

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071322\
 Data File : VX030047.D
 Acq On : 13 Jul 2022 16:05
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jul 14 04:57:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 13 09:05:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	171506	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	295910	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	254516	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108206	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	92765	44.437	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.880%		
35) Dibromofluoromethane	5.391	113	87364	46.215	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.420%		
50) Toluene-d8	8.653	98	332725	46.799	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.600%		
62) 4-Bromofluorobenzene	11.085	95	111815	45.320	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.640%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	301	Below Cal		75
3) Chloromethane	1.295	50	544	0.304 ug/l #		72
4) Vinyl Chloride	1.368	62	453	0.228 ug/l #		50
5) Bromomethane	1.612	94	498	0.591 ug/l		91
7) Trichlorofluoromethane	1.892	101	523	0.204 ug/l		97
9) 1,1,2-Trichlorotrifluo...	2.331	101	439	0.251 ug/l #		81
10) Methyl Iodide	2.459	142	1076	3.004 ug/l		97
11) Tert butyl alcohol	2.947	59	6319	11.729 ug/l #		75
12) 1,1-Dichloroethene	2.319	96	750	0.429 ug/l #		70
13) Acrolein	2.233	56	166	1.547 ug/l		90
15) Acrylonitrile	3.075	53	657	0.537 ug/l #		77
16) Acetone	2.386	43	1636	1.663 ug/l		97
17) Carbon Disulfide	2.514	76	3623	0.367 ug/l #		85
20) Methylene Chloride	2.794	84	1750	Below Cal		87
21) trans-1,2-Dichloroethene	3.093	96	698	0.383 ug/l #		62
25) 2-Butanone	4.593	43	1108	0.661 ug/l #		86
27) cis-1,2-Dichloroethene	4.495	96	847	0.380 ug/l		76
38) Carbon Tetrachloride	5.556	117	16152	7.093 ug/l #		18
39) Methylcyclohexane	7.379	83	672	0.217 ug/l		92
44) Trichloroethene	7.129	130	6368	2.836 ug/l		92
55) 1,1,2-Trichloroethane	9.275	97	2197	1.092 ug/l #		1
60) Dibromochloromethane	9.275	129	251120	128.078 ug/l #		11
64) Tetrachloroethene	9.275	164	256067	125.333 ug/l		97
68) m/p-Xylenes	10.305	106	855	0.254 ug/l		83
76) 1,2,3-Trichloropropane	11.085	75	51573	20.730 ug/l #		38
78) n-propylbenzene	11.305	91	1943	0.217 ug/l		100
79) 2-Chlorotoluene	11.372	91	1108	0.207 ug/l		100
81) trans-1,4-Dichloro-2-b...	11.085	75	51573	59.825 ug/l #		13
82) 4-Chlorotoluene	11.457	91	1500	0.250 ug/l		90
84) 1,2,4-Trimethylbenzene	11.756	105	1267	0.202 ug/l		98
85) sec-Butylbenzene	11.896	105	1735	0.216 ug/l		97
86) p-Isopropyltoluene	12.012	119	1467	0.227 ug/l #		54
87) 1,3-Dichlorobenzene	11.969	146	1178	0.338 ug/l		86
88) 1,4-Dichlorobenzene	11.969	146	1178	0.330 ug/l		85
89) n-Butylbenzene	12.335	91	2068	0.357 ug/l		98
90) Hexachloroethane	12.536	117	3044	2.758 ug/l		95

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QLast Update : Wed Jul 13 09:05:23 2022
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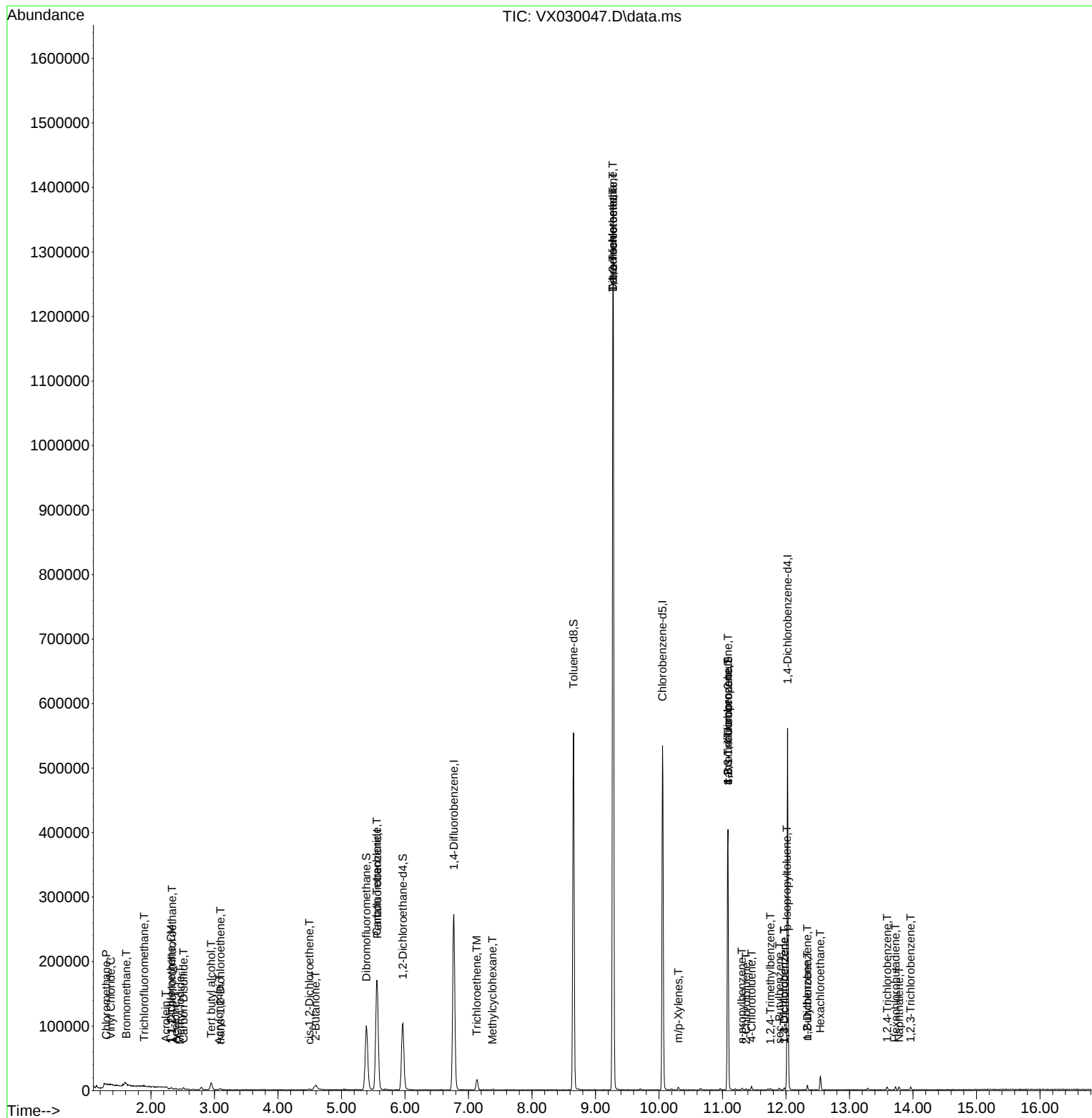
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) 1,2-Dichlorobenzene	12.335	146	754	0.213	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	1168	0.537	ug/l	96
94) Hexachlorobutadiene	13.725	225	597	0.688	ug/l	74
95) Naphthalene	13.780	128	3278	0.380	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	1134	0.513	ug/l	91

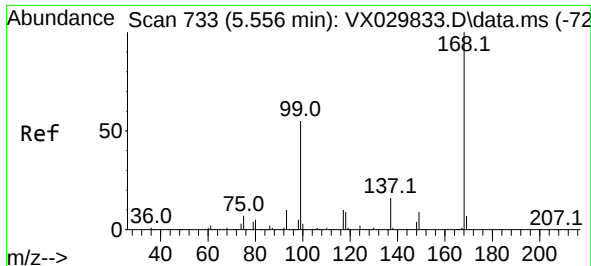
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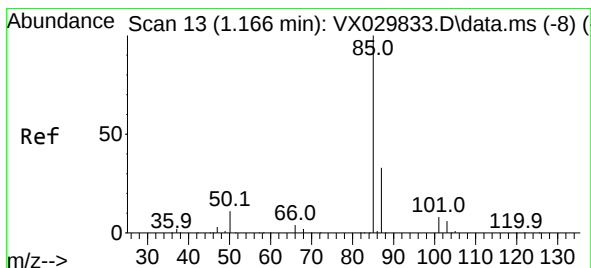
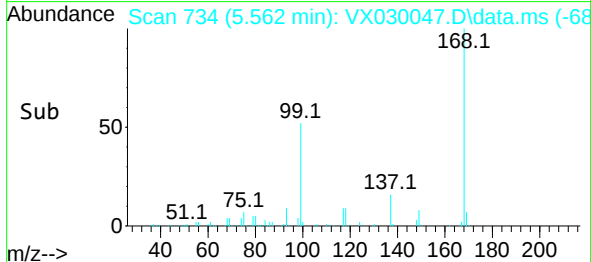
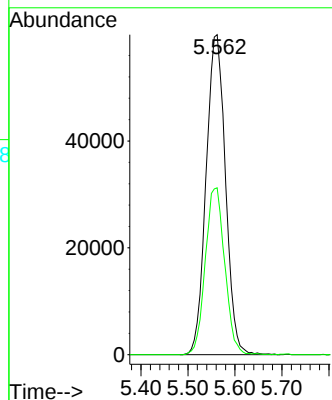
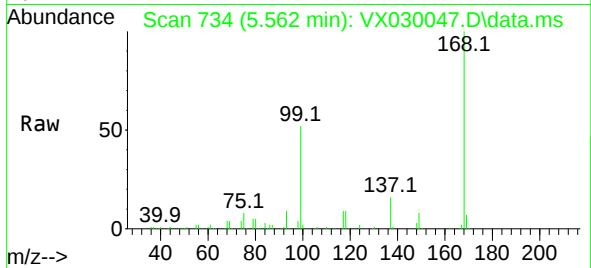




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030047.D
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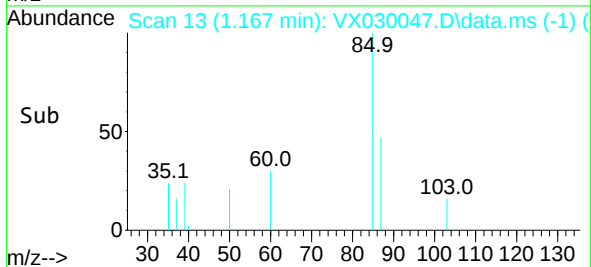
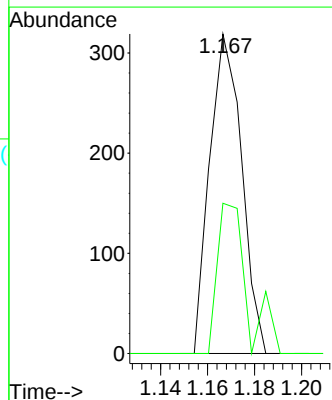
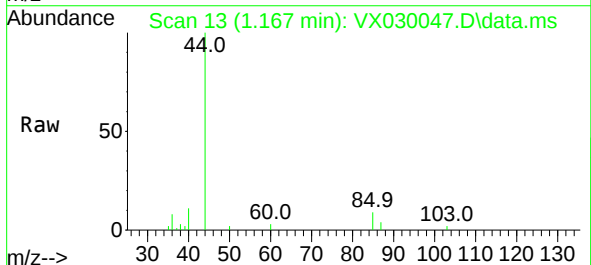
Instrument :
MSVOA_X
ClientSampleId :
IBLK

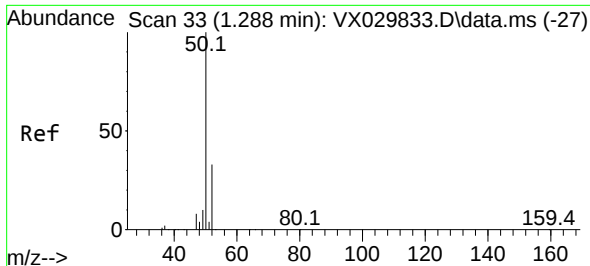
Tgt Ion:168 Resp: 171506
Ion Ratio Lower Upper
168 100
99 52.1 44.0 66.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX030047.D
Acq: 13 Jul 2022 16:05

Tgt Ion: 85 Resp: 301
Ion Ratio Lower Upper
85 100
87 47.0 16.5 49.5

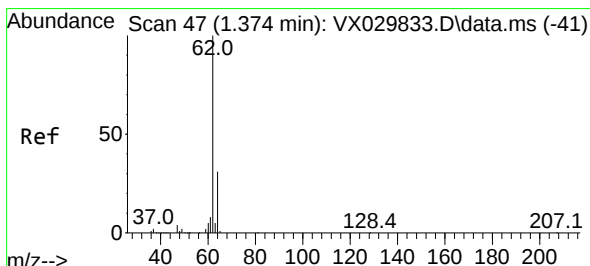
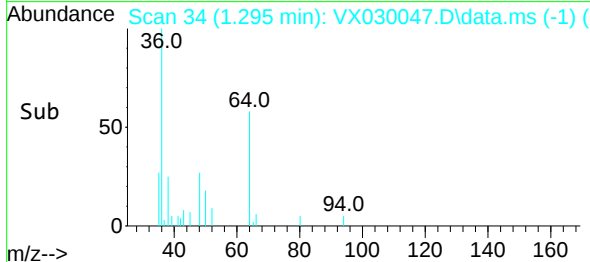
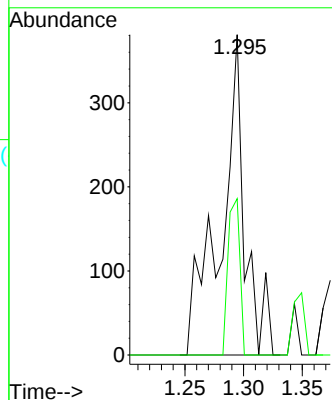
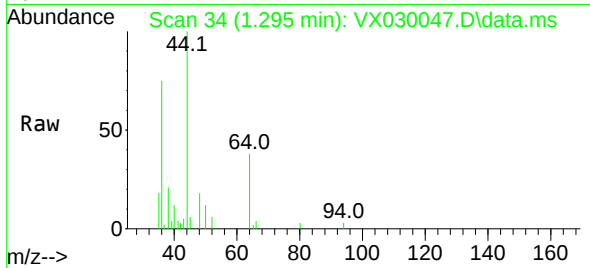




#3
Chloromethane
Concen: 0.304 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.007 min
Lab File: VX030047.D
Acq: 13 Jul 2022 16:05

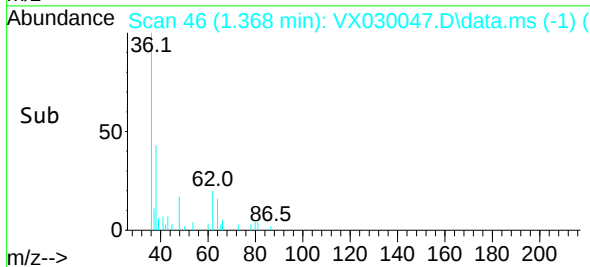
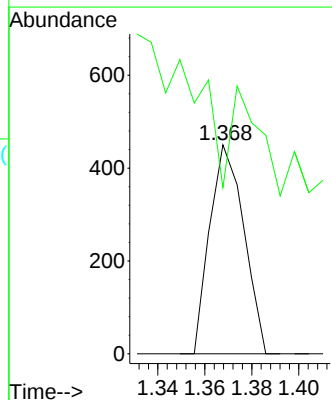
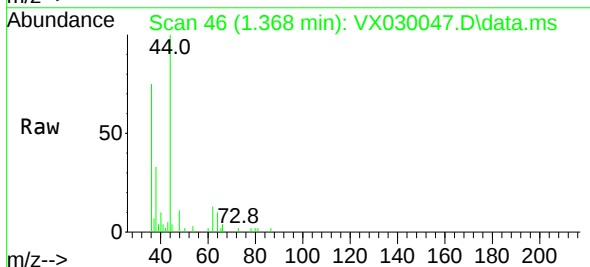
Instrument :
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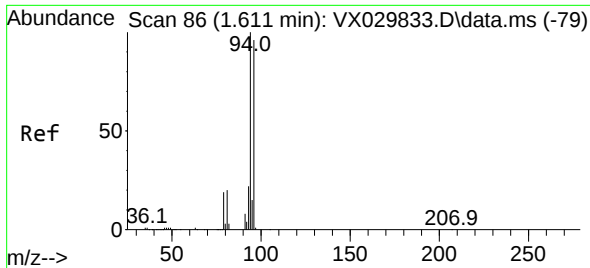
Tgt Ion: 50 Resp: 544
Ion Ratio Lower Upper
50 100
52 48.8 26.3 39.5#



#4
Vinyl Chloride
Concen: 0.228 ug/l
RT: 1.368 min Scan# 46
Delta R.T. -0.006 min
Lab File: VX030047.D
Acq: 13 Jul 2022 16:05

Tgt Ion: 62 Resp: 453
Ion Ratio Lower Upper
62 100
64 4.0 25.2 37.8#

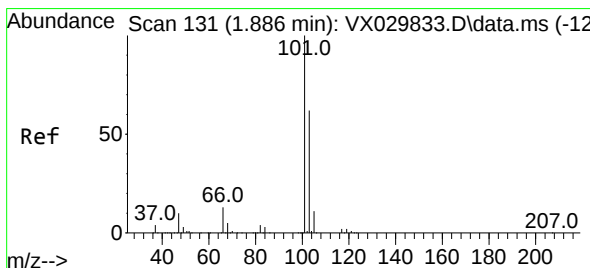
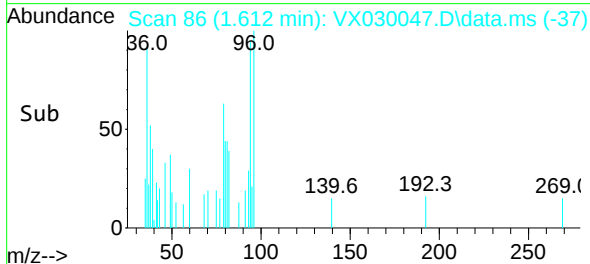
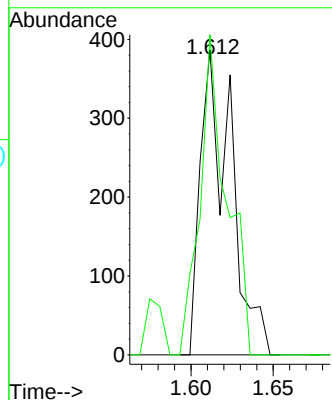
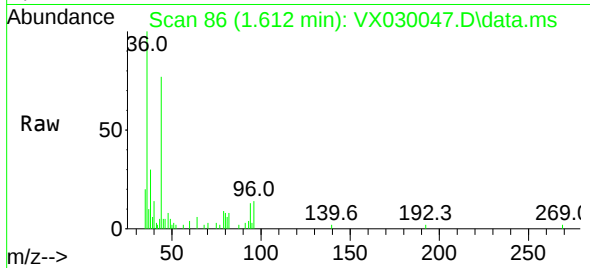




#5
Bromomethane
Concen: 0.591 ug/l
RT: 1.612 min Scan# 80
Delta R.T. 0.001 min
Lab File: VX030047.D
Acq: 13 Jul 2022 16:05

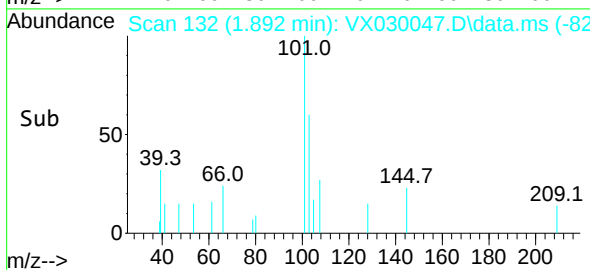
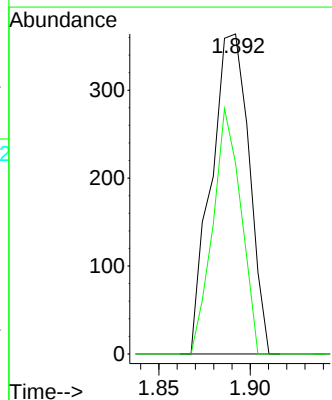
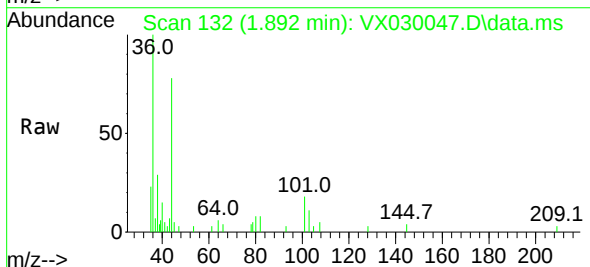
Instrument :
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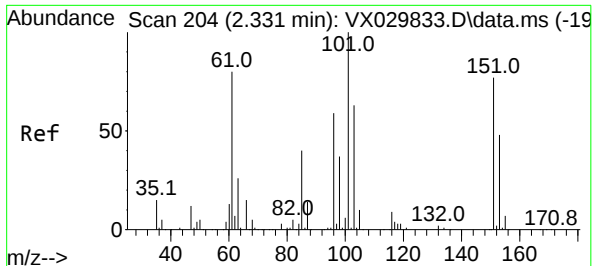
Tgt Ion: 94 Resp: 498
Ion Ratio Lower Upper
94 100
96 104.9 76.9 115.3



#7
Trichlorofluoromethane
Concen: 0.204 ug/l
RT: 1.892 min Scan# 132
Delta R.T. 0.006 min
Lab File: VX030047.D
Acq: 13 Jul 2022 16:05

Tgt Ion: 101 Resp: 523
Ion Ratio Lower Upper
101 100
103 59.6 49.7 74.5

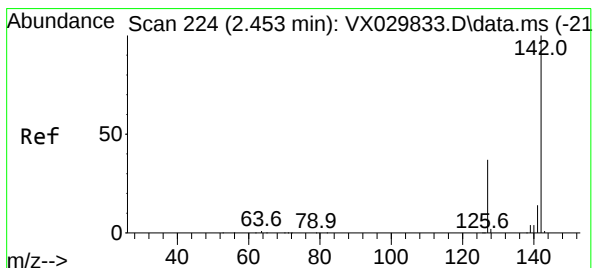
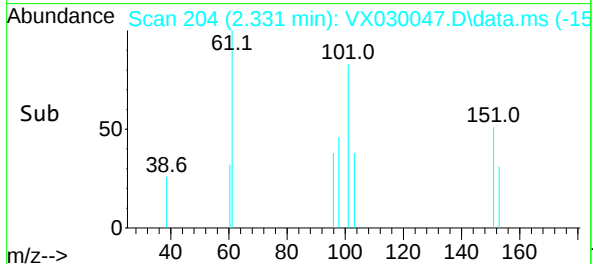
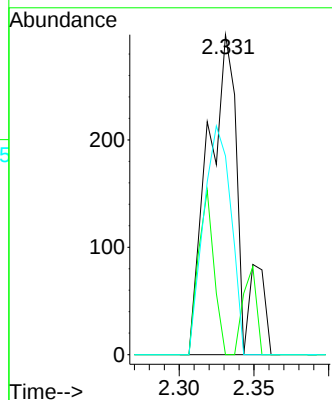
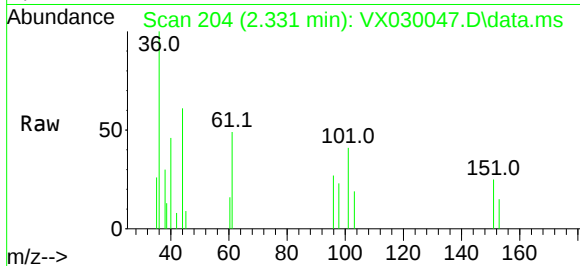




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.251 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX030047.D
Acq: 13 Jul 2022 16:05

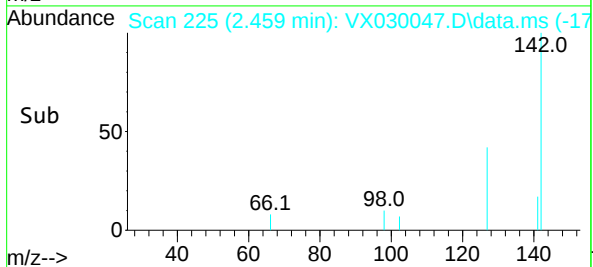
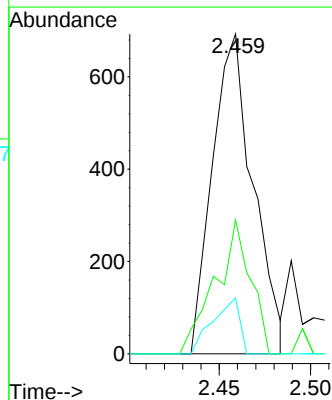
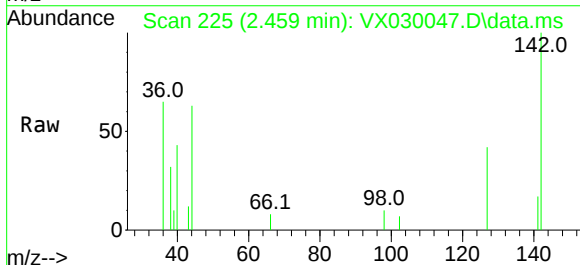
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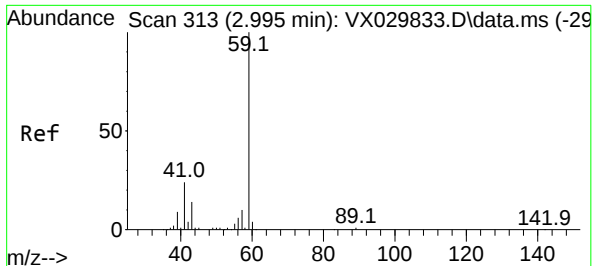
Tgt Ion:101 Resp: 439
Ion Ratio Lower Upper
101 100
85 25.3 34.0 51.0#
151 61.7 59.4 89.0



#10
Methyl Iodide
Concen: 3.004 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX030047.D
Acq: 13 Jul 2022 16:05

Tgt Ion:142 Resp: 1076
Ion Ratio Lower Upper
142 100
127 36.2 30.2 45.2
141 11.5 11.3 16.9

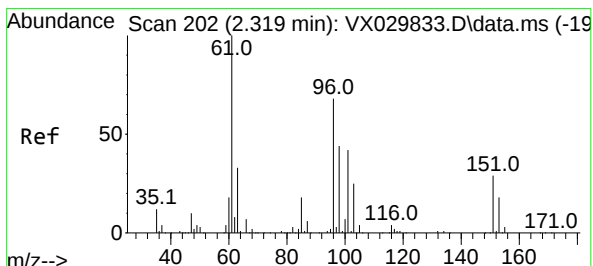
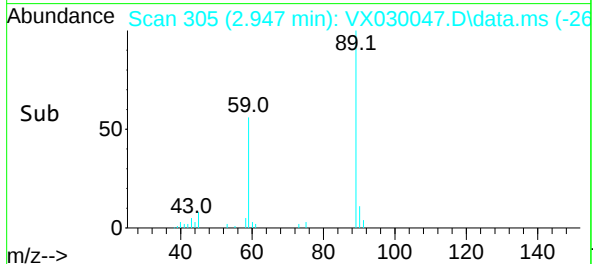
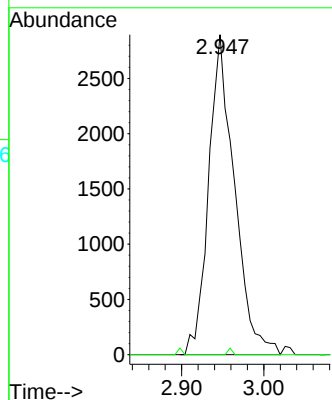
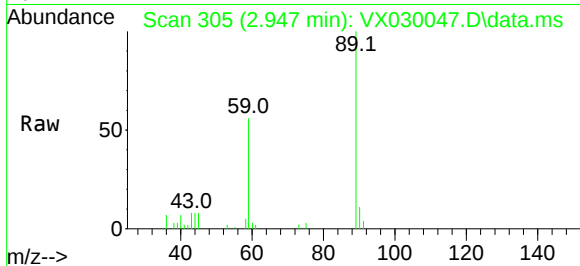




#11
Tert butyl alcohol
Concen: 11.729 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.048 min
Lab File: VX030047.D
Acq: 13 Jul 2022 16:05

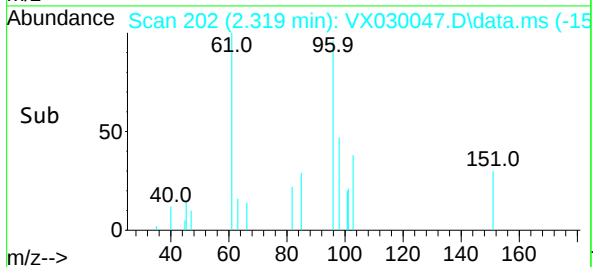
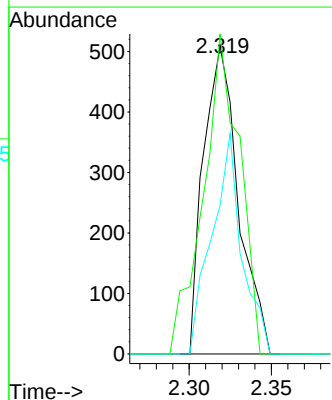
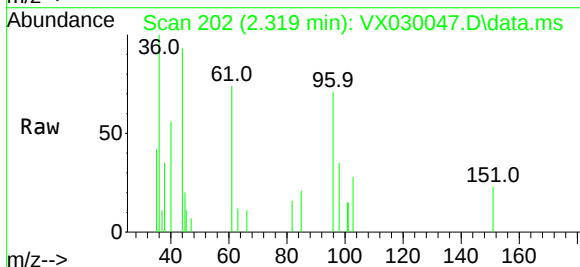
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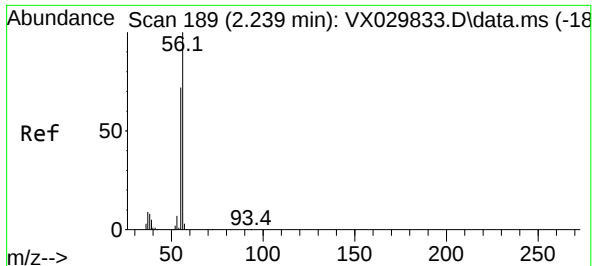
Tgt Ion: 59 Resp: 6319
Ion Ratio Lower Upper
59 100
57 0.3 7.4 11.2#



#12
1,1-Dichloroethene
Concen: 0.429 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX030047.D
Acq: 13 Jul 2022 16:05

Tgt Ion: 96 Resp: 750
Ion Ratio Lower Upper
96 100
61 103.9 117.4 176.0#
98 48.3 52.2 78.4#

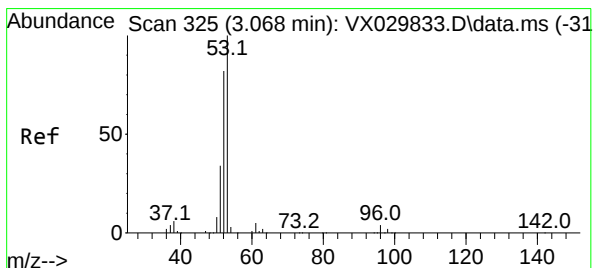
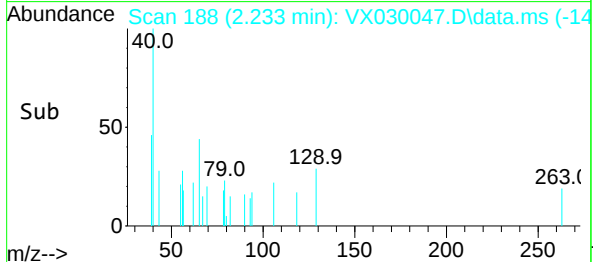
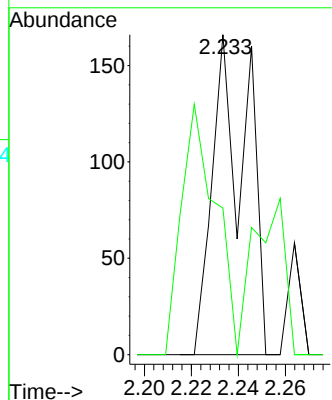
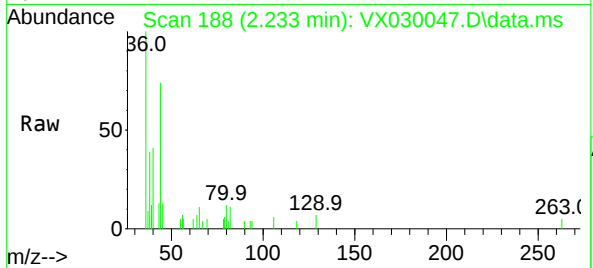




#13
Acrolein
Concen: 1.547 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX030047.D
Acq: 13 Jul 2022 16:05

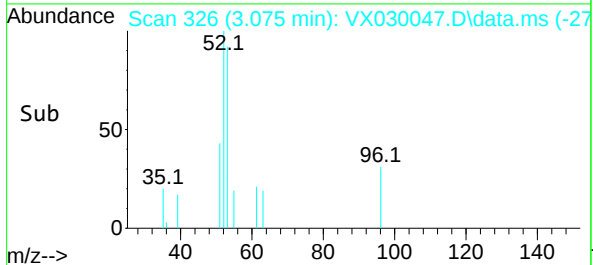
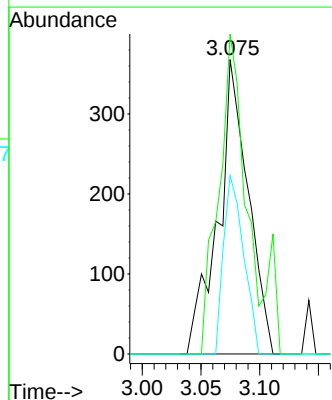
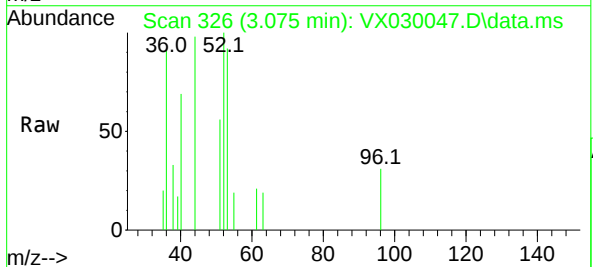
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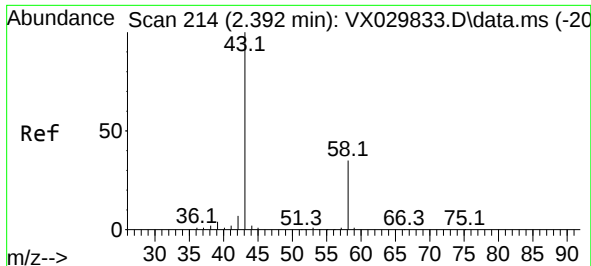
Tgt Ion: 56 Resp: 166
Ion Ratio Lower Upper
56 100
55 78.9 56.6 84.8



#15
Acrylonitrile
Concen: 0.537 ug/l
RT: 3.075 min Scan# 326
Delta R.T. 0.007 min
Lab File: VX030047.D
Acq: 13 Jul 2022 16:05

Tgt Ion: 53 Resp: 657
Ion Ratio Lower Upper
53 100
52 106.8 65.4 98.0#
51 40.3 27.7 41.5

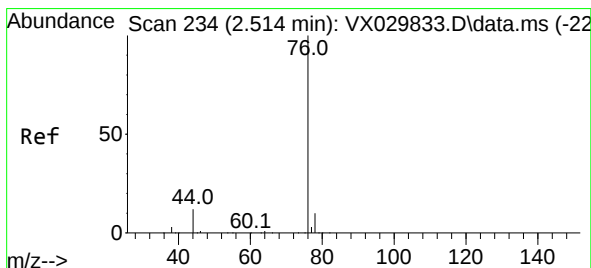
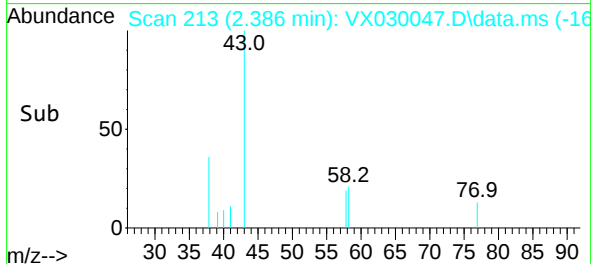
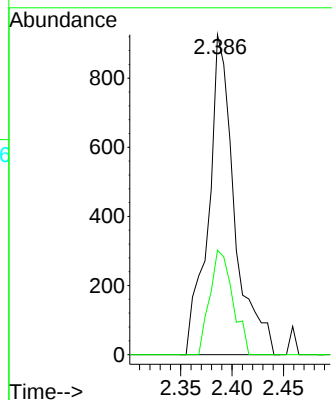
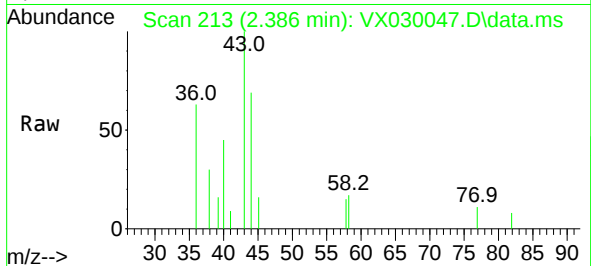




#16
Acetone
Concen: 1.663 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX030047.D
Acq: 13 Jul 2022 16:05

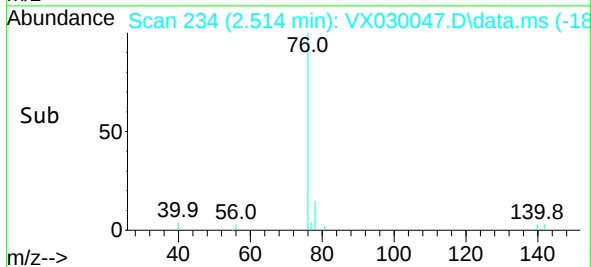
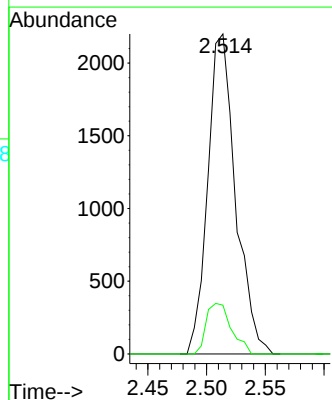
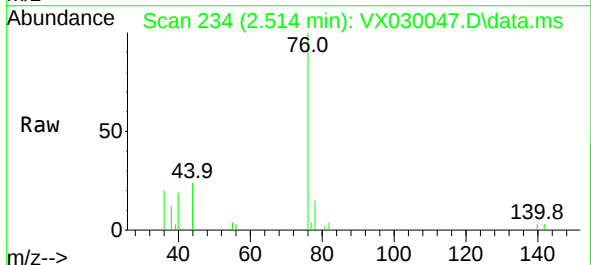
Instrument :
MSVOA_X
ClientSampleId :
IBLK

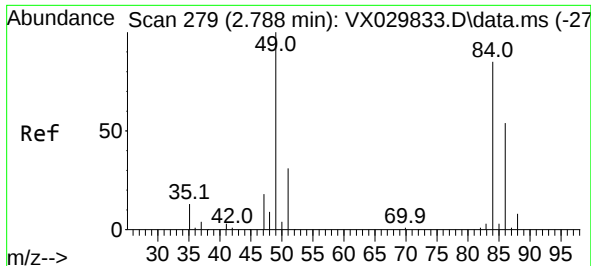
Tgt Ion: 43 Resp: 1636
Ion Ratio Lower Upper
43 100
58 32.6 27.7 41.5



#17
Carbon Disulfide
Concen: 0.367 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX030047.D
Acq: 13 Jul 2022 16:05

Tgt Ion: 76 Resp: 3623
Ion Ratio Lower Upper
76 100
78 15.3 7.8 11.6#



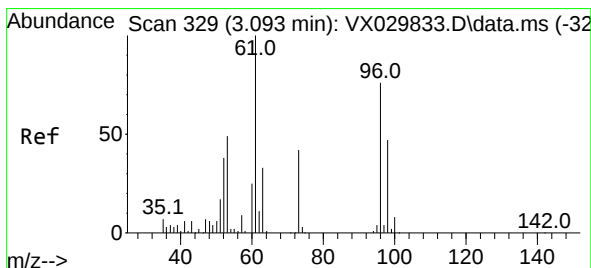
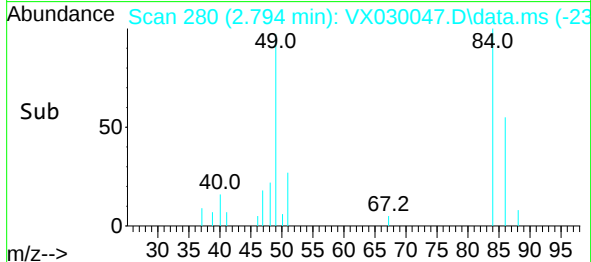
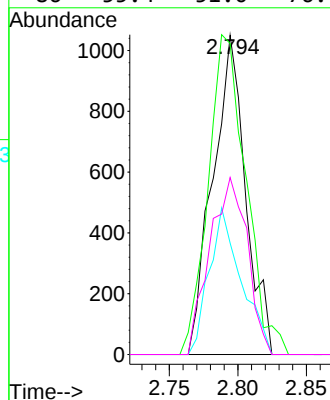
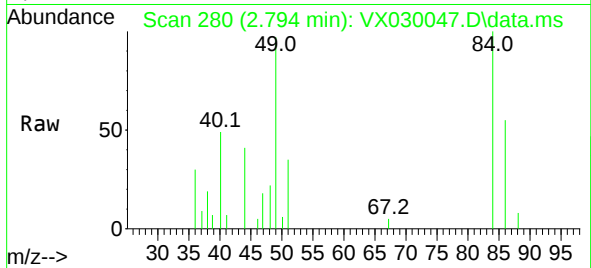


#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX030047.D
Acq: 13 Jul 2022 16:05

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 84 Resp: 1750

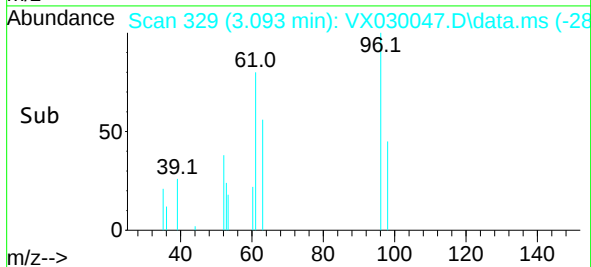
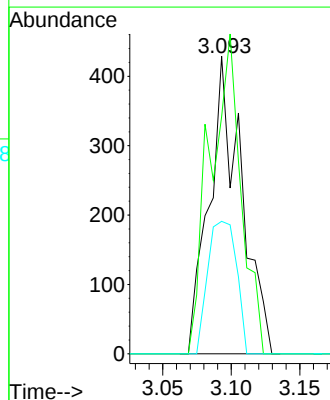
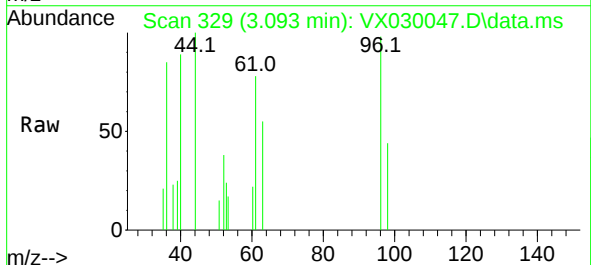
Ion	Ratio	Lower	Upper
84	100		
49	97.4	93.8	140.6
51	35.0	29.4	44.0
86	55.4	51.0	76.4

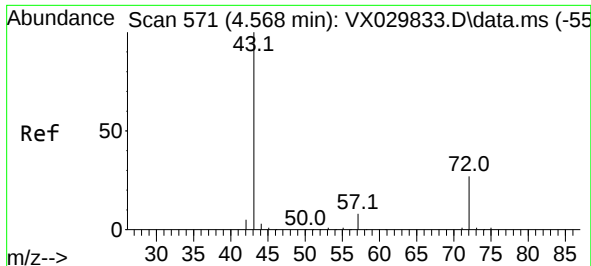


#21
trans-1,2-Dichloroethene
Concen: 0.383 ug/l
RT: 3.093 min Scan# 329
Delta R.T. -0.000 min
Lab File: VX030047.D
Acq: 13 Jul 2022 16:05

Tgt Ion: 96 Resp: 698

Ion	Ratio	Lower	Upper
96	100		
61	79.7	105.6	158.4#
98	44.5	50.1	75.1#

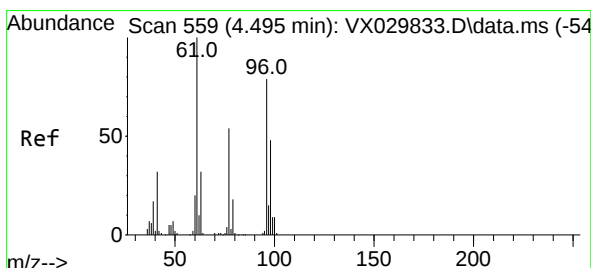
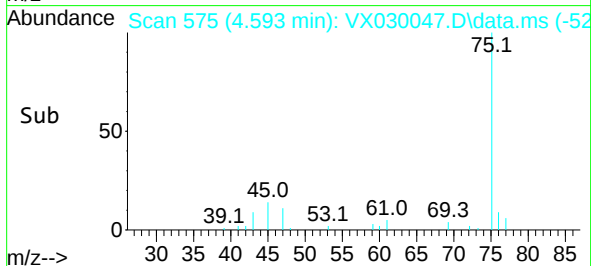
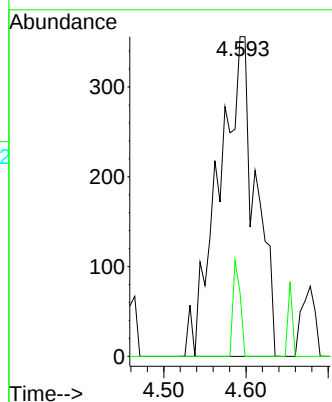
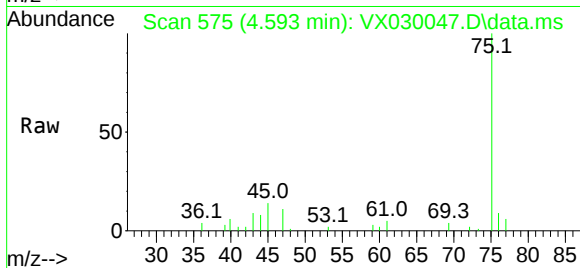




#25
2-Butanone
Concen: 0.661 ug/l
RT: 4.593 min Scan# 51
Delta R.T. 0.025 min
Lab File: VX030047.D
Acq: 13 Jul 2022 16:05

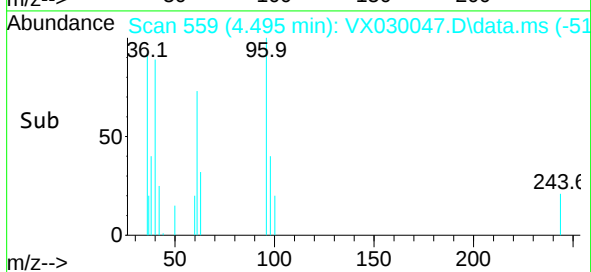
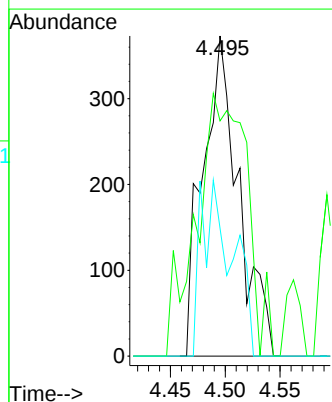
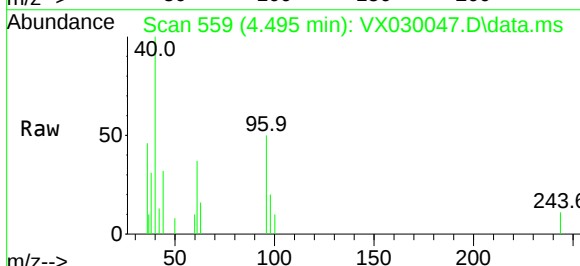
Instrument :
MSVOA_X
ClientSampleId :
IBLK

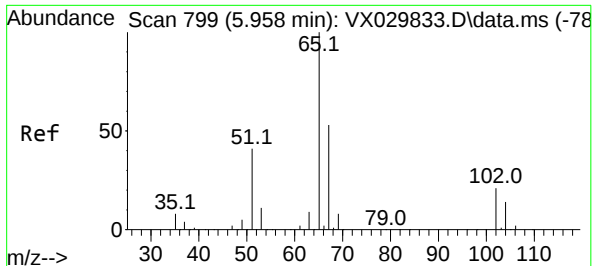
Tgt Ion: 43 Resp: 1108
Ion Ratio Lower Upper
43 100
72 19.9 21.7 32.5#



#27
cis-1,2-Dichloroethene
Concen: 0.380 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX030047.D
Acq: 13 Jul 2022 16:05

Tgt Ion: 96 Resp: 847
Ion Ratio Lower Upper
96 100
61 115.7 0.0 270.0
98 32.6 0.0 127.8





#33

1,2-Dichloroethane-d4

Concen: 44.437 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX030047.D

Acq: 13 Jul 2022 16:05

Instrument :

MSVOA_X

ClientSampleId :

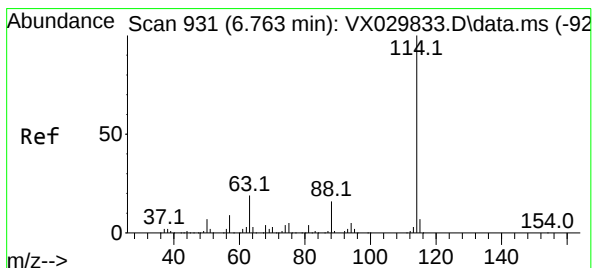
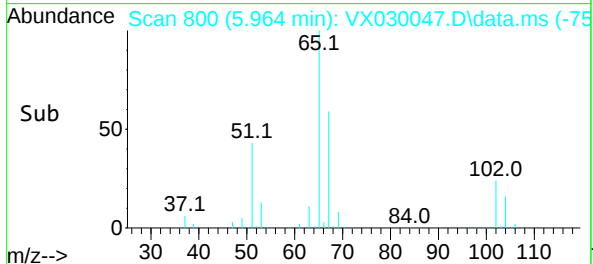
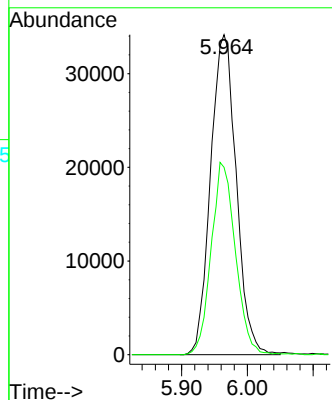
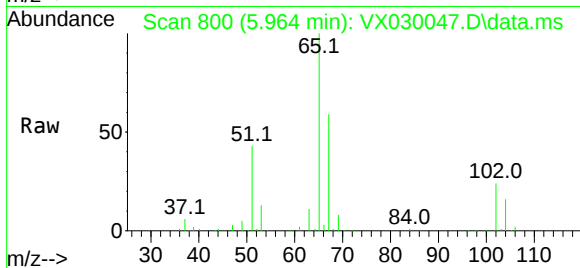
IBLK

Tgt Ion: 65 Resp: 92765

Ion Ratio Lower Upper

65 100

67 56.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX030047.D

Acq: 13 Jul 2022 16:05

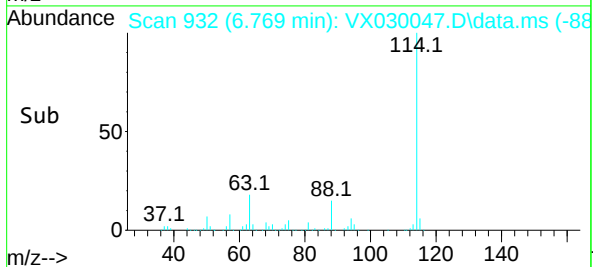
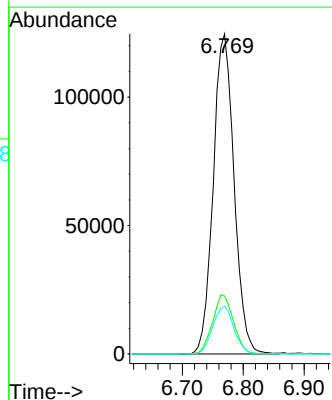
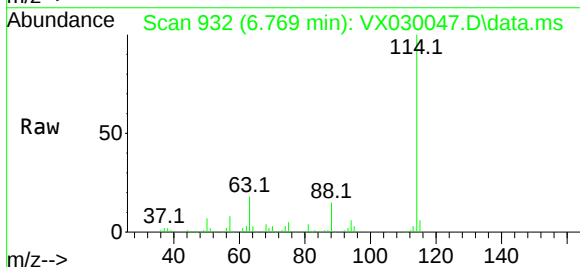
Tgt Ion: 114 Resp: 295910

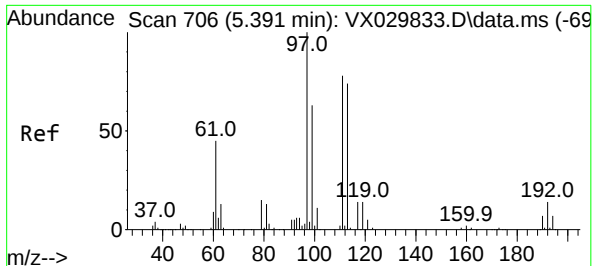
Ion Ratio Lower Upper

114 100

63 18.1 0.0 38.4

88 14.9 0.0 31.8





#35

Dibromofluoromethane

Concen: 46.215 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030047.D

Acq: 13 Jul 2022 16:05

Instrument :

MSVOA_X

ClientSampleId :

IBLK

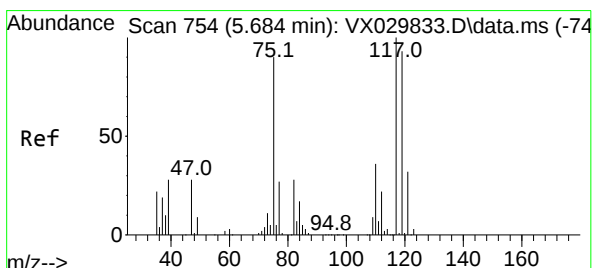
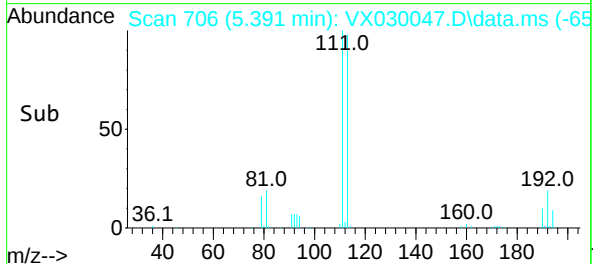
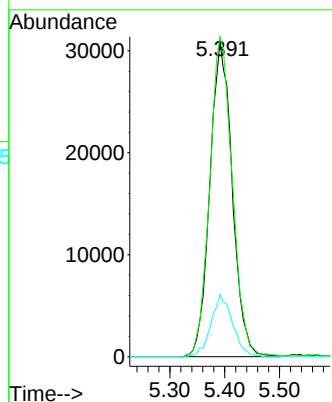
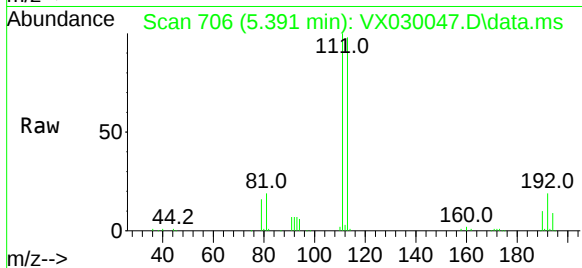
Tgt Ion:113 Resp: 87364

Ion Ratio Lower Upper

113 100

111 103.2 83.2 124.8

192 19.0 14.8 22.2



#38

Carbon Tetrachloride

Concen: 7.093 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX030047.D

Acq: 13 Jul 2022 16:05

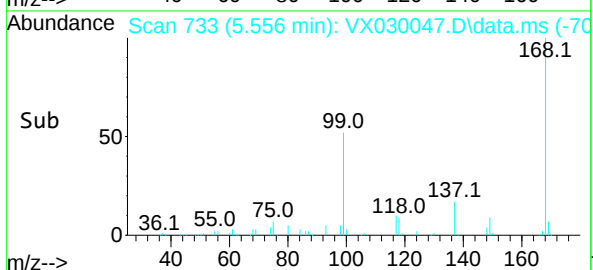
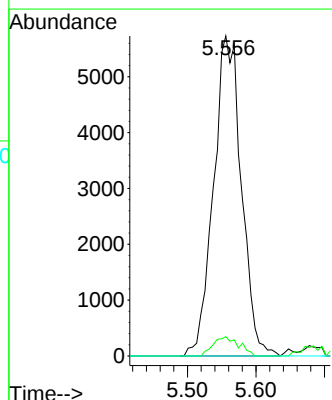
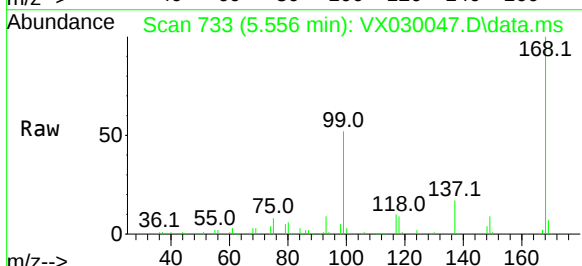
Tgt Ion:117 Resp: 16152

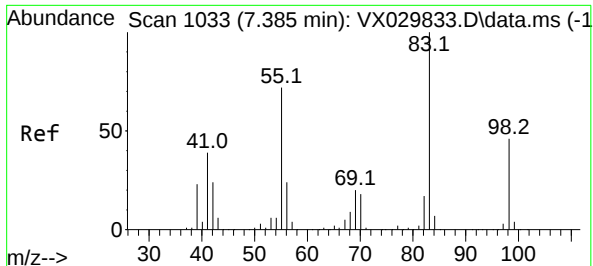
Ion Ratio Lower Upper

117 100

119 6.1 74.1 111.1#

121 0.0 25.8 38.8#

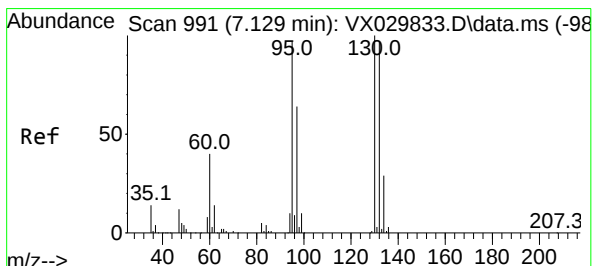
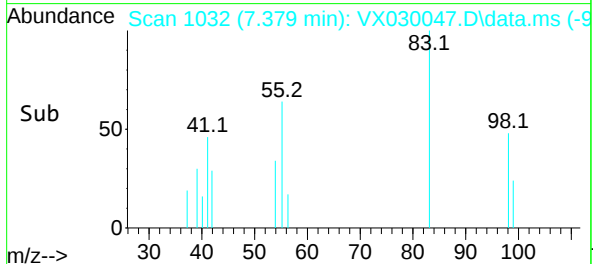
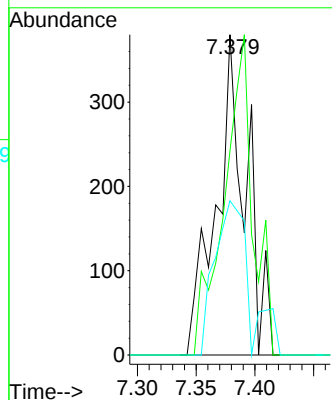
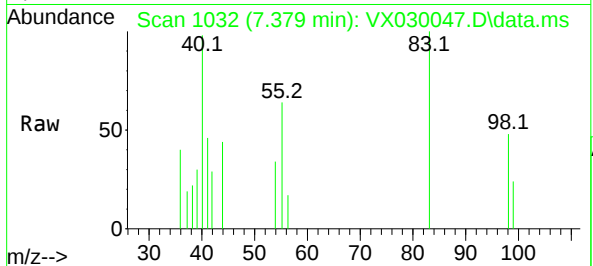




#39
Methylcyclohexane
Concen: 0.217 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX030047.D
Acq: 13 Jul 2022 16:05

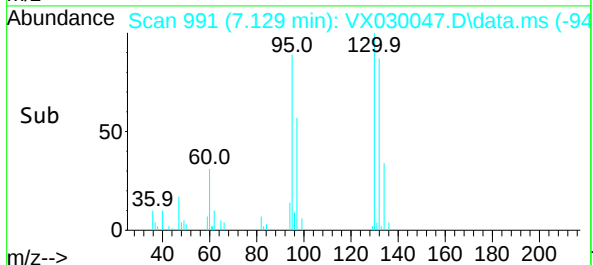
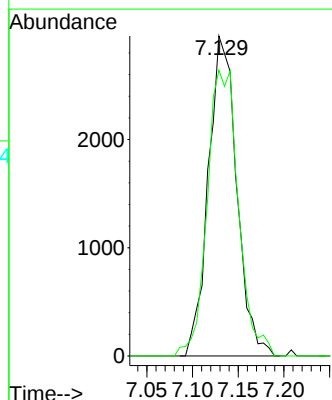
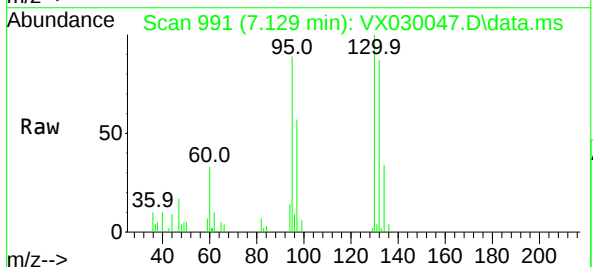
Instrument :
MSVOA_X
ClientSampleId :
IBLK

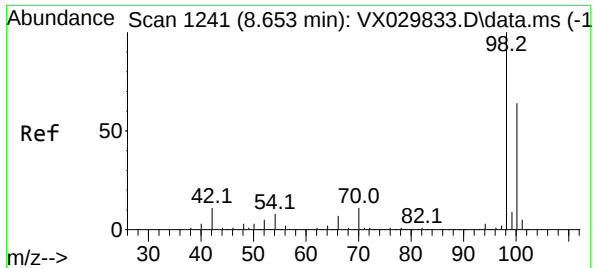
Tgt Ion: 83 Resp: 672
Ion Ratio Lower Upper
83 100
55 63.7 57.7 86.5
98 48.2 36.5 54.7



#44
Trichloroethene
Concen: 2.836 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX030047.D
Acq: 13 Jul 2022 16:05

Tgt Ion: 130 Resp: 6368
Ion Ratio Lower Upper
130 100
95 89.3 0.0 194.8

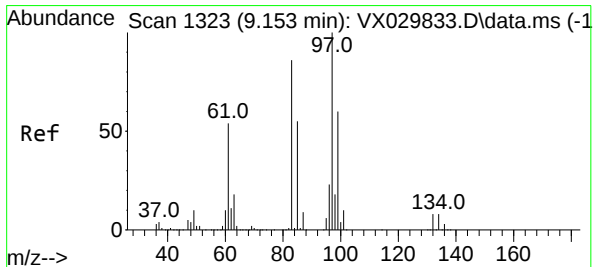
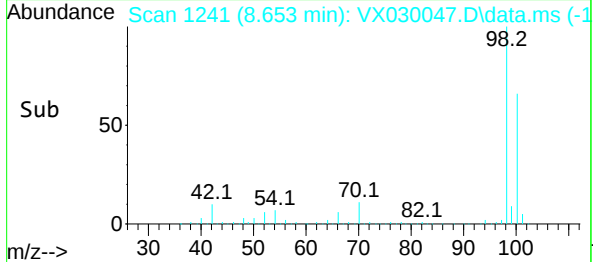
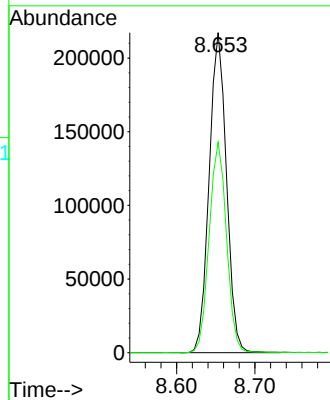
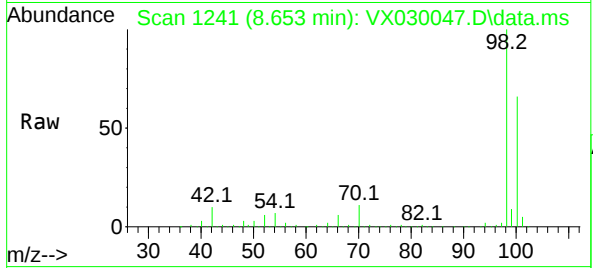




#50
Toluene-d8
Concen: 46.799 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030047.D
Acq: 13 Jul 2022 16:05

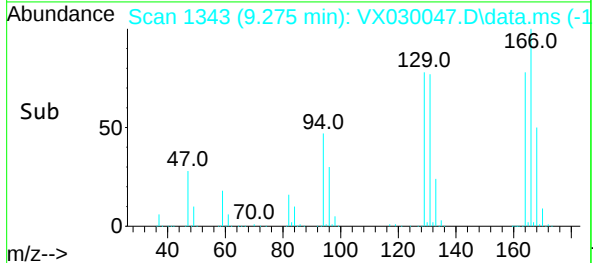
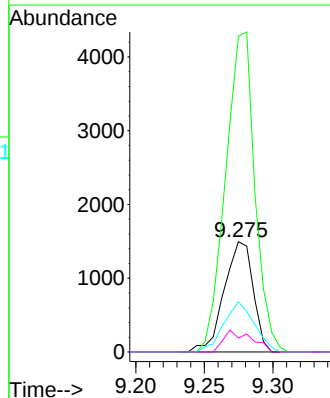
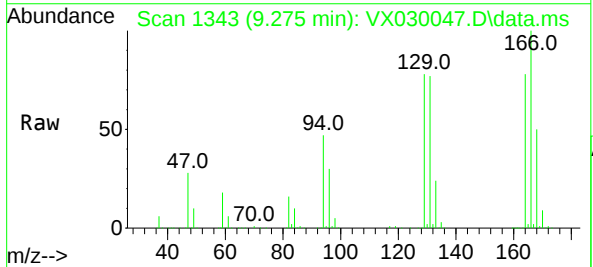
Instrument :
MSVOA_X
ClientSampleId :
IBLK

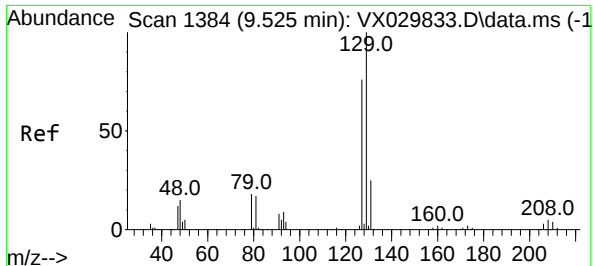
Tgt Ion: 98 Resp: 332725
Ion Ratio Lower Upper
98 100
100 66.1 52.3 78.5



#55
1,1,2-Trichloroethane
Concen: 1.092 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.122 min
Lab File: VX030047.D
Acq: 13 Jul 2022 16:05

Tgt Ion: 97 Resp: 2197
Ion Ratio Lower Upper
97 100
83 286.4 68.9 103.3#
85 45.4 44.0 66.0
99 12.6 48.3 72.5#





#60

Dibromochloromethane

Concen: 128.078 ug/l

RT: 9.275 min Scan# 11

Delta R.T. -0.250 min

Lab File: VX030047.D

Acq: 13 Jul 2022 16:05

Instrument :

MSVOA_X

ClientSampleId :

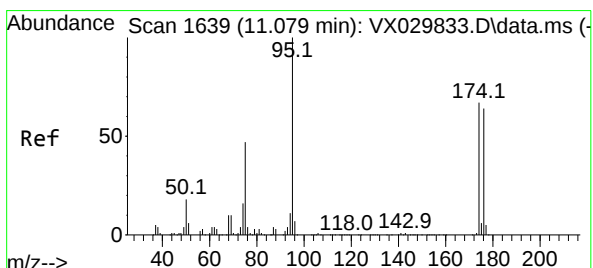
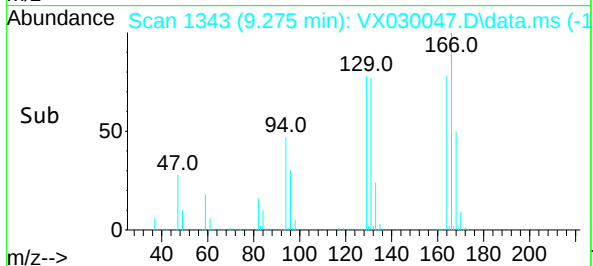
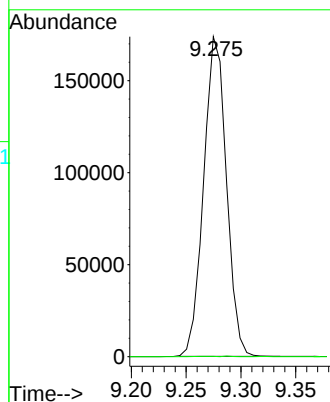
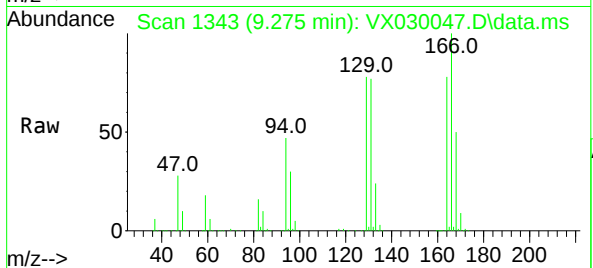
IBLK

Tgt Ion:129 Resp: 251120

Ion Ratio Lower Upper

129 100

127 0.1 38.5 115.5#



#62

4-Bromofluorobenzene

Concen: 45.320 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX030047.D

Acq: 13 Jul 2022 16:05

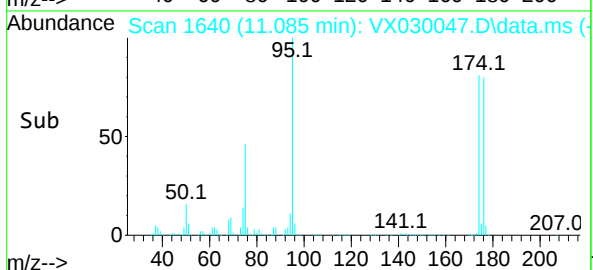
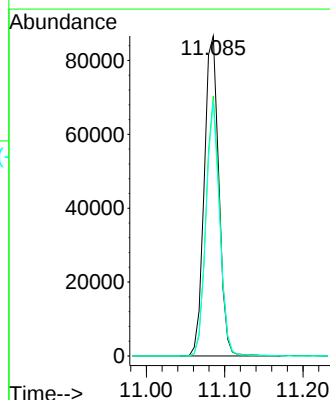
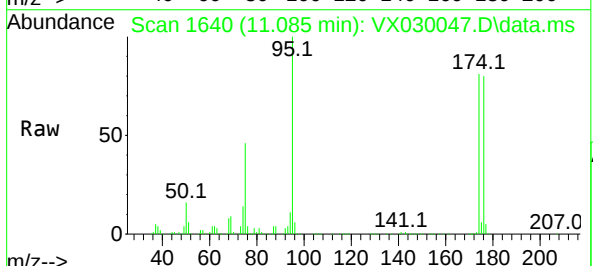
Tgt Ion: 95 Resp: 111815

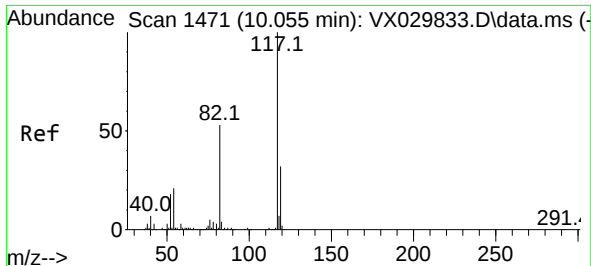
Ion Ratio Lower Upper

95 100

174 76.4 0.0 149.0

176 74.2 0.0 146.0

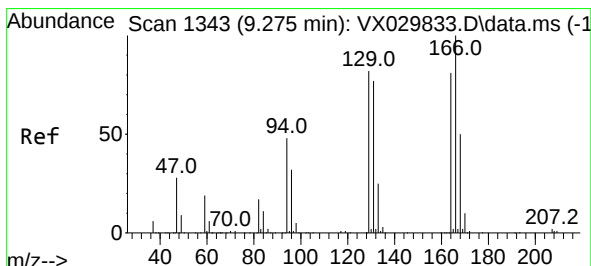
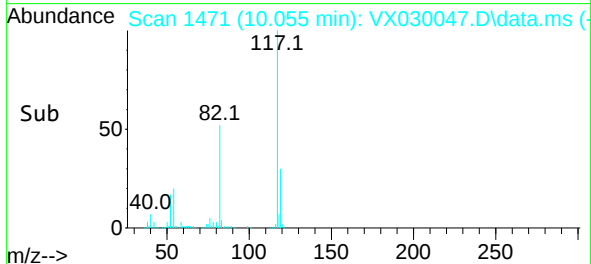
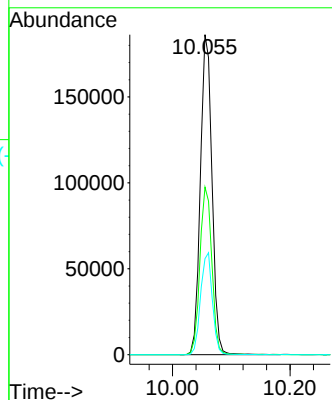
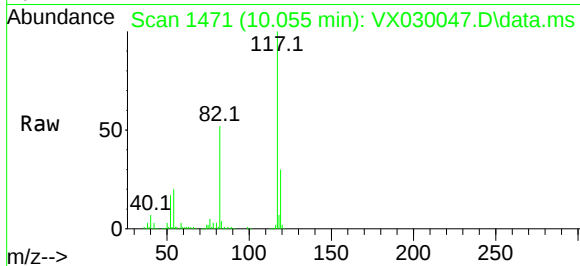




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030047.D
Acq: 13 Jul 2022 16:05

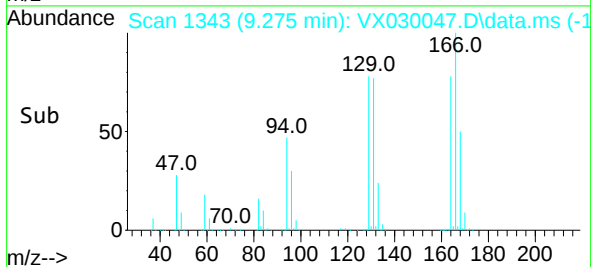
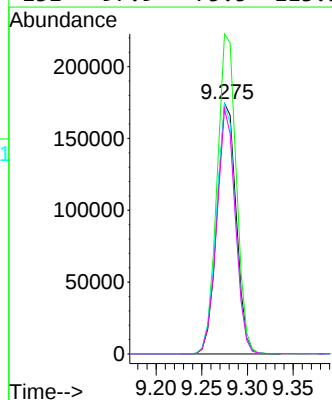
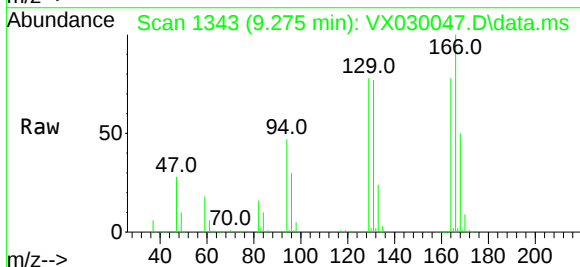
Instrument :
MSVOA_X
ClientSampleId :
IBLK

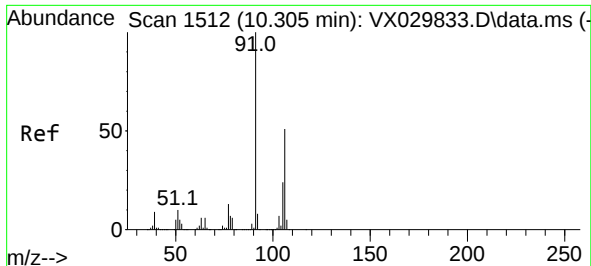
Tgt Ion:117 Resp: 254516
Ion Ratio Lower Upper
117 100
82 52.4 42.7 64.1
119 30.0 25.4 38.2



#64
Tetrachloroethene
Concen: 125.333 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX030047.D
Acq: 13 Jul 2022 16:05

Tgt Ion:164 Resp: 256067
Ion Ratio Lower Upper
164 100
166 127.8 98.2 147.4
129 99.8 80.8 121.2
131 97.9 75.5 113.3

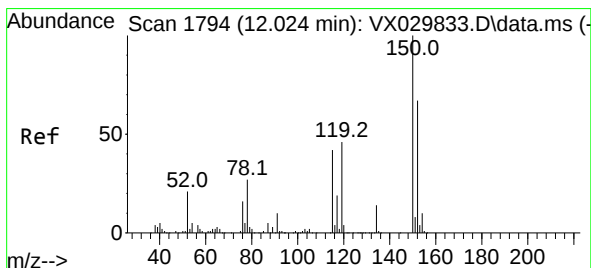
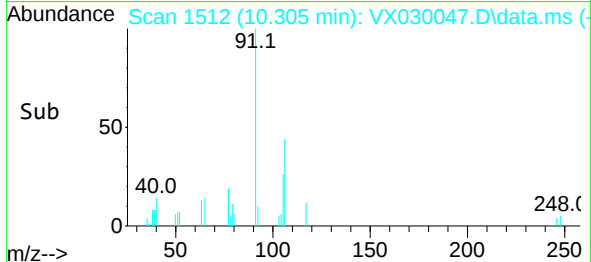
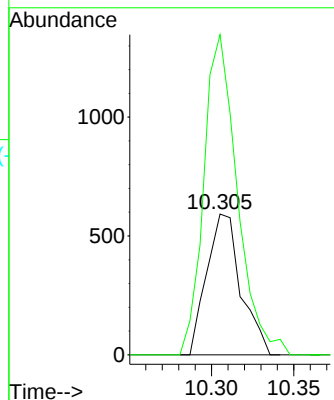
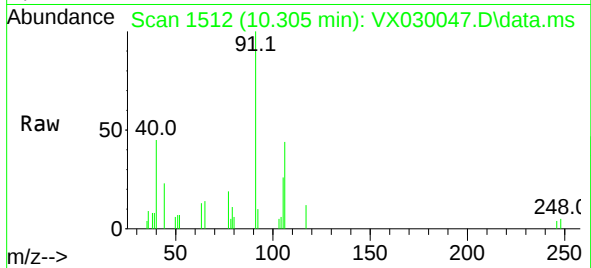




#68
m/p-Xylenes
Concen: 0.254 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030047.D
Acq: 13 Jul 2022 16:05

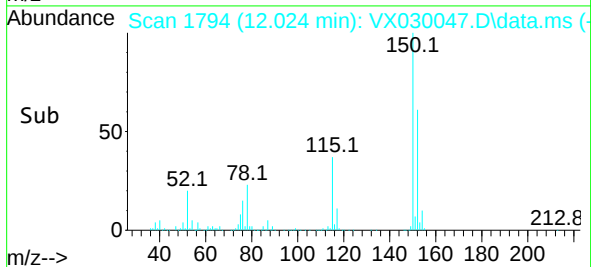
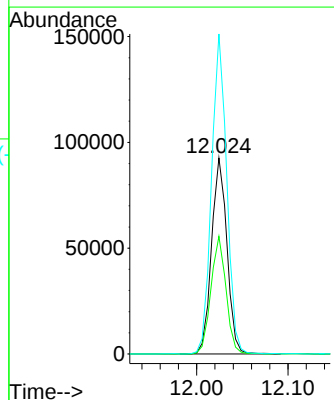
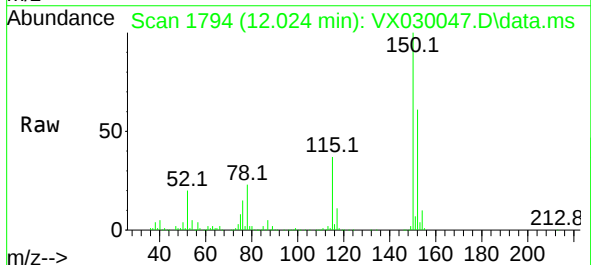
Instrument :
MSVOA_X
ClientSampleId :
IBLK

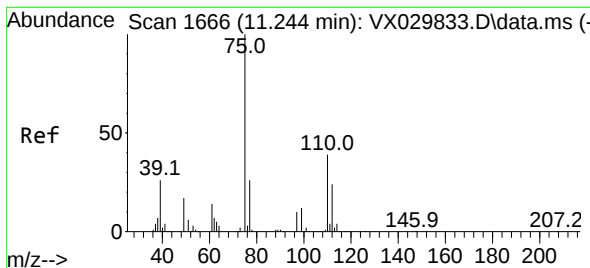
Tgt Ion:106 Resp: 855
Ion Ratio Lower Upper
106 100
91 223.0 158.2 237.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030047.D
Acq: 13 Jul 2022 16:05

Tgt Ion:152 Resp: 108206
Ion Ratio Lower Upper
152 100
115 58.8 40.5 121.5
150 160.6 0.0 347.0





#76

1,2,3-Trichloropropane

Concen: 20.730 ug/l

RT: 11.085 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX030047.D

Acq: 13 Jul 2022 16:05

Instrument :

MSVOA_X

ClientSampleId :

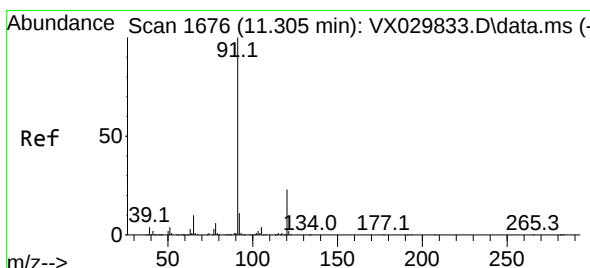
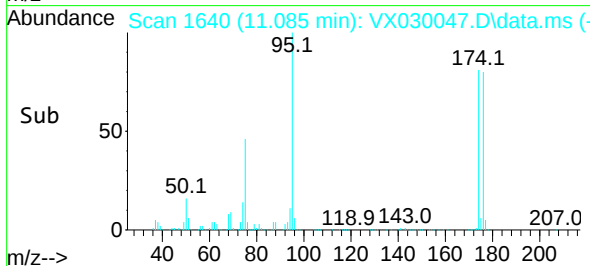
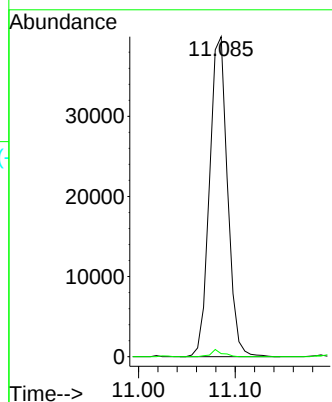
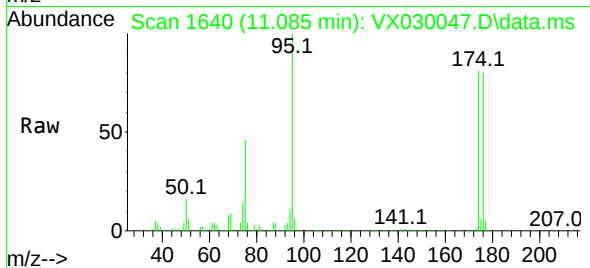
IBLK

Tgt Ion: 75 Resp: 51573

Ion Ratio Lower Upper

75 100

77 1.4 19.8 59.3#



#78

n-propylbenzene

Concen: 0.217 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX030047.D

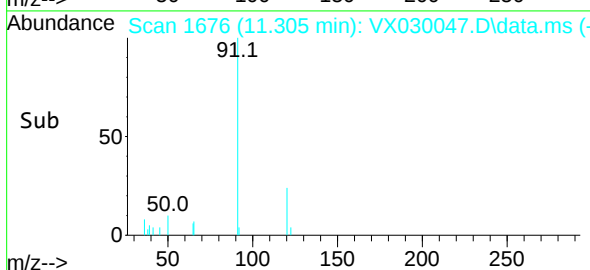
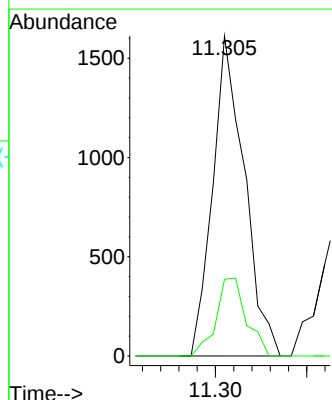
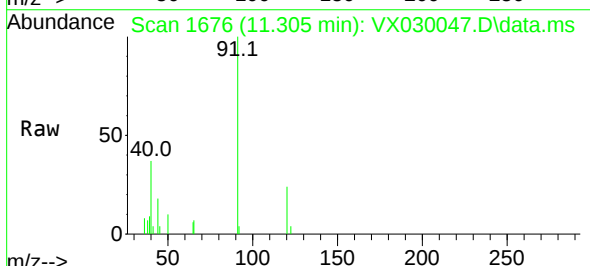
Acq: 13 Jul 2022 16:05

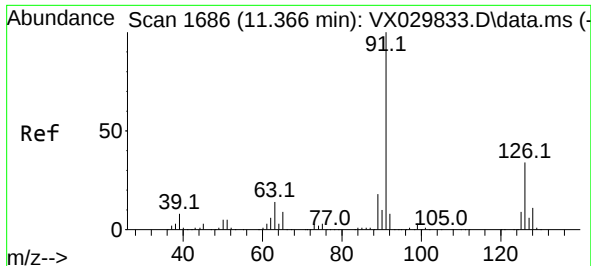
Tgt Ion: 91 Resp: 1943

Ion Ratio Lower Upper

91 100

120 23.3 11.6 34.8

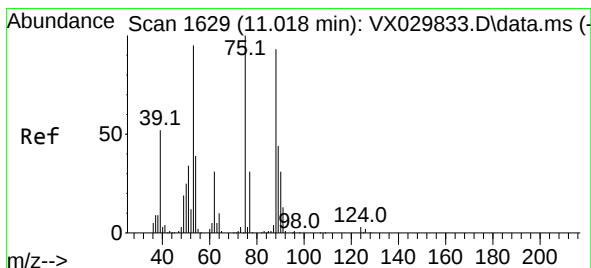
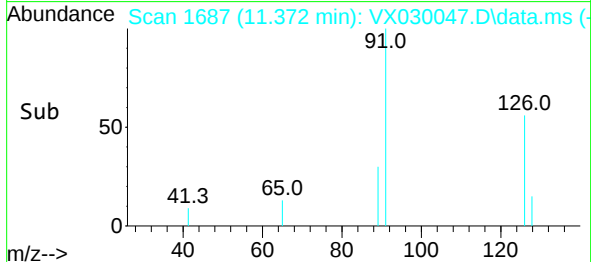
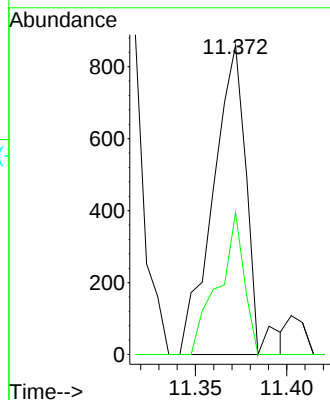
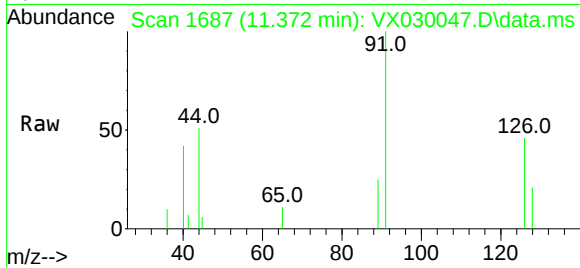




#79
2-Chlorotoluene
Concen: 0.207 ug/l
RT: 11.372 min Scan# 1108
Delta R.T. 0.006 min
Lab File: VX030047.D
Acq: 13 Jul 2022 16:05

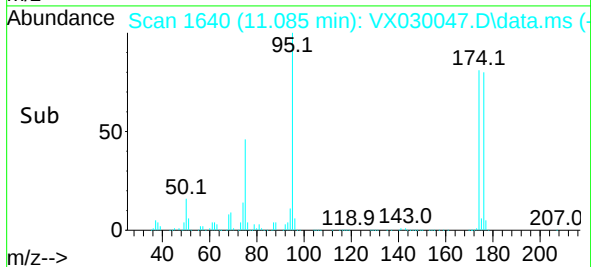
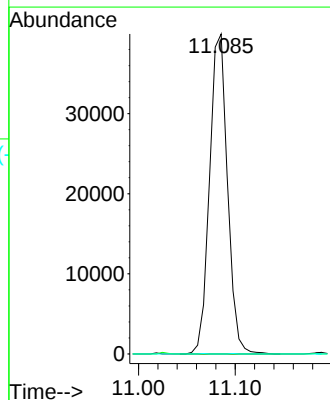
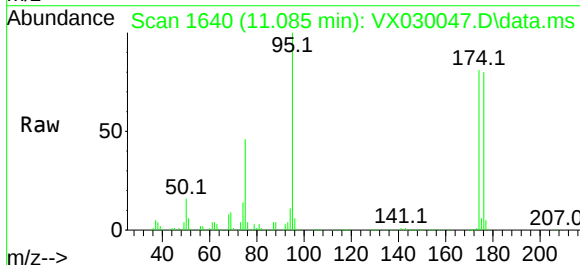
Instrument :
MSVOA_X
ClientSampleId :
IBLK

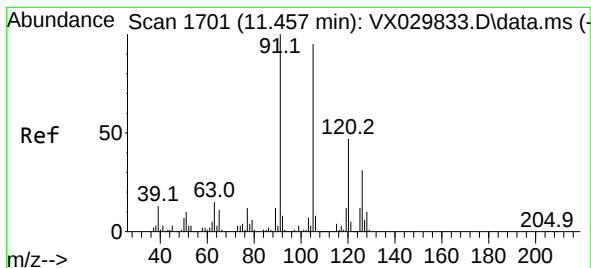
Tgt Ion: 91 Resp: 1108
Ion Ratio Lower Upper
91 100
126 34.8 17.4 52.3



#81
trans-1,4-Dichloro-2-butene
Concen: 59.825 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX030047.D
Acq: 13 Jul 2022 16:05

Tgt Ion: 75 Resp: 51573
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#





#82

4-Chlorotoluene

Concen: 0.250 ug/l

RT: 11.457 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VX030047.D

Acq: 13 Jul 2022 16:05

Instrument :

MSVOA_X

ClientSampleId :

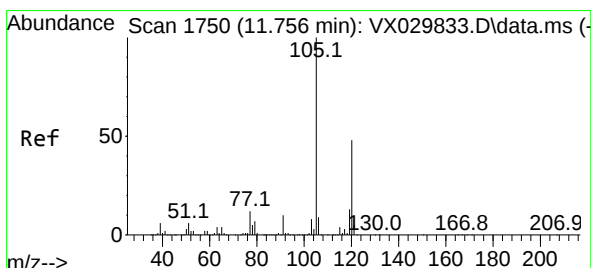
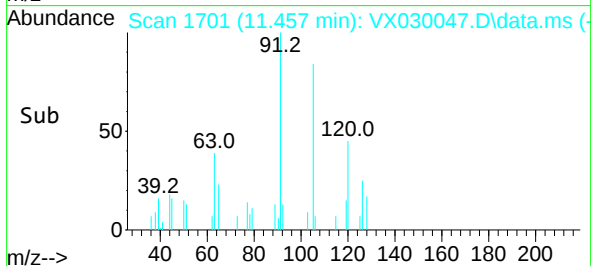
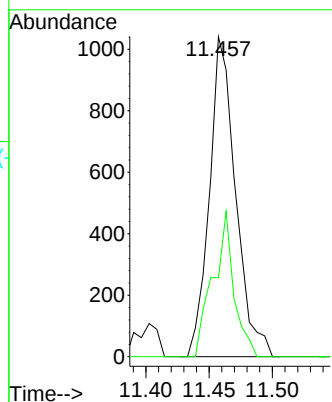
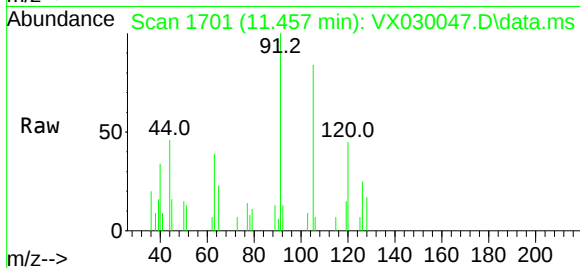
IBLK

Tgt Ion: 91 Resp: 1500

Ion Ratio Lower Upper

91 100

126 36.3 15.3 45.9



#84

1,2,4-Trimethylbenzene

Concen: 0.202 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VX030047.D

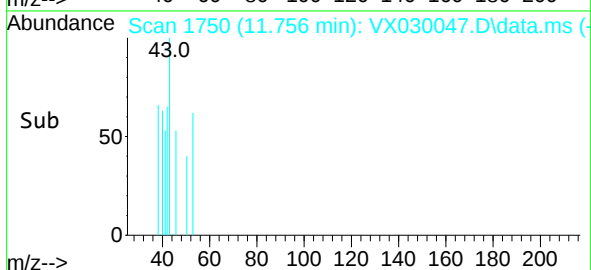
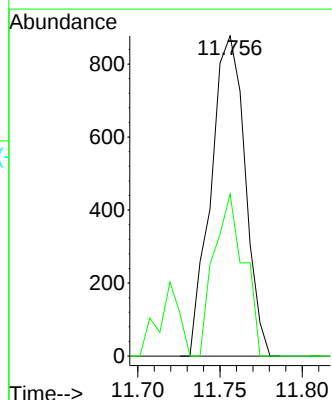
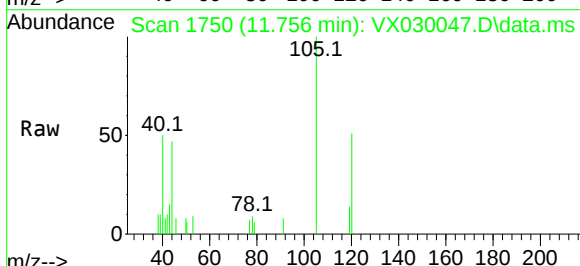
Acq: 13 Jul 2022 16:05

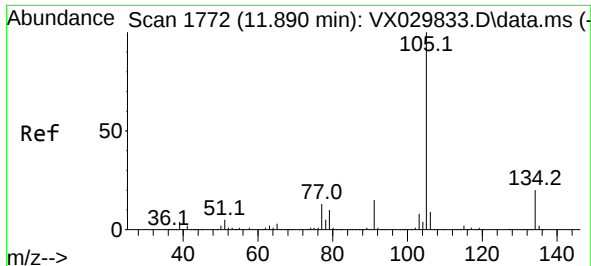
Tgt Ion: 105 Resp: 1267

Ion Ratio Lower Upper

105 100

120 44.5 22.9 68.8

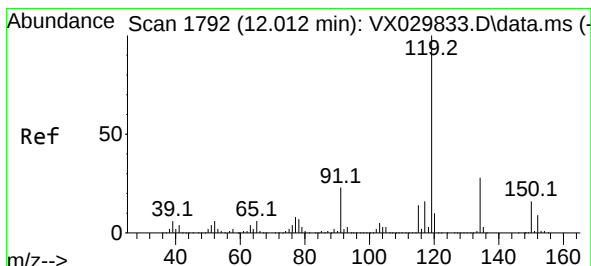
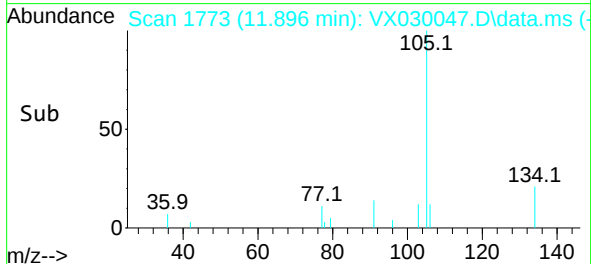
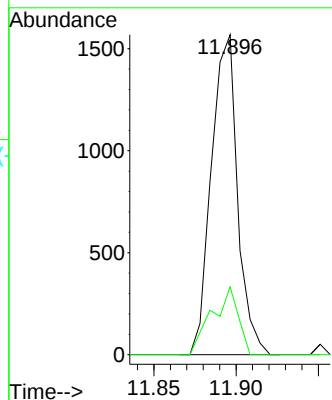
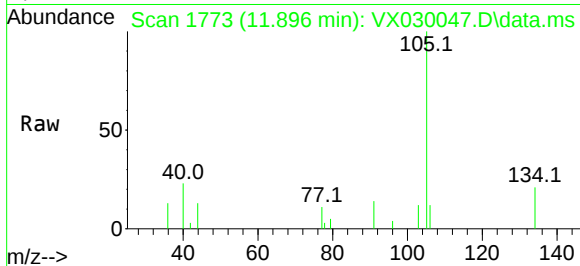




#85
 sec-Butylbenzene
 Concen: 0.216 ug/l
 RT: 11.896 min Scan# 1773
 Delta R.T. 0.006 min
 Lab File: VX030047.D
 Acq: 13 Jul 2022 16:05

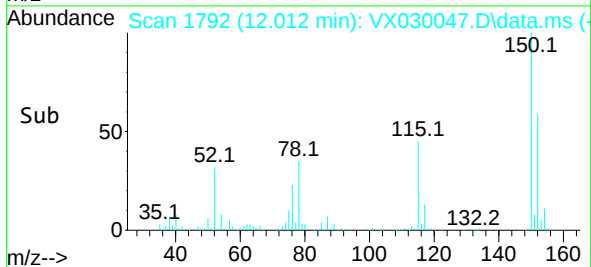
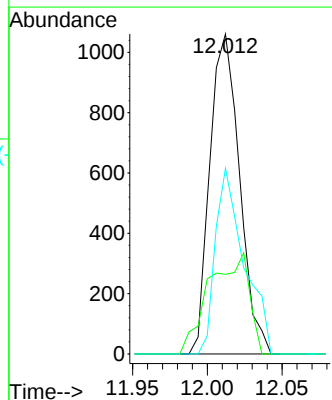
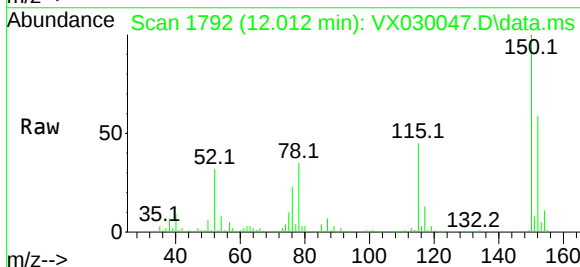
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

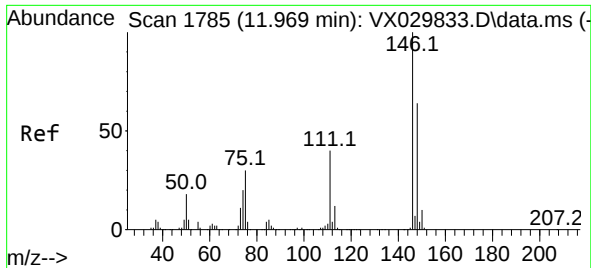
Tgt Ion:105 Resp: 1735
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 0.227 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX030047.D
 Acq: 13 Jul 2022 16:05

Tgt Ion:119 Resp: 1467
 Ion Ratio Lower Upper
 119 100
 134 42.1 13.9 41.6#
 91 56.4 11.8 35.3#

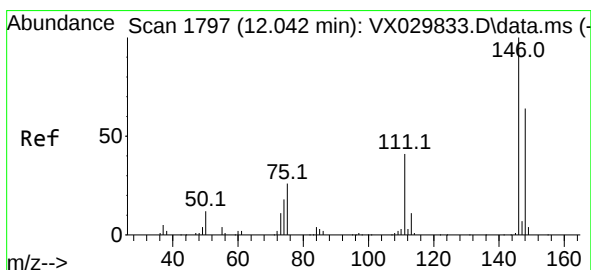
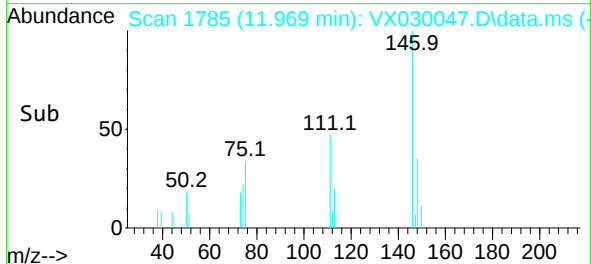
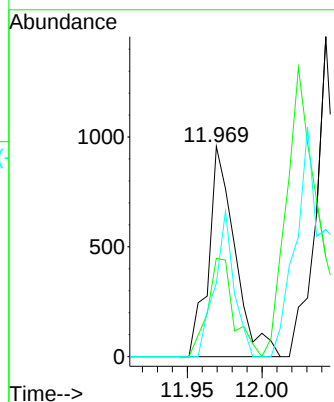
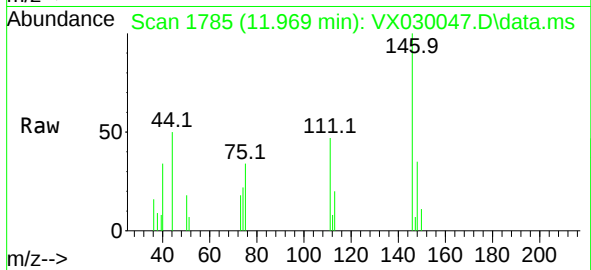




#87
 1,3-Dichlorobenzene
 Concen: 0.338 ug/l
 RT: 11.969 min Scan# 1785
 Delta R.T. 0.000 min
 Lab File: VX030047.D
 Acq: 13 Jul 2022 16:05

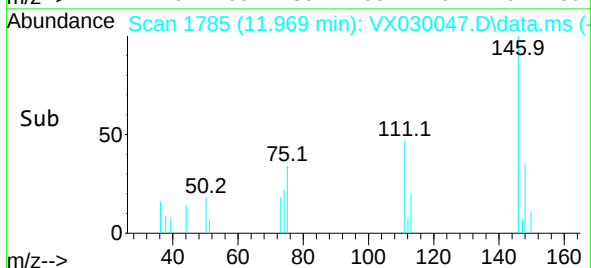
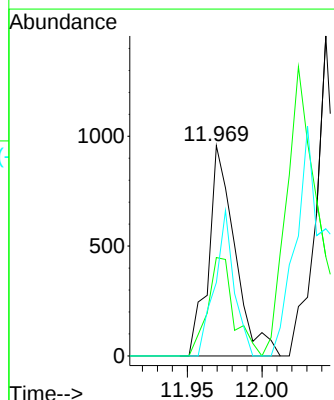
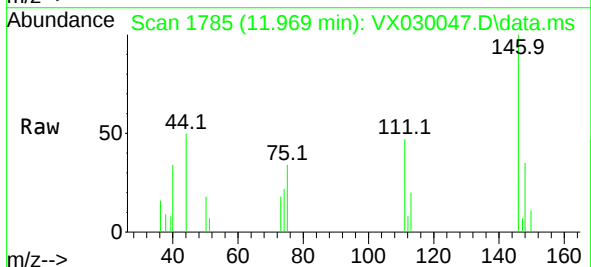
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

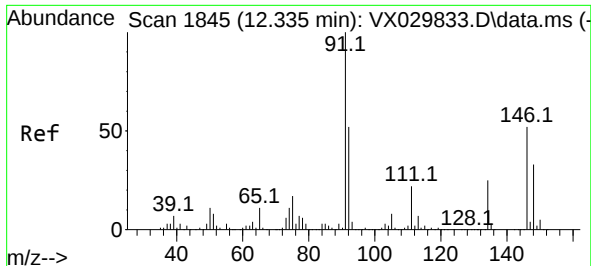
Tgt Ion:146	Resp:	1178
Ion Ratio	Lower	Upper
146	100	
111	46.3	20.3 60.8
148	50.3	31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 0.330 ug/l
 RT: 11.969 min Scan# 1785
 Delta R.T. -0.073 min
 Lab File: VX030047.D
 Acq: 13 Jul 2022 16:05

Tgt Ion:146	Resp:	1178
Ion Ratio	Lower	Upper
146	100	
111	46.3	20.3 60.9
148	50.3	32.3 96.8





#89

n-Butylbenzene

Concen: 0.357 ug/l

RT: 12.335 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX030047.D

Acq: 13 Jul 2022 16:05

Instrument :

MSVOA_X

ClientSampleId :

IBLK

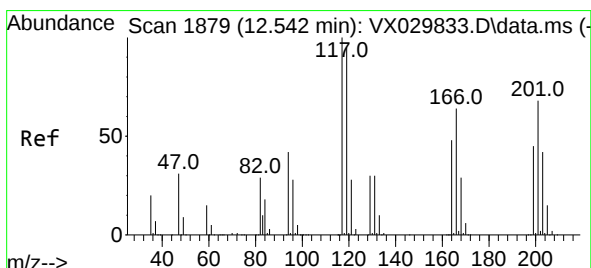
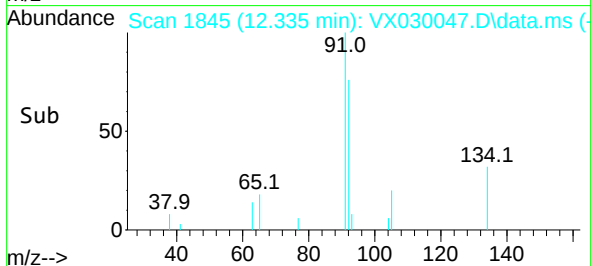
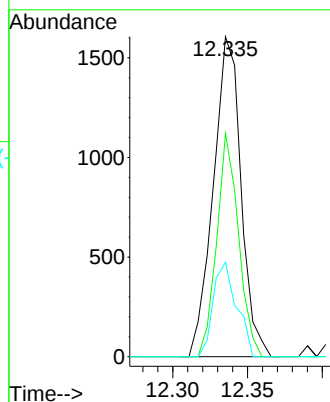
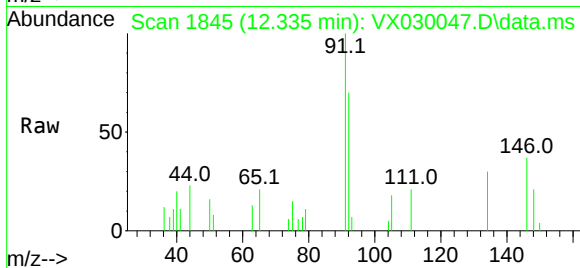
Tgt Ion: 91 Resp: 2068

Ion Ratio Lower Upper

91 100

92 54.7 26.2 78.5

134 25.0 12.6 37.8



#90

Hexachloroethane

Concen: 2.758 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.006 min

Lab File: VX030047.D

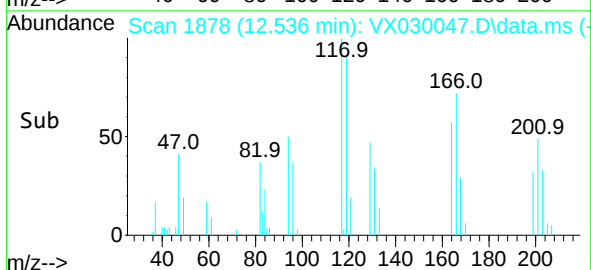
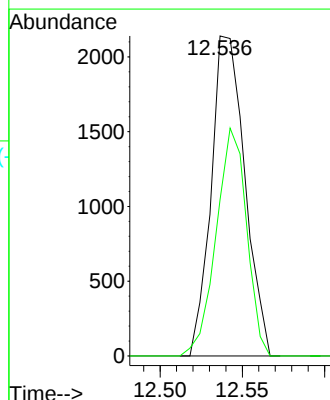
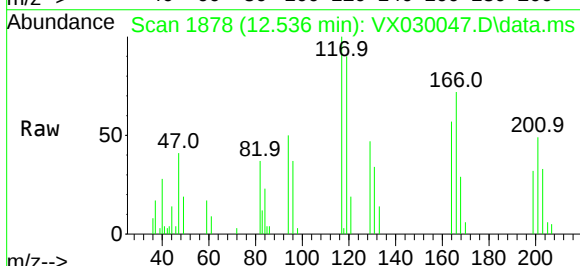
Acq: 13 Jul 2022 16:05

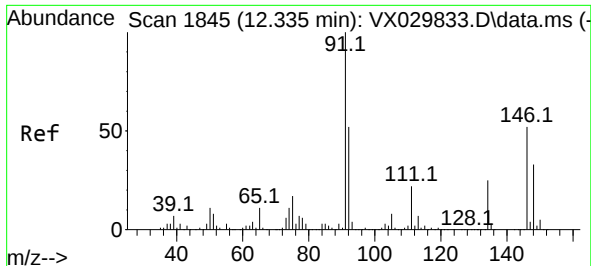
Tgt Ion: 117 Resp: 3044

Ion Ratio Lower Upper

117 100

201 64.4 34.2 102.5

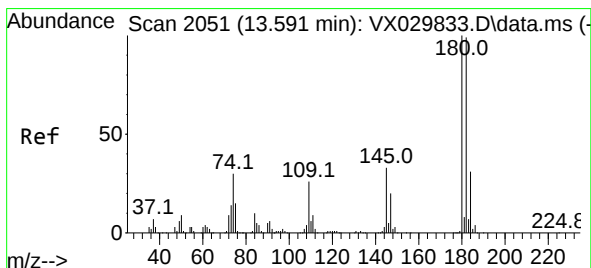
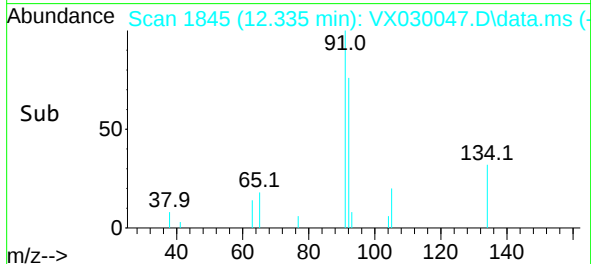
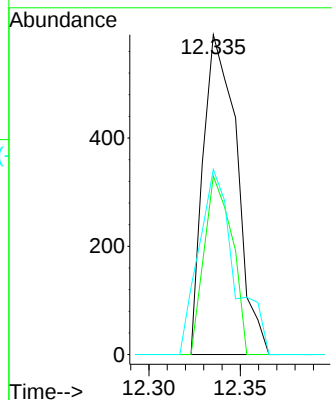
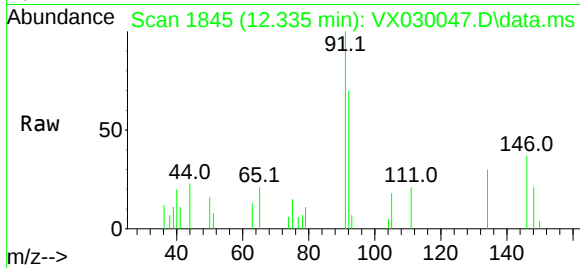




#91
1,2-Dichlorobenzene
Concen: 0.213 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX030047.D
Acq: 13 Jul 2022 16:05

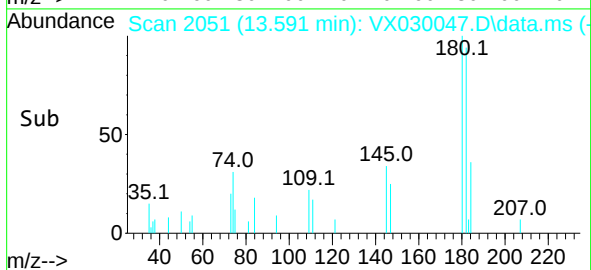
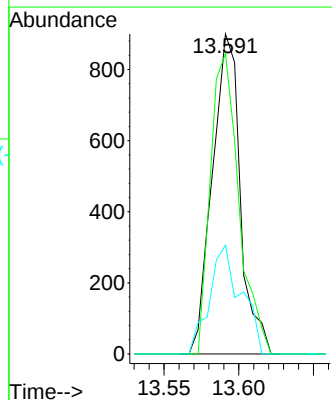
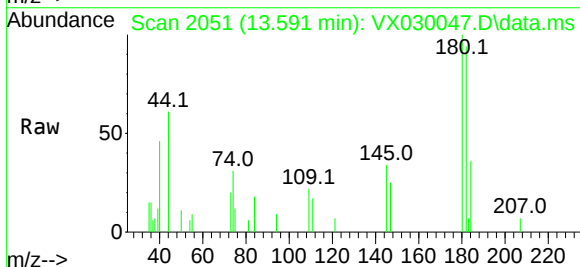
Instrument :
MSVOA_X
ClientSampleId :
IBLK

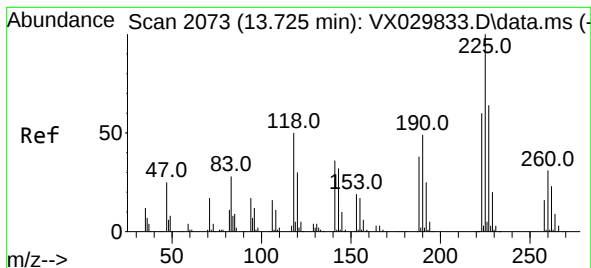
Tgt Ion:	146	Resp:	754
Ion	Ratio	Lower	Upper
146	100		
111	46.6	20.7	62.1
148	62.3	32.0	96.2



#93
1,2,4-Trichlorobenzene
Concen: 0.537 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX030047.D
Acq: 13 Jul 2022 16:05

Tgt Ion:	180	Resp:	1168
Ion	Ratio	Lower	Upper
180	100		
182	95.5	48.2	144.6
145	38.5	15.9	47.6





#94

Hexachlorobutadiene

Concen: 0.688 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX030047.D

Acq: 13 Jul 2022 16:05

Instrument :

MSVOA_X

ClientSampleId :

IBLK

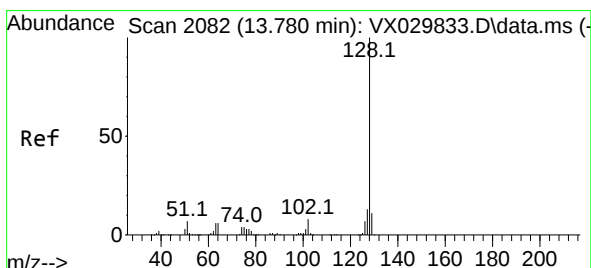
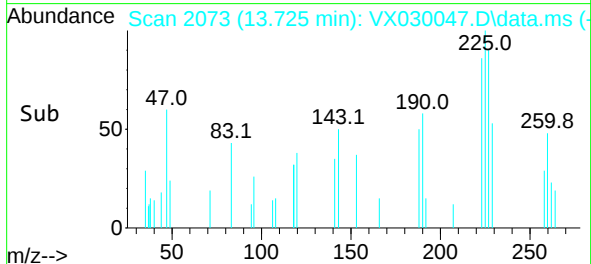
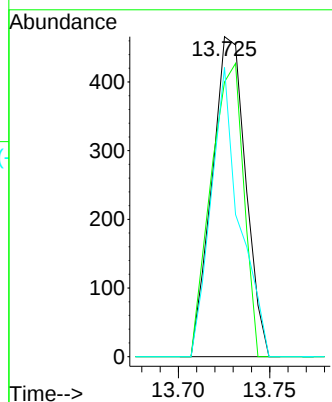
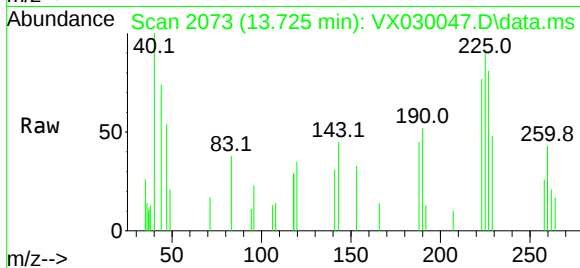
Tgt Ion:225 Resp: 597

Ion Ratio Lower Upper

225 100

223 88.6 30.6 91.6

227 76.4 31.9 95.9



#95

Naphthalene

Concen: 0.380 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VX030047.D

Acq: 13 Jul 2022 16:05

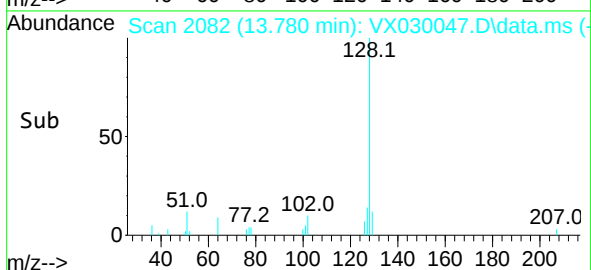
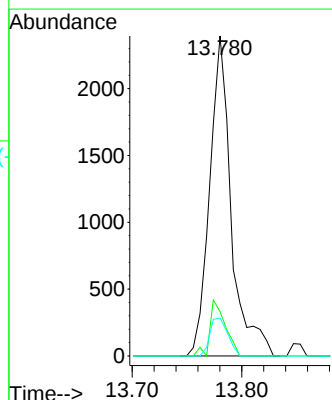
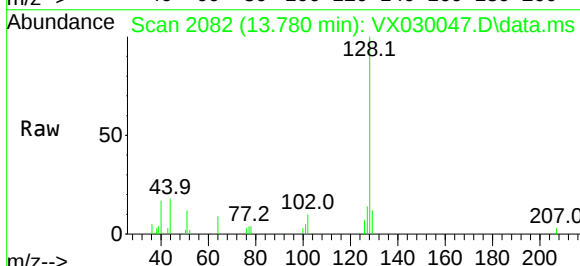
Tgt Ion:128 Resp: 3278

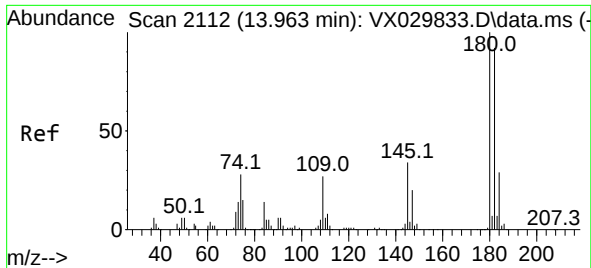
Ion Ratio Lower Upper

128 100

127 12.4 10.2 15.2

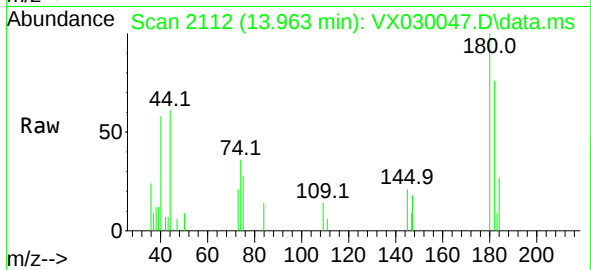
129 9.8 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.513 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX030047.D
 Acq: 13 Jul 2022 16:05

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK



Tgt Ion:	180	Resp:	1134
Ion	Ratio	Lower	Upper
180	100		
182	85.4	47.0	141.0
145	28.6	17.0	50.9

