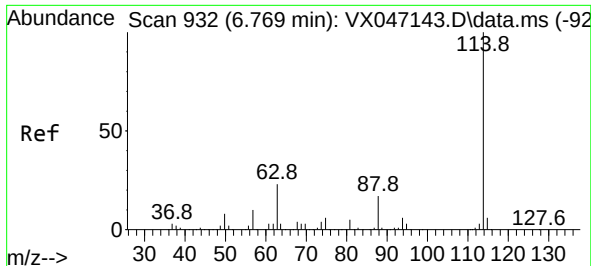
Tgt Ion: 59 Resp: 340
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.2#



#27
1,2-Dichloroethane-d4
Concen: 31.275 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.000 min
Lab File: VX047147.D
Acq: 25 Jul 2025 17:06

Tgt Ion: 65 Resp: 144815
Ion Ratio Lower Upper
65 100
67 51.7 40.7 61.1

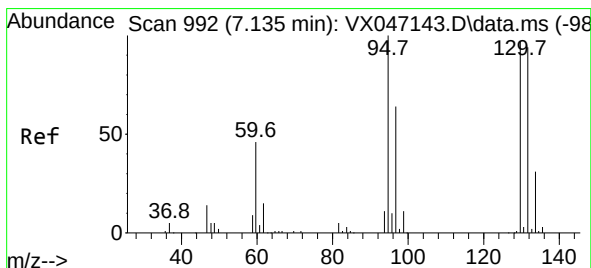
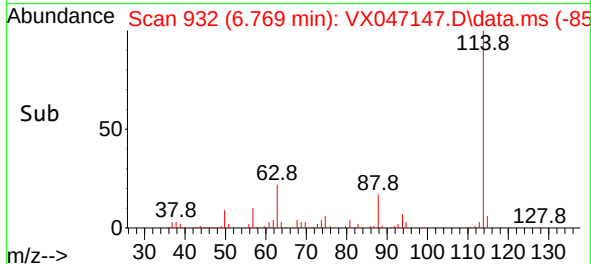
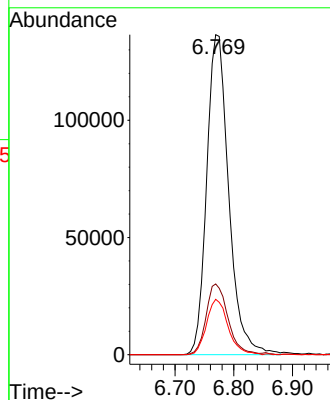
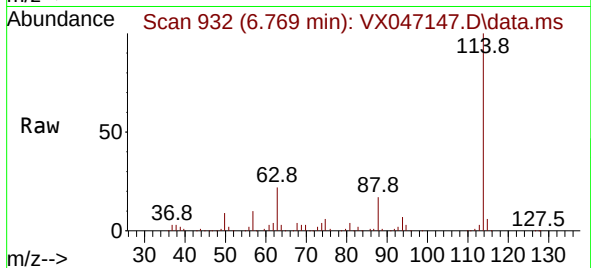




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX047147.D
Acq: 25 Jul 2025 17:06

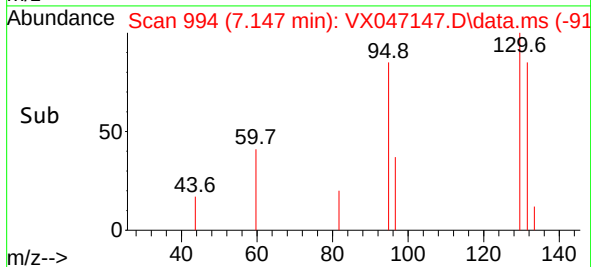
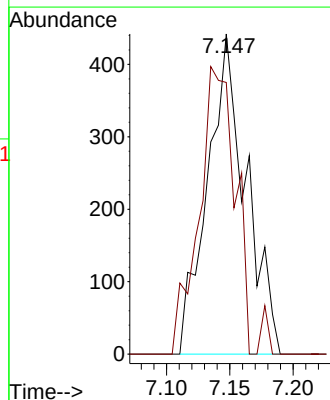
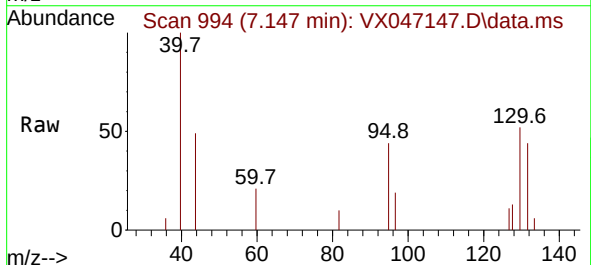
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IBLK

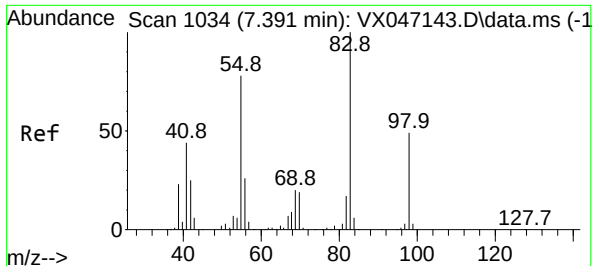
Tgt Ion:114 Resp: 356028
Ion Ratio Lower Upper
114 100
63 21.9 17.4 26.0
88 16.9 13.0 19.6



#37
Trichloroethene
Concen: 0.227 ug/l
RT: 7.147 min Scan# 994
Delta R.T. 0.012 min
Lab File: VX047147.D
Acq: 25 Jul 2025 17:06

Tgt Ion:130 Resp: 937
Ion Ratio Lower Upper
130 100
95 84.8 79.4 119.2





#38

Methylcyclohexane

Concen: 0.325 ug/l

RT: 7.391 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VX047147.D

Acq: 25 Jul 2025 17:06

Instrument :

MSVOA_X

ClientSampleId :

IBLK

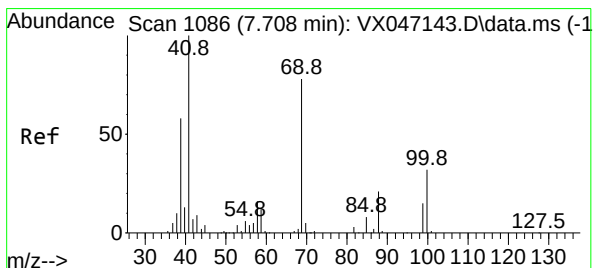
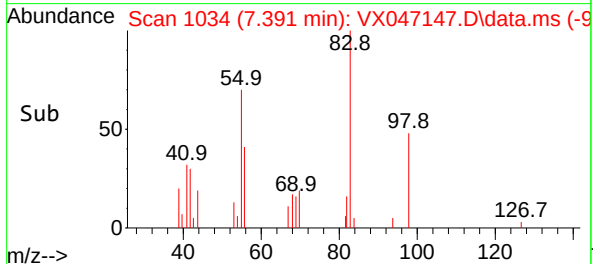
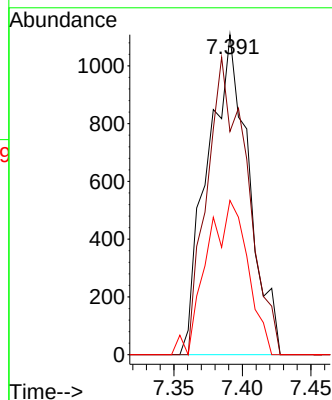
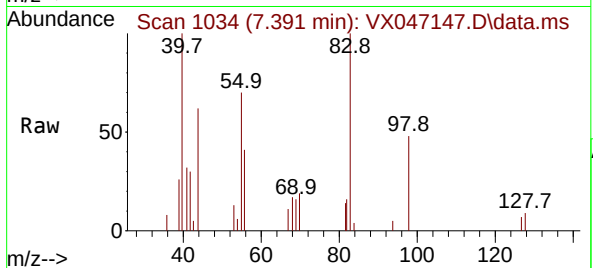
Tgt Ion: 83 Resp: 2321

Ion Ratio Lower Upper

83 100

55 90.0 40.3 120.8

98 47.0 24.3 72.9



#45

1,4-Dioxane

Concen: 1.428 ug/l

RT: 7.696 min Scan# 1084

Delta R.T. -0.012 min

Lab File: VX047147.D

Acq: 25 Jul 2025 17:06

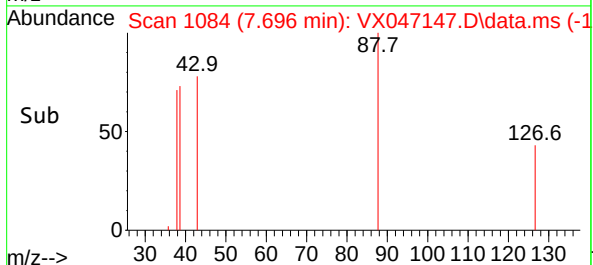
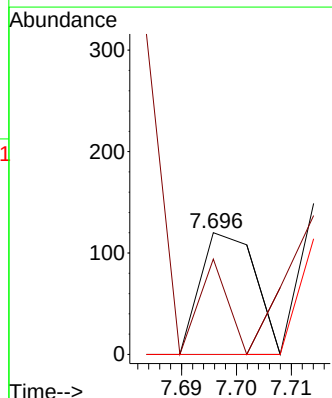
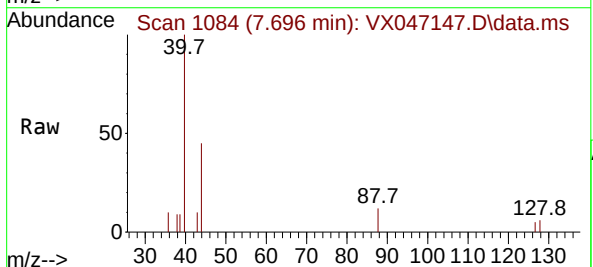
Tgt Ion: 88 Resp: 83

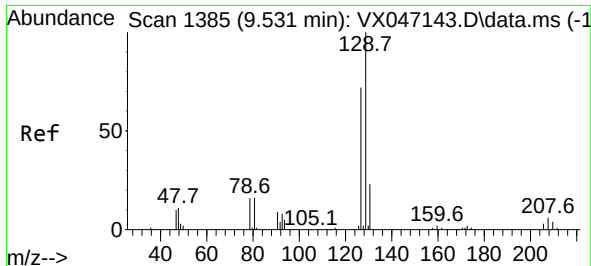
Ion Ratio Lower Upper

88 100

43 41.0 30.2 45.2

58 0.0 33.3 49.9#

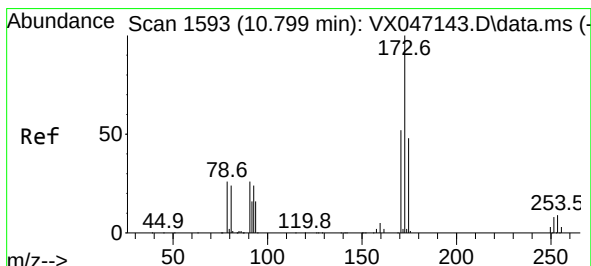
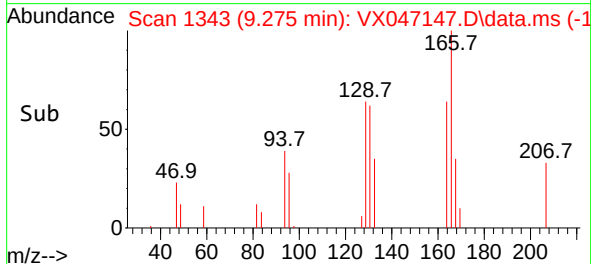
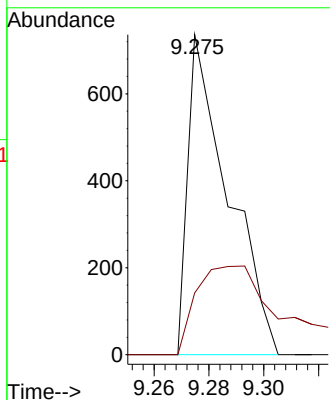
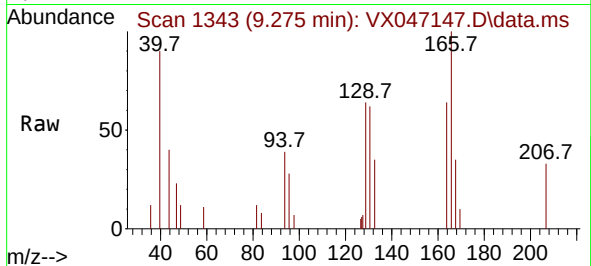




#53
Dibromochloromethane
Concen: 0.528 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.256 min
Lab File: VX047147.D
Acq: 25 Jul 2025 17:06

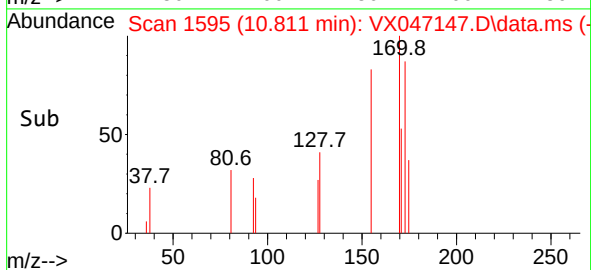
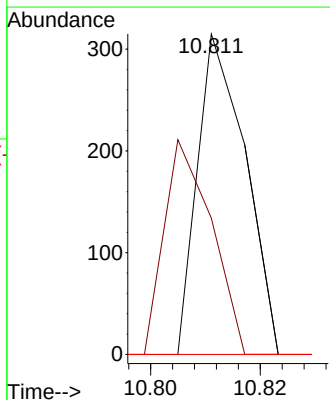
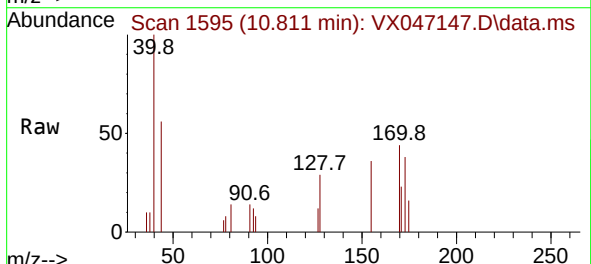
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MSVOA_X
ClientSampleId :
IBLK

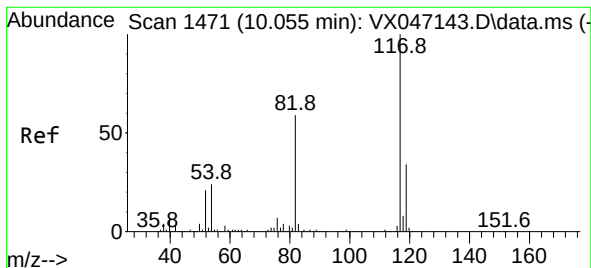
Tgt Ion:129 Resp: 754
Ion Ratio Lower Upper
129 100
127 56.8 125.0 374.9#



#56
Bromoform
Concen: 3.297 ug/l
RT: 10.811 min Scan# 1595
Delta R.T. 0.012 min
Lab File: VX047147.D
Acq: 25 Jul 2025 17:06

Tgt Ion:173 Resp: 191
Ion Ratio Lower Upper
173 100
175 66.0 2.6 3.8#
254 0.0 2.2 3.2#

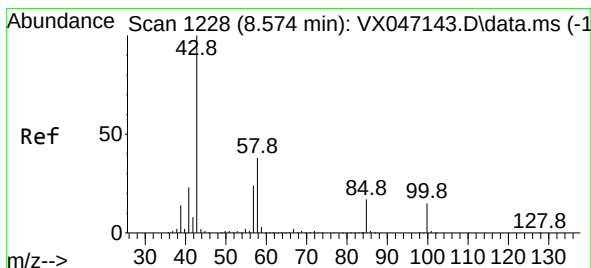
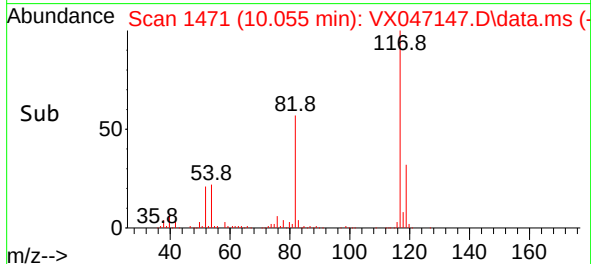
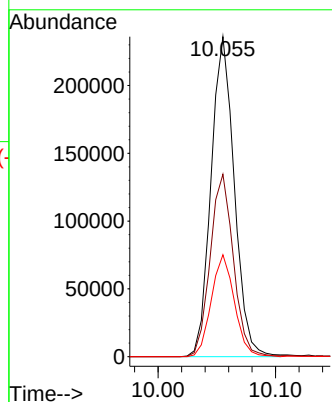
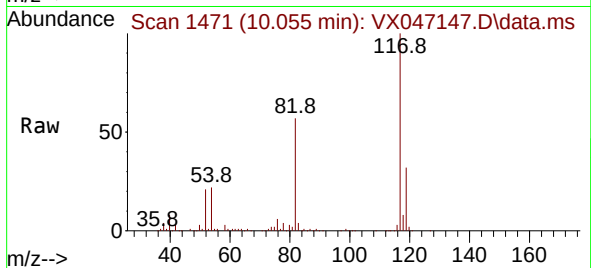




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047147.D
Acq: 25 Jul 2025 17:06

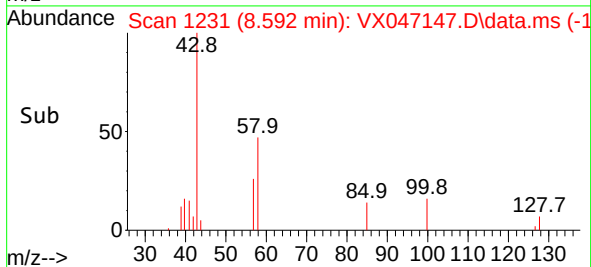
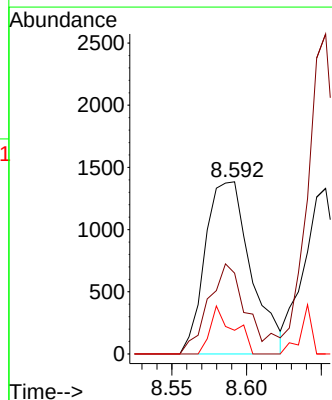
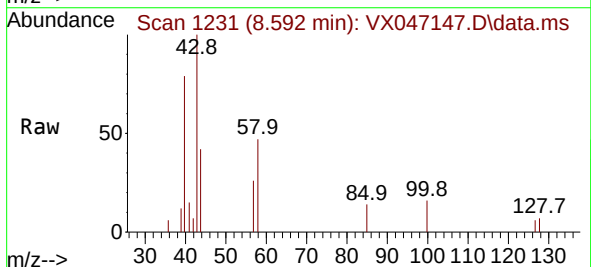
Instrument :
MSVOA_X
ClientSampleId :
IBLK

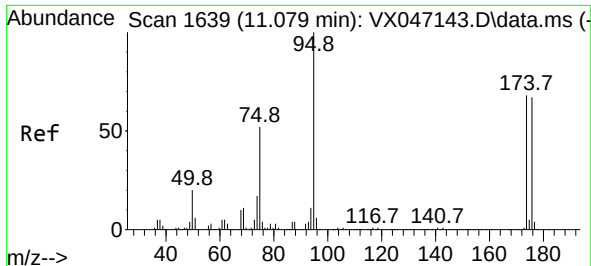
Tgt Ion: 117 Resp: 325180
Ion Ratio Lower Upper
117 100
82 56.7 46.0 69.0
119 31.6 25.8 38.8



#58
4-Methyl-2-Pentanone
Concen: 0.519 ug/l
RT: 8.592 min Scan# 1231
Delta R.T. 0.018 min
Lab File: VX047147.D
Acq: 25 Jul 2025 17:06

Tgt Ion: 43 Resp: 2942
Ion Ratio Lower Upper
43 100
58 41.5 30.6 45.8
85 2.9 13.4 20.2#

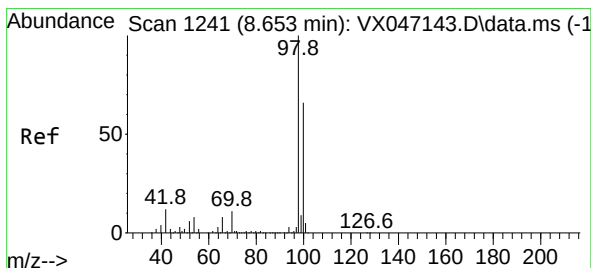
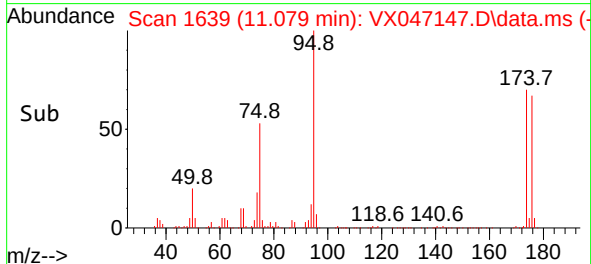
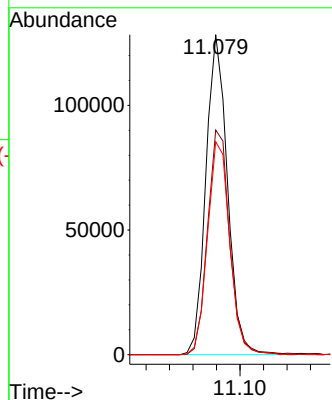
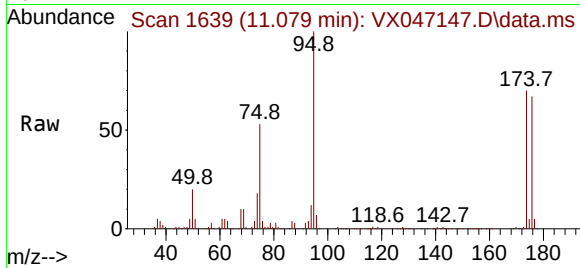




#60
4-Bromofluorobenzene
Concen: 30.756 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047147.D
Acq: 25 Jul 2025 17:06

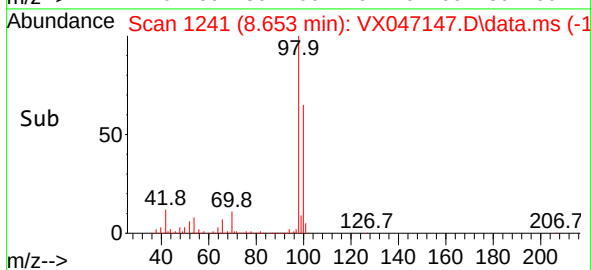
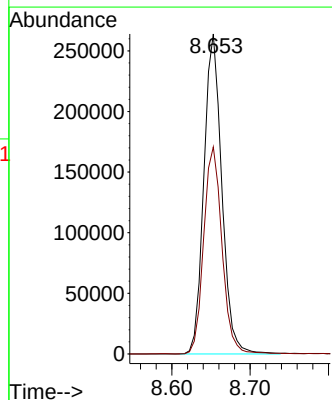
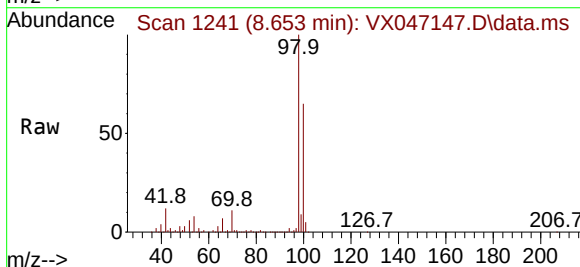
Instrument :
MSVOA_X
ClientSampleId :
IBLK

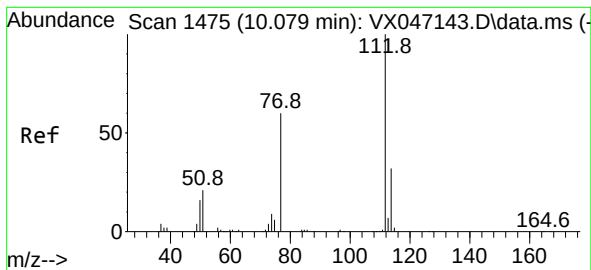
Tgt Ion: 95 Resp: 162963
Ion Ratio Lower Upper
95 100
174 72.1 57.5 86.3
176 68.8 56.4 84.6



#63
Toluene-d8
Concen: 29.646 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047147.D
Acq: 25 Jul 2025 17:06

Tgt Ion: 98 Resp: 419892
Ion Ratio Lower Upper
98 100
100 65.8 52.9 79.3

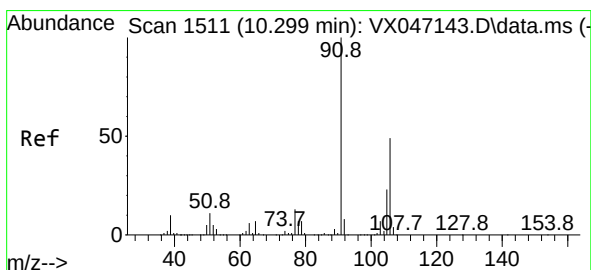
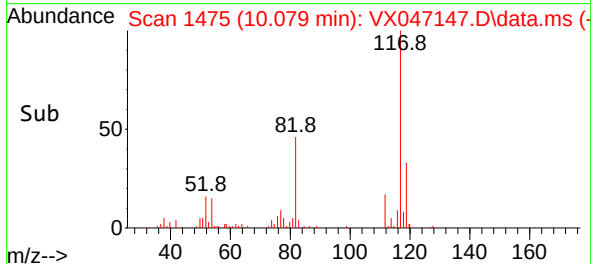
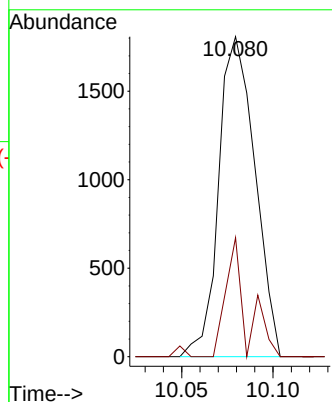
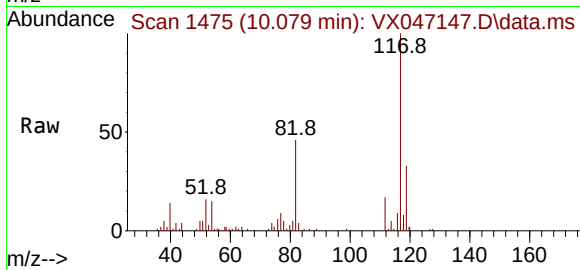




#64
Chlorobenzene
Concen: 0.214 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX047147.D
Acq: 25 Jul 2025 17:06

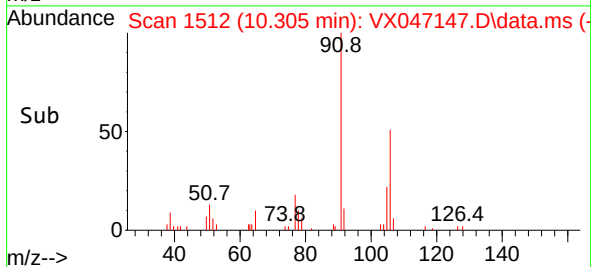
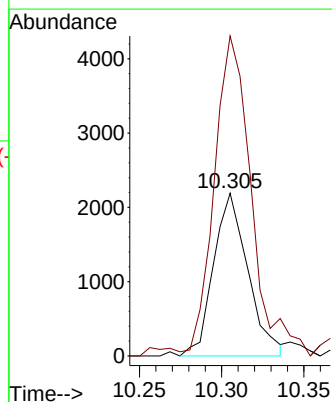
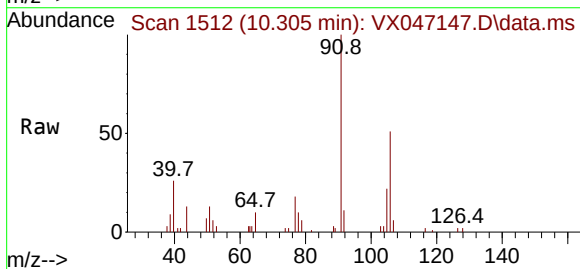
Instrument :
MSVOA_X
ClientSampleId :
IBLK

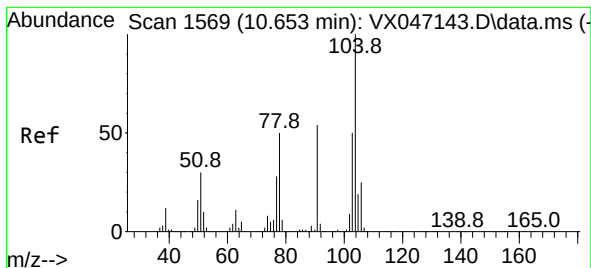
Tgt Ion:112 Resp: 2495
Ion Ratio Lower Upper
112 100
114 37.2 23.6 35.4#



#67
m/p-Xylenes
Concen: 0.413 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX047147.D
Acq: 25 Jul 2025 17:06

Tgt Ion:106 Resp: 3185
Ion Ratio Lower Upper
106 100
91 212.0 164.4 246.6





#69

Styrene

Concen: 0.201 ug/l

RT: 10.665 min Scan# 1571

Delta R.T. 0.012 min

Lab File: VX047147.D

Acq: 25 Jul 2025 17:06

Instrument :

MSVOA_X

ClientSampleId :

IBLK

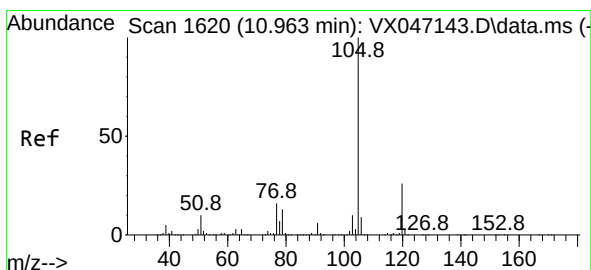
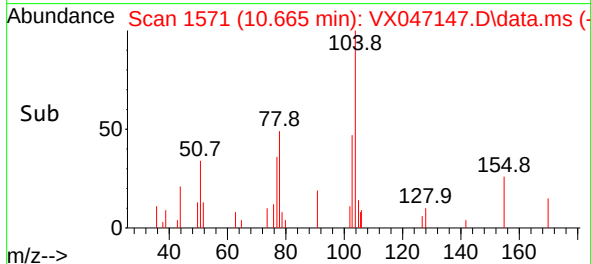
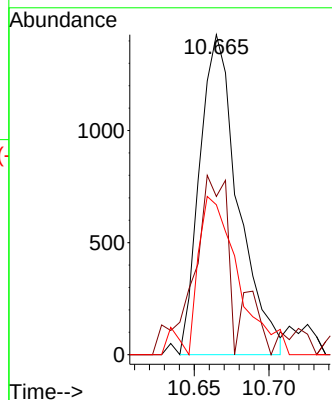
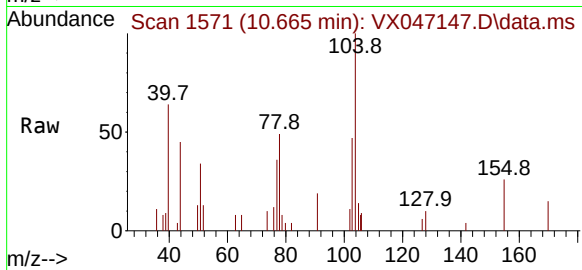
Tgt Ion:104 Resp: 2563

Ion Ratio Lower Upper

104 100

78 44.6 42.6 63.8

103 50.6 43.5 65.3



#70

Isopropylbenzene

Concen: 0.242 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX047147.D

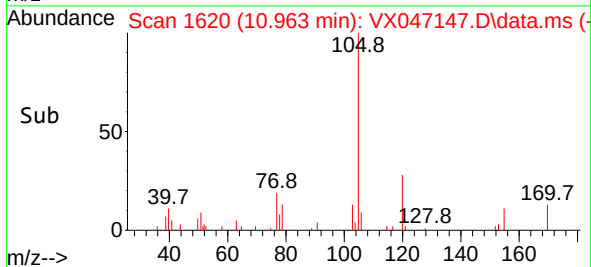
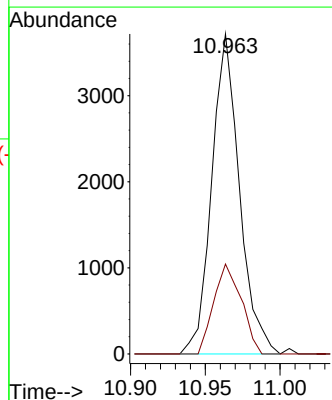
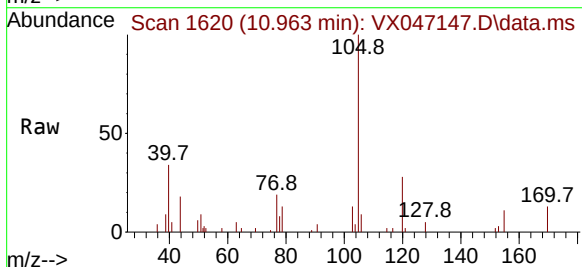
Acq: 25 Jul 2025 17:06

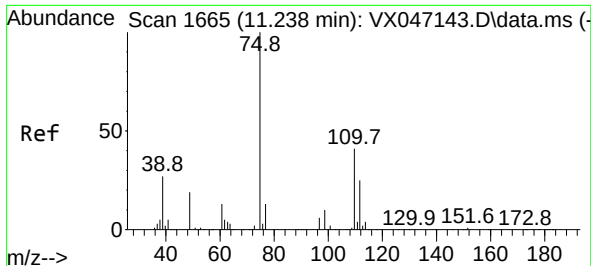
Tgt Ion:105 Resp: 4785

Ion Ratio Lower Upper

105 100

120 27.9 17.8 33.0

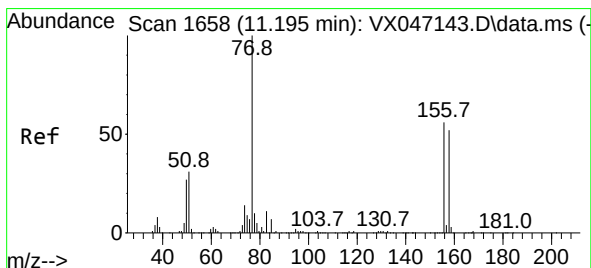
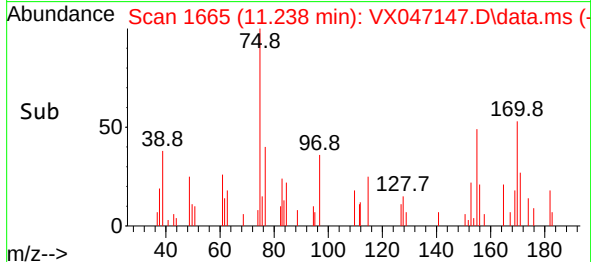
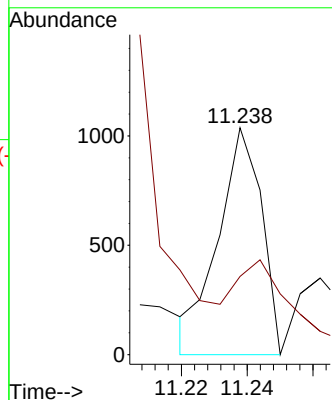
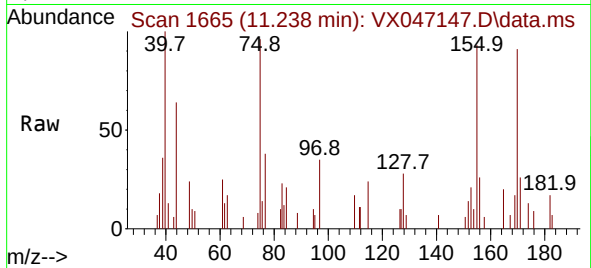




#72
1,2,3-Trichloropropane
Concen: 0.209 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX047147.D
Acq: 25 Jul 2025 17:06

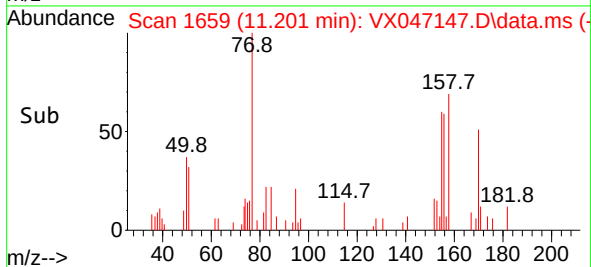
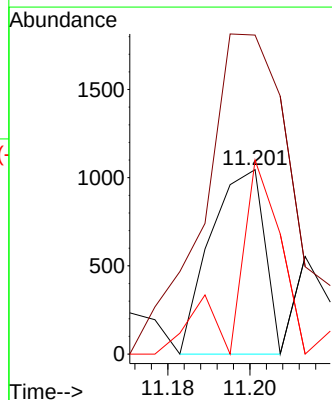
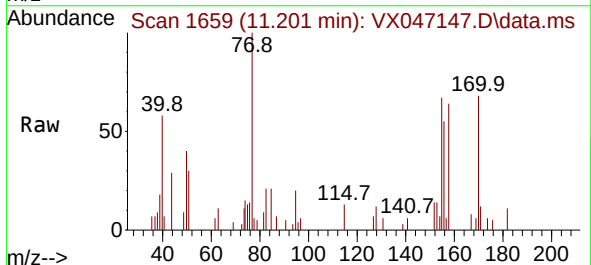
Instrument :
MSVOA_X
ClientSampleId :
IBLK

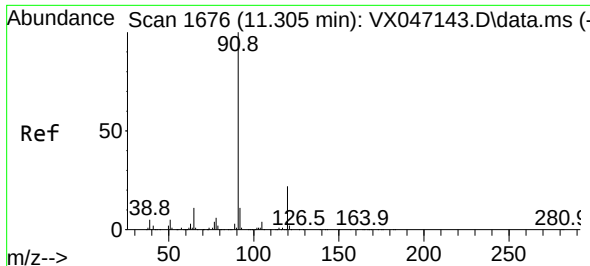
Tgt Ion: 75 Resp: 947
Ion Ratio Lower Upper
75 100
77 55.5 0.0 74.2



#73
Bromobenzene
Concen: 0.201 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX047147.D
Acq: 25 Jul 2025 17:06

Tgt Ion: 156 Resp: 952
Ion Ratio Lower Upper
156 100
77 304.4 0.0 340.8
158 68.5 0.0 189.0

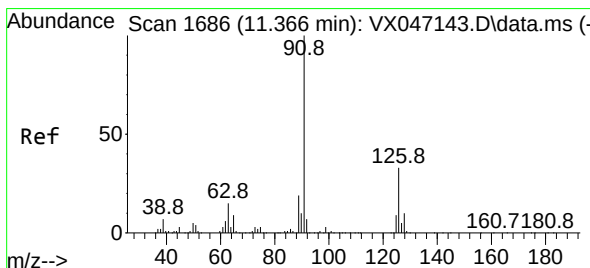
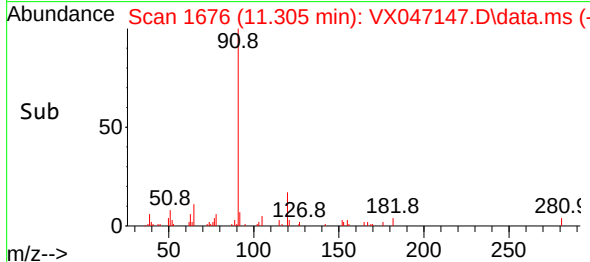
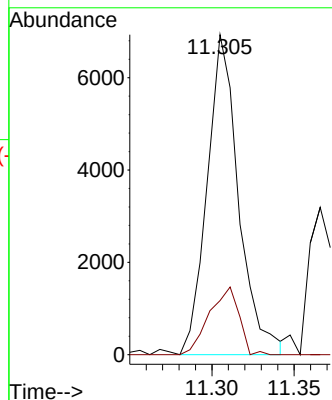
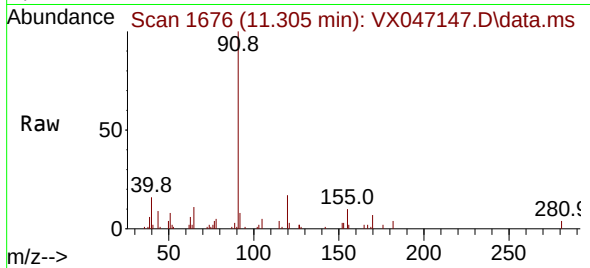




#74
n-propylbenzene
Concen: 0.388 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX047147.D
Acq: 25 Jul 2025 17:06

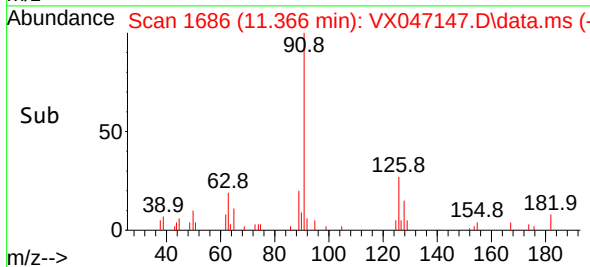
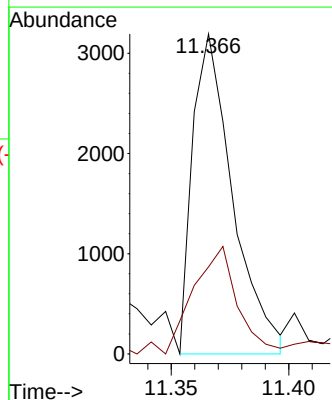
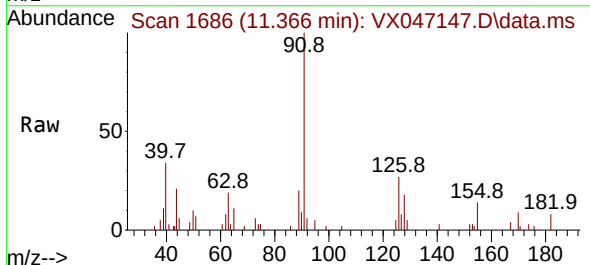
Instrument :
MSVOA_X
ClientSampleId :
IBLK

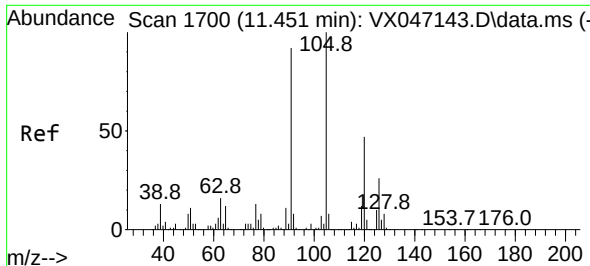
Tgt Ion: 91 Resp: 9227
Ion Ratio Lower Upper
91 100
120 19.6 0.0 44.4



#75
2-Chlorotoluene
Concen: 0.270 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX047147.D
Acq: 25 Jul 2025 17:06

Tgt Ion: 91 Resp: 3799
Ion Ratio Lower Upper
91 100
126 36.7 0.0 63.6

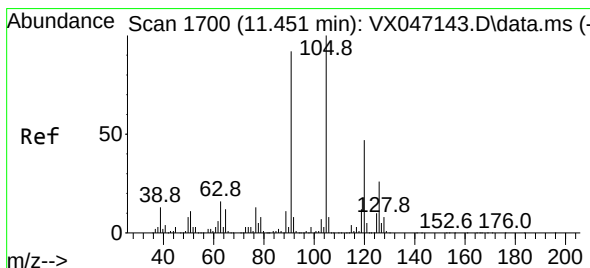
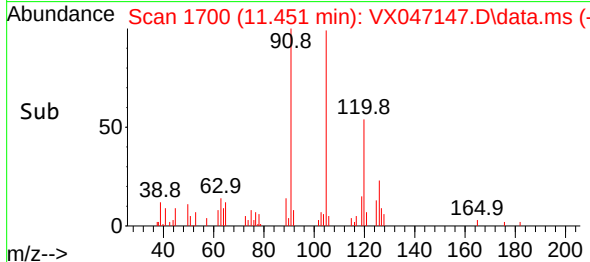
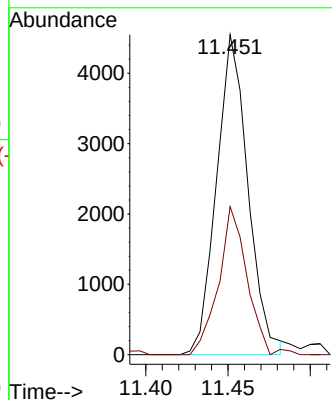
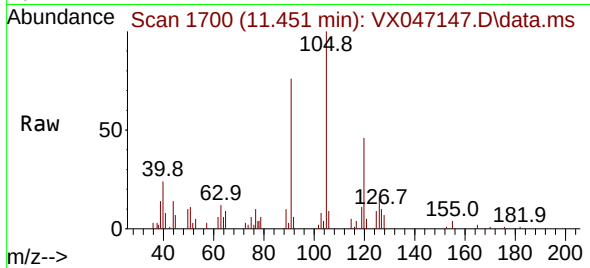




#76
1,3,5-Trimethylbenzene
Concen: 0.371 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047147.D
Acq: 25 Jul 2025 17:06

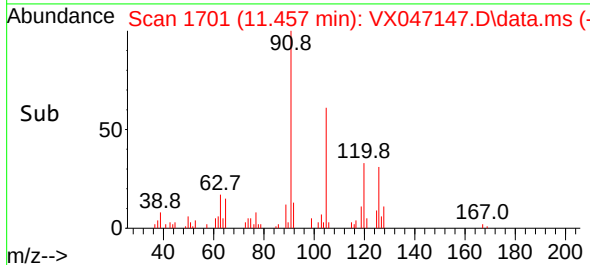
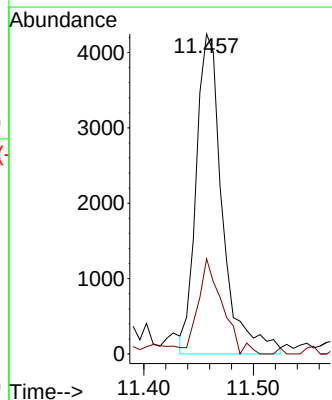
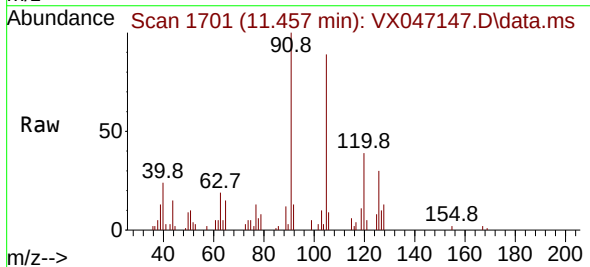
Instrument :
MSVOA_X
ClientSampleId :
IBLK

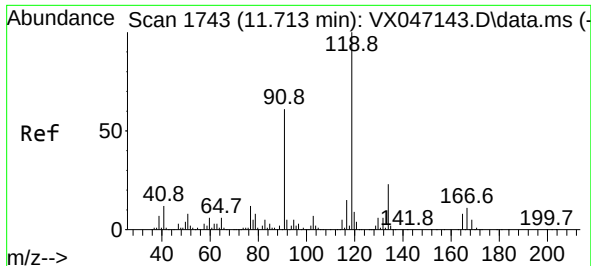
Tgt Ion:105 Resp: 6046
Ion Ratio Lower Upper
105 100
120 41.3 0.0 93.0



#78
4-Chlorotoluene
Concen: 0.435 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX047147.D
Acq: 25 Jul 2025 17:06

Tgt Ion: 91 Resp: 7063
Ion Ratio Lower Upper
91 100
126 25.9 0.0 57.2





#79

tert-butylbenzene

Concen: 0.379 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX047147.D

Acq: 25 Jul 2025 17:06

Instrument :

MSVOA_X

ClientSampleId :

IBLK

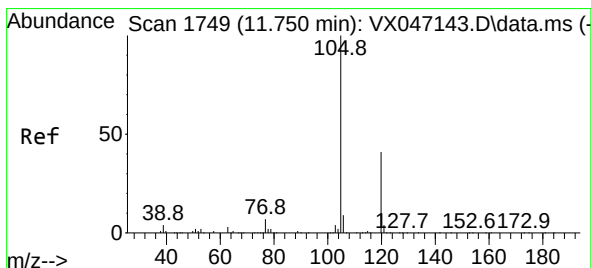
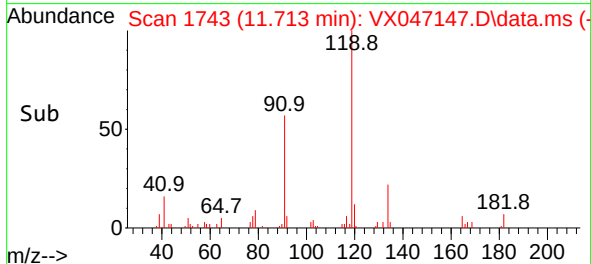
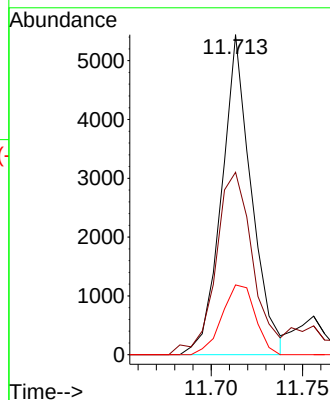
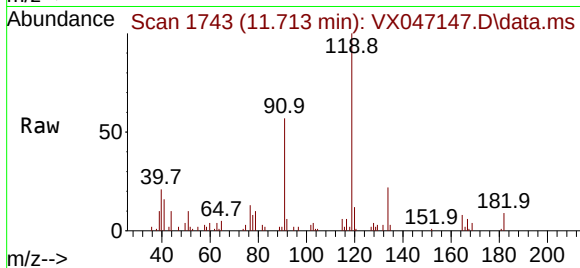
Tgt Ion:119 Resp: 6174

Ion Ratio Lower Upper

119 100

91 70.8 0.0 120.6

134 24.5 0.0 46.0



#80

1,2,4-Trimethylbenzene

Concen: 0.409 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX047147.D

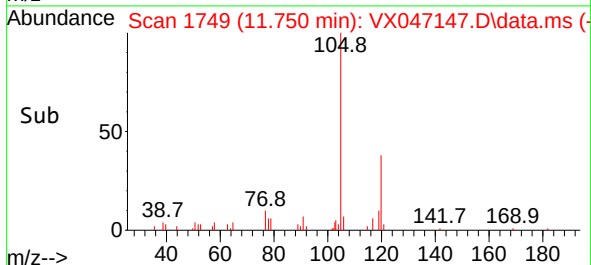
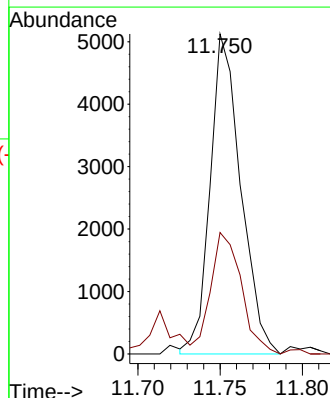
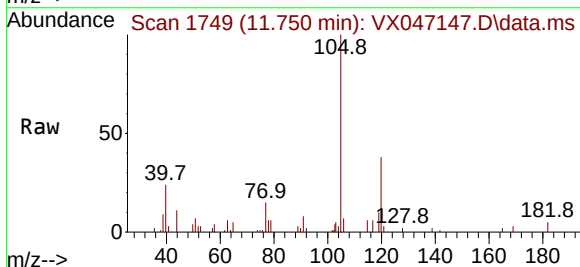
Acq: 25 Jul 2025 17:06

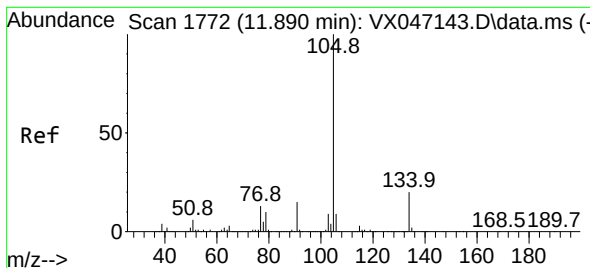
Tgt Ion:105 Resp: 6618

Ion Ratio Lower Upper

105 100

120 38.1 0.0 88.6





#81

sec-Butylbenzene

Concen: 0.614 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX047147.D

Acq: 25 Jul 2025 17:06

Instrument :

MSVOA_X

ClientSampleId :

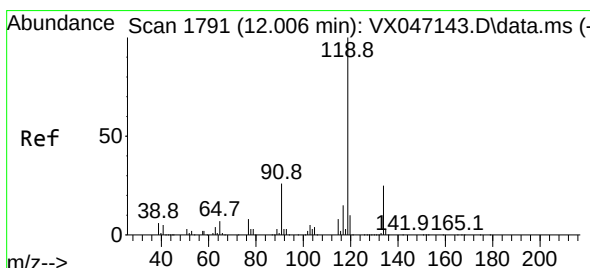
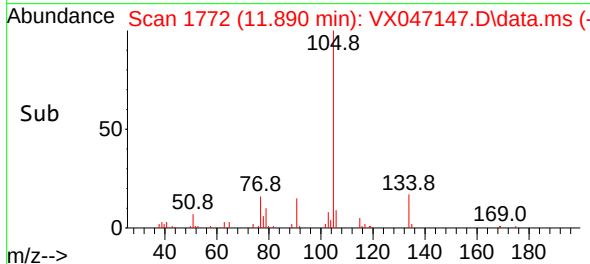
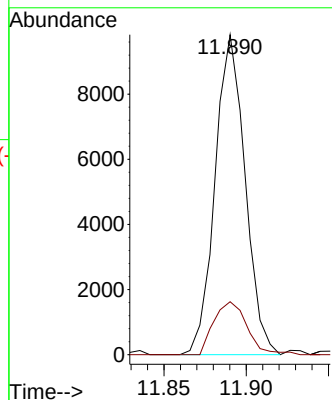
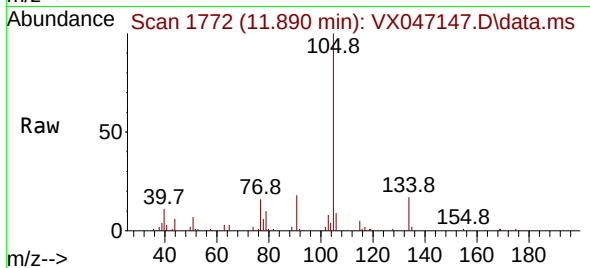
IBLK

Tgt Ion:105 Resp: 12492

Ion Ratio Lower Upper

105 100

134 18.1 0.0 39.4



#82

p-Isopropyltoluene

Concen: 0.640 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX047147.D

Acq: 25 Jul 2025 17:06

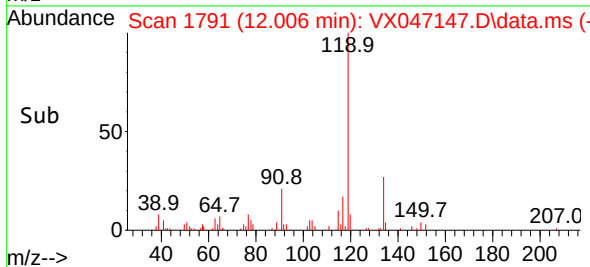
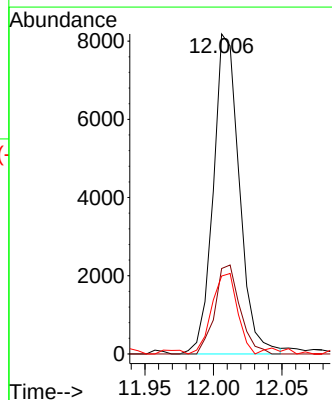
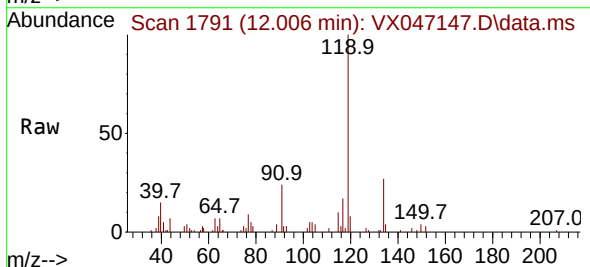
Tgt Ion:119 Resp: 10816

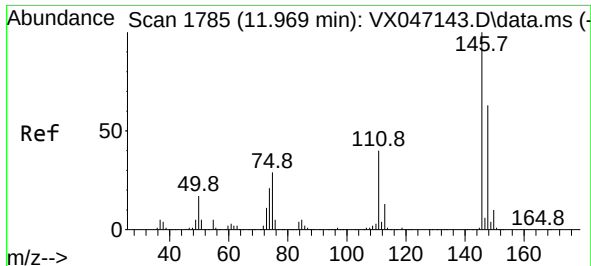
Ion Ratio Lower Upper

119 100

134 26.8 0.0 50.8

91 24.6 0.0 51.0

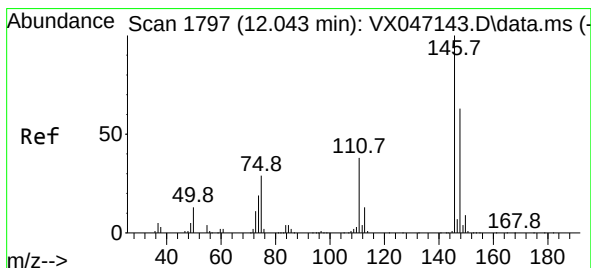
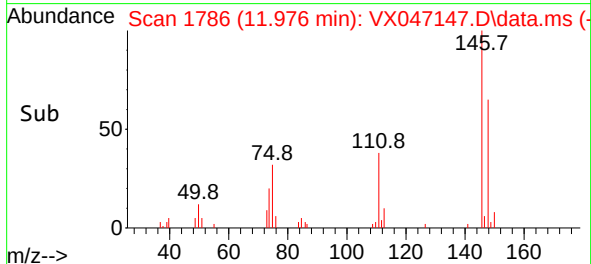
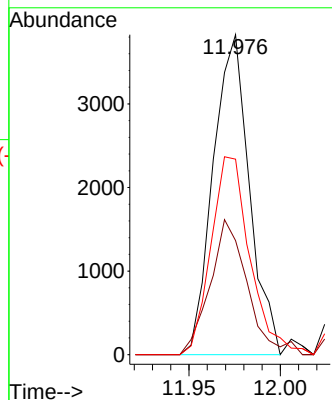
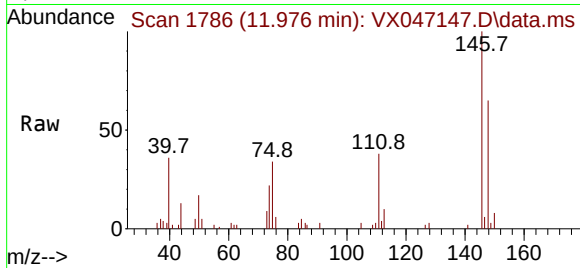




#83
1,3-Dichlorobenzene
Concen: 0.596 ug/l
RT: 11.976 min Scan# 1786
Delta R.T. 0.006 min
Lab File: VX047147.D
Acq: 25 Jul 2025 17:06

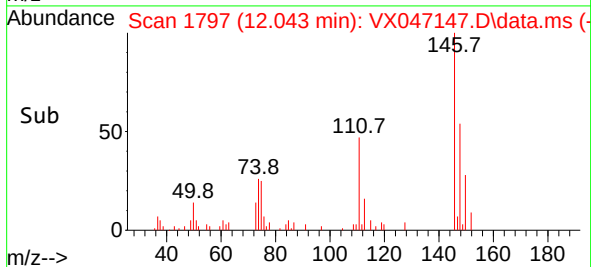
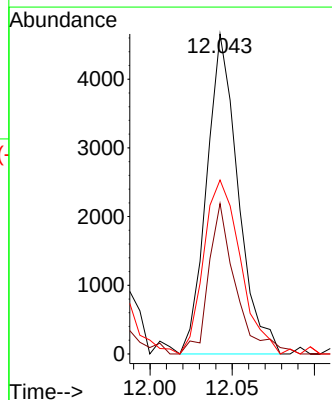
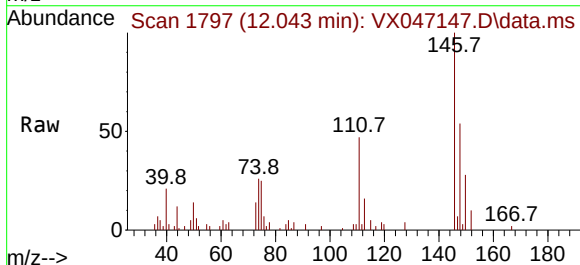
Instrument :
MSVOA_X
ClientSampleId :
IBLK

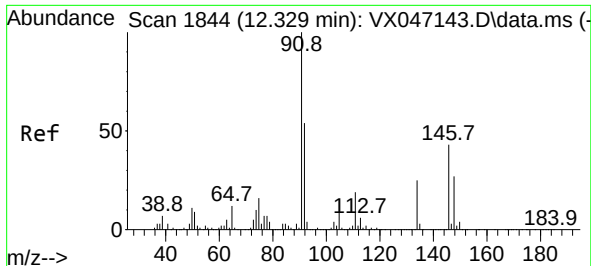
Tgt Ion:146 Resp: 5279
Ion Ratio Lower Upper
146 100
111 42.5 20.7 62.1
148 66.7 31.8 95.3



#84
1,4-Dichlorobenzene
Concen: 0.706 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX047147.D
Acq: 25 Jul 2025 17:06

Tgt Ion:146 Resp: 6197
Ion Ratio Lower Upper
146 100
111 36.0 20.4 61.3
148 63.2 32.3 96.8

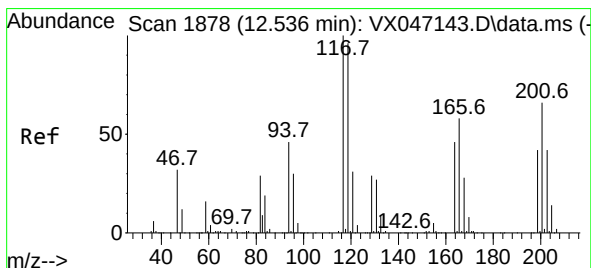
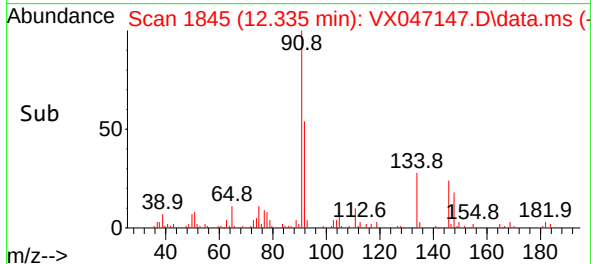
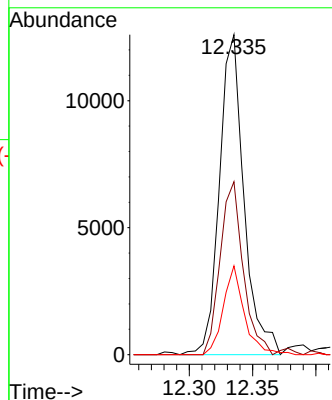
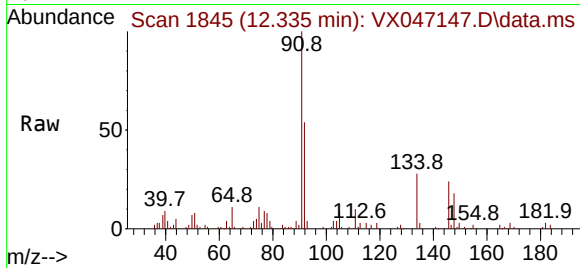




#85
n-Butylbenzene
Concen: 1.045 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX047147.D
Acq: 25 Jul 2025 17:06

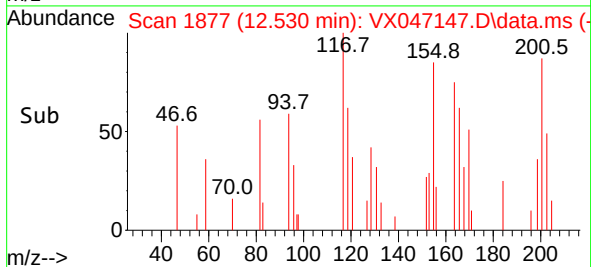
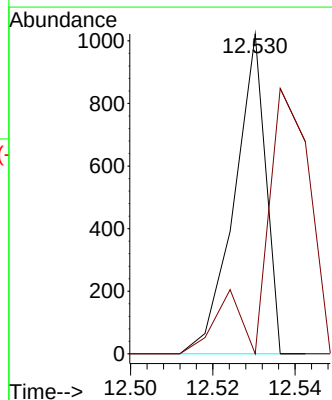
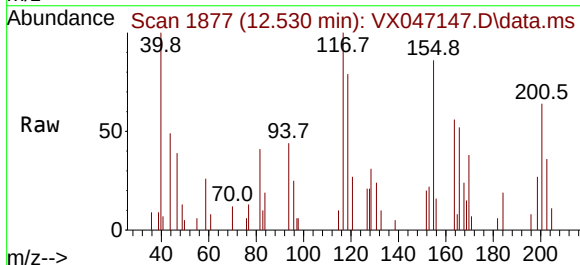
Instrument :
MSVOA_X
ClientSampleId :
IBLK

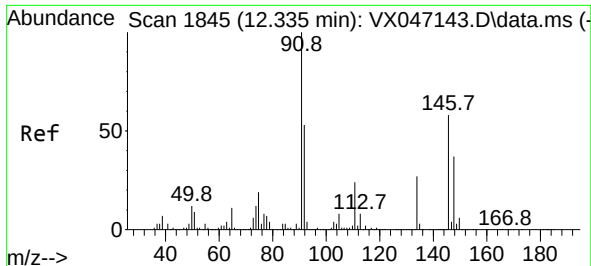
Tgt Ion: 91 Resp: 16961
Ion Ratio Lower Upper
91 100
92 50.8 0.0 107.8
134 23.9 0.0 50.0



#86
Hexachloroethane
Concen: 0.232 ug/l
RT: 12.530 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VX047147.D
Acq: 25 Jul 2025 17:06

Tgt Ion: 117 Resp: 541
Ion Ratio Lower Upper
117 100
201 103.1 0.5 1.5#

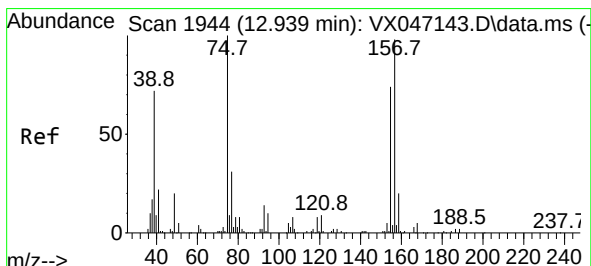
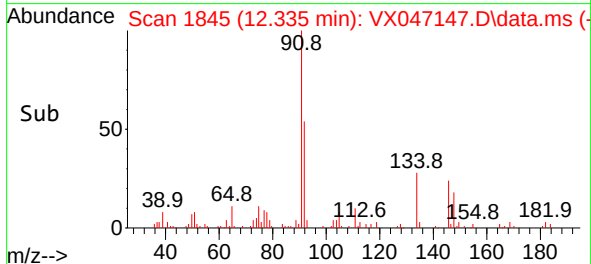
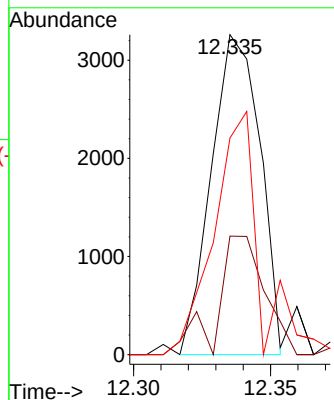
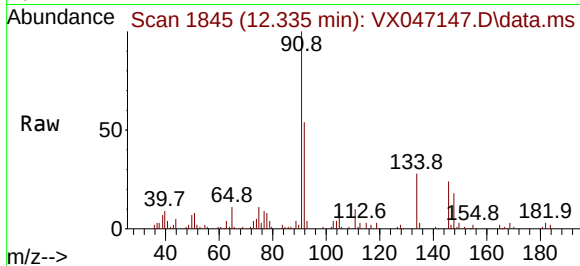




#87
 1,2-Dichlorobenzene
 Concen: 0.487 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VX047147.D
 Acq: 25 Jul 2025 17:06

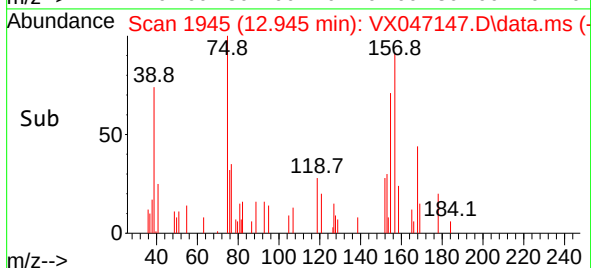
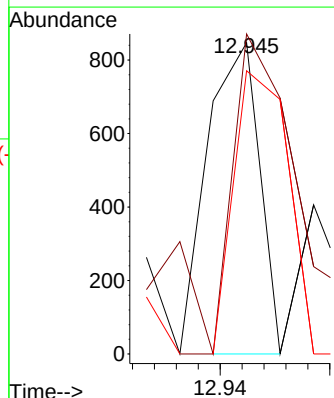
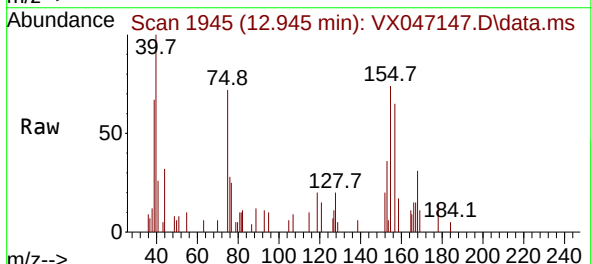
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

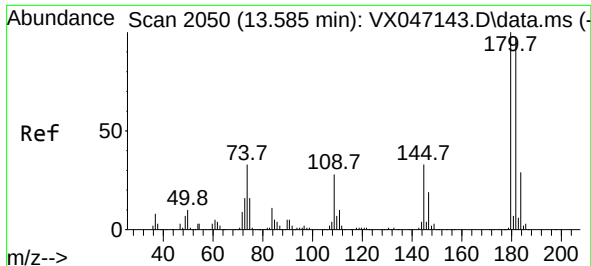
Tgt Ion:146 Resp: 4042
 Ion Ratio Lower Upper
 146 100
 111 30.9 21.8 65.3
 148 59.7 32.4 97.0



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 0.442 ug/l
 RT: 12.945 min Scan# 1945
 Delta R.T. 0.006 min
 Lab File: VX047147.D
 Acq: 25 Jul 2025 17:06

Tgt Ion: 75 Resp: 562
 Ion Ratio Lower Upper
 75 100
 155 129.5 65.4 98.2#
 157 95.4 82.0 123.0





#89

1,2,4-Trichlorobenzene

Concen: 1.898 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX047147.D

Acq: 25 Jul 2025 17:06

Instrument :

MSVOA_X

ClientSampleId :

IBLK

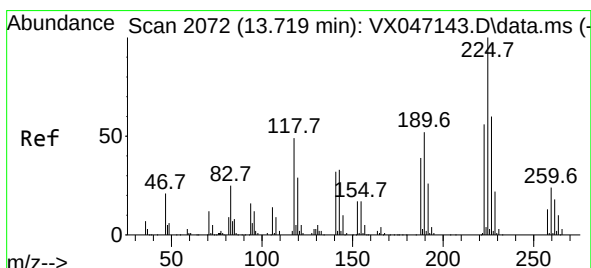
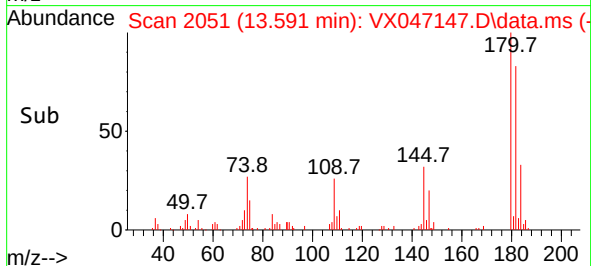
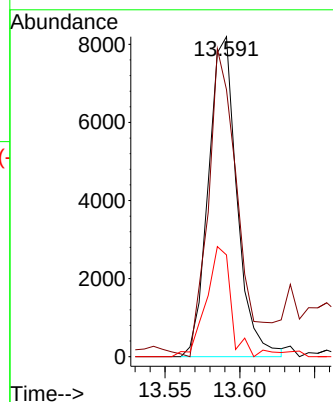
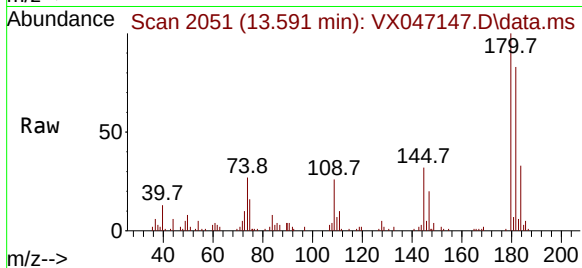
Tgt Ion:180 Resp: 10901

Ion Ratio Lower Upper

180 100

182 96.8 78.2 117.2

145 27.8 26.5 39.7



#90

Hexachlorobutadiene

Concen: 7.944 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.006 min

Lab File: VX047147.D

Acq: 25 Jul 2025 17:06

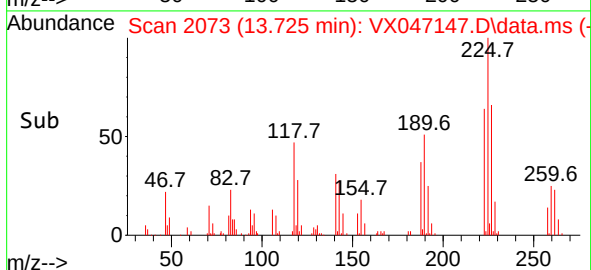
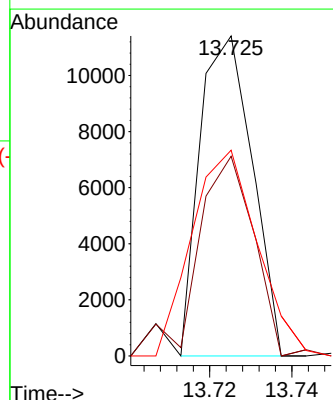
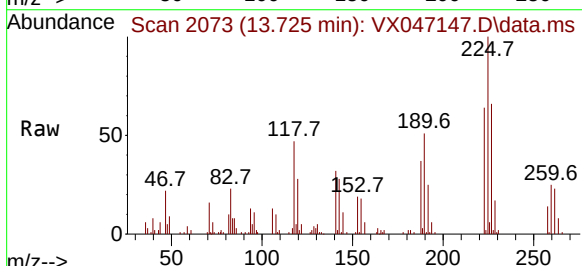
Tgt Ion:225 Resp: 10116

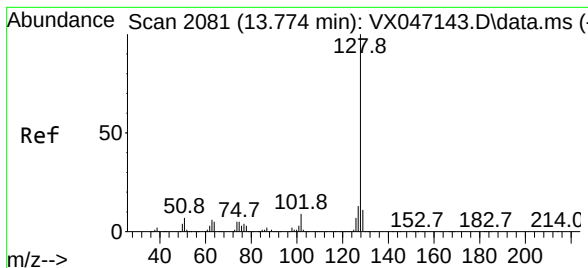
Ion Ratio Lower Upper

225 100

223 61.4 0.0 73.8

227 80.5 0.0 130.6

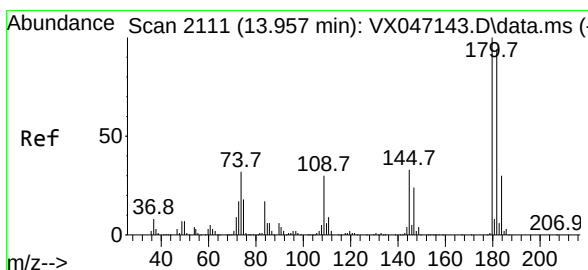
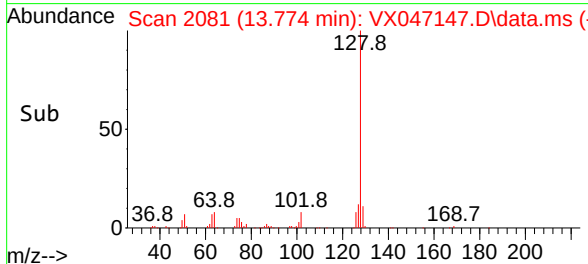
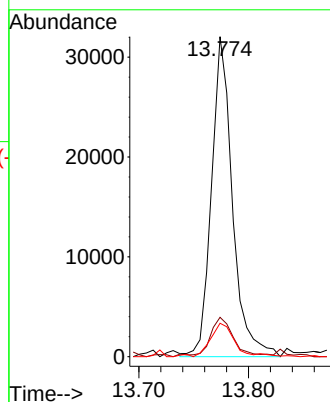
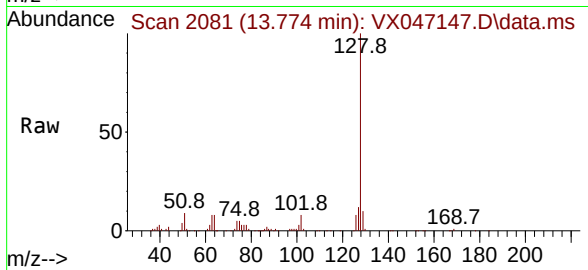




#91
Naphthalene
Concen: 2.201 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX047147.D
Acq: 25 Jul 2025 17:06

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:128 Resp: 42672
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.2 9.0 13.4



#92
1,2,3-Trichlorobenzene
Concen: 2.067 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX047147.D
Acq: 25 Jul 2025 17:06

Tgt Ion:180 Resp: 11391
Ion Ratio Lower Upper
180 100
182 87.2 0.0 189.0
145 33.4 0.0 69.2

