

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052623\
 Data File : VX035892.D
 Acq On : 26 May 2023 18:37
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: May 29 06:56:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052623W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 29 06:46:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	69104	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	135645	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	135338	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66496	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	39386	32.073	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	64.140%#
35) Dibromofluoromethane	5.385	113	28970	31.092	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	62.180%#
50) Toluene-d8	8.647	98	100088	29.270	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	58.540%#
62) 4-Bromofluorobenzene	11.079	95	37729	28.004	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	56.000%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	811	0.882	ug/l	83
3) Chloromethane	1.294	50	660	0.697	ug/l #	69
4) Vinyl Chloride	1.374	62	607	0.667	ug/l #	71
5) Bromomethane	1.618	94	776	1.423	ug/l	99
7) Trichlorofluoromethane	1.886	101	847	0.620	ug/l	87
9) 1,1,2-Trichlorotrifluoro...	2.331	101	762	0.941	ug/l #	71
10) Methyl Iodide	2.459	142	1077	1.311	ug/l #	79
12) 1,1-Dichloroethene	2.319	96	644	0.849	ug/l #	73
13) Acrolein	2.246	56	950	4.480	ug/l	91
14) Allyl chloride	2.660	41	1016	0.678	ug/l #	75
15) Acrylonitrile	3.075	53	1752	3.582	ug/l	96
16) Acetone	2.392	43	1559	3.145	ug/l	97
17) Carbon Disulfide	2.514	76	7372	4.194	ug/l	96
18) Methyl Acetate	2.709	43	1017	0.531	ug/l #	78
20) Methylene Chloride	2.782	84	1348	0.676	ug/l #	89
21) trans-1,2-Dichloroethene	3.087	96	1356	1.621	ug/l	82
23) Vinyl Acetate	3.727	43	2278	1.086	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	599	0.616	ug/l	83
31) Cyclohexane	5.471	56	761	0.522	ug/l #	88
39) Methylcyclohexane	7.379	83	1225	0.759	ug/l #	85
40) Benzene	6.044	78	1114	0.281	ug/l #	88
44) Trichloroethene	7.135	130	977	0.990	ug/l	65
46) Dibromomethane	7.580	93	462	0.644	ug/l	91
51) 4-Methyl-2-Pentanone	8.580	43	1118	0.732	ug/l #	75
52) Toluene	8.714	92	934	0.375	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	798	1.378	ug/l #	74
54) cis-1,3-Dichloropropene	8.366	75	606	0.402	ug/l #	73
58) 2-Chloroethyl Vinyl ether	8.251	63	782	0.951	ug/l	98
59) 2-Hexanone	9.433	43	1315	1.139	ug/l	97
61) 1,2-Dibromoethane	9.616	107	445	0.428	ug/l	99
64) Tetrachloroethene	9.269	164	763	0.833	ug/l #	76
65) Chlorobenzene	10.079	112	1687	0.586	ug/l	99
67) Ethyl Benzene	10.195	91	2110	0.395	ug/l #	73
68) m/p-Xylenes	10.299	106	1903	0.962	ug/l	96
69) o-Xylene	10.640	106	657	0.334	ug/l	86
70) Styrene	10.659	104	1395	0.432	ug/l	92

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 ClientSampleId :
 IBLK

Quant Time: May 29 06:56:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052623W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 29 06:46:01 2023
 Response via : Initial Calibration

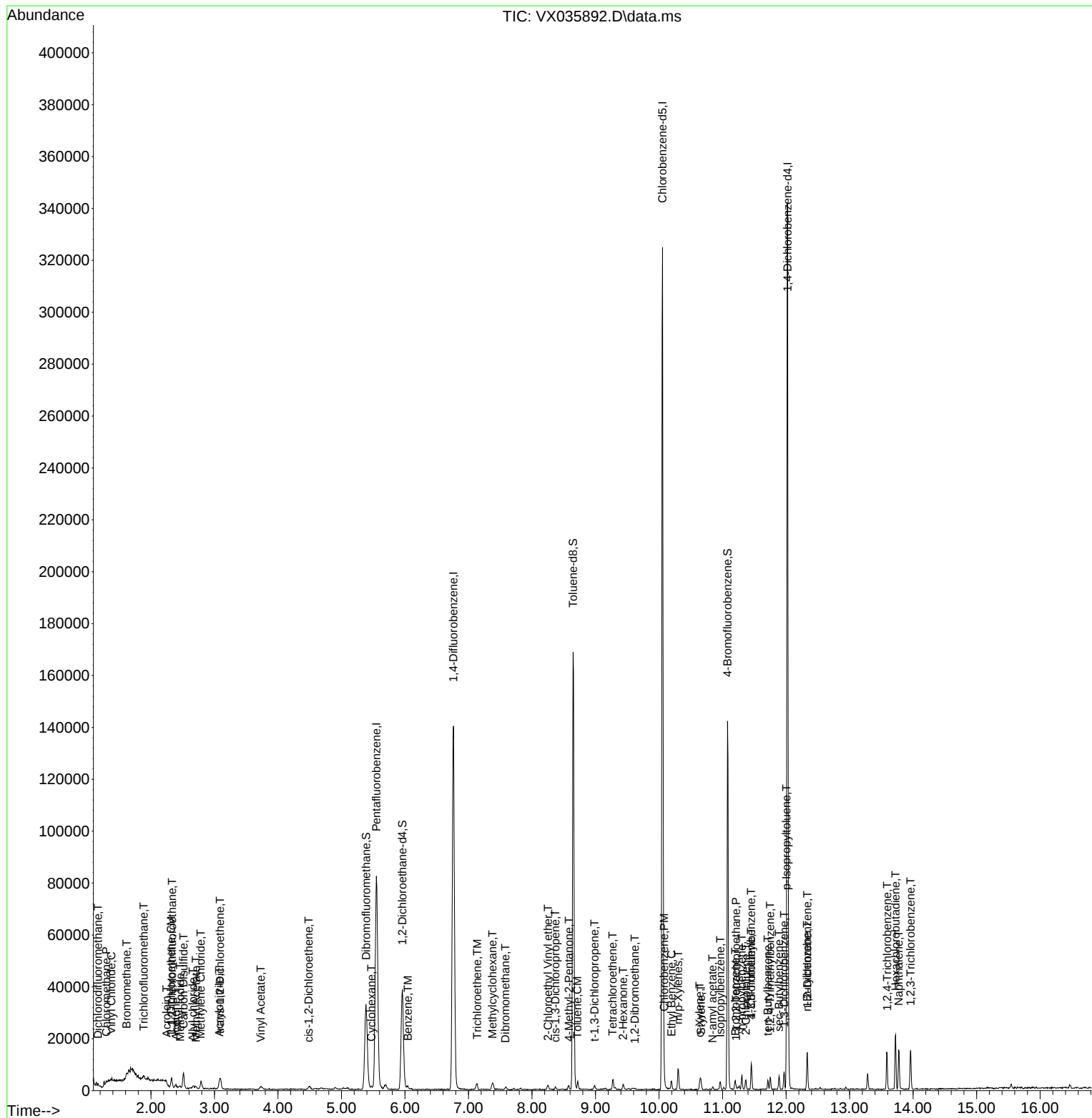
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
73) Isopropylbenzene	10.963	105	1824	0.338	ug/l	96
74) N-amyl acetate	10.842	43	553	0.236	ug/l #	77
75) 1,1,2,2-Tetrachloroethane	11.213	83	359	0.204	ug/l #	83
77) Bromobenzene	11.201	156	619	0.509	ug/l	82
78) n-propylbenzene	11.305	91	3867	0.615	ug/l	94
79) 2-Chlorotoluene	11.366	91	2009	0.504	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	1808	0.393	ug/l	97
82) 4-Chlorotoluene	11.451	91	3625	0.799	ug/l	98
83) tert-Butylbenzene	11.713	119	1273	0.289	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	2215	0.481	ug/l	97
85) sec-Butylbenzene	11.890	105	3065	0.556	ug/l	97
86) p-Isopropyltoluene	12.006	119	2667	0.579	ug/l	88
87) 1,3-Dichlorobenzene	11.969	146	2209	0.951	ug/l	96
89) n-Butylbenzene	12.329	91	4522	1.116	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	1459	0.636	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	3105	2.303	ug/l	92
94) Hexachlorobutadiene	13.725	225	2604	4.816	ug/l	97
95) Naphthalene	13.774	128	9747	2.081	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	3652	2.718	ug/l	93

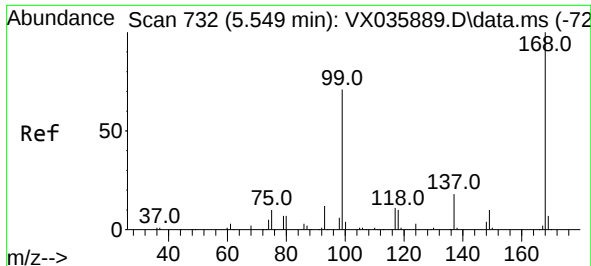
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial  : 9      Sample Multiplier: 1
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Instrument :
MSVOA_X
ClientSampleId :
IBLK

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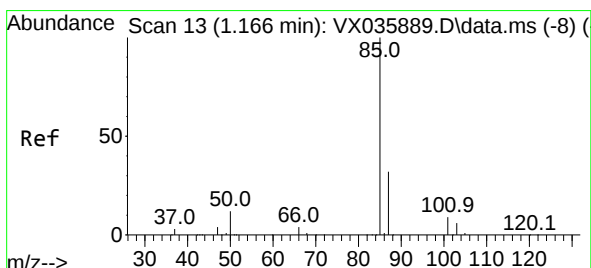
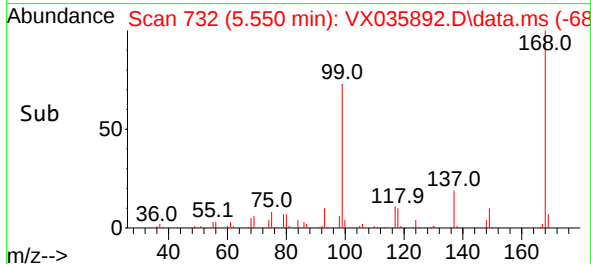
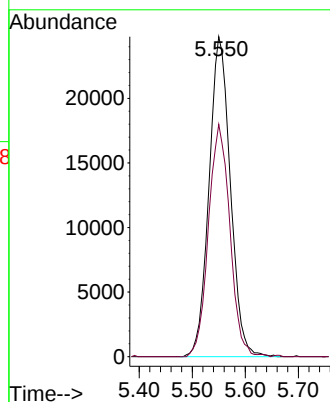
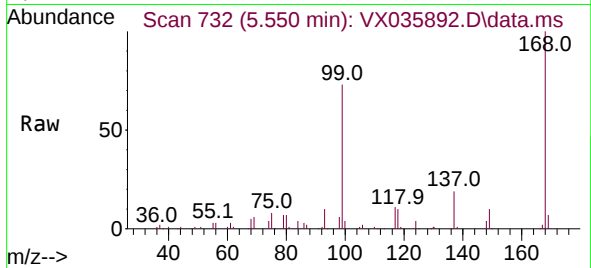




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035892.D
Acq: 26 May 2023 18:37

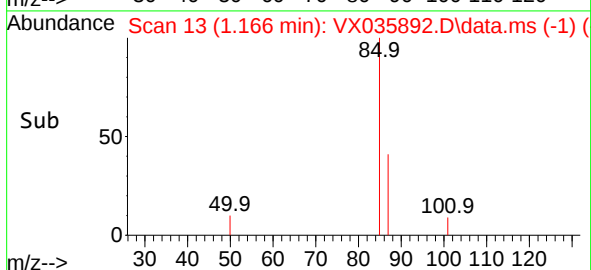
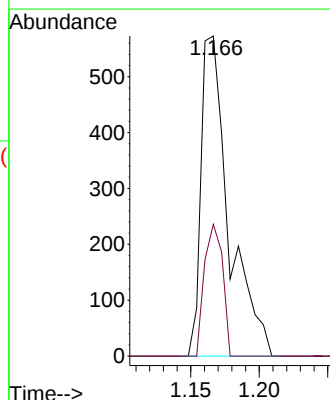
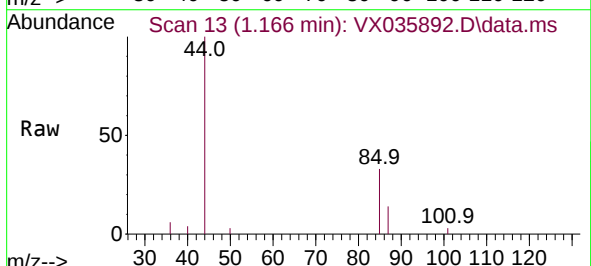
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ClientSampleId :
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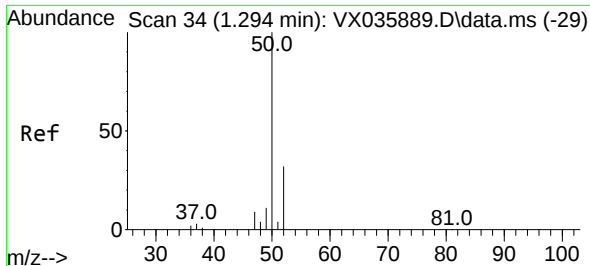
Tgt Ion:168 Resp: 69104
Ion Ratio Lower Upper
168 100
99 72.6 57.0 85.6



#2
Dichlorodifluoromethane
Concen: 0.882 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX035892.D
Acq: 26 May 2023 18:37

Tgt Ion: 85 Resp: 811
Ion Ratio Lower Upper
85 100
87 41.2 15.8 47.4

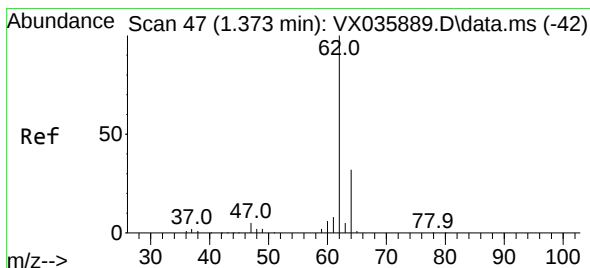
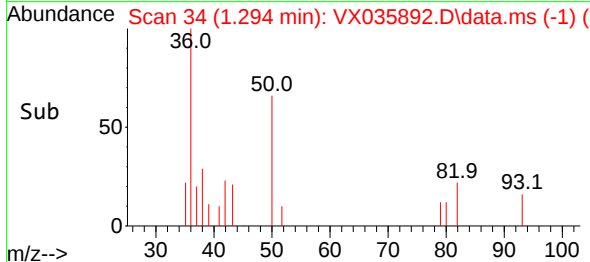
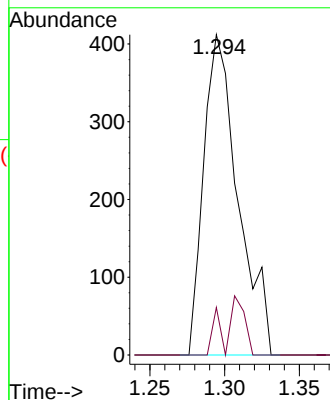
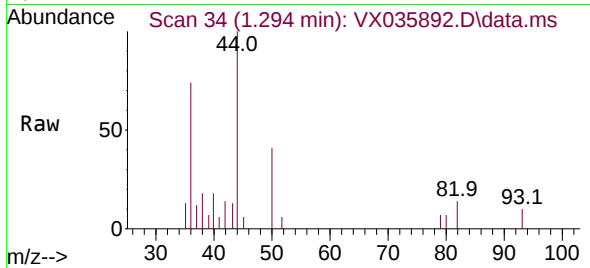




#3
Chloromethane
Concen: 0.697 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035892.D
Acq: 26 May 2023 18:37

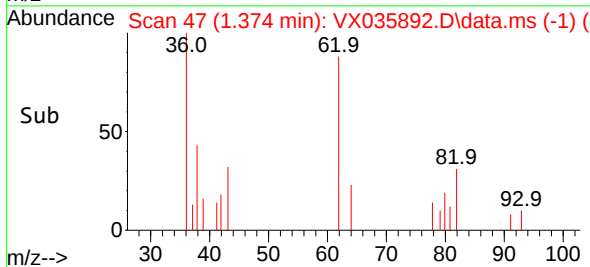
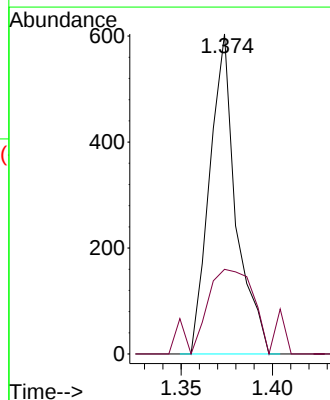
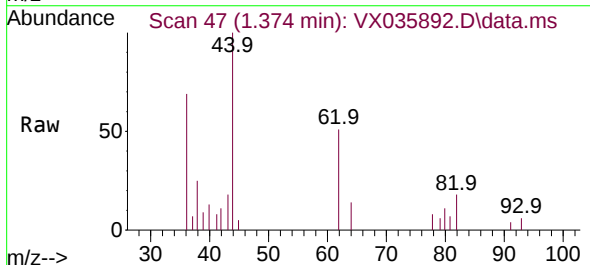
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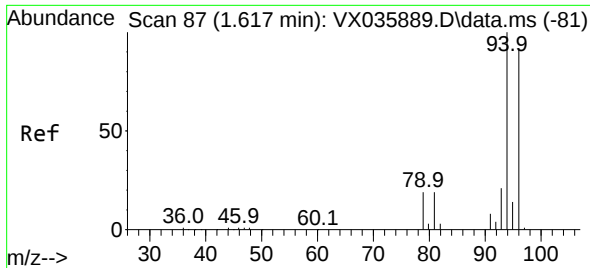
Tgt Ion: 50 Resp: 660
Ion Ratio Lower Upper
50 100
52 14.8 25.4 38.2#



#4
Vinyl Chloride
Concen: 0.667 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX035892.D
Acq: 26 May 2023 18:37

Tgt Ion: 62 Resp: 607
Ion Ratio Lower Upper
62 100
64 15.4 25.2 37.8#

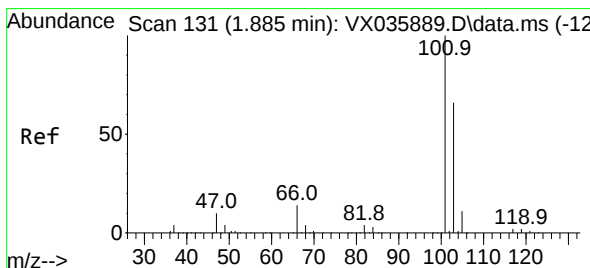
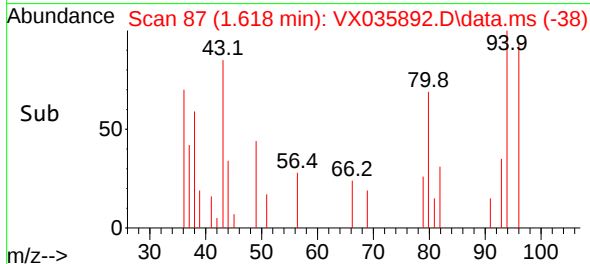
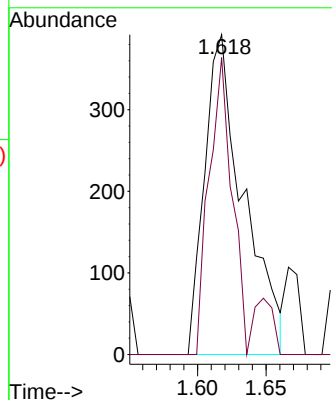
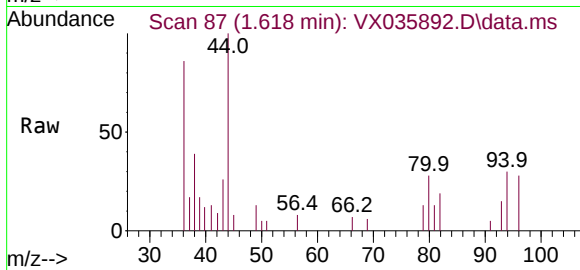




#5
Bromomethane
Concen: 1.423 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX035892.D
Acq: 26 May 2023 18:37

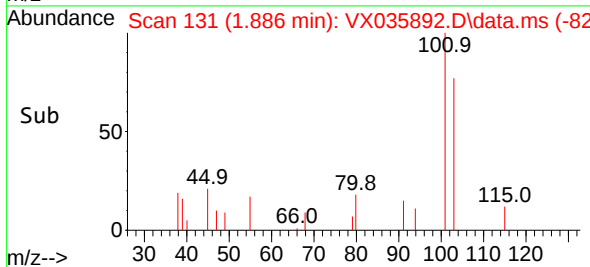
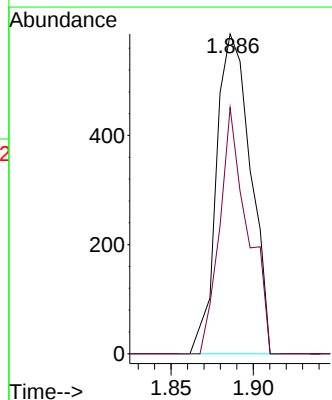
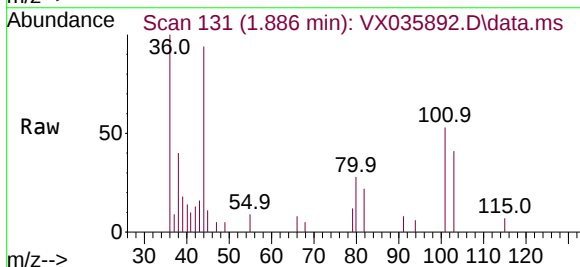
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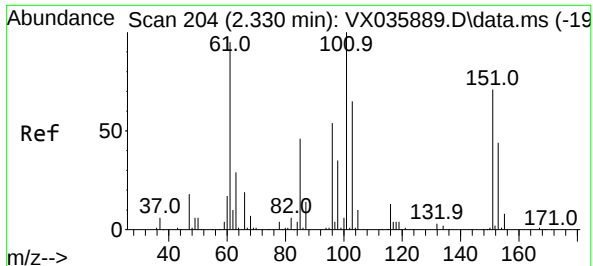
Tgt Ion: 94 Resp: 776
Ion Ratio Lower Upper
94 100
96 92.9 73.5 110.3



#7
Trichlorofluoromethane
Concen: 0.620 ug/l
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX035892.D
Acq: 26 May 2023 18:37

Tgt Ion:101 Resp: 847
Ion Ratio Lower Upper
101 100
103 77.0 53.2 79.8

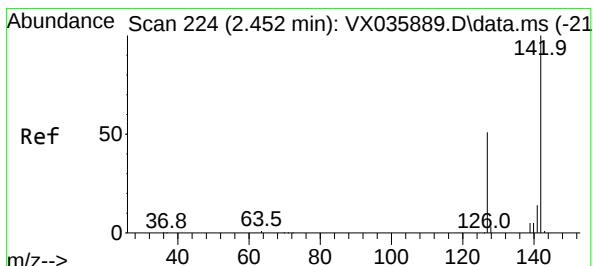
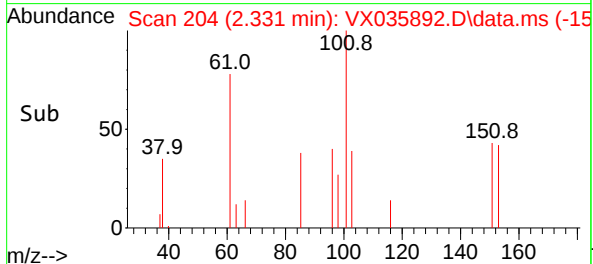
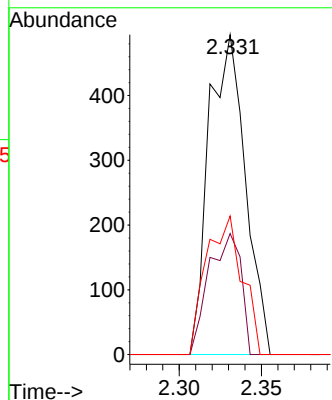
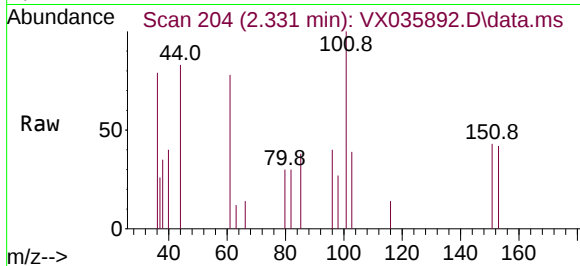




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.941 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX035892.D
Acq: 26 May 2023 18:37

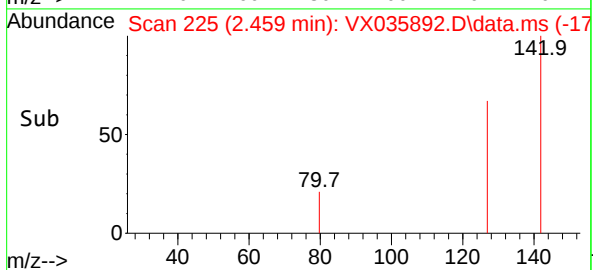
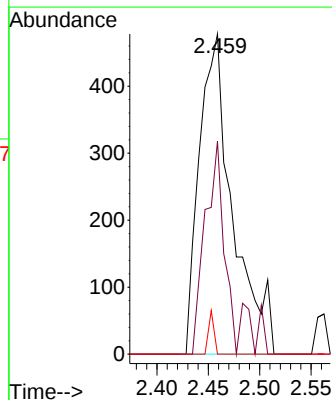
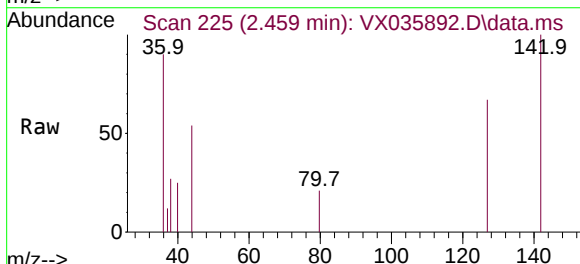
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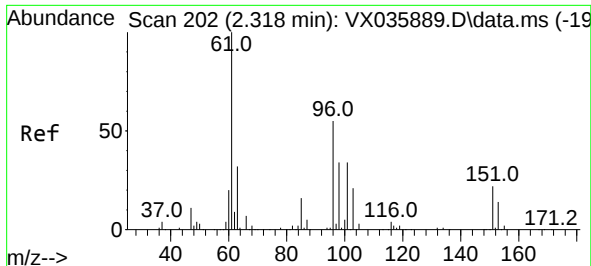
Tgt Ion:101 Resp: 762
Ion Ratio Lower Upper
101 100
85 33.2 37.3 55.9#
151 42.8 57.0 85.6#



#10
Methyl Iodide
Concen: 1.311 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX035892.D
Acq: 26 May 2023 18:37

Tgt Ion:142 Resp: 1077
Ion Ratio Lower Upper
142 100
127 37.8 40.3 60.5#
141 2.2 11.4 17.0#





#12

1,1-Dichloroethene

Concen: 0.849 ug/l

RT: 2.319 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX035892.D

Acq: 26 May 2023 18:37

Instrument :

MSVOA_X

ClientSampleId :

IBLK

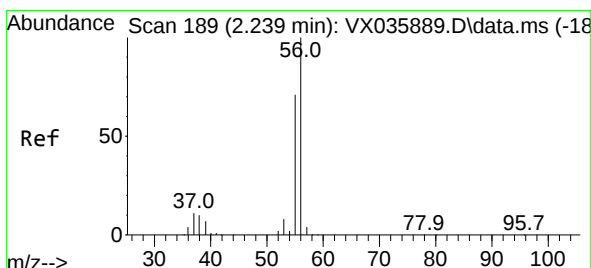
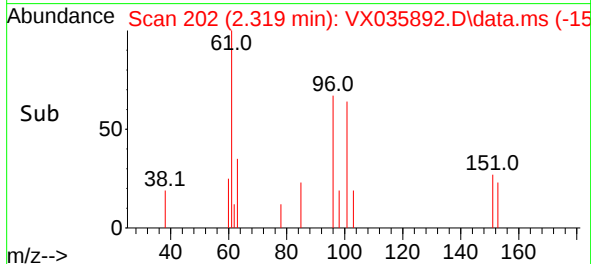
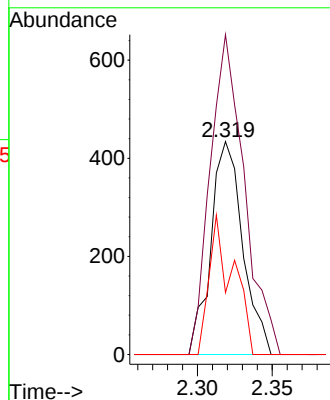
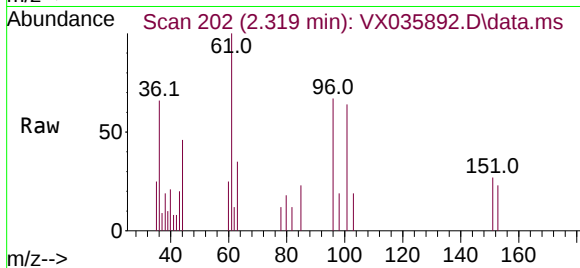
Tgt Ion: 96 Resp: 644

Ion Ratio Lower Upper

96 100

61 150.2 145.2 217.8

98 29.0 49.3 73.9#



#13

Acrolein

Concen: 4.480 ug/l

RT: 2.246 min Scan# 190

Delta R.T. 0.006 min

Lab File: VX035892.D

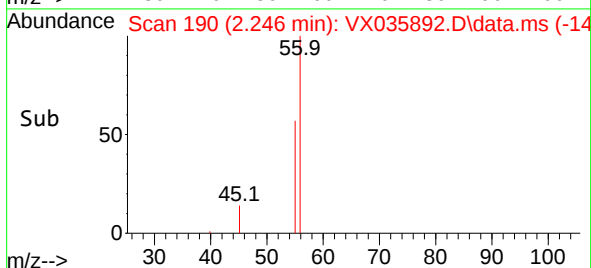
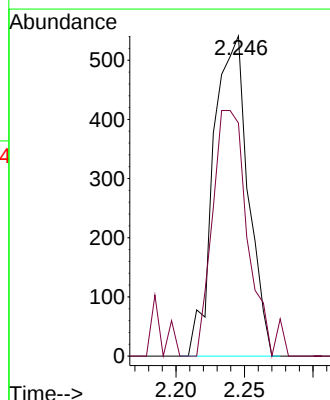
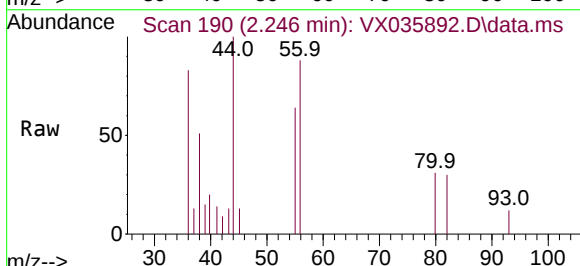
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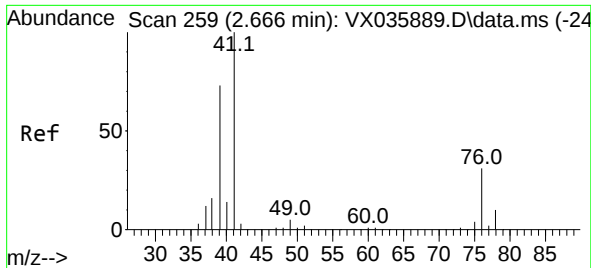
Tgt Ion: 56 Resp: 950

Ion Ratio Lower Upper

56 100

55 78.9 57.3 85.9

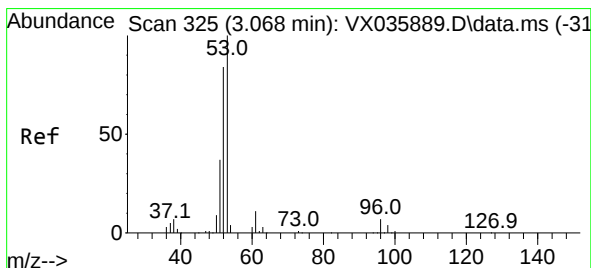
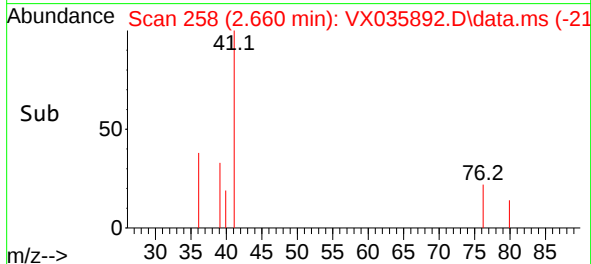
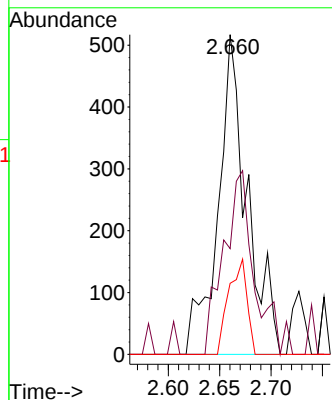
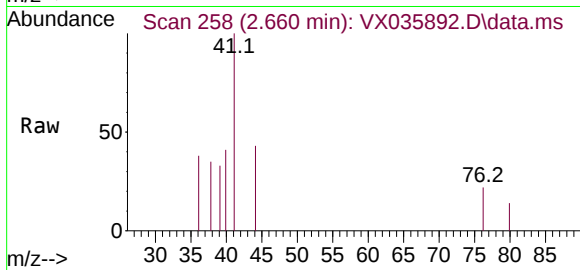




#14
 Allyl chloride
 Concen: 0.678 ug/l
 RT: 2.660 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VX035892.D
 Acq: 26 May 2023 18:37

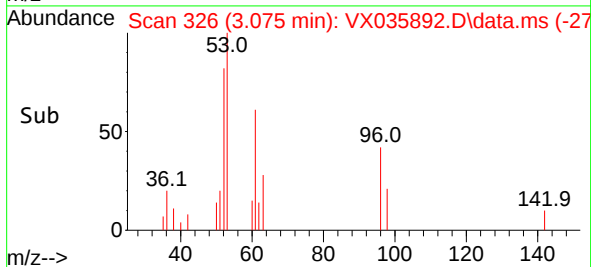
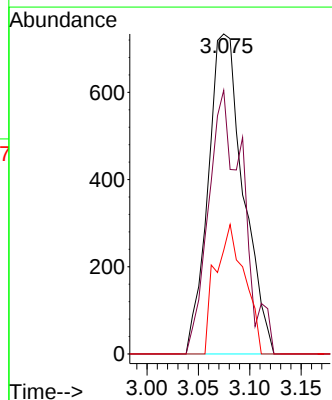
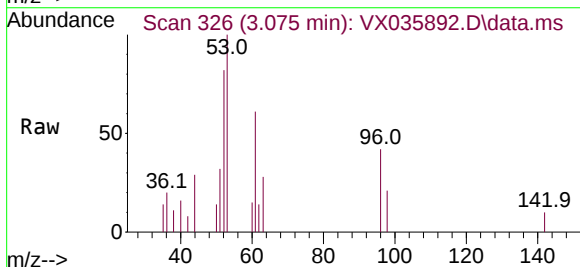
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

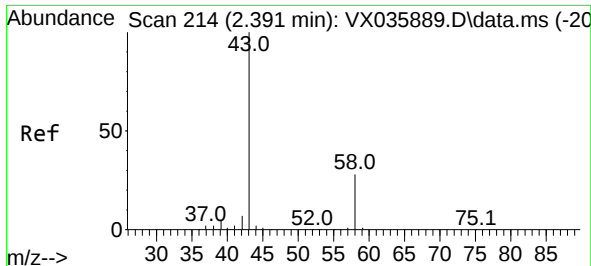
Tgt Ion: 41	Resp:	1016
Ion	Ratio	Lower Upper
41	100	
39	61.0	56.9 85.3
76	0.0	24.1 36.1#



#15
 Acrylonitrile
 Concen: 3.582 ug/l
 RT: 3.075 min Scan# 326
 Delta R.T. 0.006 min
 Lab File: VX035892.D
 Acq: 26 May 2023 18:37

Tgt Ion: 53	Resp:	1752
Ion	Ratio	Lower Upper
53	100	
52	80.7	67.0 100.4
51	33.3	29.8 44.8





#16

Acetone

Concen: 3.145 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.000 min

Lab File: VX035892.D

Acq: 26 May 2023 18:37

Instrument :

MSVOA_X

ClientSampleId :

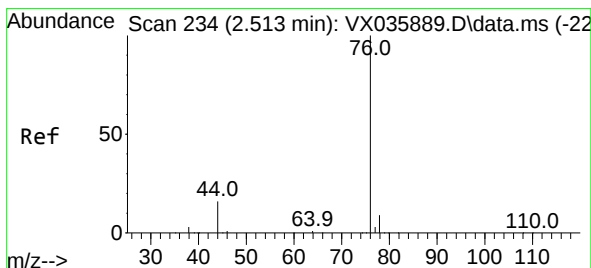
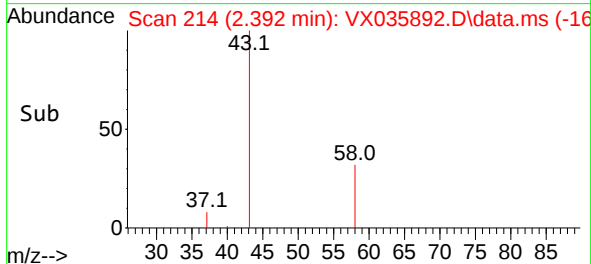
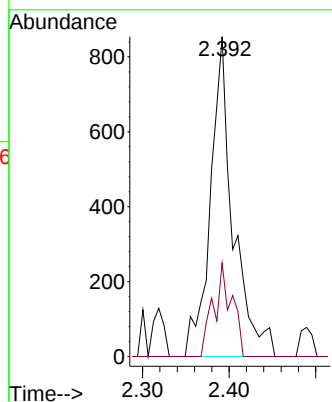
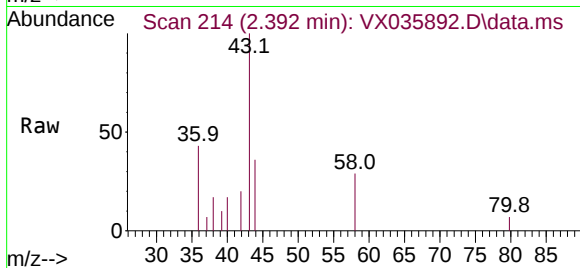
IBLK

Tgt Ion: 43 Resp: 1559

Ion Ratio Lower Upper

43 100

58 29.3 22.2 33.2



#17

Carbon Disulfide

Concen: 4.194 ug/l

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX035892.D

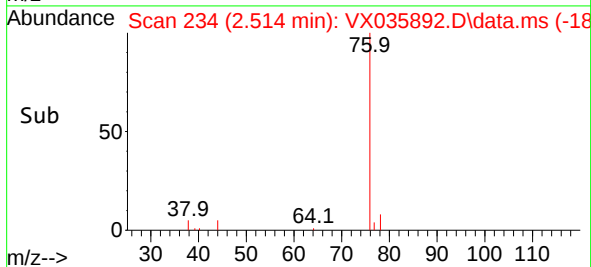
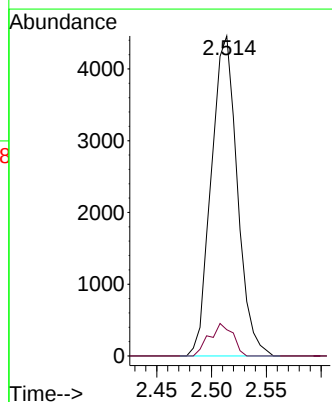
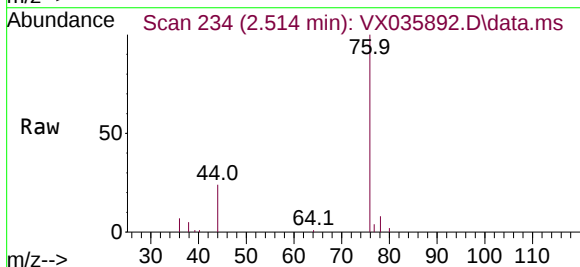
Acq: 26 May 2023 18:37

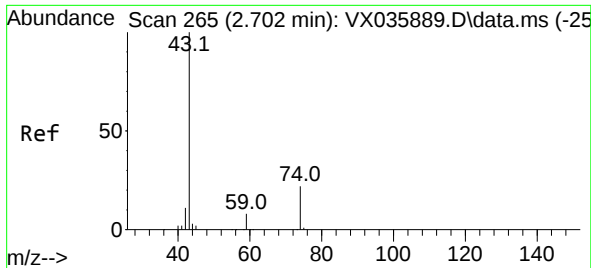
Tgt Ion: 76 Resp: 7372

Ion Ratio Lower Upper

76 100

78 8.2 7.6 11.4

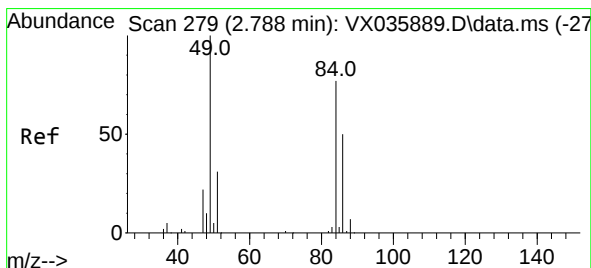
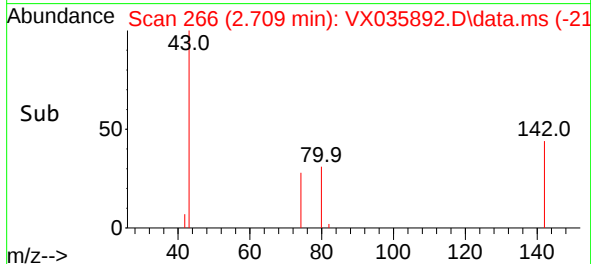
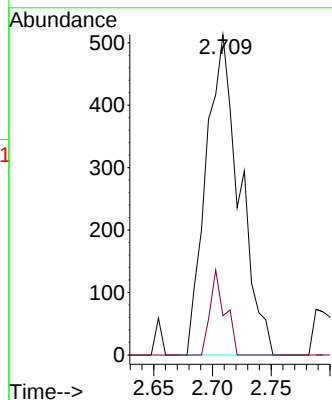
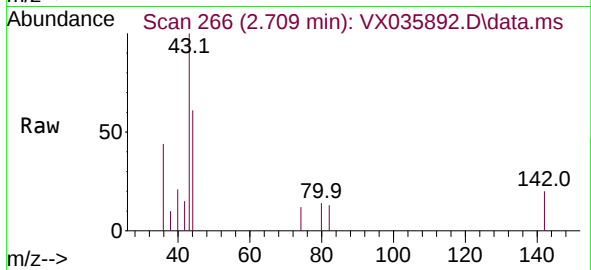




#18
Methyl Acetate
Concen: 0.531 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX035892.D
Acq: 26 May 2023 18:37

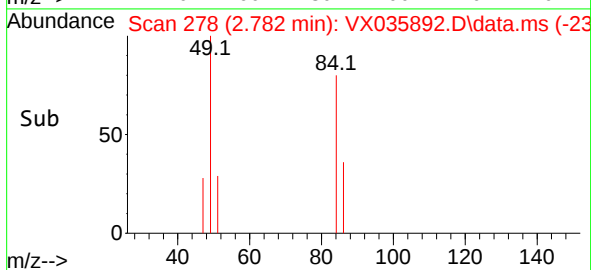
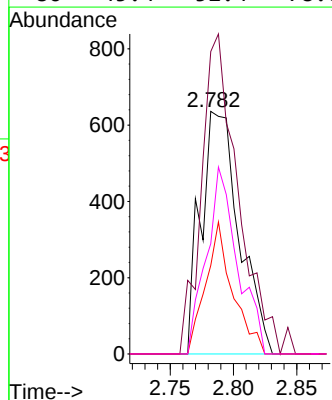
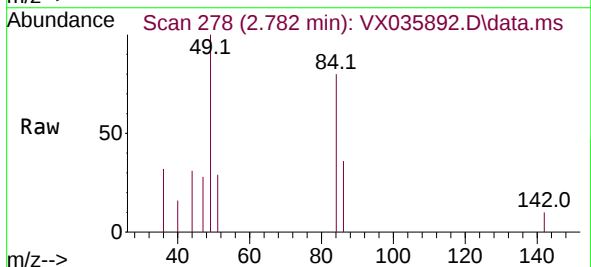
Instrument :
MSVOA_X
ClientSampleId :
IBLK

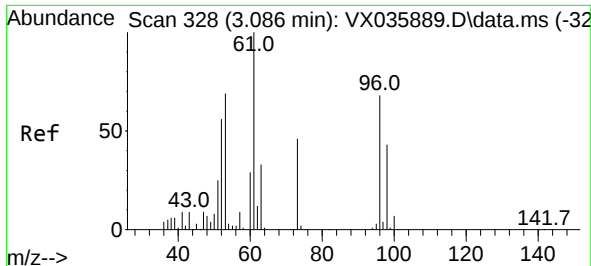
Tgt Ion: 43 Resp: 1017
Ion Ratio Lower Upper
43 100
74 11.8 17.7 26.5#



#20
Methylene Chloride
Concen: 0.676 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX035892.D
Acq: 26 May 2023 18:37

Tgt Ion: 84 Resp: 1348
Ion Ratio Lower Upper
84 100
49 124.7 104.6 156.8
51 36.5 32.2 48.4
86 45.4 52.4 78.6#

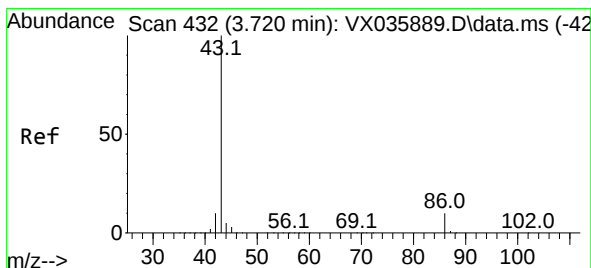
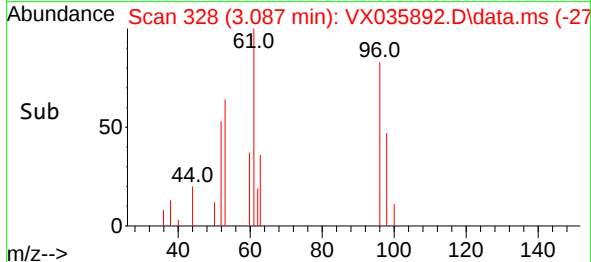
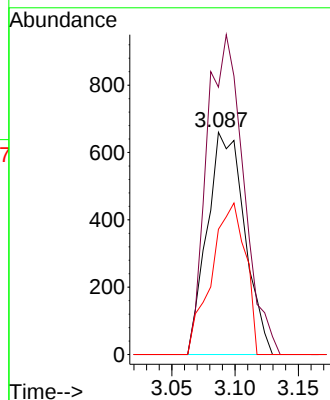
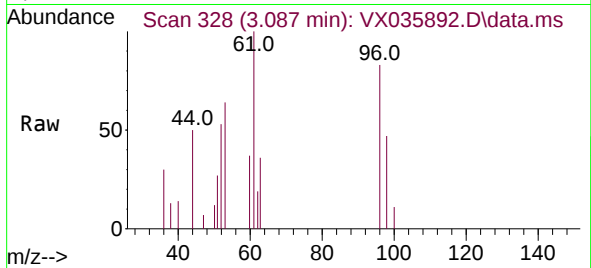




#21
trans-1,2-Dichloroethene
Concen: 1.621 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX035892.D
Acq: 26 May 2023 18:37

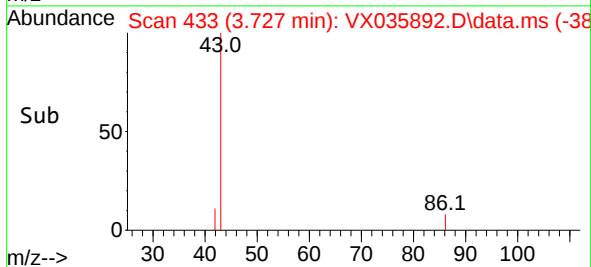
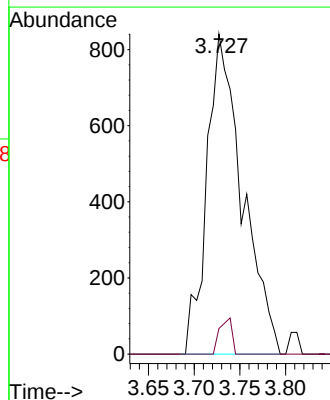
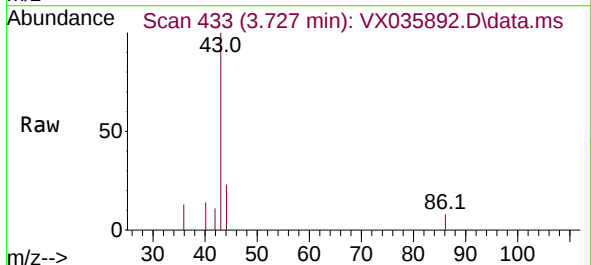
Instrument :
MSVOA_X
ClientSampleId :
IBLK

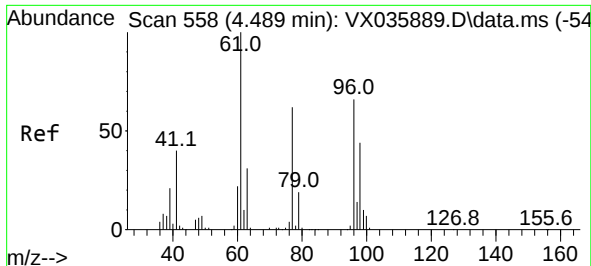
Tgt Ion: 96 Resp: 1356
Ion Ratio Lower Upper
96 100
61 120.3 118.2 177.4
98 56.4 50.6 75.8



#23
Vinyl Acetate
Concen: 1.086 ug/l
RT: 3.727 min Scan# 433
Delta R.T. 0.006 min
Lab File: VX035892.D
Acq: 26 May 2023 18:37

Tgt Ion: 43 Resp: 2278
Ion Ratio Lower Upper
43 100
86 8.0 7.8 11.6





#27

cis-1,2-Dichloroethene

Concen: 0.616 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX035892.D

Acq: 26 May 2023 18:37

Instrument :

MSVOA_X

ClientSampleId :

IBLK

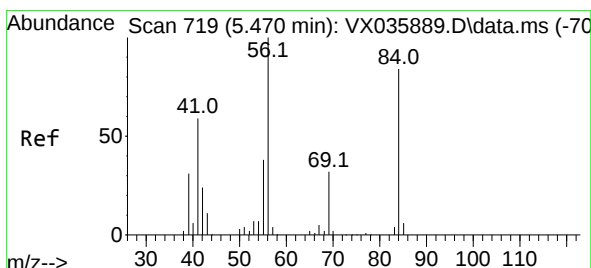
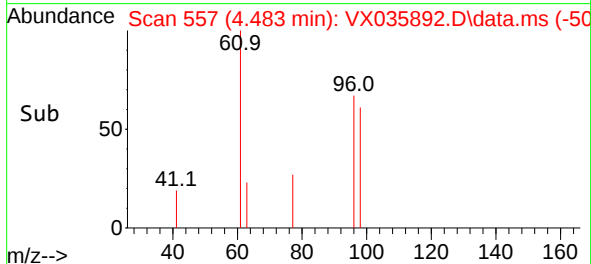
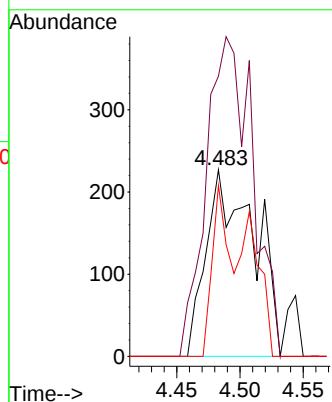
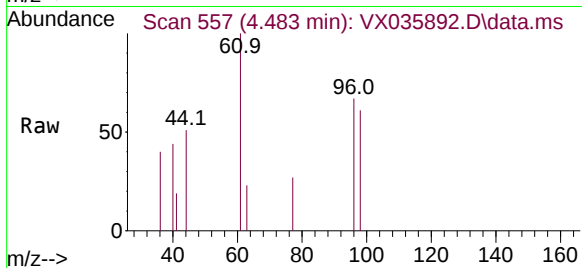
Tgt Ion: 96 Resp: 599

Ion Ratio Lower Upper

96 100

61 165.6 0.0 312.6

98 33.2 0.0 130.0



#31

Cyclohexane

Concen: 0.522 ug/l

RT: 5.471 min Scan# 719

Delta R.T. 0.000 min

Lab File: VX035892.D

Acq: 26 May 2023 18:37

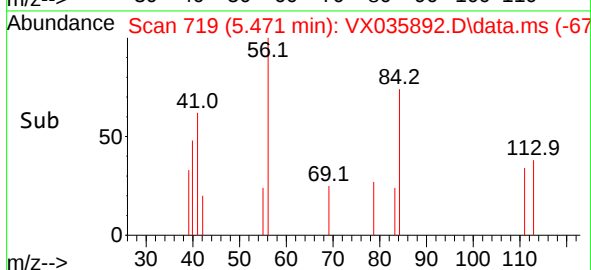
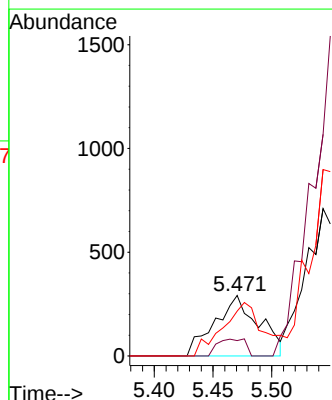
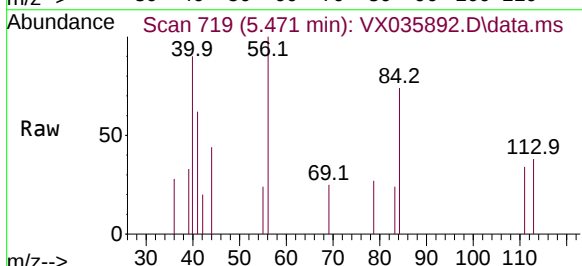
Tgt Ion: 56 Resp: 761

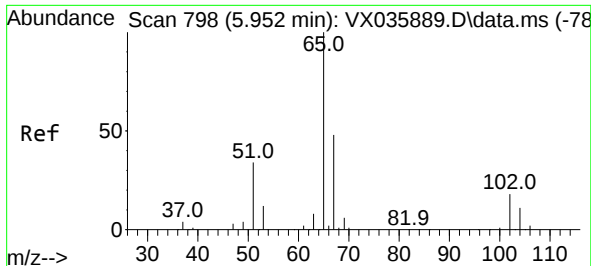
Ion Ratio Lower Upper

56 100

69 25.3 25.9 38.9#

84 74.0 67.6 101.4





#33

1,2-Dichloroethane-d4

Concen: 32.073 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX035892.D

Acq: 26 May 2023 18:37

Instrument :

MSVOA_X

ClientSampleId :

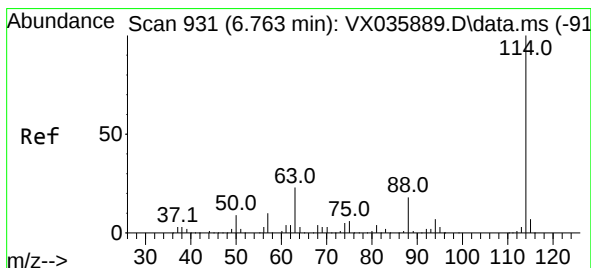
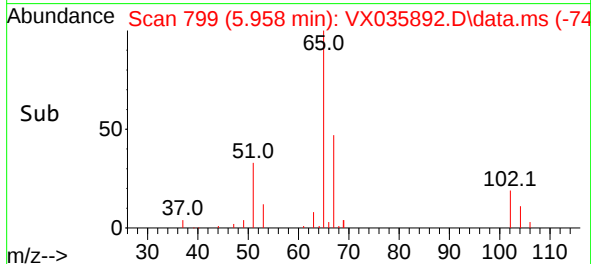
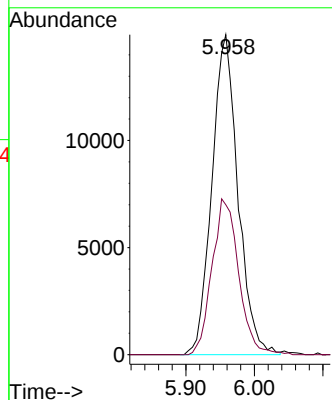
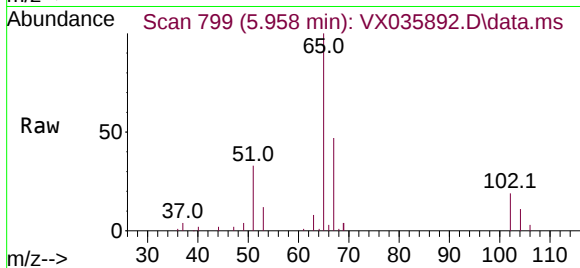
IBLK

Tgt Ion: 65 Resp: 39386

Ion Ratio Lower Upper

65 100

67 49.8 0.0 99.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX035892.D

Acq: 26 May 2023 18:37

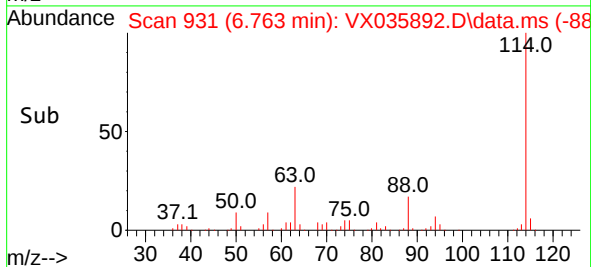
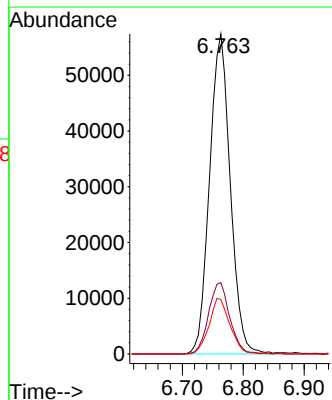
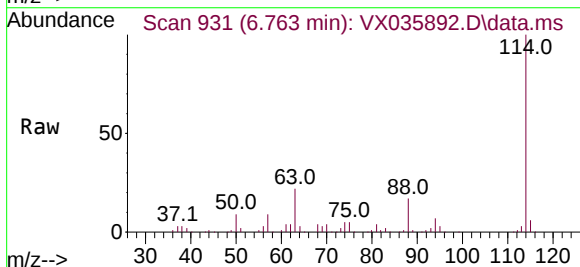
Tgt Ion: 114 Resp: 135645

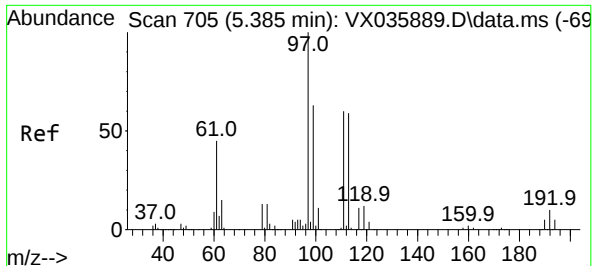
Ion Ratio Lower Upper

114 100

63 22.3 0.0 46.0

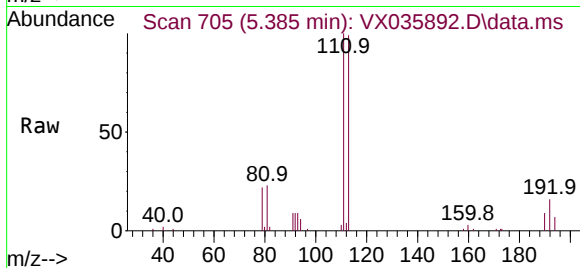
88 17.0 0.0 35.2



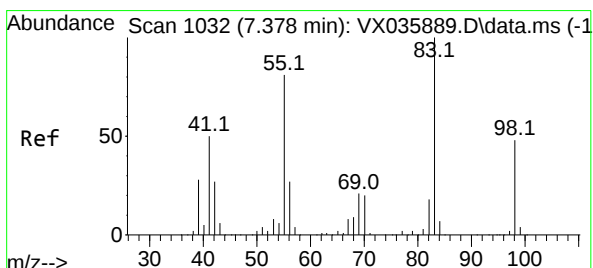
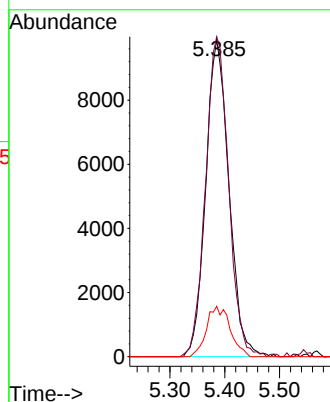
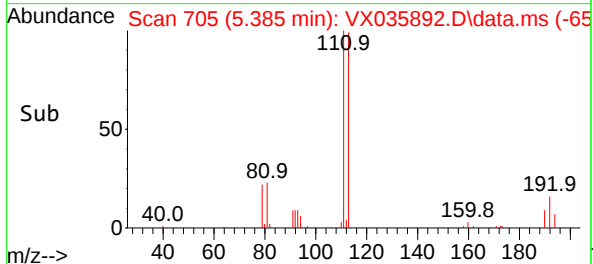


#35
Dibromofluoromethane
Concen: 31.092 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035892.D
Acq: 26 May 2023 18:37

Instrument :
MSVOA_X
ClientSampleId :
IBLK

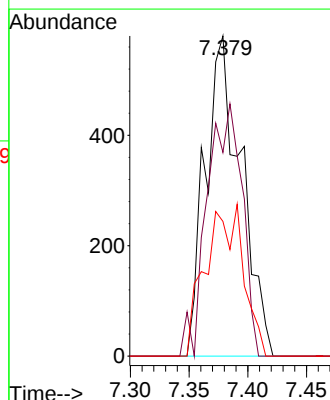
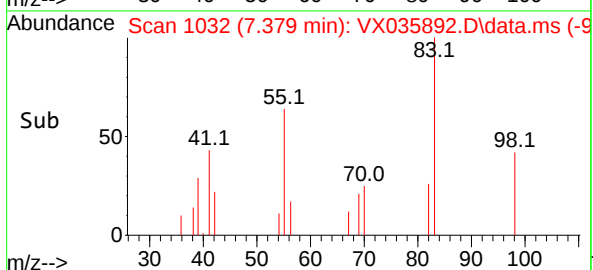
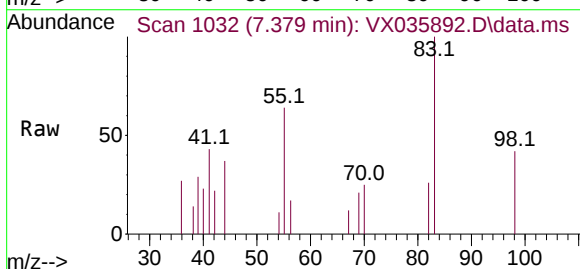


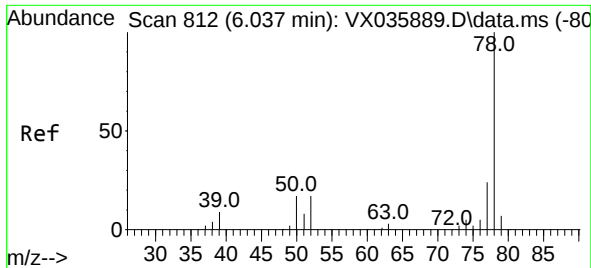
Tgt Ion:113 Resp: 28970
Ion Ratio Lower Upper
113 100
111 100.6 81.7 122.5
192 16.2 13.5 20.3



#39
Methylcyclohexane
Concen: 0.759 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX035892.D
Acq: 26 May 2023 18:37

Tgt Ion: 83 Resp: 1225
Ion Ratio Lower Upper
83 100
55 63.6 64.9 97.3#
98 42.1 38.1 57.1





#40

Benzene

Concen: 0.281 ug/l

RT: 6.044 min Scan# 812

Delta R.T. 0.006 min

Lab File: VX035892.D

Acq: 26 May 2023 18:37

Instrument :

MSVOA_X

ClientSampleId :

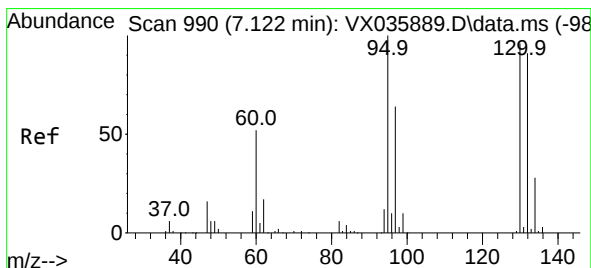
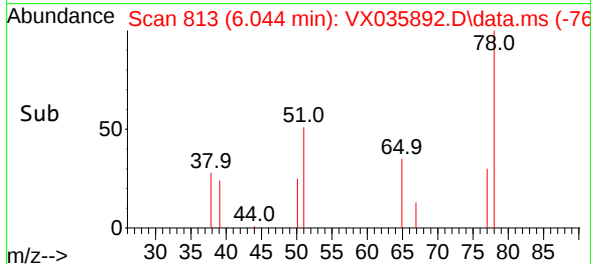
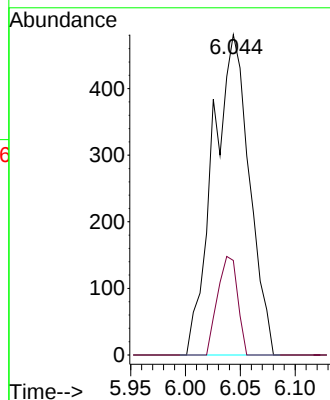
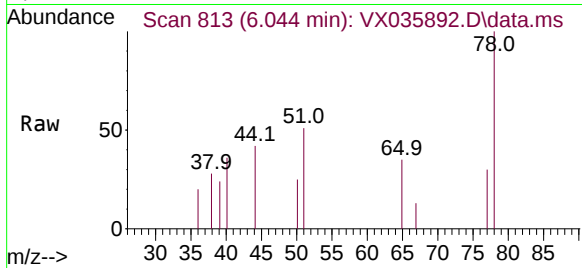
IBLK

Tgt Ion: 78 Resp: 1114

Ion Ratio Lower Upper

78 100

77 29.5 19.0 28.6#



#44

Trichloroethene

Concen: 0.990 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.013 min

Lab File: VX035892.D

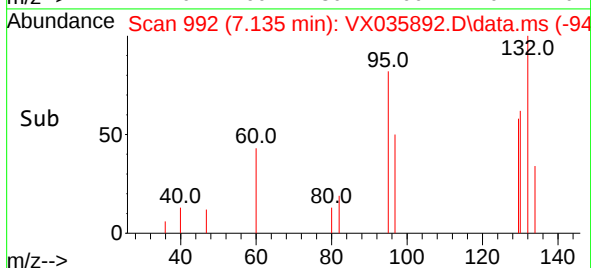
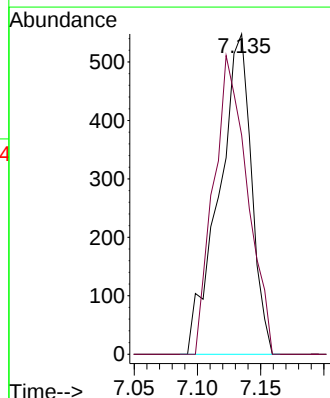
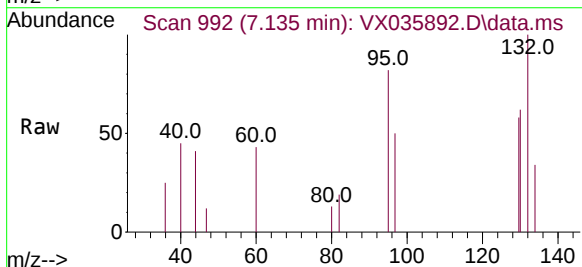
Acq: 26 May 2023 18:37

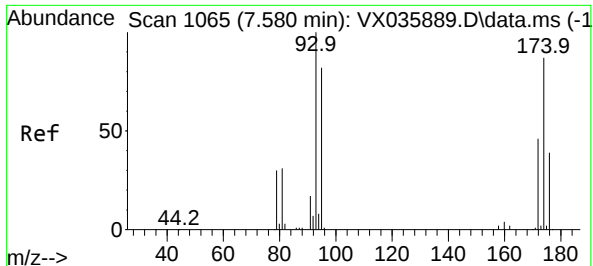
Tgt Ion:130 Resp: 977

Ion Ratio Lower Upper

130 100

95 68.4 0.0 207.6



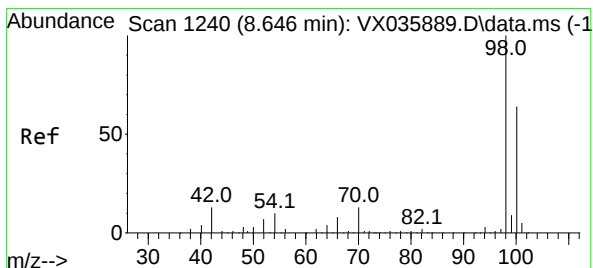
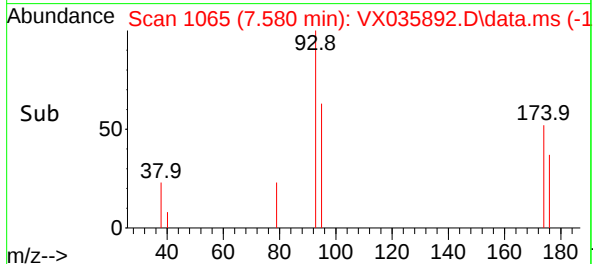
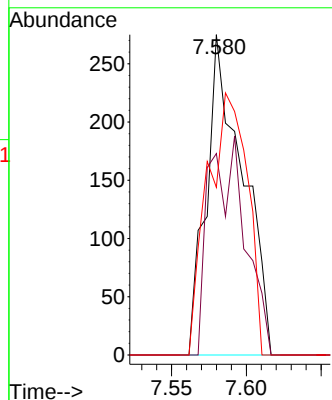
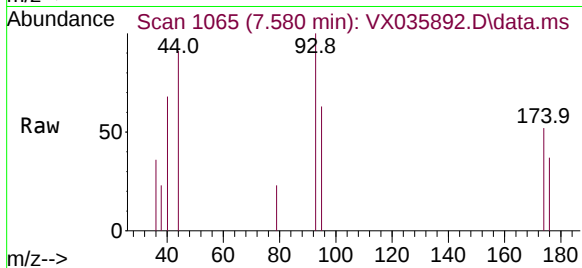


#46
Dibromomethane
Concen: 0.644 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX035892.D
Acq: 26 May 2023 18:37

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 93 Resp: 462

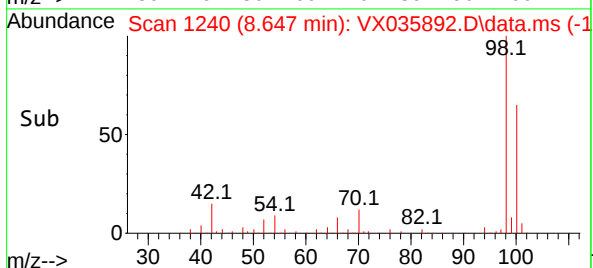
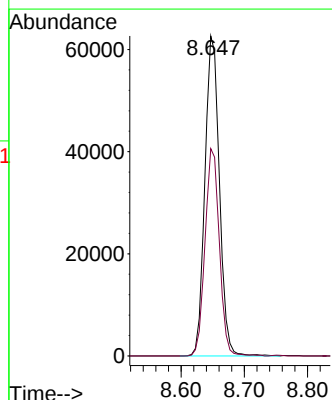
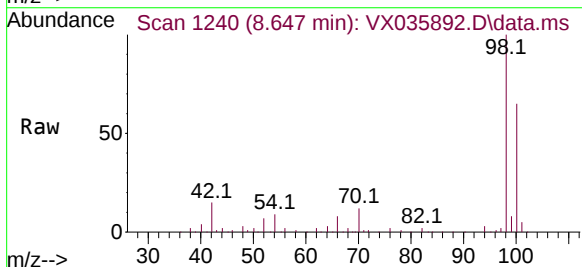
Ion	Ratio	Lower	Upper
93	100		
95	68.6	66.2	99.2
174	89.8	69.5	104.3

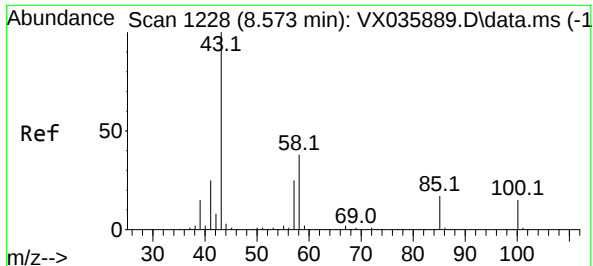


#50
Toluene-d8
Concen: 29.270 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX035892.D
Acq: 26 May 2023 18:37

Tgt Ion: 98 Resp: 100088

Ion	Ratio	Lower	Upper
98	100		
100	64.0	53.4	80.0

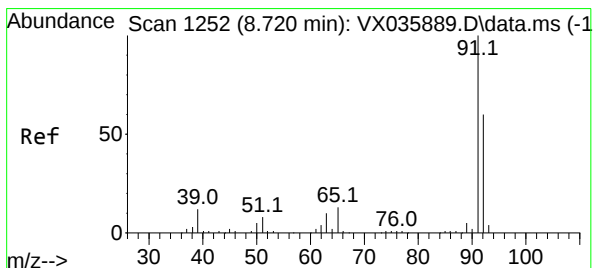
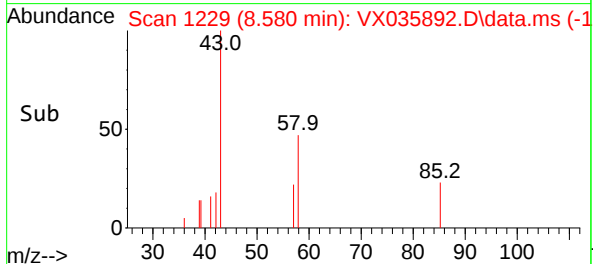
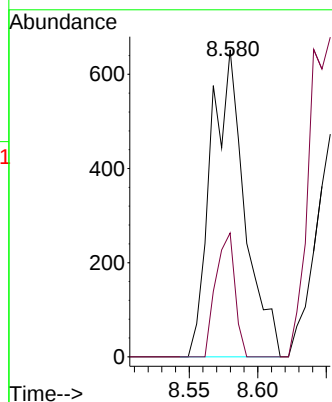
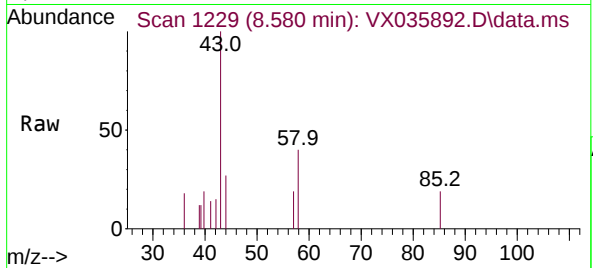




#51
4-Methyl-2-Pentanone
Concen: 0.732 ug/l
RT: 8.580 min Scan# 1118
Delta R.T. 0.007 min
Lab File: VX035892.D
Acq: 26 May 2023 18:37

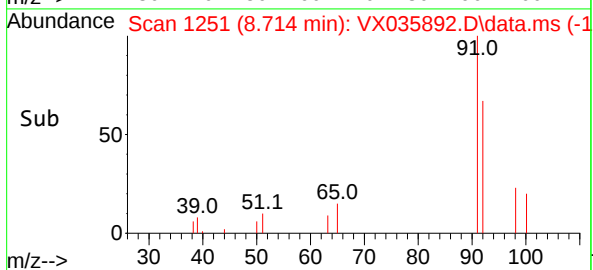
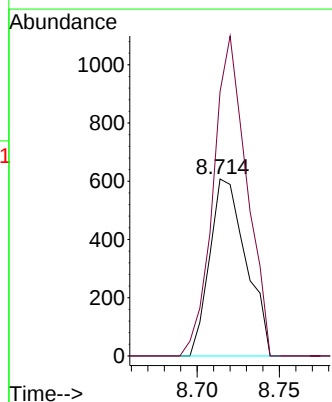
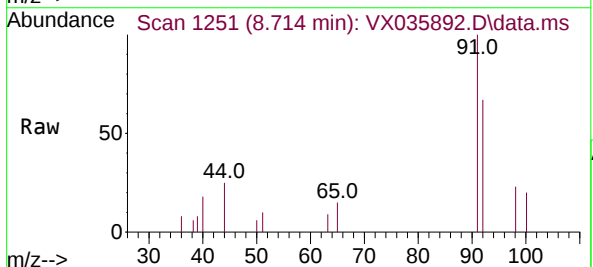
Instrument :
MSVOA_X
ClientSampleId :
IBLK

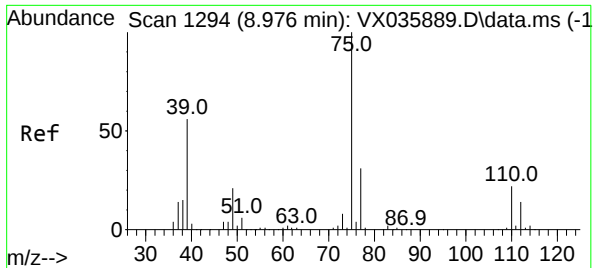
Tgt Ion: 43 Resp: 1118
Ion Ratio Lower Upper
43 100
58 22.9 30.1 45.1#



#52
Toluene
Concen: 0.375 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX035892.D
Acq: 26 May 2023 18:37

Tgt Ion: 92 Resp: 934
Ion Ratio Lower Upper
92 100
91 166.5 133.5 200.3





#53

t-1,3-Dichloropropene

Concen: 1.378 ug/l

RT: 8.982 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VX035892.D

Acq: 26 May 2023 18:37

Instrument :

MSVOA_X

ClientSampleId :

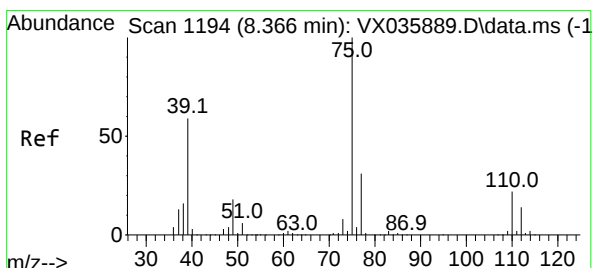
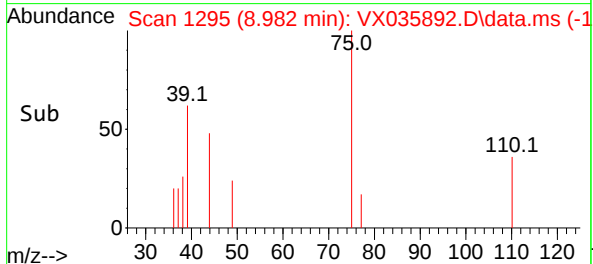
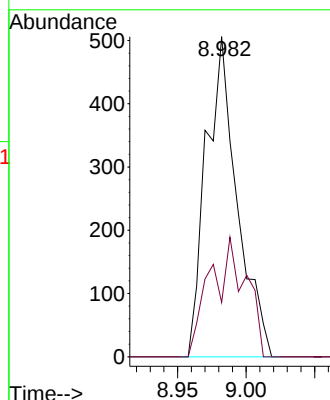
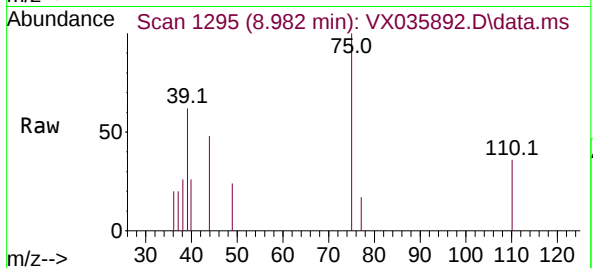
IBLK

Tgt Ion: 75 Resp: 798

Ion Ratio Lower Upper

75 100

77 17.0 25.0 37.6#



#54

cis-1,3-Dichloropropene

Concen: 0.402 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX035892.D

Acq: 26 May 2023 18:37

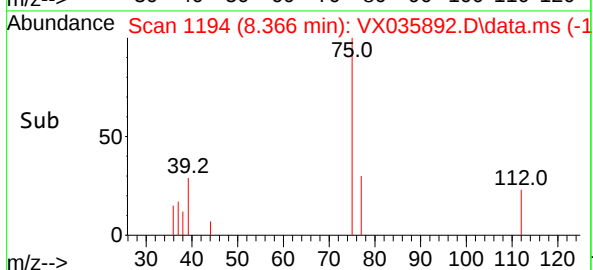
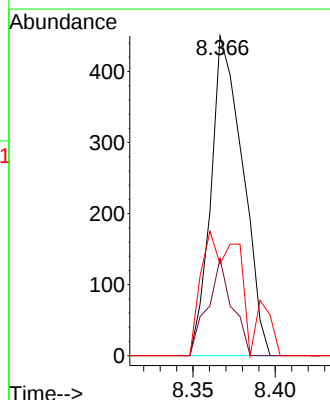
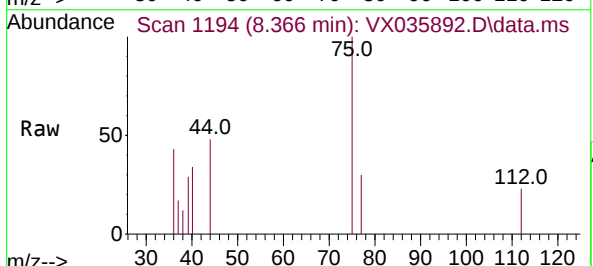
Tgt Ion: 75 Resp: 606

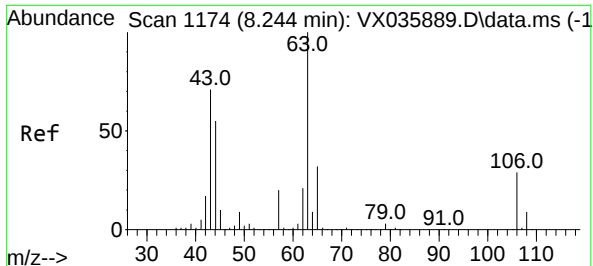
Ion Ratio Lower Upper

75 100

77 30.4 24.7 37.1

39 28.7 47.0 70.6#





#58

2-Chloroethyl Vinyl ether

Concen: 0.951 ug/l

RT: 8.251 min Scan# 1175

Delta R.T. 0.006 min

Lab File: VX035892.D

Acq: 26 May 2023 18:37

Instrument :

MSVOA_X

ClientSampleId :

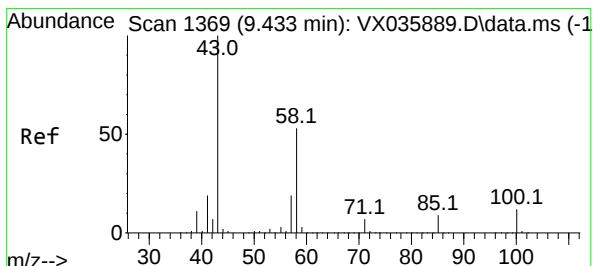
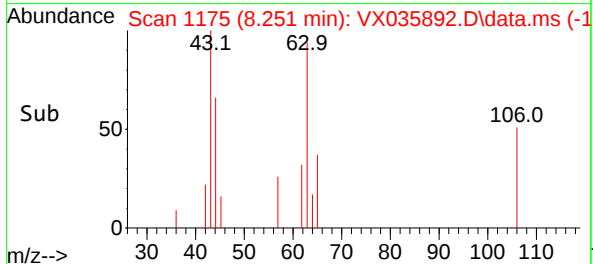
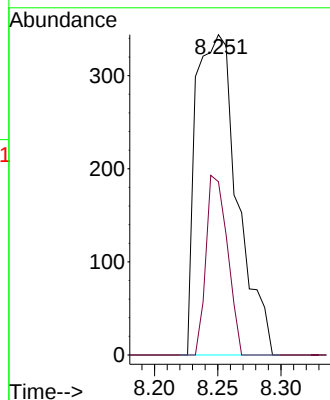
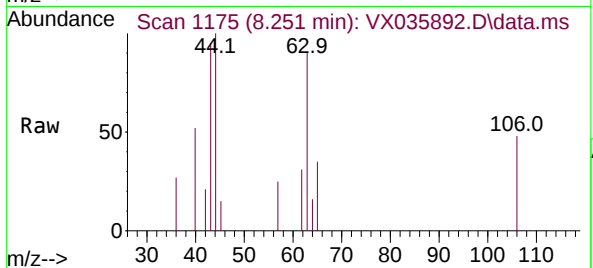
IBLK

Tgt Ion: 63 Resp: 782

Ion Ratio Lower Upper

63 100

106 29.0 22.3 33.5



#59

2-Hexanone

Concen: 1.139 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX035892.D

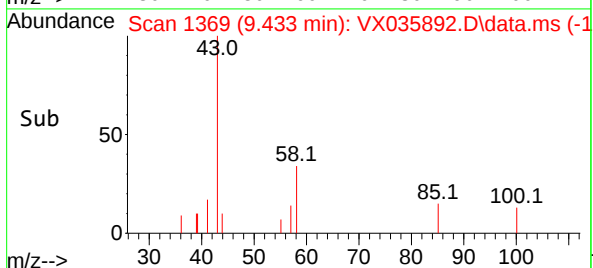
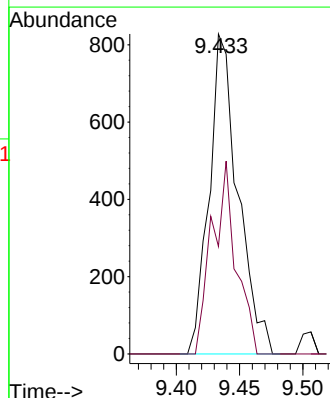
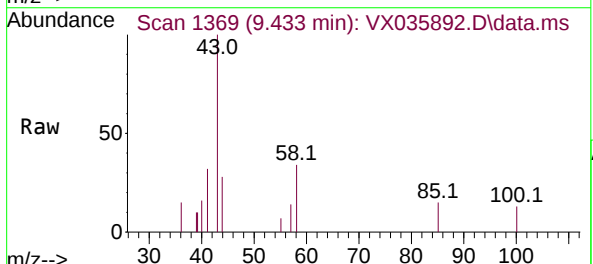
Acq: 26 May 2023 18:37

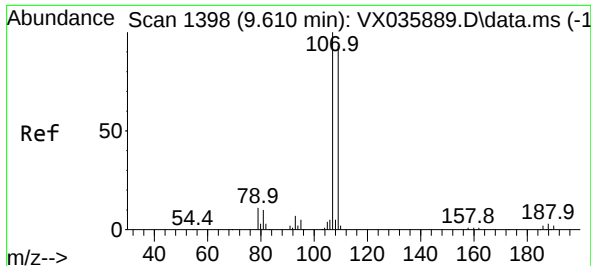
Tgt Ion: 43 Resp: 1315

Ion Ratio Lower Upper

43 100

58 50.0 26.3 78.8

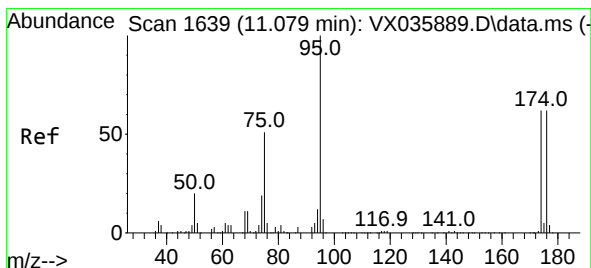
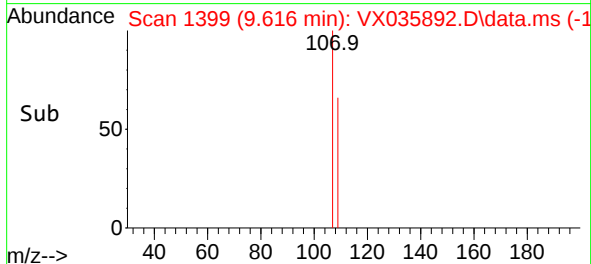
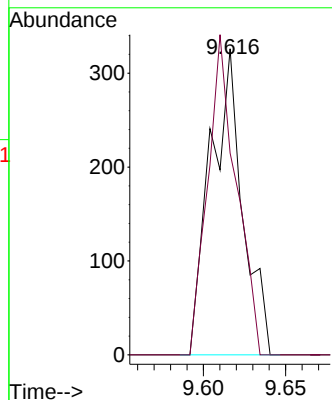
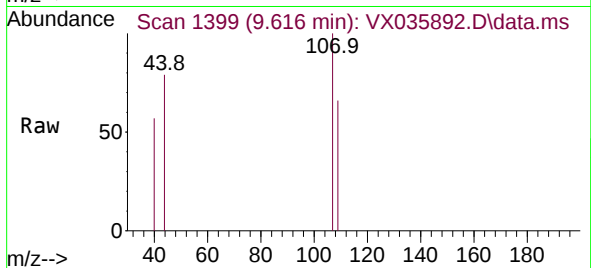




#61
1,2-Dibromoethane
Concen: 0.428 ug/l
RT: 9.616 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX035892.D
Acq: 26 May 2023 18:37

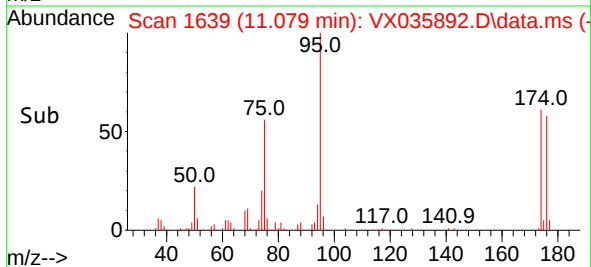
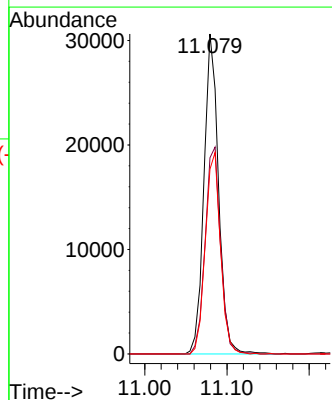
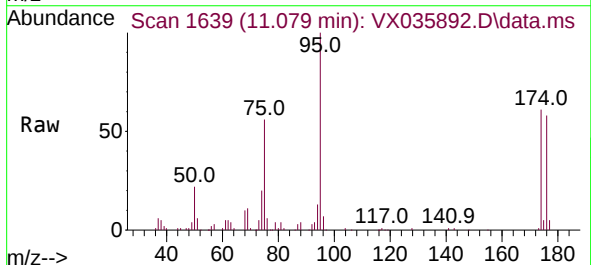
Instrument :
MSVOA_X
ClientSampleId :
IBLK

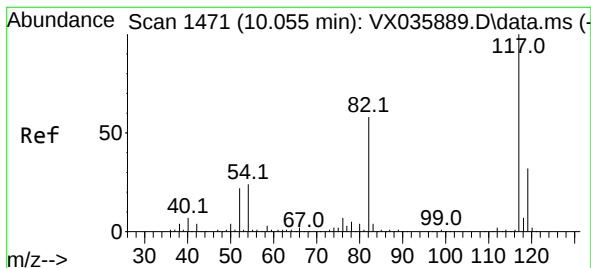
Tgt Ion:107 Resp: 445
Ion Ratio Lower Upper
107 100
109 92.1 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 28.004 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035892.D
Acq: 26 May 2023 18:37

Tgt Ion: 95 Resp: 37729
Ion Ratio Lower Upper
95 100
174 68.3 0.0 132.6
176 65.4 0.0 128.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX035892.D

Acq: 26 May 2023 18:37

Instrument :

MSVOA_X

ClientSampleId :

IBLK

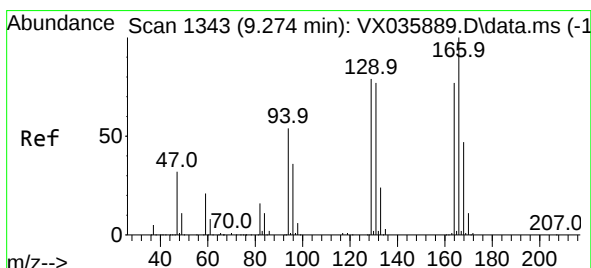
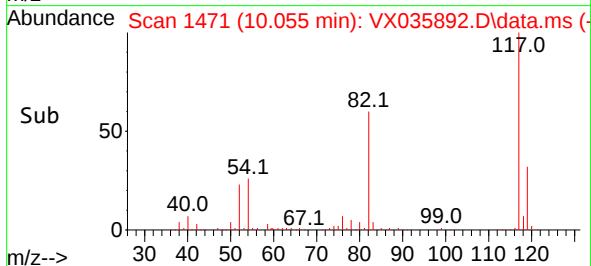
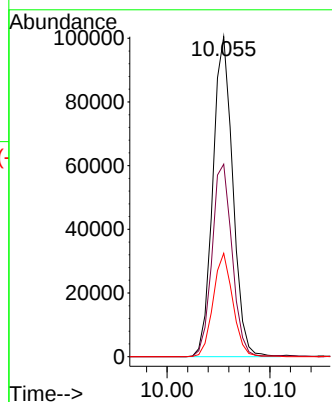
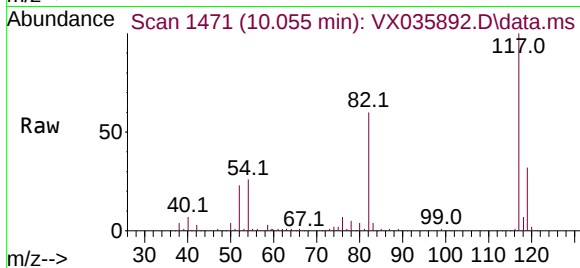
Tgt Ion:117 Resp: 135338

Ion Ratio Lower Upper

117 100

82 60.2 46.6 69.8

119 32.3 25.4 38.2



#64

Tetrachloroethene

Concen: 0.833 ug/l

RT: 9.269 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VX035892.D

Acq: 26 May 2023 18:37

Tgt Ion:164 Resp: 763

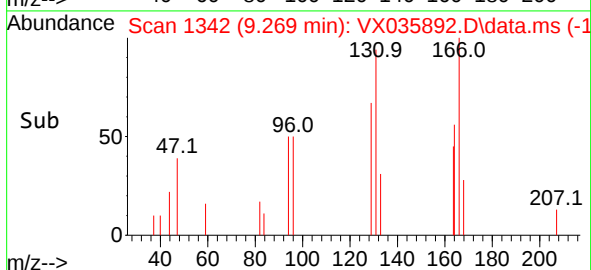
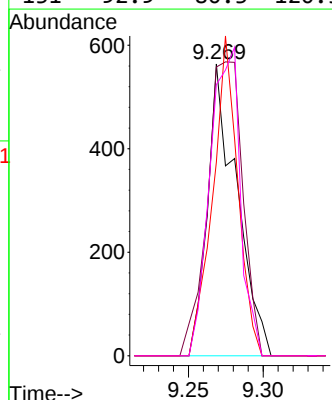
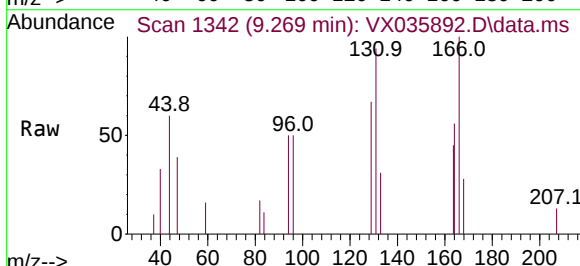
Ion Ratio Lower Upper

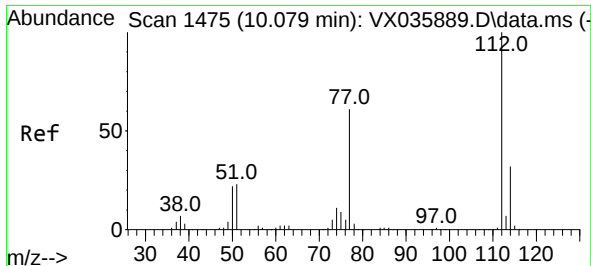
164 100

166 98.9 104.4 156.6#

129 66.3 82.0 123.0#

131 92.9 80.3 120.5





#65

Chlorobenzene

Concen: 0.586 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX035892.D

Acq: 26 May 2023 18:37

Instrument :

MSVOA_X

ClientSampleId :

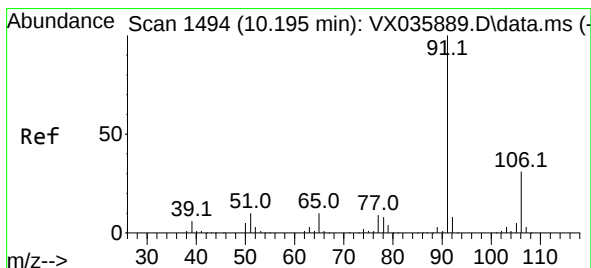
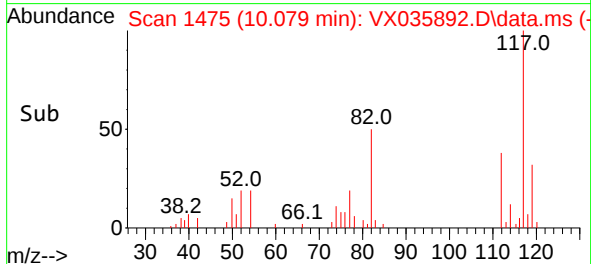
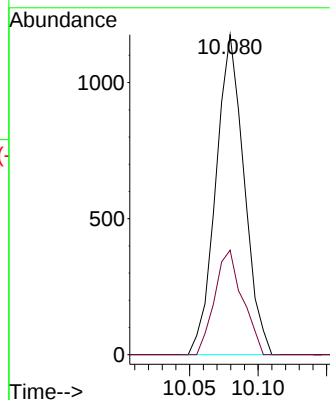
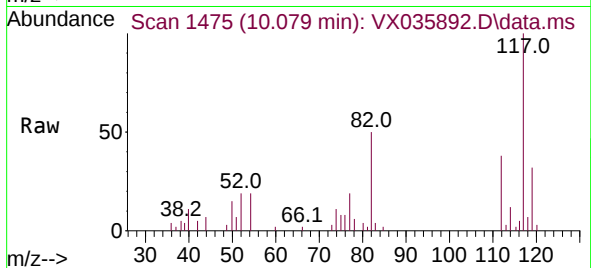
IBLK

Tgt Ion:112 Resp: 1687

Ion Ratio Lower Upper

112 100

114 32.7 25.8 38.8



#67

Ethyl Benzene

Concen: 0.395 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX035892.D

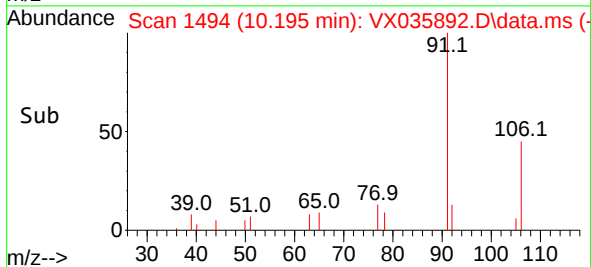
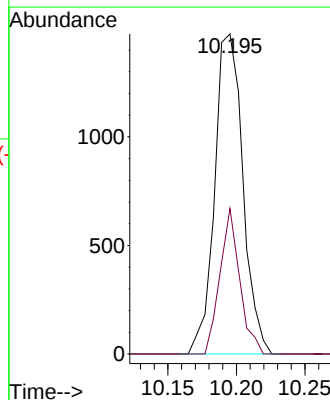
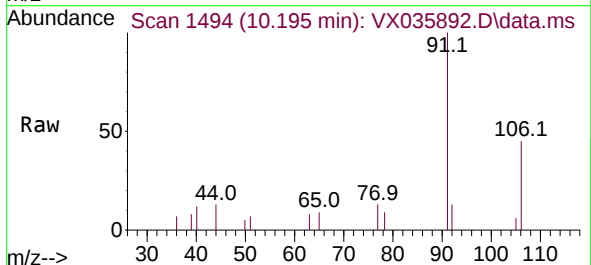
Acq: 26 May 2023 18:37

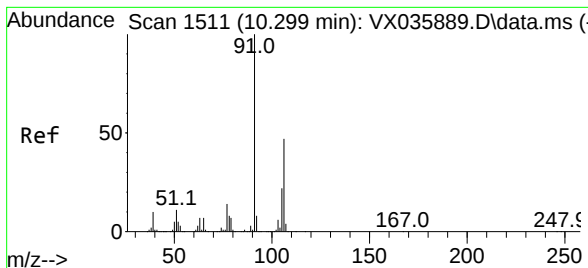
Tgt Ion: 91 Resp: 2110

Ion Ratio Lower Upper

91 100

106 45.5 24.6 37.0#

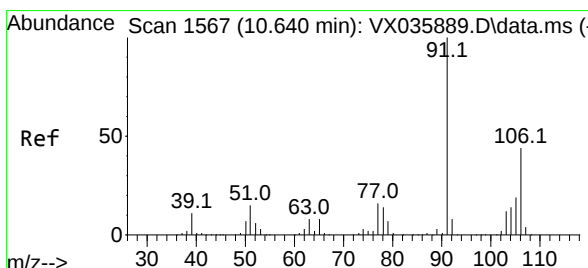
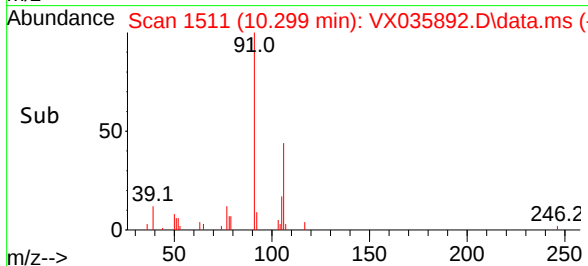
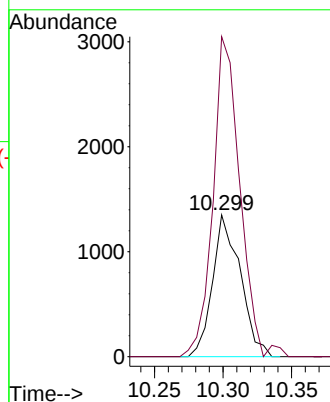
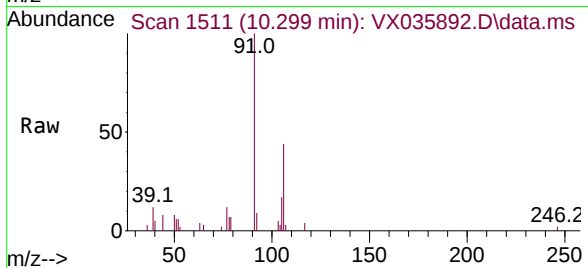




#68
m/p-Xylenes
Concen: 0.962 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX035892.D
Acq: 26 May 2023 18:37

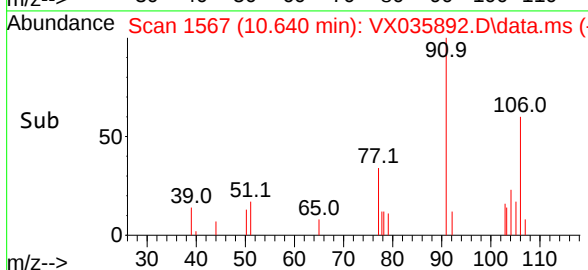
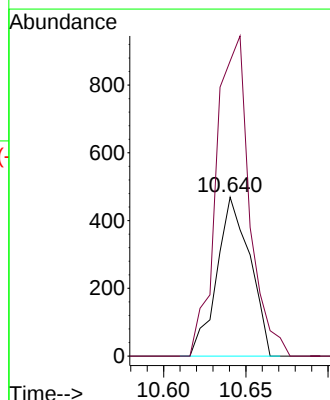
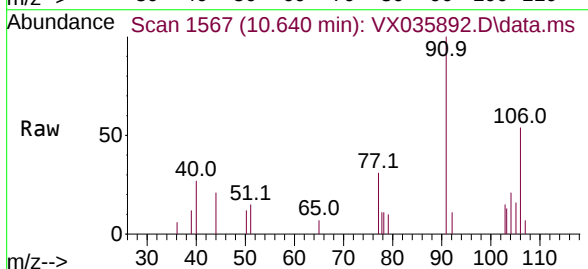
Instrument :
MSVOA_X
ClientSampleId :
IBLK

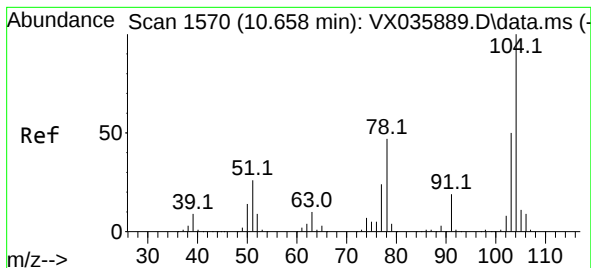
Tgt Ion:106 Resp: 1903
Ion Ratio Lower Upper
106 100
91 218.9 169.8 254.8



#69
o-Xylene
Concen: 0.334 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035892.D
Acq: 26 May 2023 18:37

Tgt Ion:106 Resp: 657
Ion Ratio Lower Upper
106 100
91 202.0 112.5 337.4





#70

Styrene

Concen: 0.432 ug/l

RT: 10.659 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX035892.D

Acq: 26 May 2023 18:37

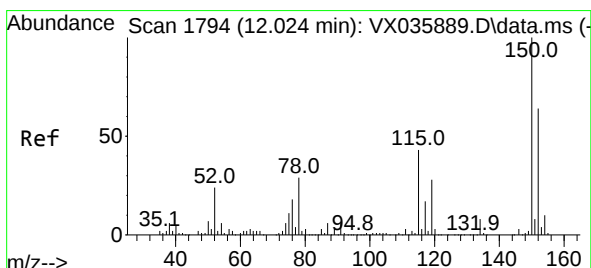
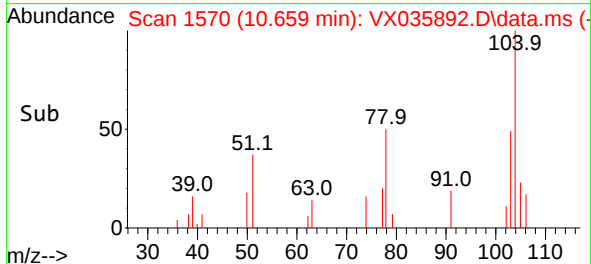
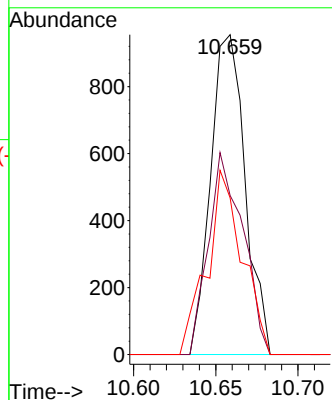
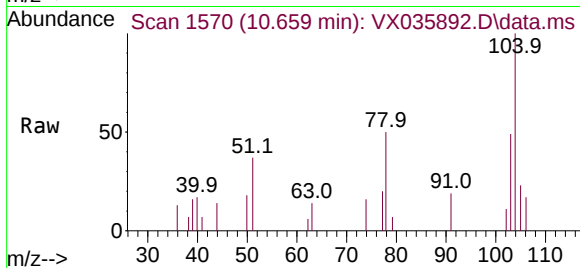
Instrument :

MSVOA_X

ClientSampleId :

IBLK

Tgt Ion:	104	Resp:	1395
Ion	Ratio	Lower	Upper
104	100		
78	63.2	44.7	67.1
103	59.0	44.0	66.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

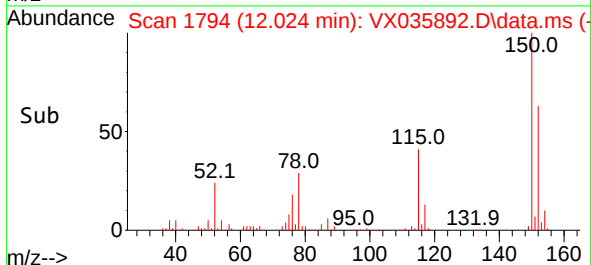
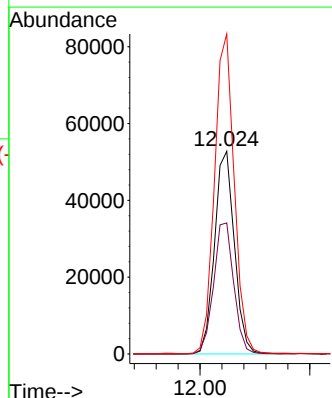
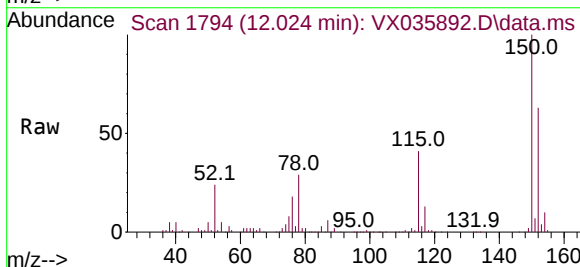
RT: 12.024 min Scan# 1794

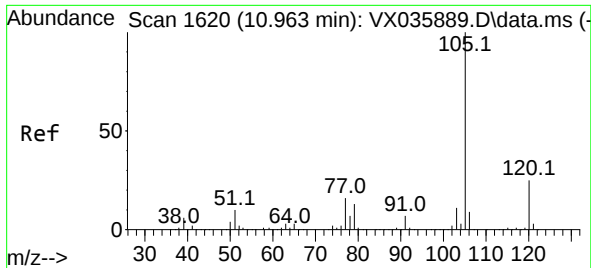
Delta R.T. 0.000 min

Lab File: VX035892.D

Acq: 26 May 2023 18:37

Tgt Ion:	152	Resp:	66496
Ion	Ratio	Lower	Upper
152	100		
115	65.7	45.5	136.5
150	157.7	0.0	345.2

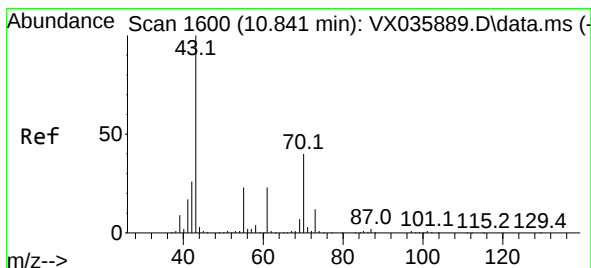
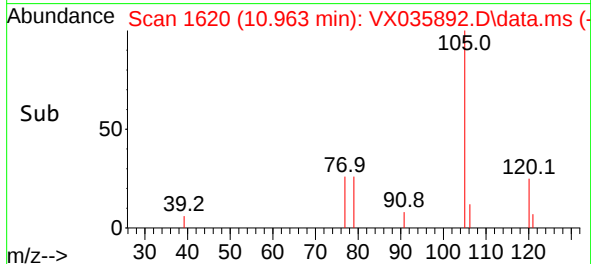
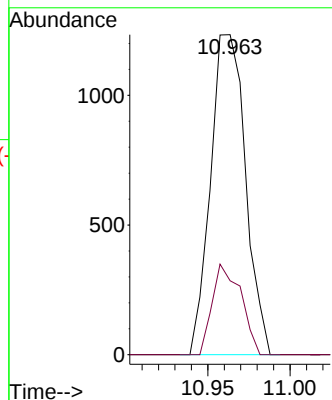
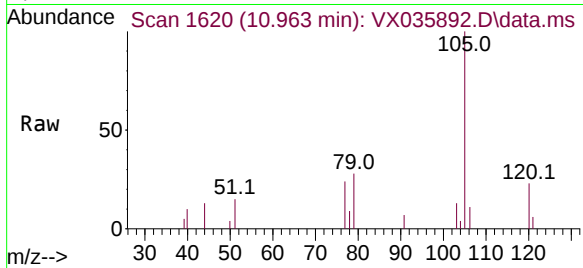




#73
Isopropylbenzene
Concen: 0.338 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX035892.D
Acq: 26 May 2023 18:37

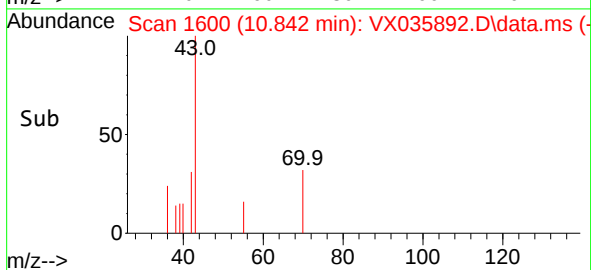
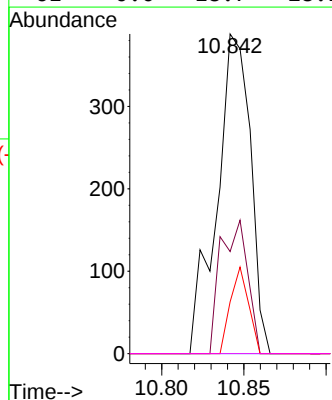
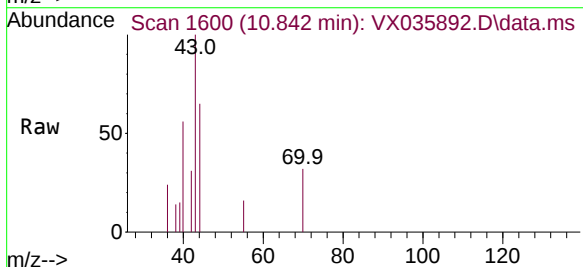
Instrument :
MSVOA_X
ClientSampleId :
IBLK

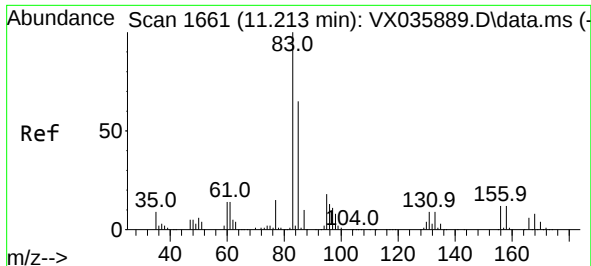
Tgt Ion:105 Resp: 1824
Ion Ratio Lower Upper
105 100
120 23.1 12.7 38.0



#74
N-ethyl acetate
Concen: 0.236 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX035892.D
Acq: 26 May 2023 18:37

Tgt Ion: 43 Resp: 553
Ion Ratio Lower Upper
43 100
70 33.5 32.6 48.8
55 14.6 19.0 28.4#
61 0.0 18.7 28.1#

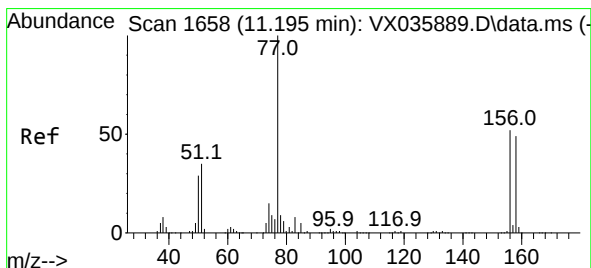
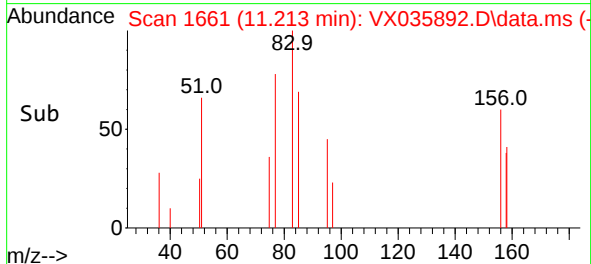
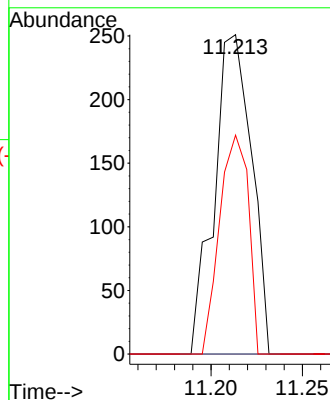
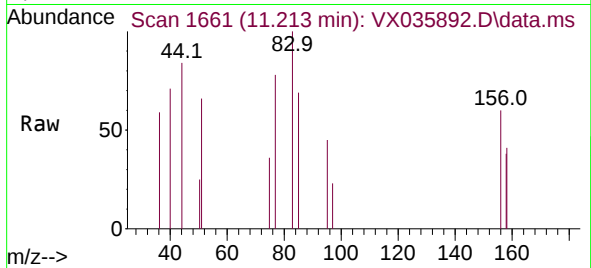




#75
1,1,2-Tetrachloroethane
Concen: 0.204 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX035892.D
Acq: 26 May 2023 18:37

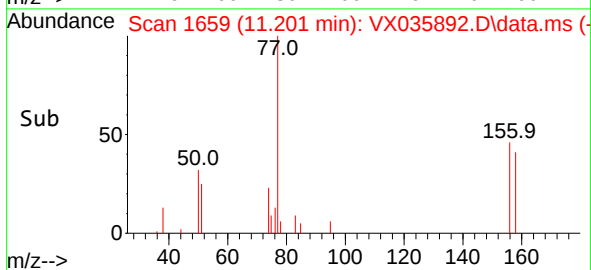
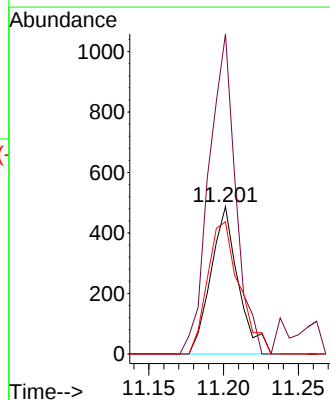
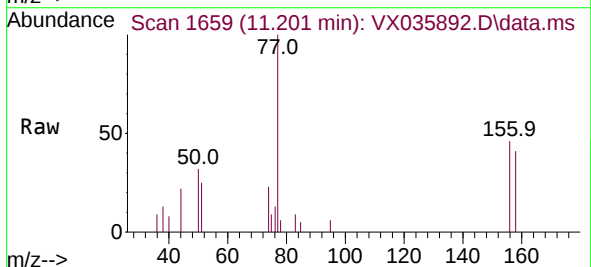
Instrument :
MSVOA_X
ClientSampleId :
IBLK

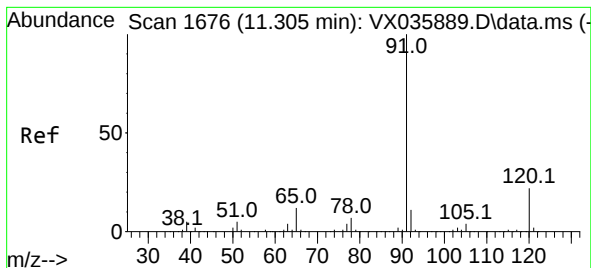
Tgt Ion: 83 Resp: 359
Ion Ratio Lower Upper
83 100
131 0.0 4.9 14.7#
85 52.6 32.4 97.0



#77
Bromobenzene
Concen: 0.509 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX035892.D
Acq: 26 May 2023 18:37

Tgt Ion: 156 Resp: 619
Ion Ratio Lower Upper
156 100
77 212.8 90.8 272.3
158 105.0 47.4 142.3





#78

n-propylbenzene

Concen: 0.615 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX035892.D

Acq: 26 May 2023 18:37

Instrument :

MSVOA_X

ClientSampleId :

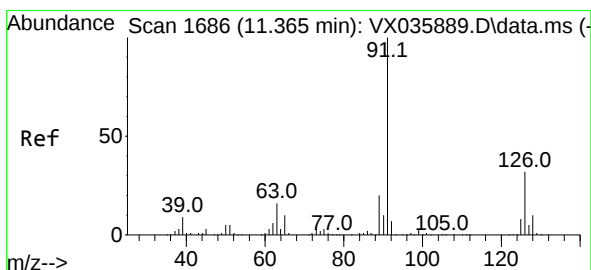
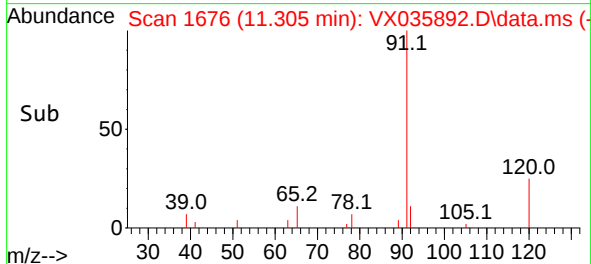
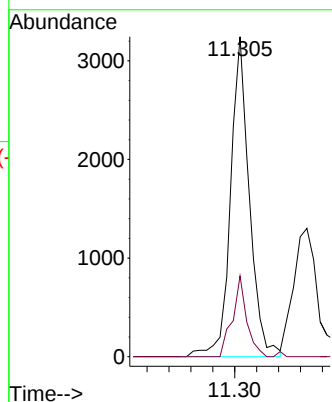
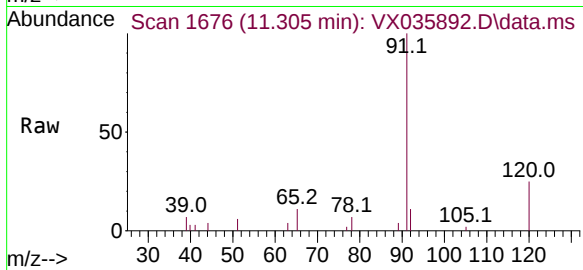
IBLK

Tgt Ion: 91 Resp: 3867

Ion Ratio Lower Upper

91 100

120 19.1 10.9 32.9



#79

2-Chlorotoluene

Concen: 0.504 ug/l

RT: 11.366 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VX035892.D

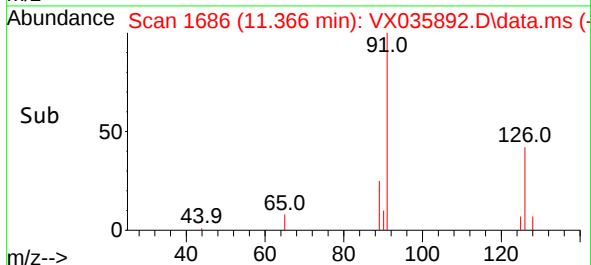
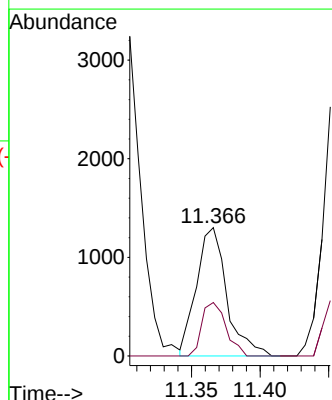
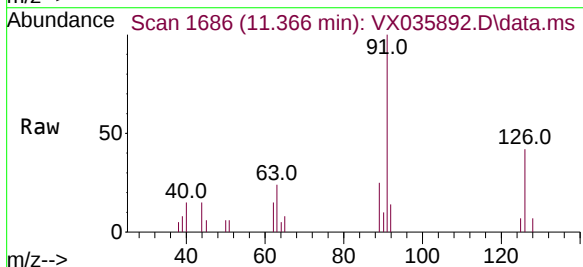
Acq: 26 May 2023 18:37

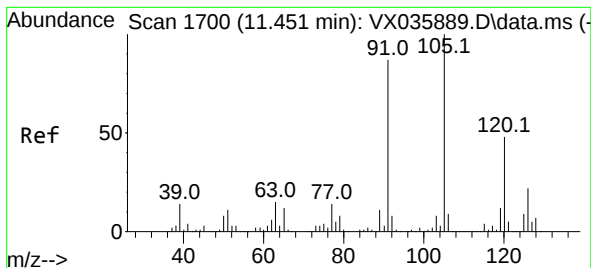
Tgt Ion: 91 Resp: 2009

Ion Ratio Lower Upper

91 100

126 33.2 15.8 47.4





#80

1,3,5-Trimethylbenzene

Concen: 0.393 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX035892.D

Acq: 26 May 2023 18:37

Instrument :

MSVOA_X

ClientSampleId :

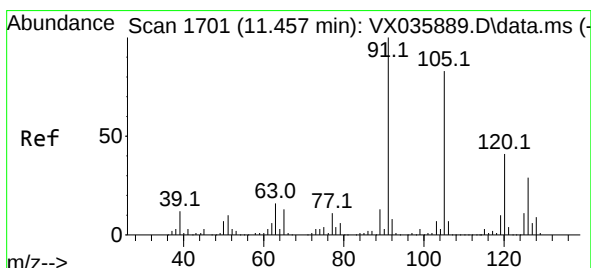
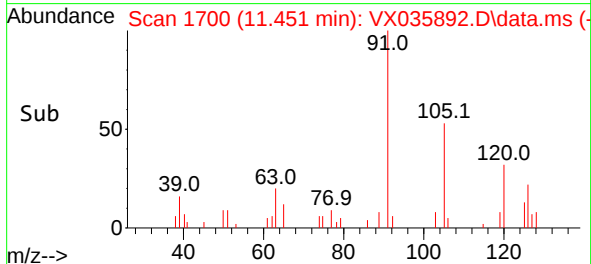
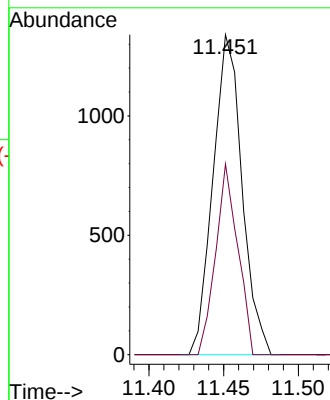
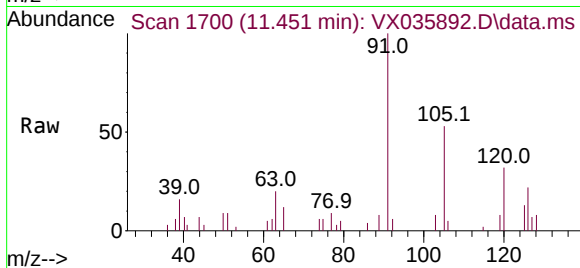
IBLK

Tgt Ion:105 Resp: 1808

Ion Ratio Lower Upper

105 100

120 45.3 23.8 71.4



#82

4-Chlorotoluene

Concen: 0.799 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.006 min

Lab File: VX035892.D

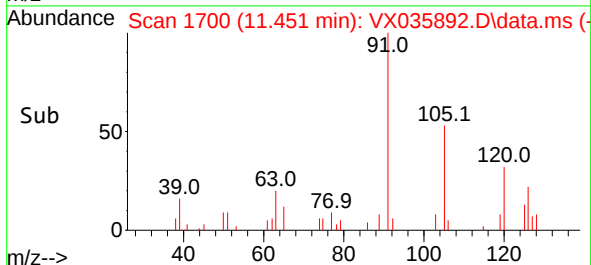
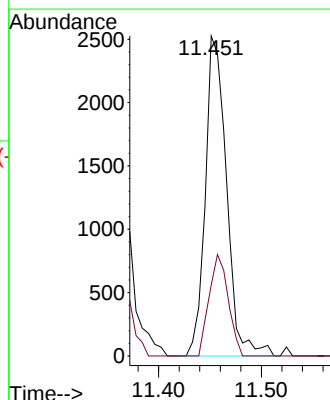
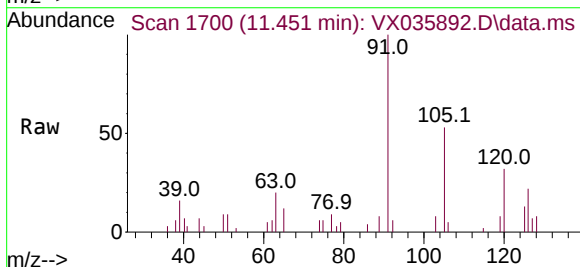
Acq: 26 May 2023 18:37

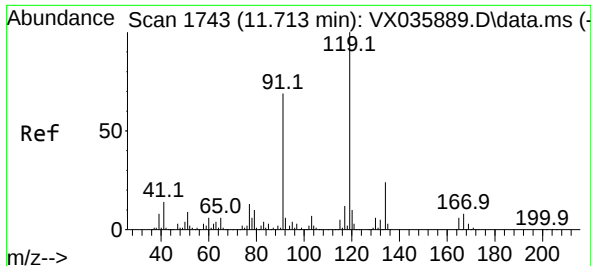
Tgt Ion: 91 Resp: 3625

Ion Ratio Lower Upper

91 100

126 28.4 13.7 41.0

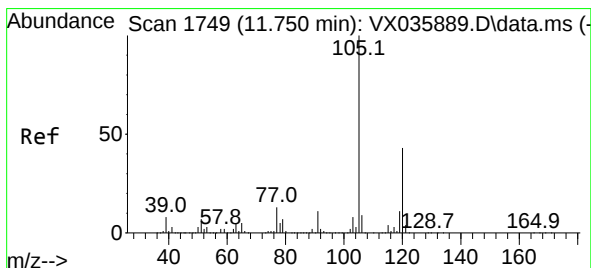
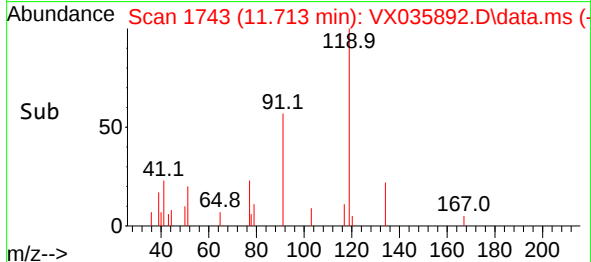
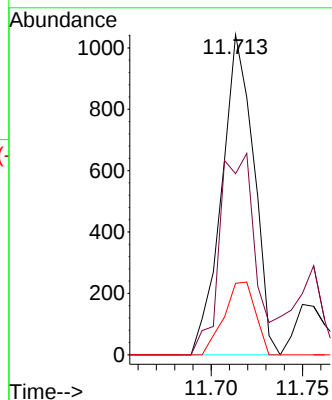
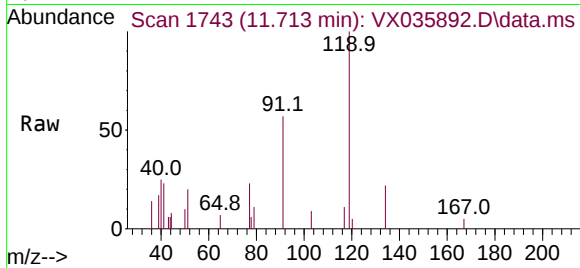




#83
tert-Butylbenzene
Concen: 0.289 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX035892.D
Acq: 26 May 2023 18:37

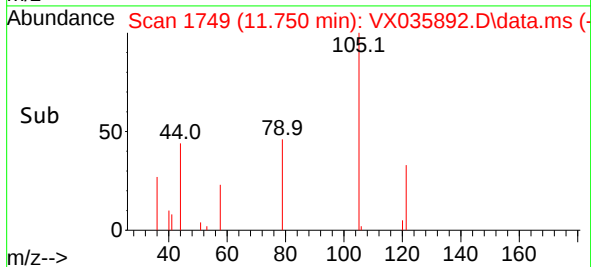
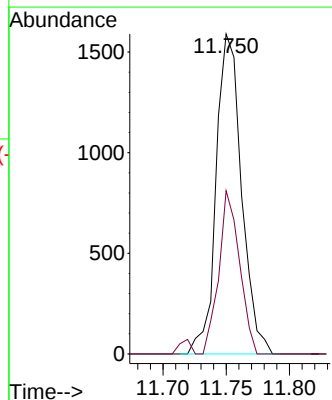
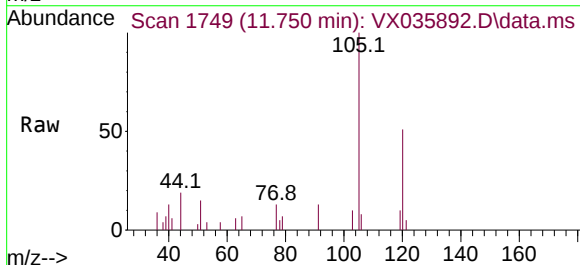
Instrument :
MSVOA_X
ClientSampleId :
IBLK

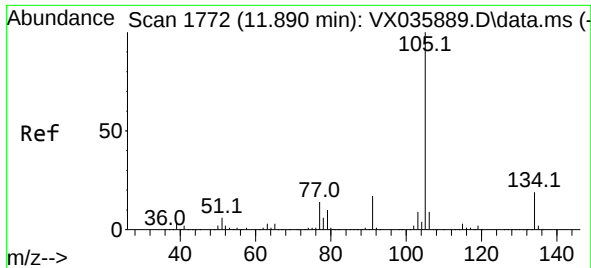
Tgt Ion:	119	Resp:	1273
Ion	Ratio	Lower	Upper
119	100		
91	71.9	32.4	97.0
134	22.2	11.6	34.8



#84
1,2,4-Trimethylbenzene
Concen: 0.481 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX035892.D
Acq: 26 May 2023 18:37

Tgt Ion:	105	Resp:	2215
Ion	Ratio	Lower	Upper
105	100		
120	41.5	21.6	64.8

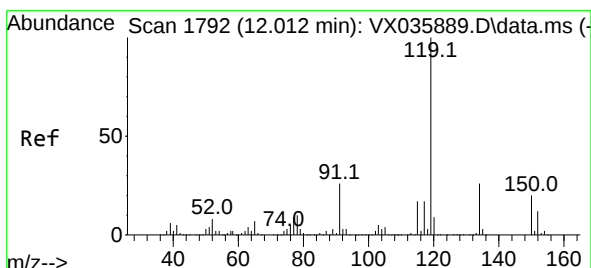
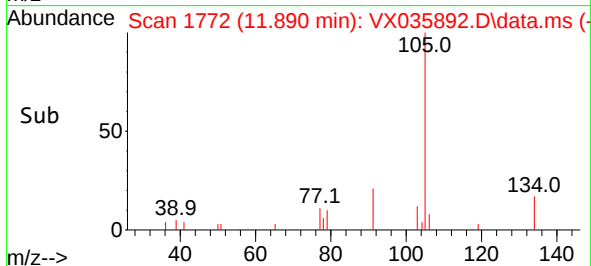
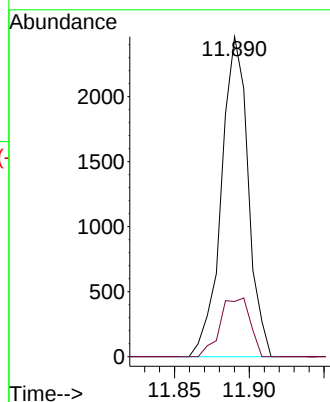
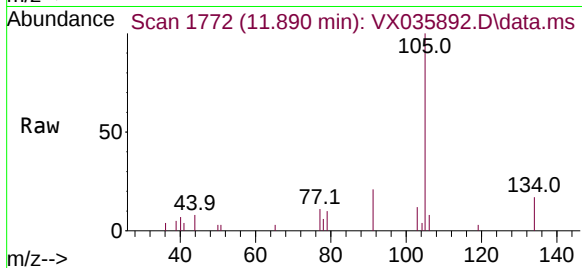




#85
 sec-Butylbenzene
 Concen: 0.556 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX035892.D
 Acq: 26 May 2023 18:37

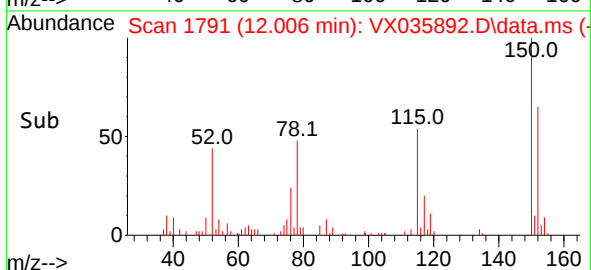
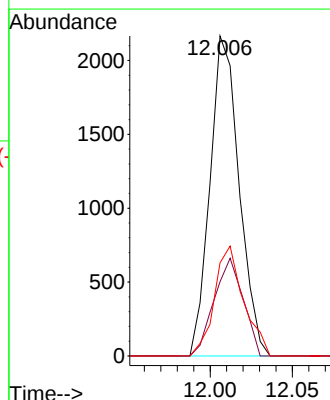
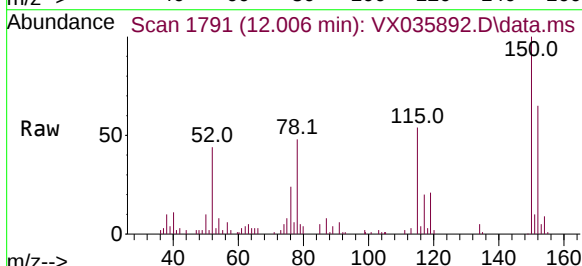
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

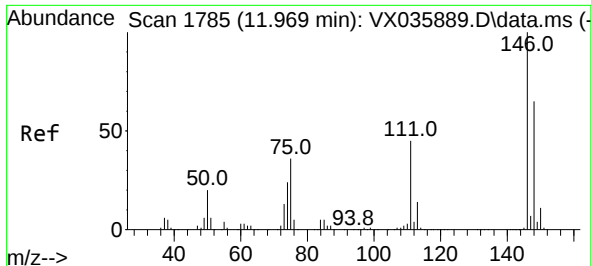
Tgt Ion:105 Resp: 3065
 Ion Ratio Lower Upper
 105 100
 134 20.5 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 0.579 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX035892.D
 Acq: 26 May 2023 18:37

Tgt Ion:119 Resp: 2667
 Ion Ratio Lower Upper
 119 100
 134 30.5 12.7 38.1
 91 34.5 13.5 40.5





#87

1,3-Dichlorobenzene

Concen: 0.951 ug/l

RT: 11.969 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX035892.D

Acq: 26 May 2023 18:37

Instrument :

MSVOA_X

ClientSampleId :

IBLK

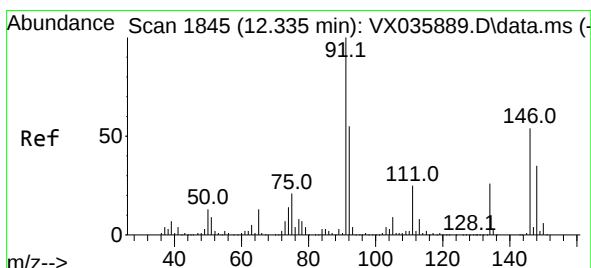
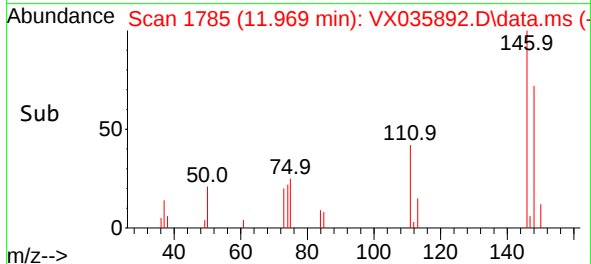
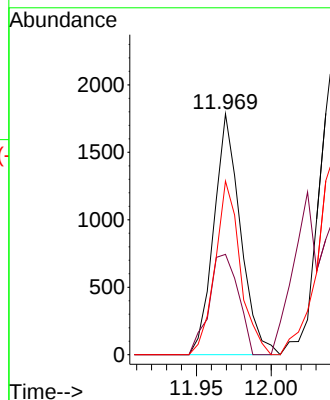
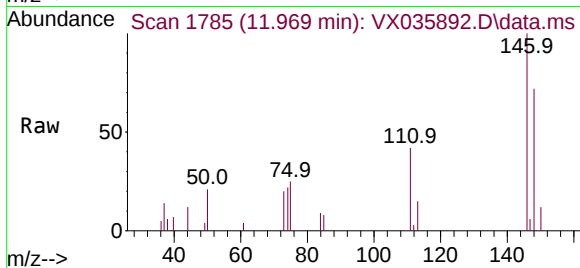
Tgt Ion:146 Resp: 2209

Ion Ratio Lower Upper

146 100

111 45.8 22.6 67.7

148 68.3 31.9 95.7



#89

n-Butylbenzene

Concen: 1.116 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX035892.D

Acq: 26 May 2023 18:37

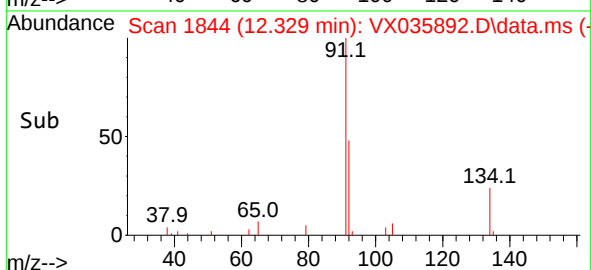
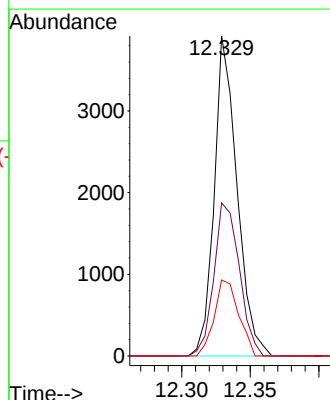
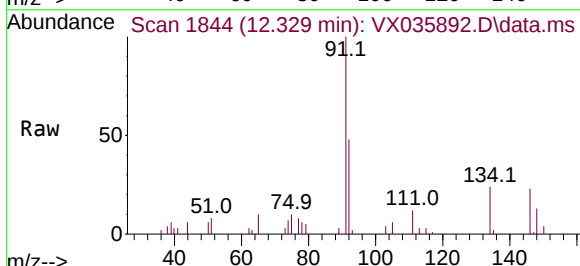
Tgt Ion: 91 Resp: 4522

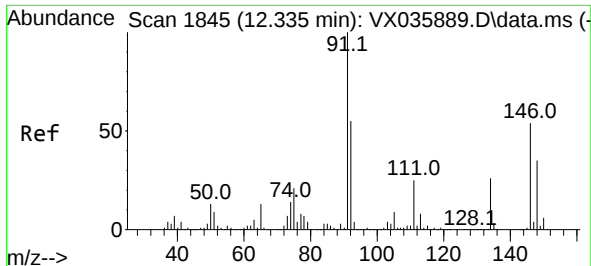
Ion Ratio Lower Upper

91 100

92 53.4 27.3 81.8

134 25.4 12.4 37.0

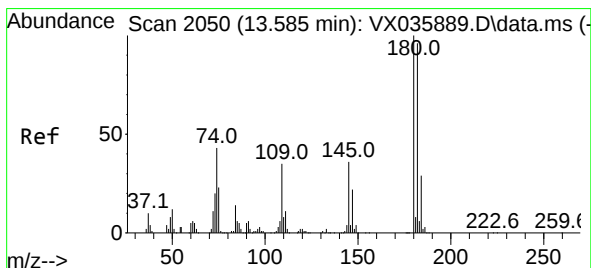
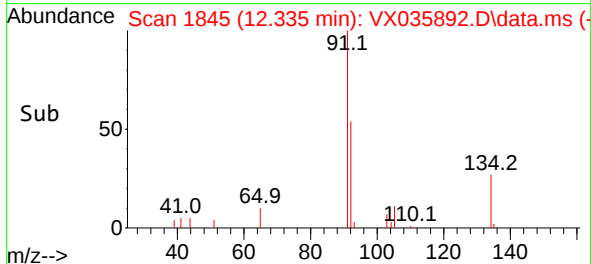
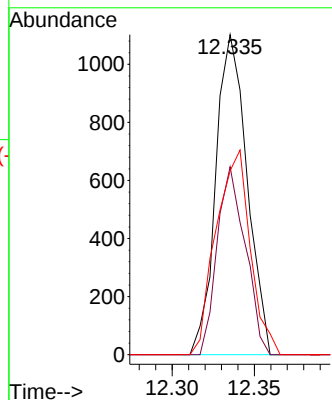
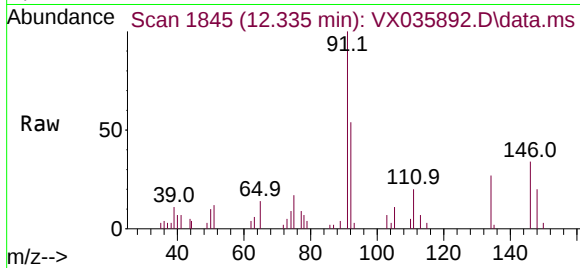




#91
1,2-Dichlorobenzene
Concen: 0.636 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035892.D
Acq: 26 May 2023 18:37

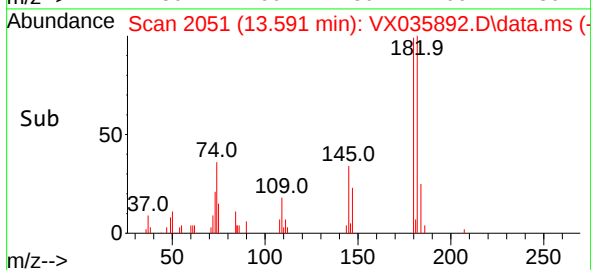
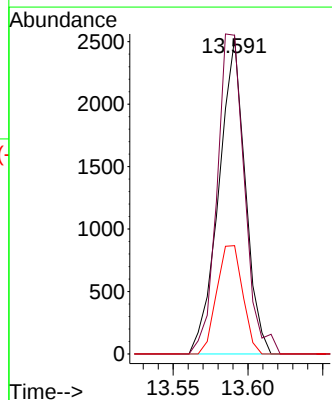
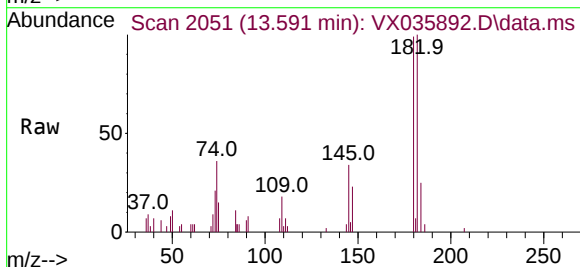
Instrument :
MSVOA_X
ClientSampleId :
IBLK

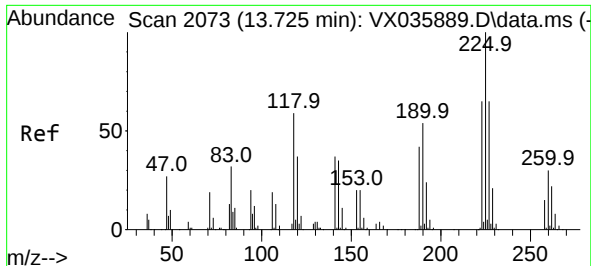
Tgt Ion:146 Resp: 1459
Ion Ratio Lower Upper
146 100
111 52.8 23.3 69.9
148 69.9 31.9 95.7



#93
1,2,4-Trichlorobenzene
Concen: 2.303 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX035892.D
Acq: 26 May 2023 18:37

Tgt Ion:180 Resp: 3105
Ion Ratio Lower Upper
180 100
182 105.1 47.3 141.8
145 33.6 17.3 51.9

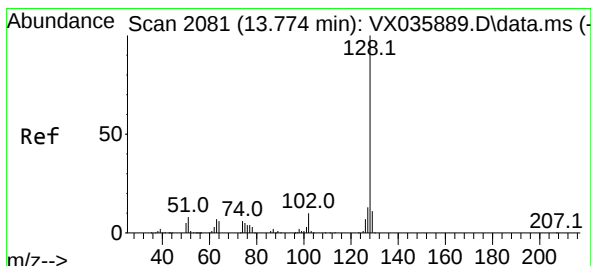
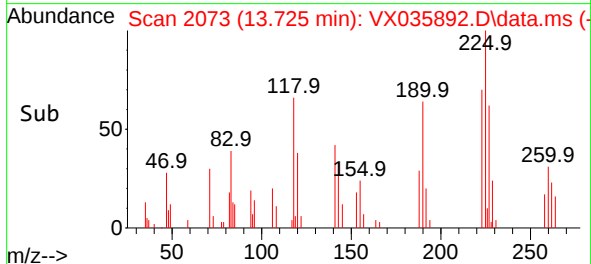
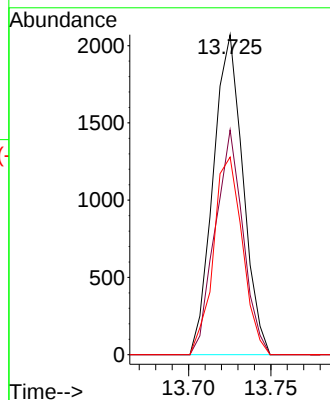
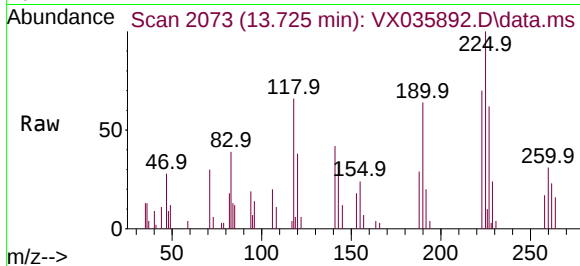




#94
Hexachlorobutadiene
Concen: 4.816 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX035892.D
Acq: 26 May 2023 18:37

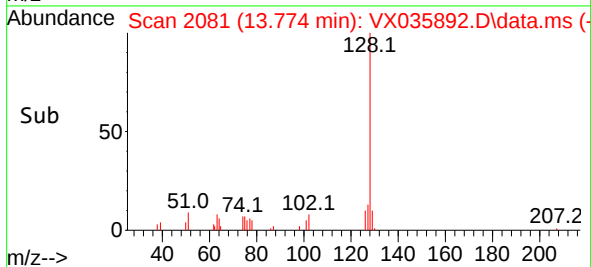
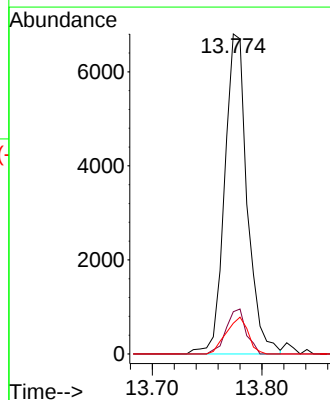
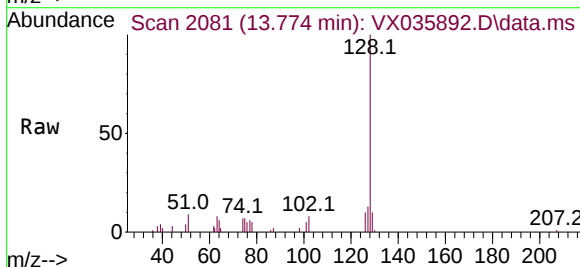
Instrument :
MSVOA_X
ClientSampleId :
IBLK

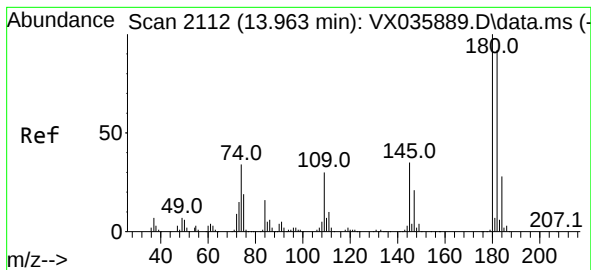
Tgt Ion:	225	Resp:	2604
Ion	Ratio	Lower	Upper
225	100		
223	65.9	32.6	97.7
227	60.4	31.9	95.7



#95
Naphthalene
Concen: 2.081 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX035892.D
Acq: 26 May 2023 18:37

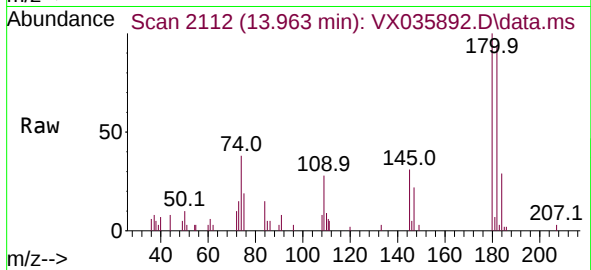
Tgt Ion:	128	Resp:	9747
Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.3	15.5
129	11.1	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 2.718 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.000 min
 Lab File: VX035892.D
 Acq: 26 May 2023 18:37

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK



Tgt Ion:	180	Resp:	3652
Ion Ratio	Lower	Upper	
180	100		
182	86.4	46.9	140.7
145	32.9	18.1	54.3

