

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083022\
 Data File : VX030934.D
 Acq On : 30 Aug 2022 12:14
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Aug 30 15:08:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X083022W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 30 14:24:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	198040	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	336944	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	298172	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	131035	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	121582	42.804	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.600%
35) Dibromofluoromethane	5.391	113	106533	42.892	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	85.780%
50) Toluene-d8	8.653	98	394547	42.893	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	85.780%#
62) 4-Bromofluorobenzene	11.085	95	132462	40.439	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	80.880%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	574	0.274	ug/l	96
3) Chloromethane	1.288	50	746	0.353	ug/l	92
5) Bromomethane	1.611	94	924	Below Cal		82
6) Chloroethane	1.697	64	731	0.487	ug/l #	88
7) Trichlorofluoromethane	1.886	101	815	0.215	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	1048	0.430	ug/l #	84
10) Methyl Iodide	2.459	142	1044	4.797	ug/l #	76
11) Tert butyl alcohol	2.959	59	2654	3.944	ug/l #	74
12) 1,1-Dichloroethene	2.319	96	713	0.296	ug/l #	62
13) Acrolein	2.258	56	337	8.232	ug/l #	45
15) Acrylonitrile	3.068	53	1377	0.927	ug/l	91
16) Acetone	2.386	43	1041	0.812	ug/l	95
17) Carbon Disulfide	2.514	76	7982	1.257	ug/l #	94
20) Methylene Chloride	2.794	84	1868	0.641	ug/l #	93
21) trans-1,2-Dichloroethene	3.093	96	1479	0.567	ug/l #	64
23) Vinyl Acetate	3.739	43	1944	0.301	ug/l #	54
25) 2-Butanone	4.580	43	1163	0.560	ug/l #	60
27) cis-1,2-Dichloroethene	4.501	96	742	0.247	ug/l	83
29) Tetrahydrofuran	5.038	42	685	0.510	ug/l #	55
36) 1,1-Dichloropropene	5.696	75	799	0.216	ug/l #	60
38) Carbon Tetrachloride	5.550	117	20426	5.812	ug/l #	18
39) Methylcyclohexane	7.385	83	1384	0.307	ug/l #	92
42) 1,2-Dichloroethane	6.104	62	784	0.222	ug/l #	73
44) Trichloroethene	7.135	130	1363	0.435	ug/l	90
46) Dibromomethane	7.592	93	401	0.207	ug/l #	81
49) 1,4-Dioxane	7.690	88	30	0.379	ug/l #	25
53) t-1,3-Dichloropropene	8.988	75	891	0.237	ug/l #	82
59) 2-Hexanone	9.433	43	952	0.322	ug/l	89
64) Tetrachloroethene	9.275	164	1224	0.434	ug/l #	76
65) Chlorobenzene	10.086	112	2208	0.313	ug/l	100
67) Ethyl Benzene	10.201	91	2845	0.227	ug/l	92
68) m/p-Xylenes	10.305	106	2262	0.478	ug/l	78
69) o-Xylene	10.646	106	984	0.212	ug/l	91
70) Styrene	10.665	104	1643	0.210	ug/l	95
73) Isopropylbenzene	10.963	105	3155	0.304	ug/l	90
76) 1,2,3-Trichloropropane	11.085	75	62863	19.487	ug/l #	38

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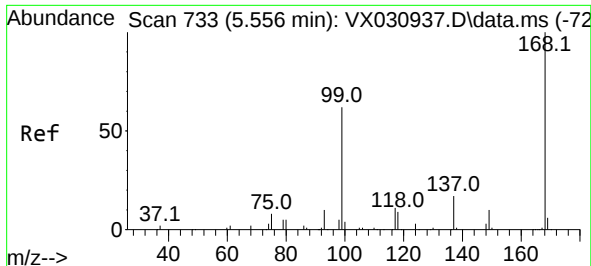
Instrument :
 MSVOA_X
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Quant Time: Aug 30 15:08:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X083022W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 30 14:24:53 2022
 Response via : Initial Calibration

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

77) Bromobenzene	11.201	156	873	0.348	ug/l	82
78) n-propylbenzene	11.311	91	4431	0.365	ug/l	89
79) 2-Chlorotoluene	11.372	91	2609	0.346	ug/l	89
80) 1,3,5-Trimethylbenzene	11.457	105	3082	0.353	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.085	75	62863	57.937	ug/l #	12
82) 4-Chlorotoluene	11.457	91	4176	0.495	ug/l	99
83) tert-Butylbenzene	11.719	119	2614	0.305	ug/l	89
84) 1,2,4-Trimethylbenzene	11.756	105	3019	0.338	ug/l	99
85) sec-Butylbenzene	11.890	105	4510	0.405	ug/l	94
86) p-Isopropyltoluene	12.012	119	3663	0.397	ug/l #	81
87) 1,3-Dichlorobenzene	11.975	146	2873	0.580	ug/l	92
88) 1,4-Dichlorobenzene	11.975	146	2873	0.566	ug/l	91
89) n-Butylbenzene	12.335	91	4556	0.527	ug/l	96
90) Hexachloroethane	12.548	117	353	0.218	ug/l	86
91) 1,2-Dichlorobenzene	12.341	146	2074	0.413	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	3191	0.994	ug/l	95
94) Hexachlorobutadiene	13.731	225	1416	1.038	ug/l	95
95) Naphthalene	13.780	128	9082	0.791	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	2771	0.855	ug/l	86

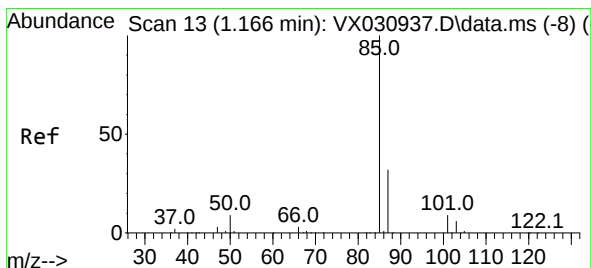
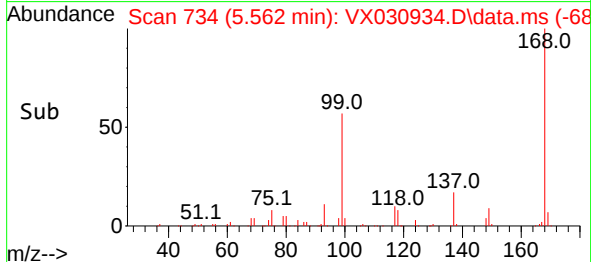
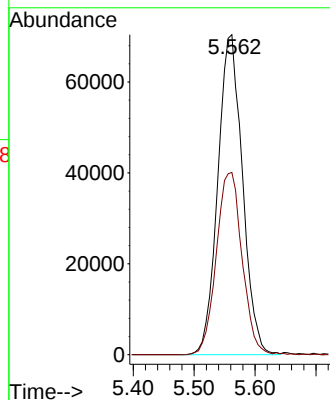
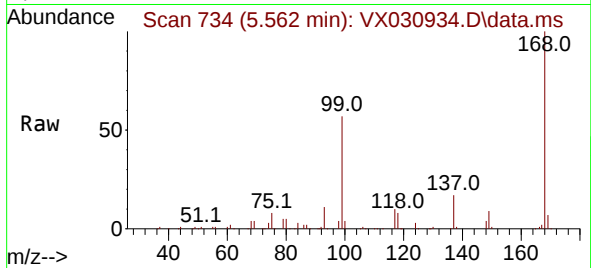
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030934.D
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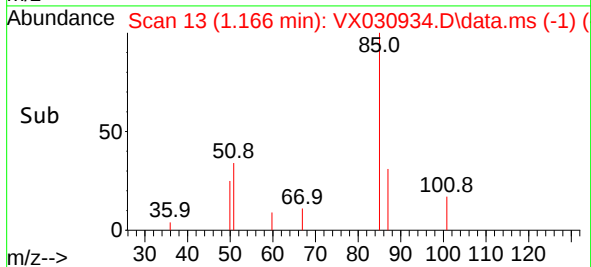
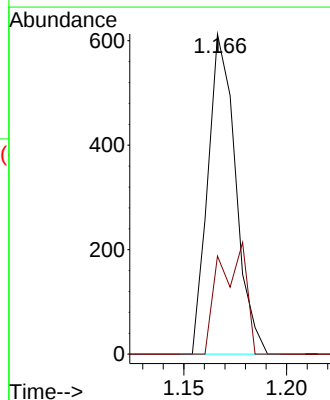
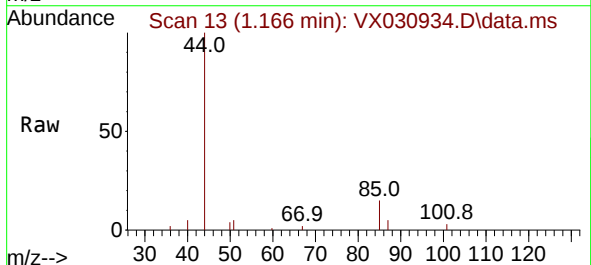
Instrument :
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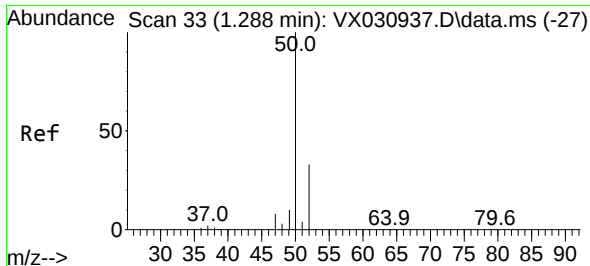
Tgt Ion:168 Resp: 198040
Ion Ratio Lower Upper
168 100
99 57.0 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 0.274 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX030934.D
Acq: 30 Aug 2022 12:14

Tgt Ion: 85 Resp: 574
Ion Ratio Lower Upper
85 100
87 30.7 16.5 49.5

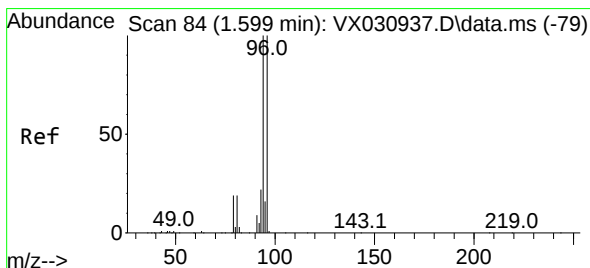
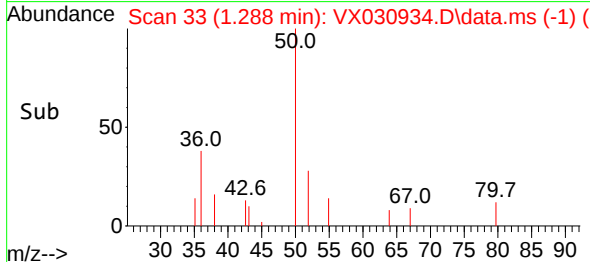
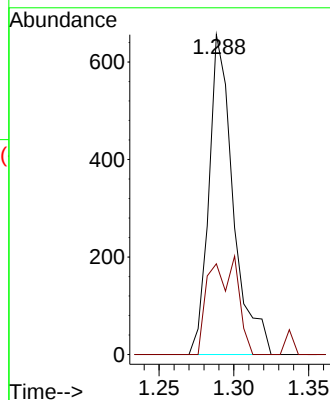
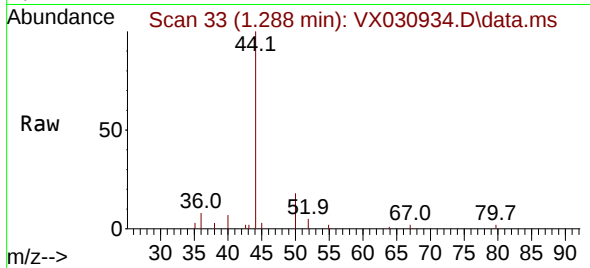




#3
Chloromethane
Concen: 0.353 ug/l
RT: 1.288 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX030934.D
Acq: 30 Aug 2022 12:14

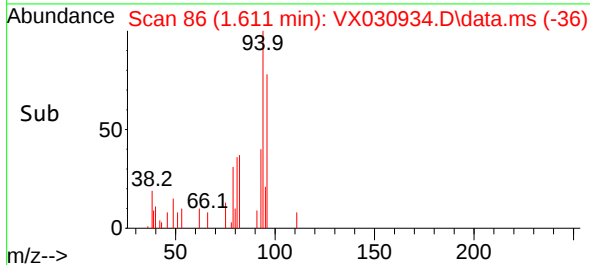
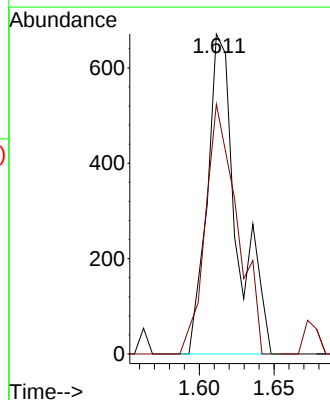
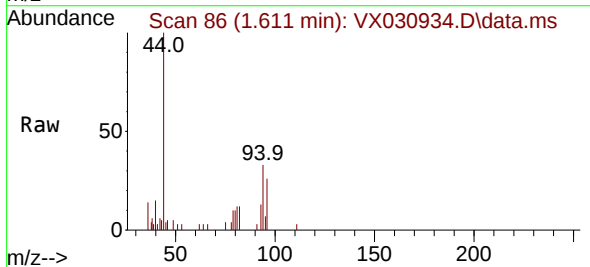
Instrument :
MSVOA_X
ClientSampleId :
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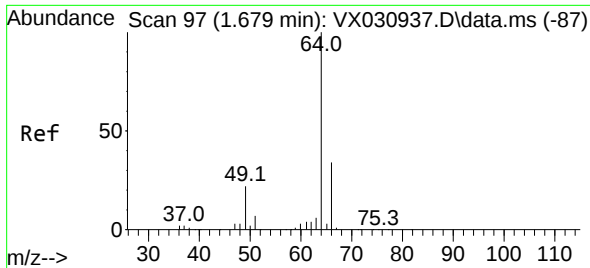
Tgt Ion: 50 Resp: 746
Ion Ratio Lower Upper
50 100
52 28.4 26.3 39.5



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.006 min
Lab File: VX030934.D
Acq: 30 Aug 2022 12:14

Tgt Ion: 94 Resp: 924
Ion Ratio Lower Upper
94 100
96 78.1 76.9 115.3

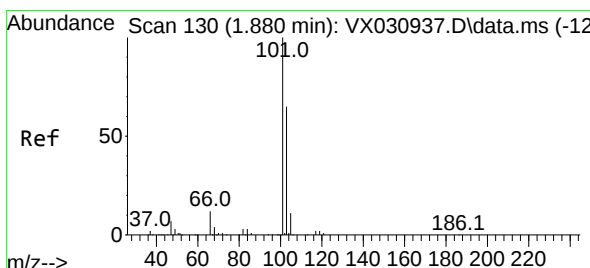
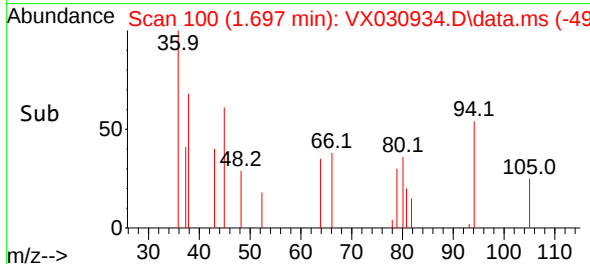
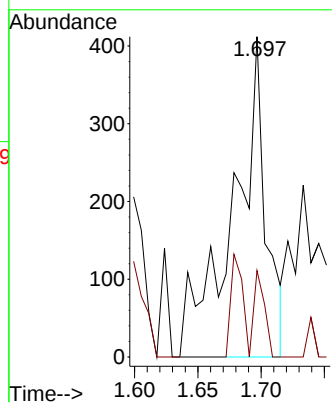
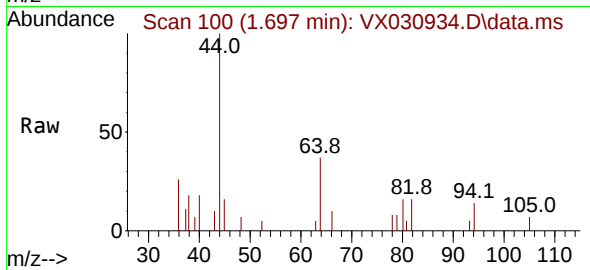




#6
Chloroethane
Concen: 0.487 ug/l
RT: 1.697 min Scan# 10
Delta R.T. 0.012 min
Lab File: VX030934.D
Acq: 30 Aug 2022 12:14

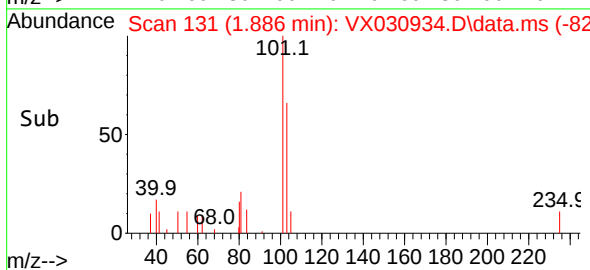
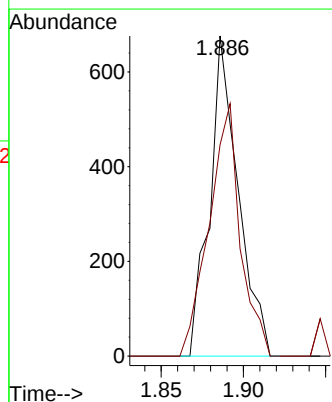
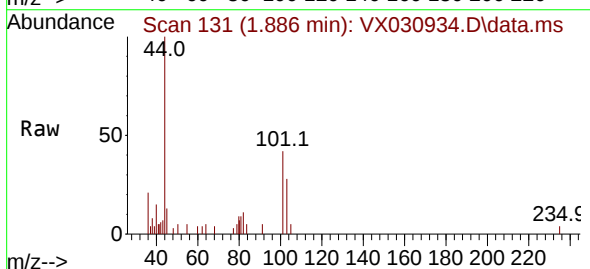
Instrument :
MSVOA_X
ClientSampleId :
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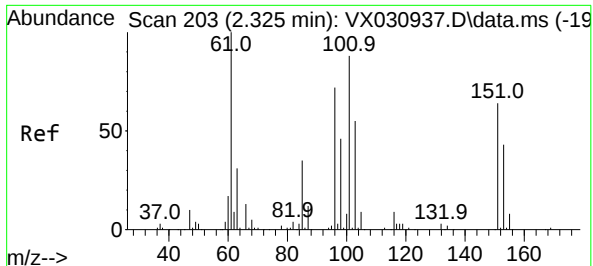
Tgt Ion: 64 Resp: 731
Ion Ratio Lower Upper
64 100
66 26.9 27.2 40.8#



#7
Trichlorofluoromethane
Concen: 0.215 ug/l
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX030934.D
Acq: 30 Aug 2022 12:14

Tgt Ion: 101 Resp: 815
Ion Ratio Lower Upper
101 100
103 66.0 49.7 74.5

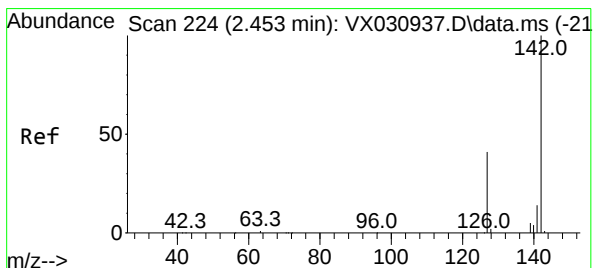
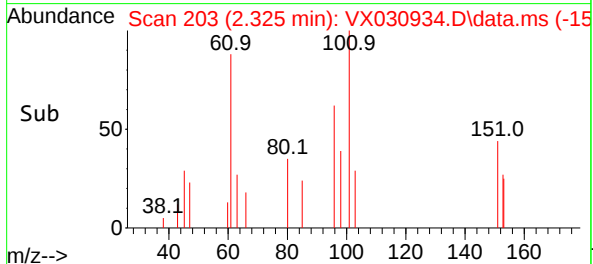
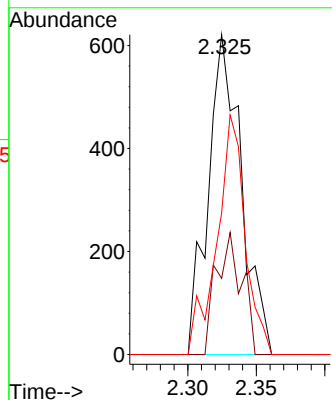
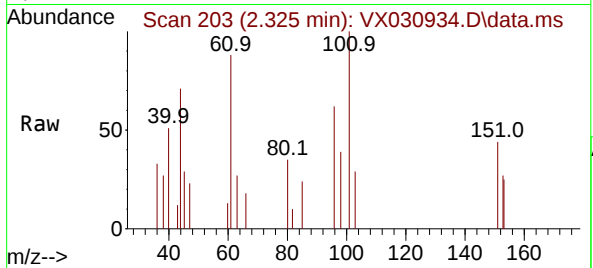




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.430 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX030934.D
Acq: 30 Aug 2022 12:14

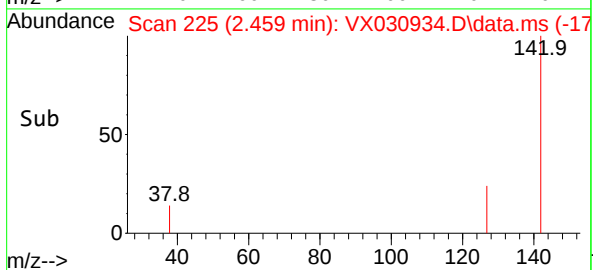
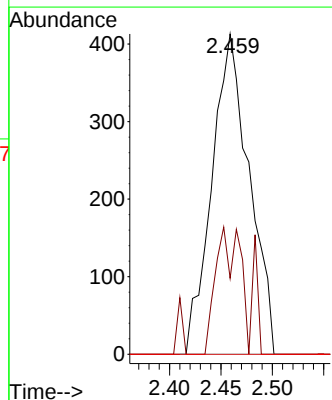
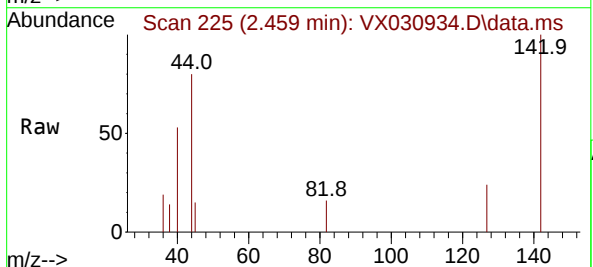
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ClientSampleId :
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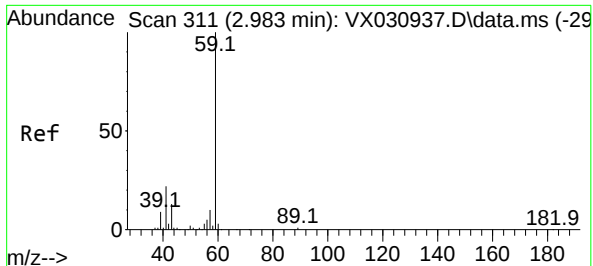
Tgt Ion:101 Resp: 1048
Ion Ratio Lower Upper
101 100
85 29.3 34.0 51.0#
151 63.5 59.4 89.0



#10
Methyl Iodide
Concen: 4.797 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX030934.D
Acq: 30 Aug 2022 12:14

Tgt Ion:142 Resp: 1044
Ion Ratio Lower Upper
142 100
127 25.8 30.2 45.2#
141 0.0 11.3 16.9#

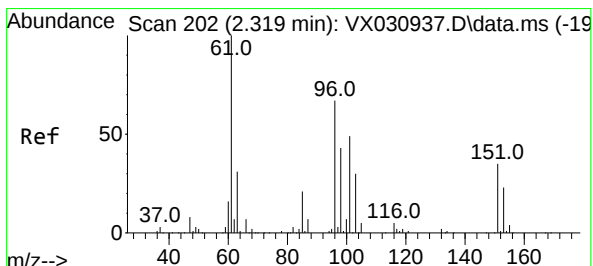
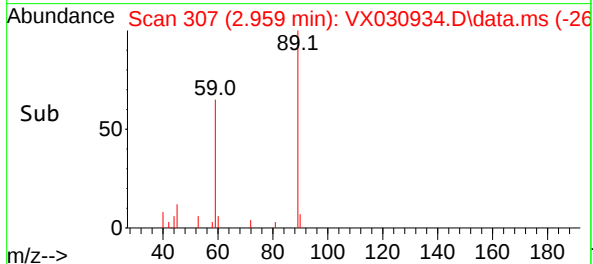
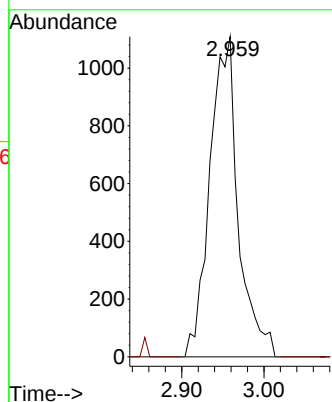
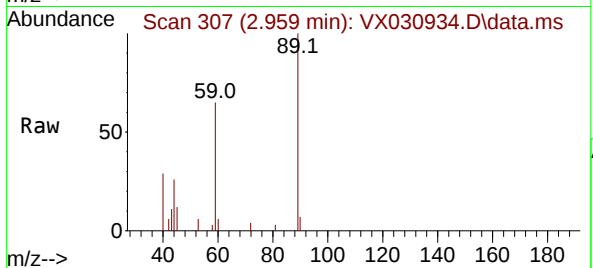




#11
Tert butyl alcohol
Concen: 3.944 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.030 min
Lab File: VX030934.D
Acq: 30 Aug 2022 12:14

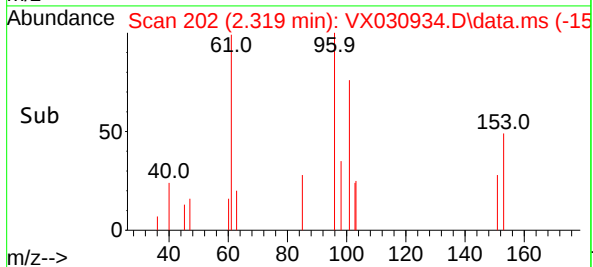
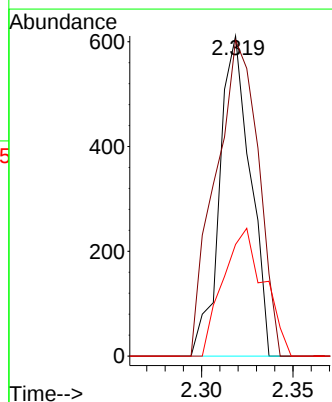
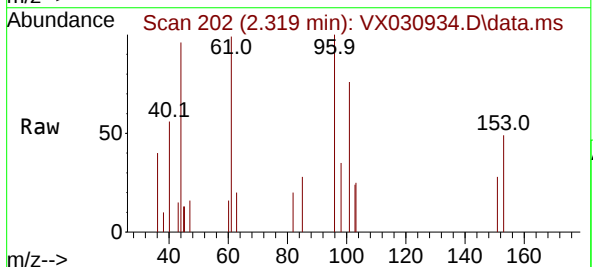
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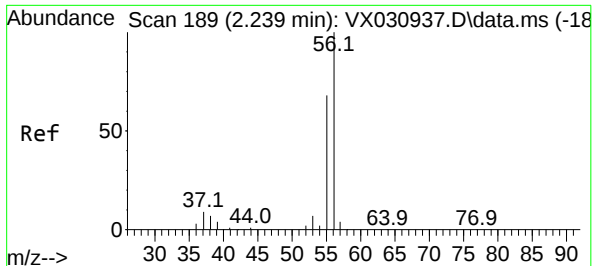
Tgt Ion: 59 Resp: 2654
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#12
1,1-Dichloroethene
Concen: 0.296 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX030934.D
Acq: 30 Aug 2022 12:14

Tgt Ion: 96 Resp: 713
Ion Ratio Lower Upper
96 100
61 98.7 117.4 176.0#
98 34.9 52.2 78.4#

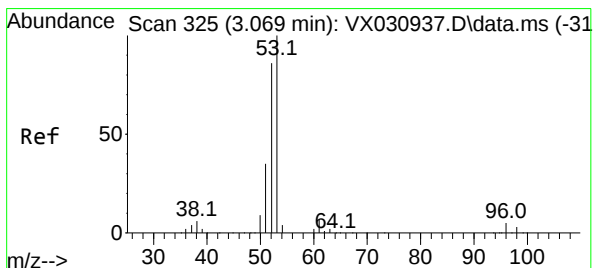
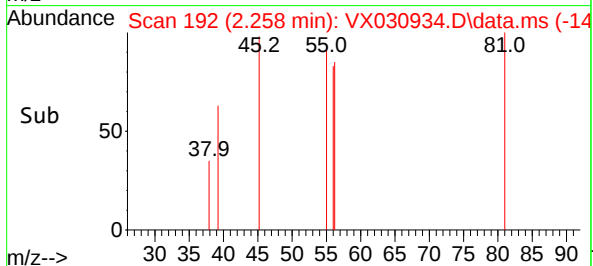
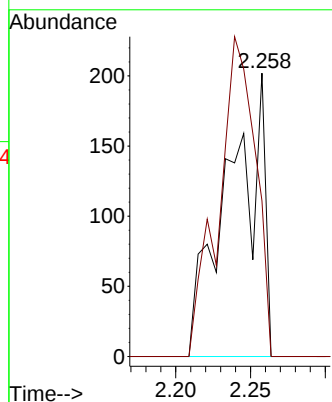
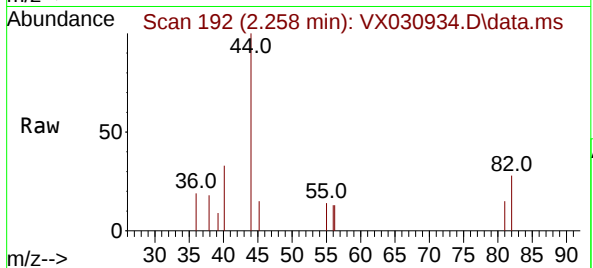




#13
Acrolein
Concen: 8.232 ug/l
RT: 2.258 min Scan# 192
Delta R.T. 0.019 min
Lab File: VX030934.D
Acq: 30 Aug 2022 12:14

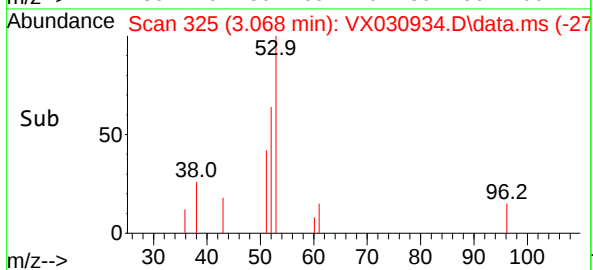
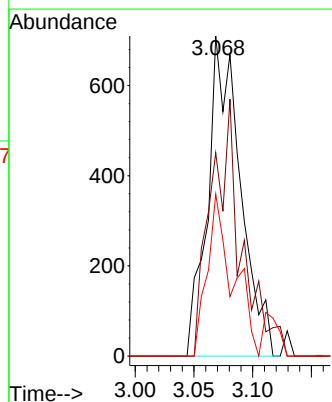
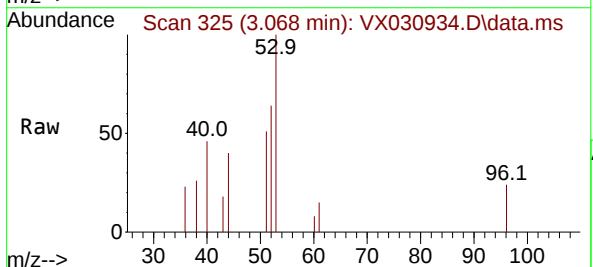
Instrument :
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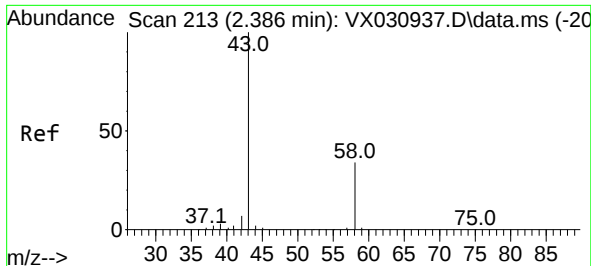
Tgt Ion: 56 Resp: 337
Ion Ratio Lower Upper
56 100
55 116.3 56.6 84.8#



#15
Acrylonitrile
Concen: 0.927 ug/l
RT: 3.068 min Scan# 325
Delta R.T. -0.001 min
Lab File: VX030934.D
Acq: 30 Aug 2022 12:14

Tgt Ion: 53 Resp: 1377
Ion Ratio Lower Upper
53 100
52 74.0 65.4 98.0
51 39.7 27.7 41.5





#16

Acetone

Concen: 0.812 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX030934.D

Acq: 30 Aug 2022 12:14

Instrument :

MSVOA_X

ClientSampleId :

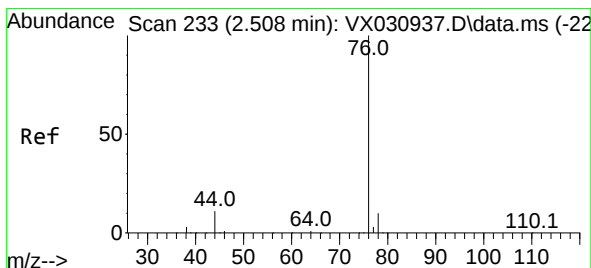
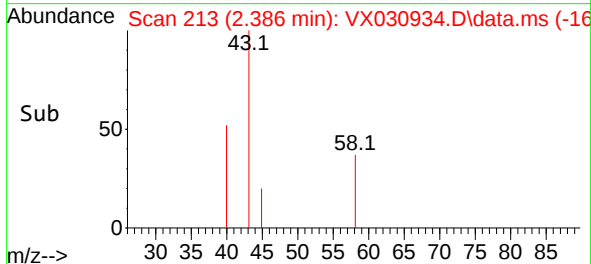
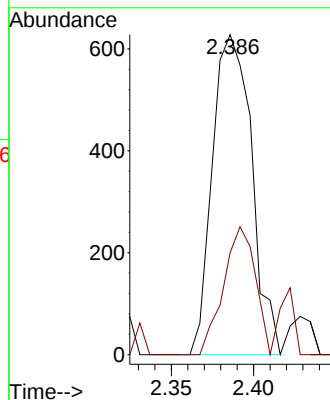
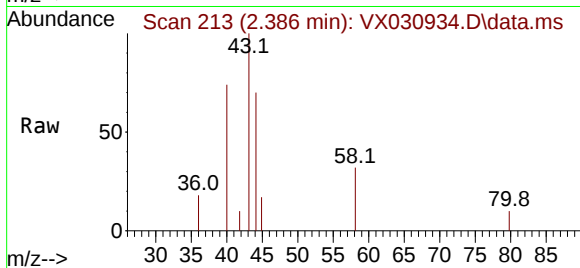
IBLK

Tgt Ion: 43 Resp: 1041

Ion Ratio Lower Upper

43 100

58 31.8 27.7 41.5



#17

Carbon Disulfide

Concen: 1.257 ug/l

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX030934.D

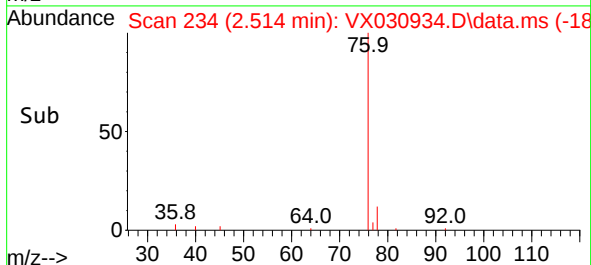
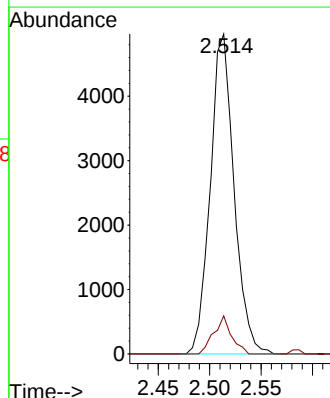
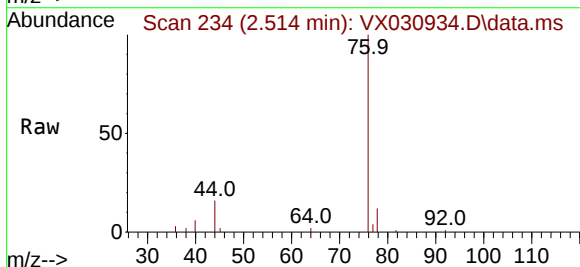
Acq: 30 Aug 2022 12:14

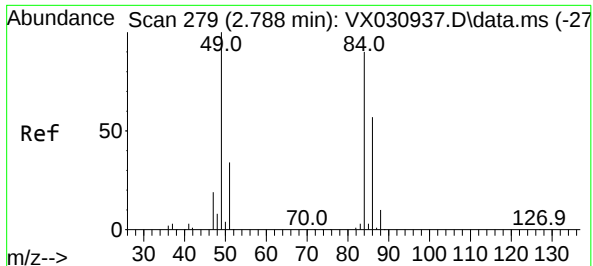
Tgt Ion: 76 Resp: 7982

Ion Ratio Lower Upper

76 100

78 11.9 7.8 11.6#





#20

Methylene Chloride

Concen: 0.641 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX030934.D

Acq: 30 Aug 2022 12:14

Instrument :

MSVOA_X

ClientSampleId :

IBLK

Tgt Ion: 84 Resp: 1868

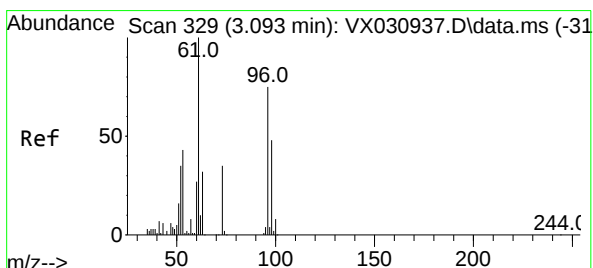
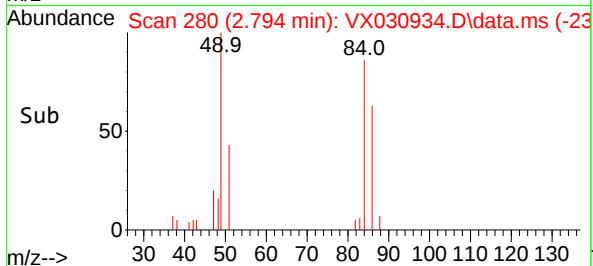
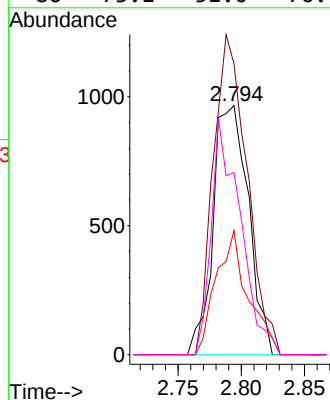
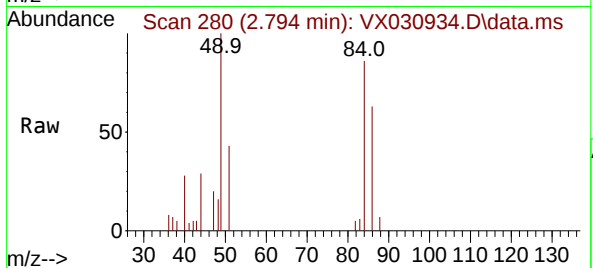
Ion Ratio Lower Upper

84 100

49 116.9 93.8 140.6

51 49.8 29.4 44.0#

86 73.1 51.0 76.4



#21

trans-1,2-Dichloroethene

Concen: 0.567 ug/l

RT: 3.093 min Scan# 329

Delta R.T. -0.000 min

Lab File: VX030934.D

Acq: 30 Aug 2022 12:14

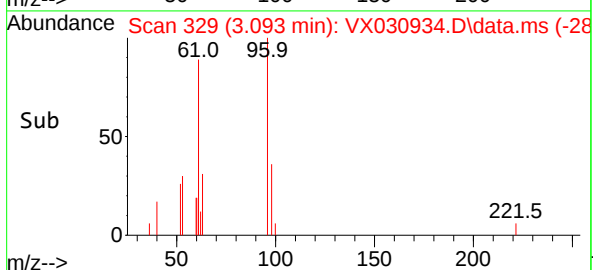
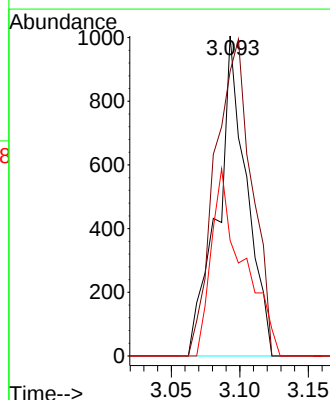
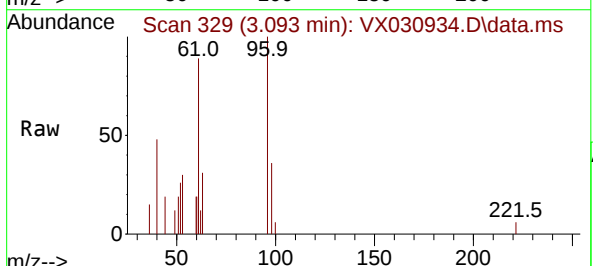
Tgt Ion: 96 Resp: 1479

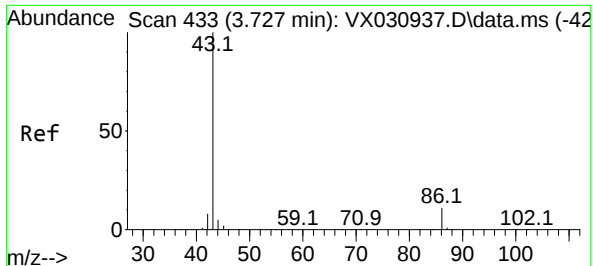
Ion Ratio Lower Upper

96 100

61 89.0 105.6 158.4#

98 36.1 50.1 75.1#

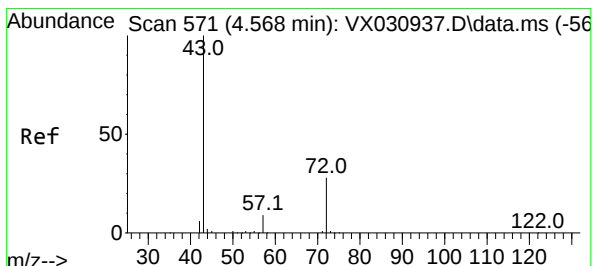
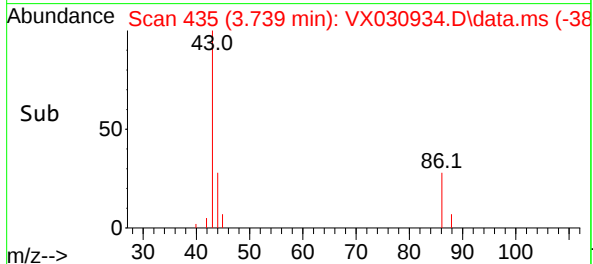
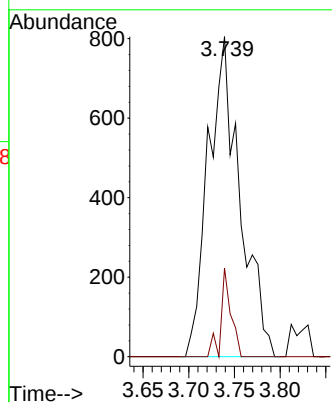
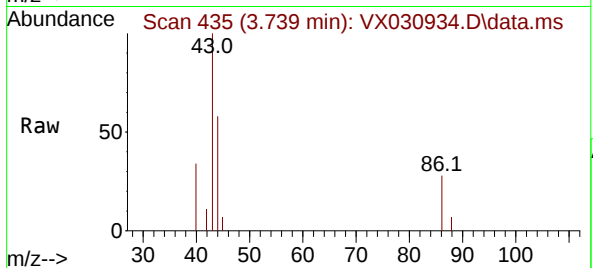




#23
 Vinyl Acetate
 Concen: 0.301 ug/l
 RT: 3.739 min Scan# 41
 Delta R.T. 0.012 min
 Lab File: VX030934.D
 Acq: 30 Aug 2022 12:14

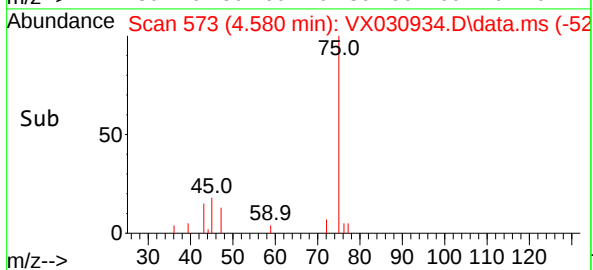
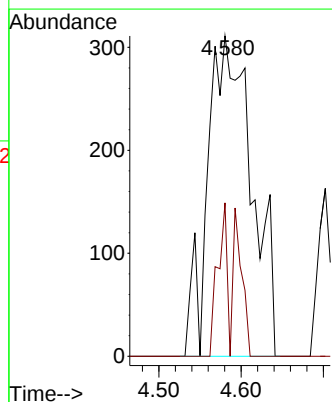
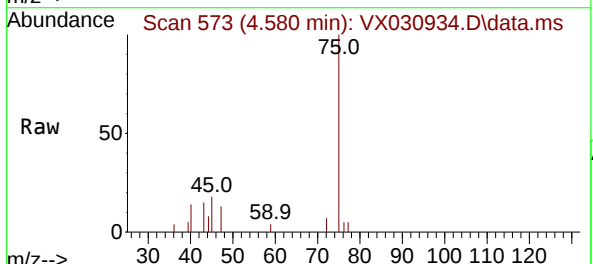
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

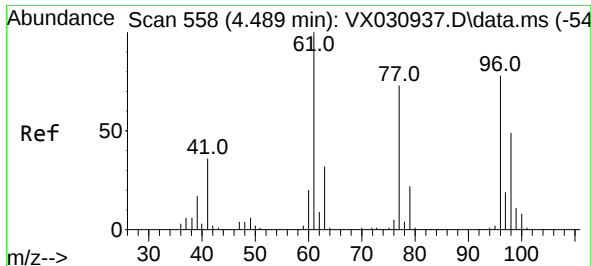
Tgt Ion: 43 Resp: 1944
 Ion Ratio Lower Upper
 43 100
 86 27.7 8.5 12.7#



#25
 2-Butanone
 Concen: 0.560 ug/l
 RT: 4.580 min Scan# 573
 Delta R.T. 0.012 min
 Lab File: VX030934.D
 Acq: 30 Aug 2022 12:14

Tgt Ion: 43 Resp: 1163
 Ion Ratio Lower Upper
 43 100
 72 47.9 21.7 32.5#





#27

cis-1,2-Dichloroethene

Concen: 0.247 ug/l

RT: 4.501 min Scan# 5

Delta R.T. 0.012 min

Lab File: VX030934.D

Acq: 30 Aug 2022 12:14

Instrument :

MSVOA_X

ClientSampleId :

IBLK

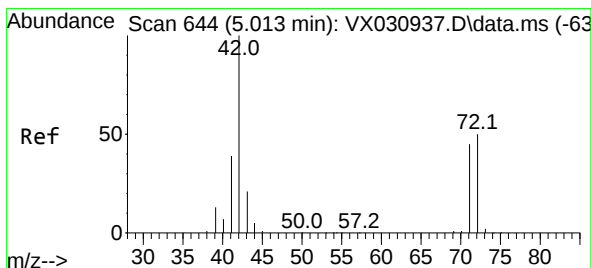
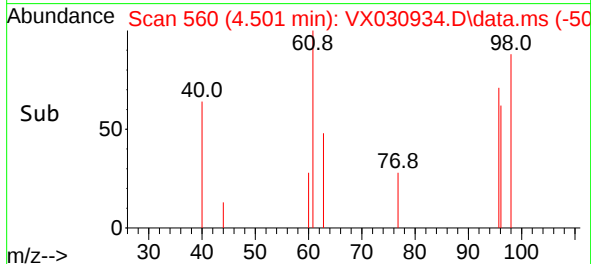
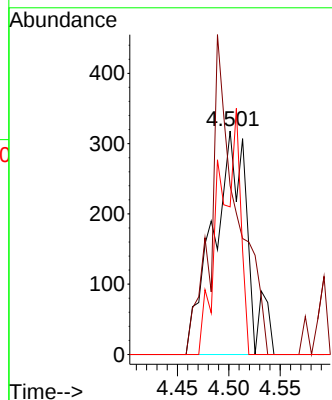
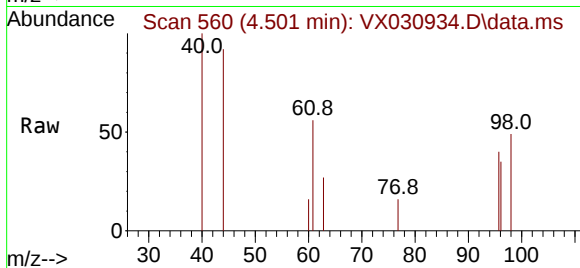
Tgt Ion: 96 Resp: 742

Ion Ratio Lower Upper

96 100

61 107.8 0.0 270.0

98 66.4 0.0 127.8



#29

Tetrahydrofuran

Concen: 0.510 ug/l

RT: 5.038 min Scan# 648

Delta R.T. 0.025 min

Lab File: VX030934.D

Acq: 30 Aug 2022 12:14

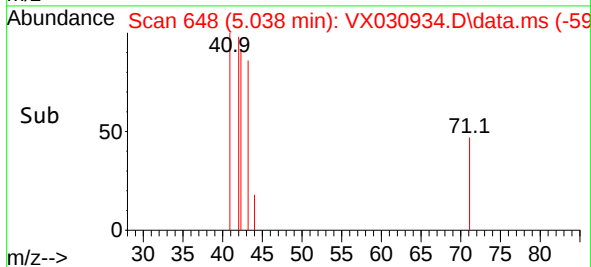
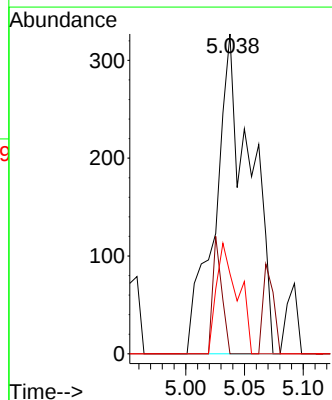
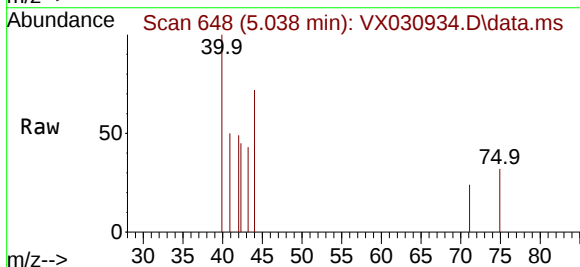
Tgt Ion: 42 Resp: 685

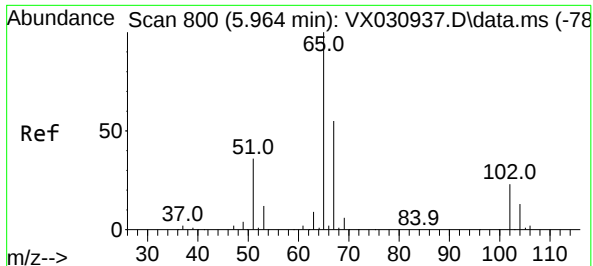
Ion Ratio Lower Upper

42 100

72 9.3 36.5 54.7#

71 20.7 33.9 50.9#





#33

1,2-Dichloroethane-d4

Concen: 42.804 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX030934.D

Acq: 30 Aug 2022 12:14

Instrument :

MSVOA_X

ClientSampleId :

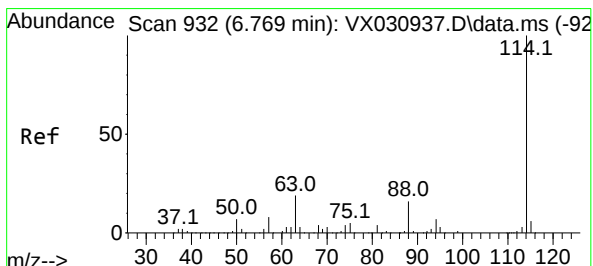
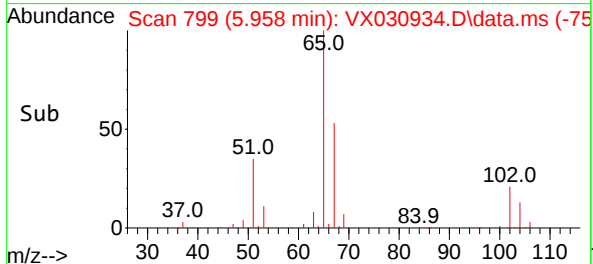
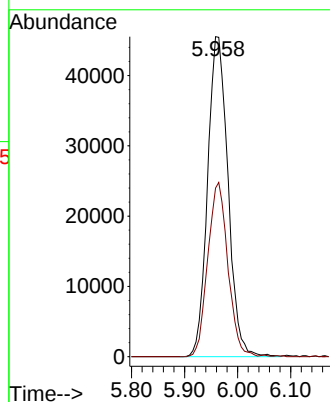
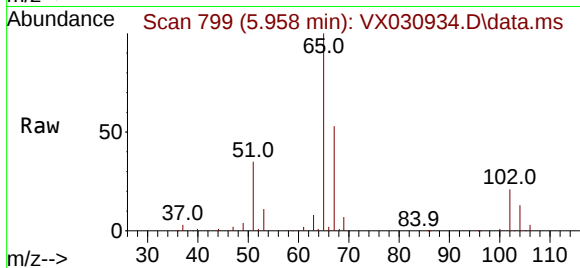
IBLK

Tgt Ion: 65 Resp: 121582

Ion Ratio Lower Upper

65 100

67 53.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX030934.D

Acq: 30 Aug 2022 12:14

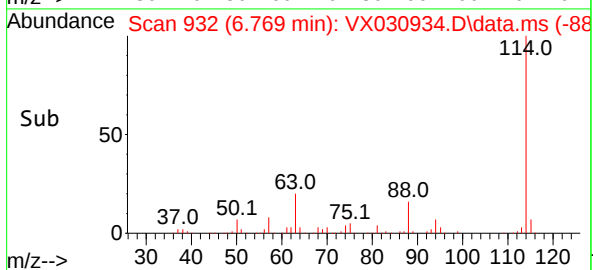
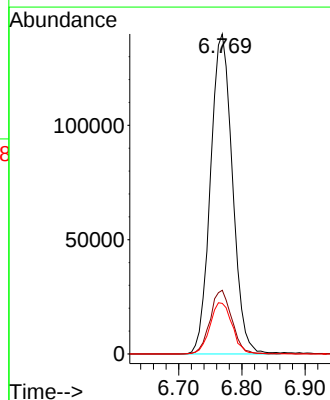
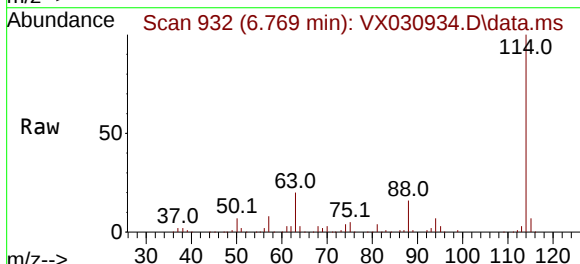
Tgt Ion: 114 Resp: 336944

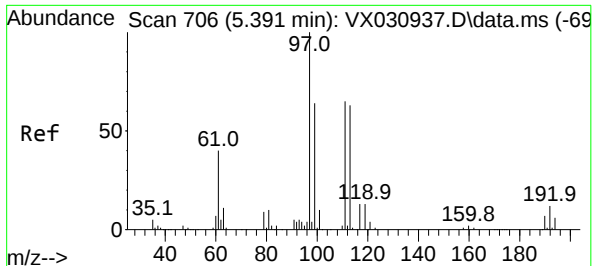
Ion Ratio Lower Upper

114 100

63 19.9 0.0 38.4

88 15.8 0.0 31.8





#35

Dibromofluoromethane

Concen: 42.892 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030934.D

Acq: 30 Aug 2022 12:14

Instrument :

MSVOA_X

ClientSampleId :

IBLK

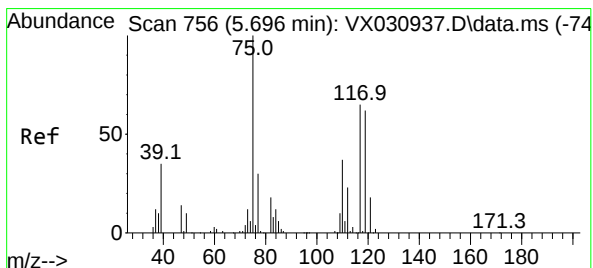
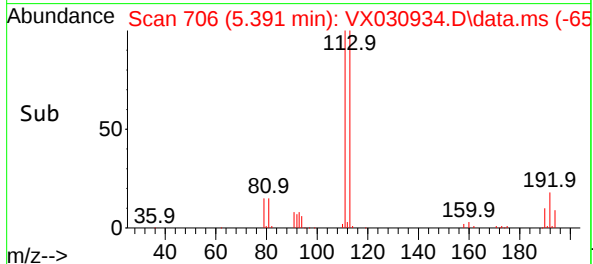
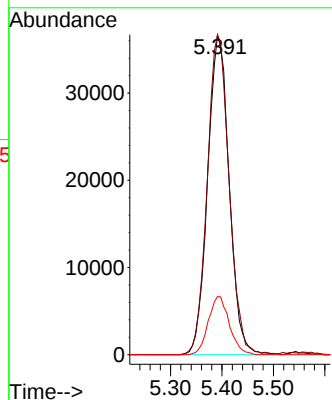
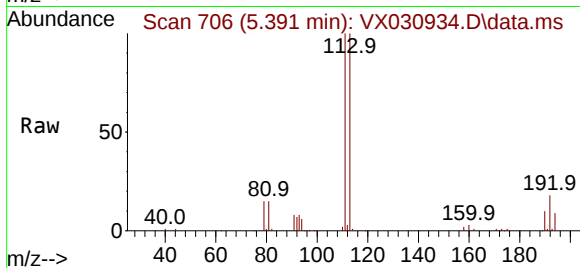
Tgt Ion:113 Resp: 106533

Ion Ratio Lower Upper

113 100

111 102.0 83.2 124.8

192 17.8 14.8 22.2



#36

1,1-Dichloropropene

Concen: 0.216 ug/l

RT: 5.696 min Scan# 756

Delta R.T. 0.000 min

Lab File: VX030934.D

Acq: 30 Aug 2022 12:14

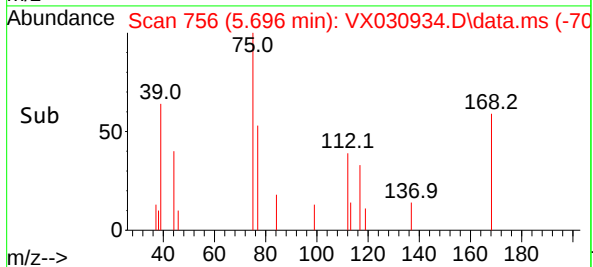
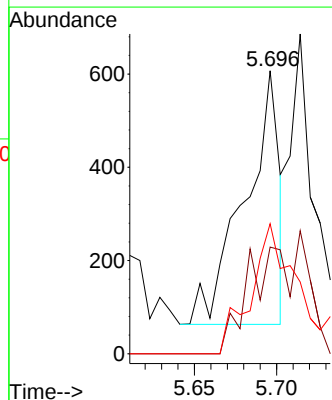
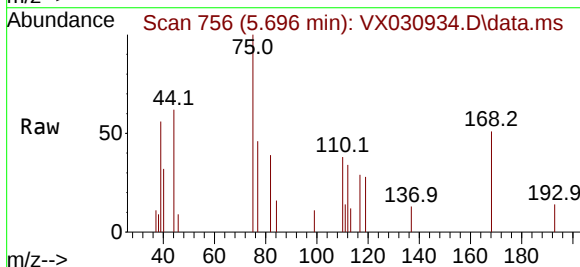
Tgt Ion: 75 Resp: 799

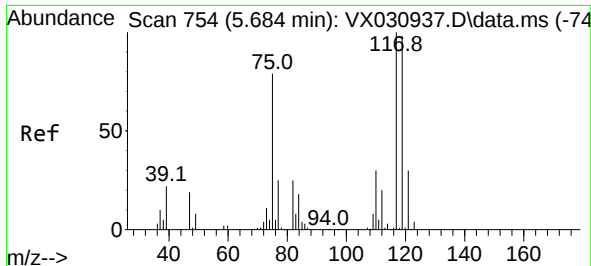
Ion Ratio Lower Upper

75 100

110 48.3 19.3 57.9

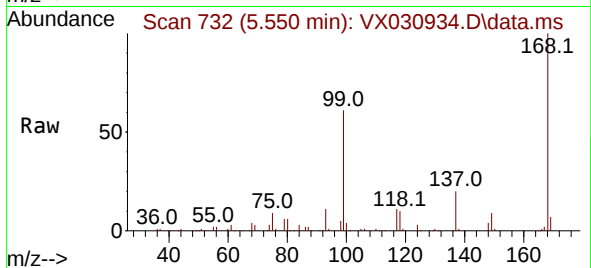
77 68.3 24.4 36.6#



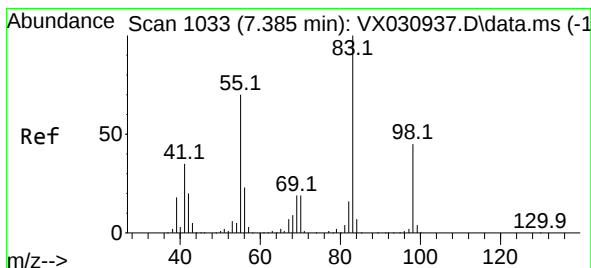
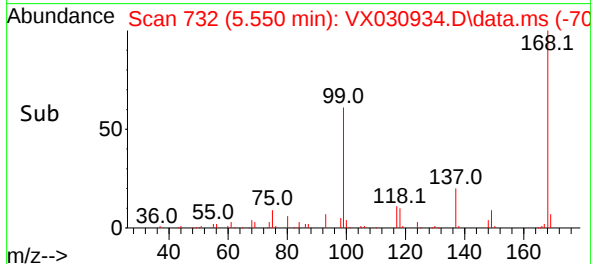
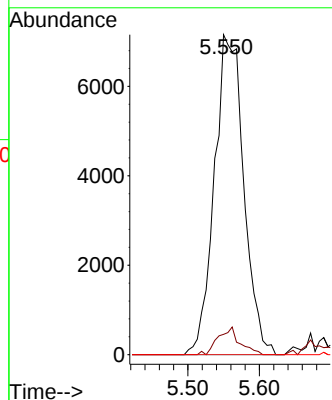


#38
Carbon Tetrachloride
Concen: 5.812 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX030934.D
Acq: 30 Aug 2022 12:14

Instrument :
MSVOA_X
ClientSampleId :
IBLK

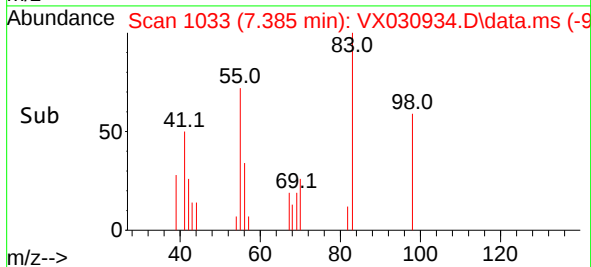
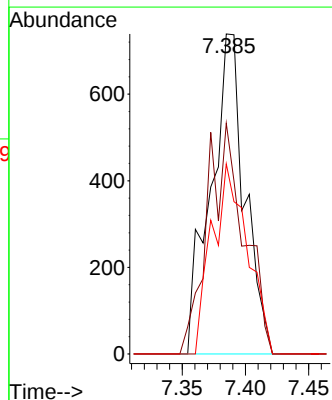
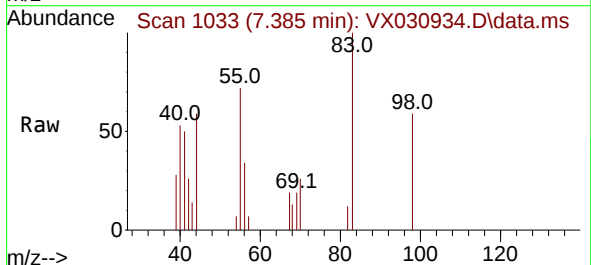


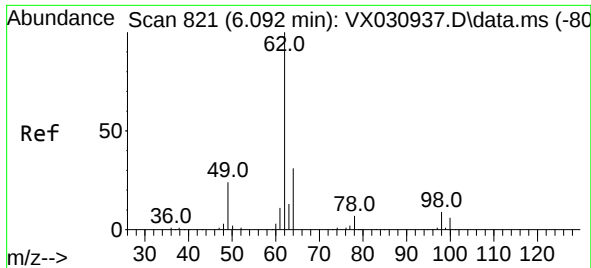
Tgt Ion:117 Resp: 20426
Ion Ratio Lower Upper
117 100
119 6.3 74.1 111.1#
121 0.0 25.8 38.8#



#39
Methylcyclohexane
Concen: 0.307 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX030934.D
Acq: 30 Aug 2022 12:14

Tgt Ion: 83 Resp: 1384
Ion Ratio Lower Upper
83 100
55 72.1 57.7 86.5
98 59.4 36.5 54.7#





#42

1,2-Dichloroethane

Concen: 0.222 ug/l

RT: 6.104 min Scan# 81

Delta R.T. 0.013 min

Lab File: VX030934.D

Acq: 30 Aug 2022 12:14

Instrument :

MSVOA_X

ClientSampleId :

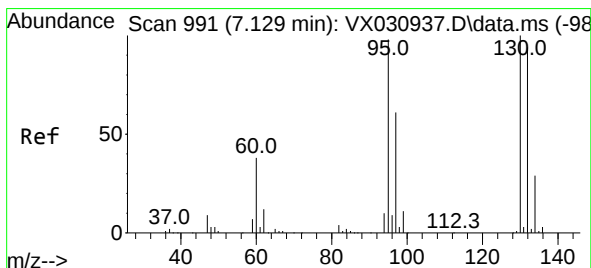
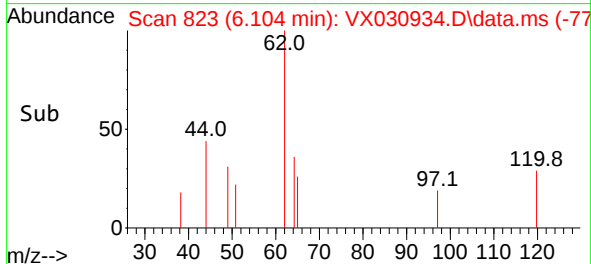
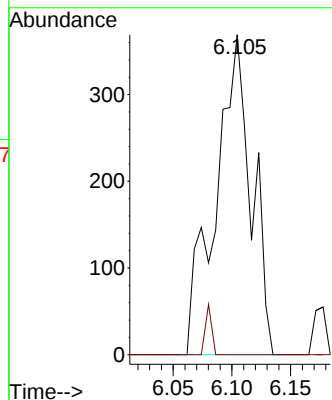
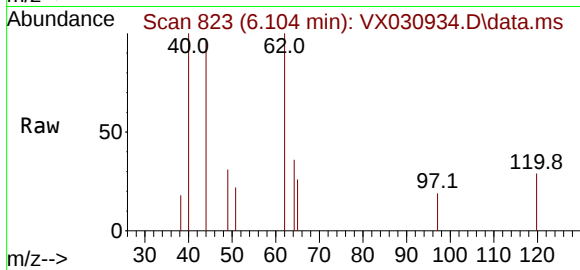
IBLK

Tgt Ion: 62 Resp: 784

Ion Ratio Lower Upper

62 100

98 0.0 0.0 20.2



#44

Trichloroethene

Concen: 0.435 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.006 min

Lab File: VX030934.D

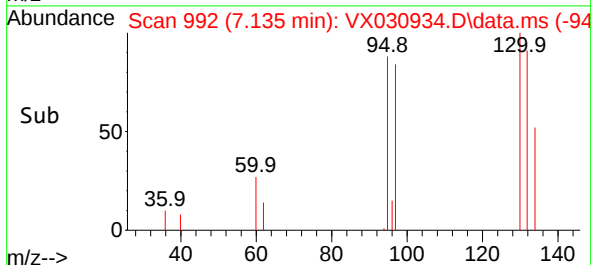
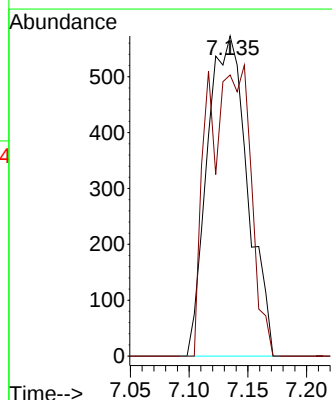
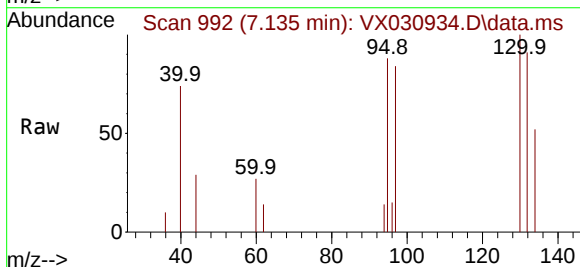
Acq: 30 Aug 2022 12:14

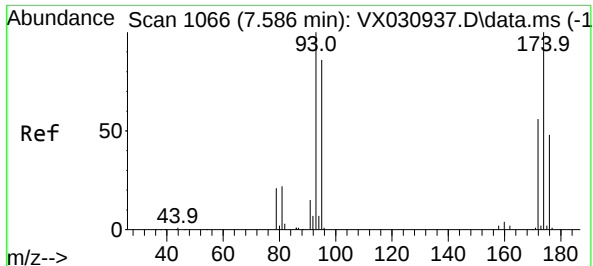
Tgt Ion:130 Resp: 1363

Ion Ratio Lower Upper

130 100

95 87.8 0.0 194.8

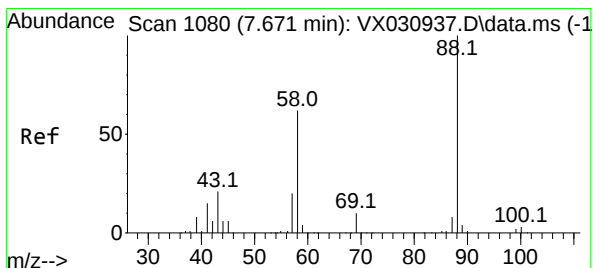
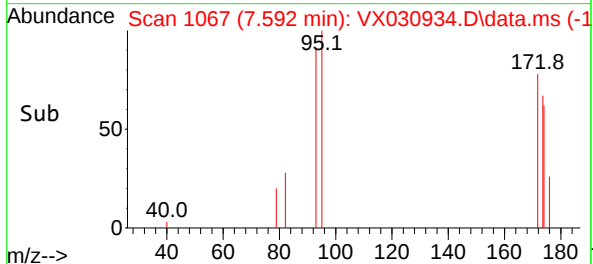
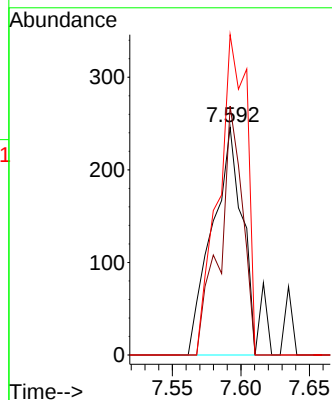
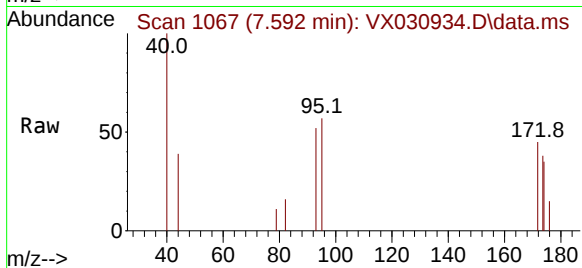




#46
Dibromomethane
Concen: 0.207 ug/l
RT: 7.592 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VX030934.D
Acq: 30 Aug 2022 12:14

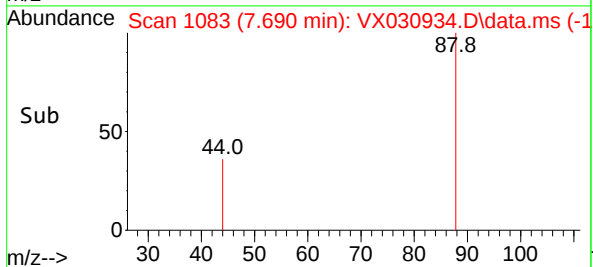
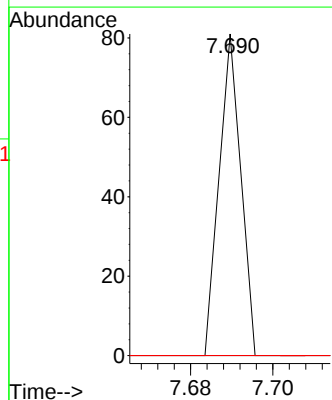
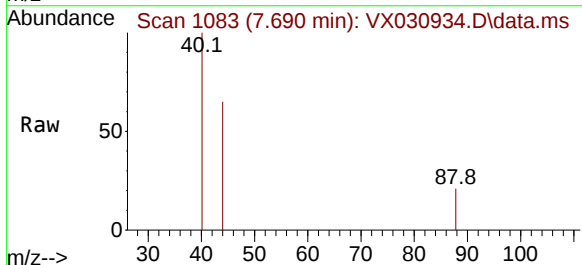
Instrument :
MSVOA_X
ClientSampleId :
IBLK

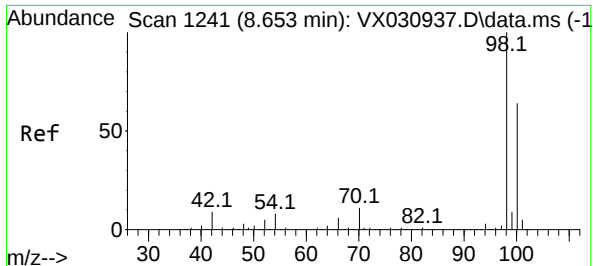
Tgt Ion: 93 Resp: 401
Ion Ratio Lower Upper
93 100
95 78.3 67.4 101.0
174 123.7 75.6 113.4#



#49
1,4-Dioxane
Concen: 0.379 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.013 min
Lab File: VX030934.D
Acq: 30 Aug 2022 12:14

Tgt Ion: 88 Resp: 30
Ion Ratio Lower Upper
88 100
43 0.0 23.8 35.8#
58 0.0 53.8 80.6#

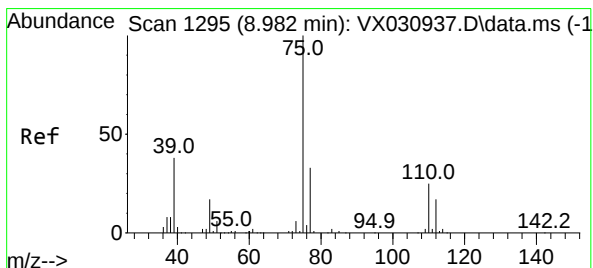
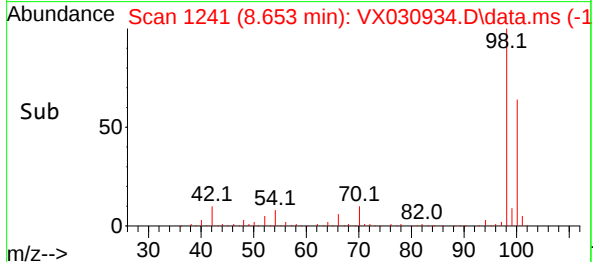
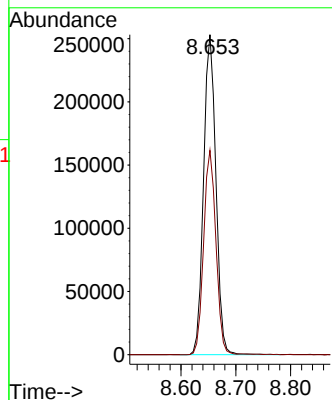
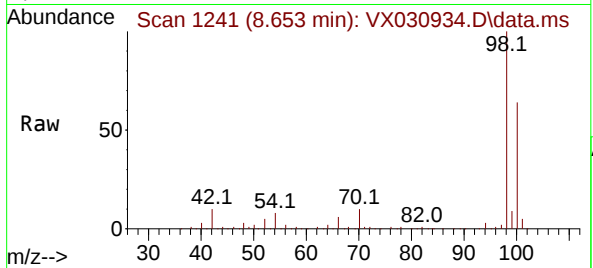




#50
Toluene-d8
Concen: 42.893 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030934.D
Acq: 30 Aug 2022 12:14

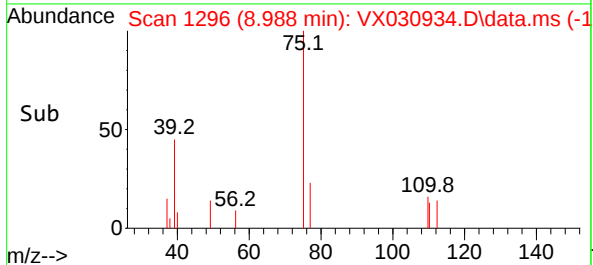
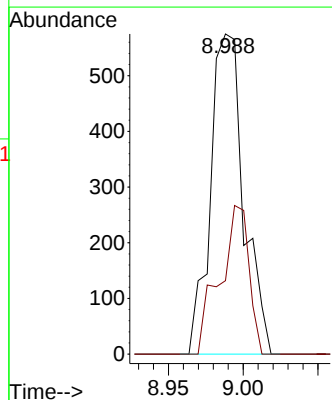
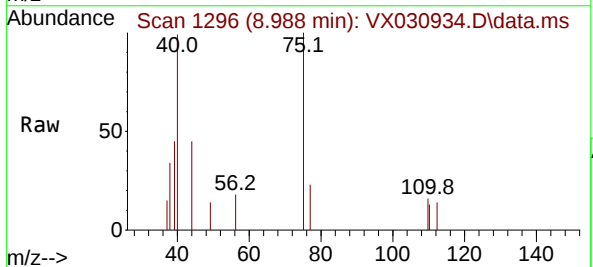
Instrument :
MSVOA_X
ClientSampleId :
IBLK

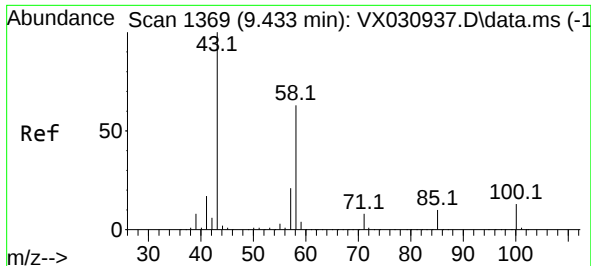
Tgt Ion: 98 Resp: 394547
Ion Ratio Lower Upper
98 100
100 63.8 52.3 78.5



#53
t-1,3-Dichloropropene
Concen: 0.237 ug/l
RT: 8.988 min Scan# 1296
Delta R.T. 0.006 min
Lab File: VX030934.D
Acq: 30 Aug 2022 12:14

Tgt Ion: 75 Resp: 891
Ion Ratio Lower Upper
75 100
77 23.0 26.3 39.5#





#59

2-Hexanone

Concen: 0.322 ug/l

RT: 9.433 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX030934.D

Acq: 30 Aug 2022 12:14

Instrument :

MSVOA_X

ClientSampleId :

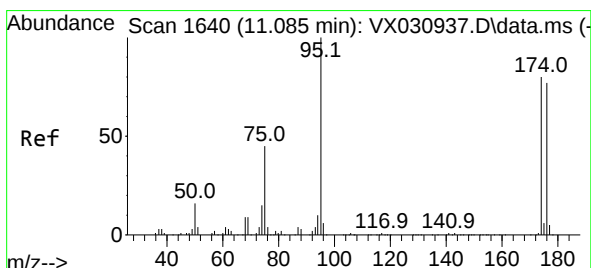
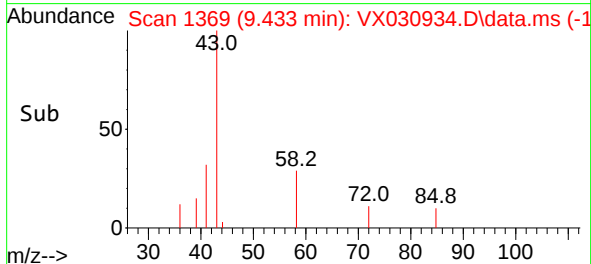
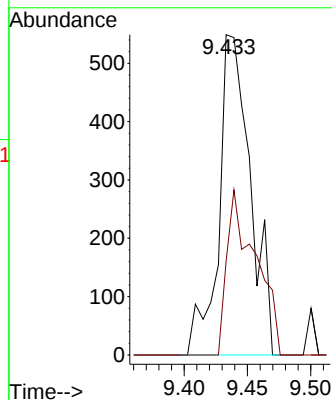
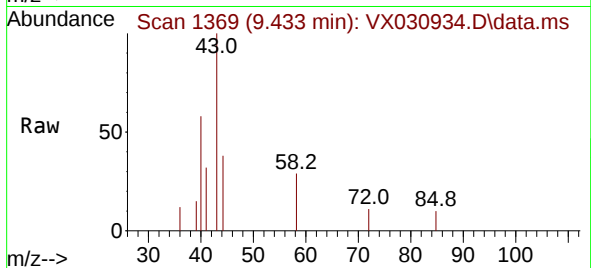
IBLK

Tgt Ion: 43 Resp: 952

Ion Ratio Lower Upper

43 100

58 47.1 27.6 82.8



#62

4-Bromofluorobenzene

Concen: 40.439 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX030934.D

Acq: 30 Aug 2022 12:14

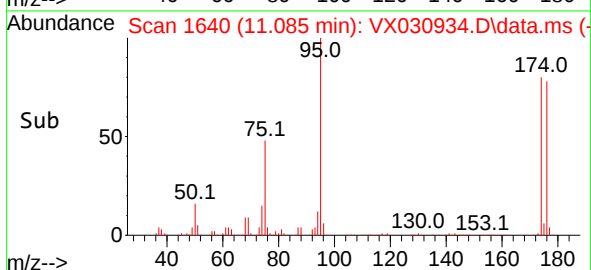
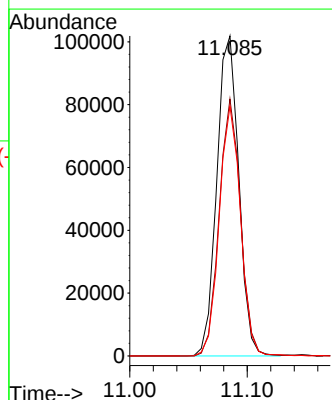
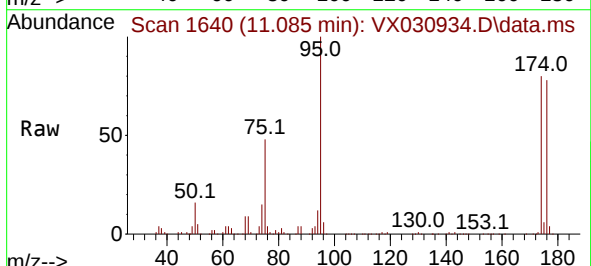
Tgt Ion: 95 Resp: 132462

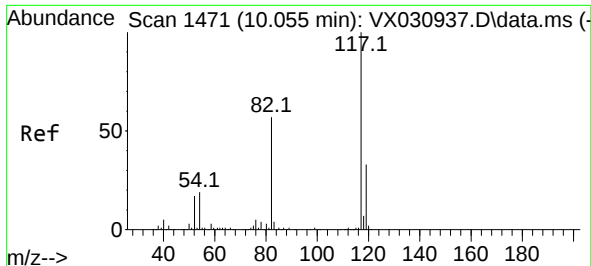
Ion Ratio Lower Upper

95 100

174 77.9 0.0 149.0

176 75.7 0.0 146.0

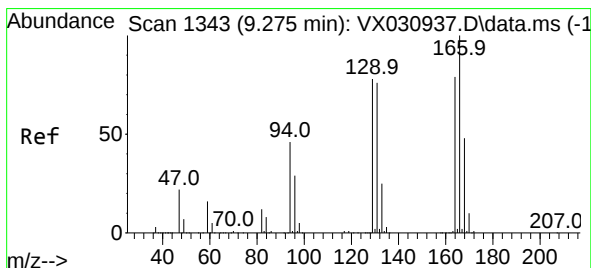
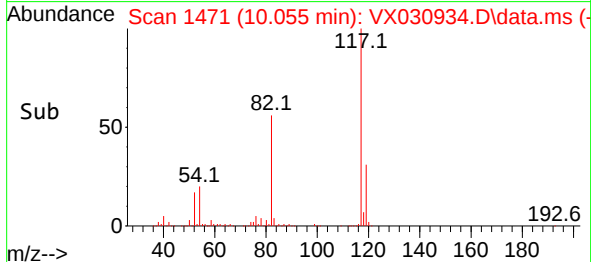
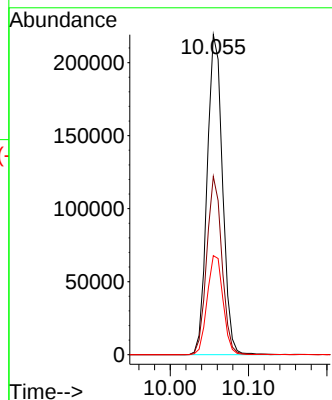
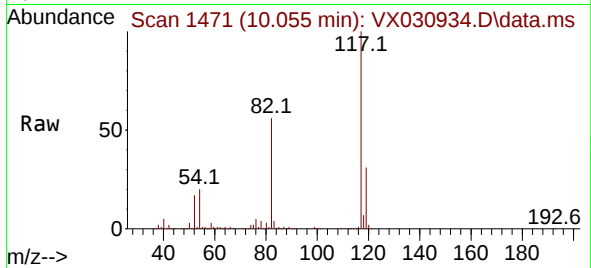




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030934.D
Acq: 30 Aug 2022 12:14

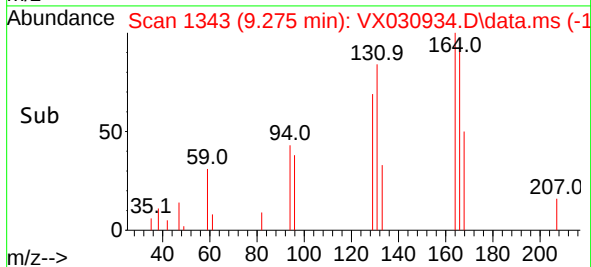
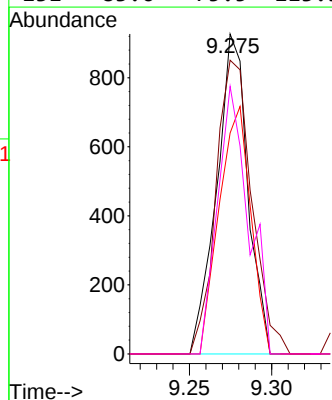
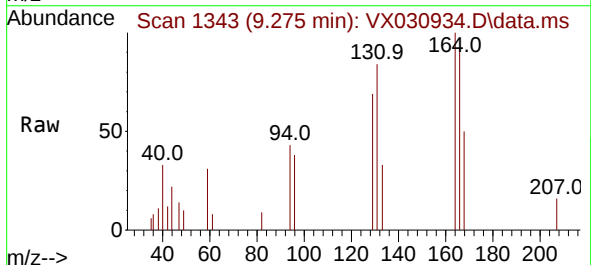
Instrument :
MSVOA_X
ClientSampleId :
IBLK

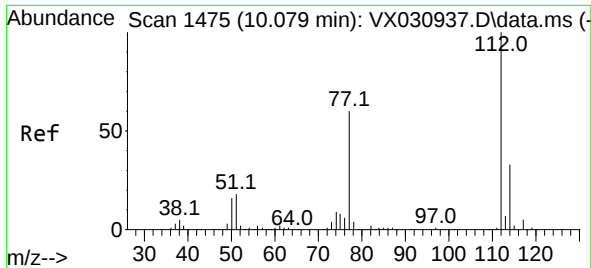
Tgt Ion:117 Resp: 298172
Ion Ratio Lower Upper
117 100
82 55.7 42.7 64.1
119 31.0 25.4 38.2



#64
Tetrachloroethene
Concen: 0.434 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX030934.D
Acq: 30 Aug 2022 12:14

Tgt Ion:164 Resp: 1224
Ion Ratio Lower Upper
164 100
166 91.8 98.2 147.4#
129 69.0 80.8 121.2#
131 83.6 75.5 113.3

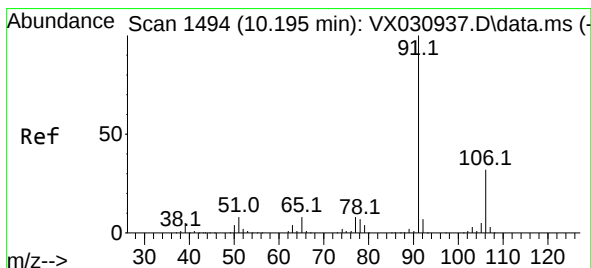
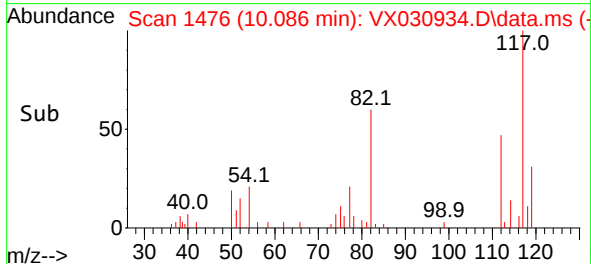
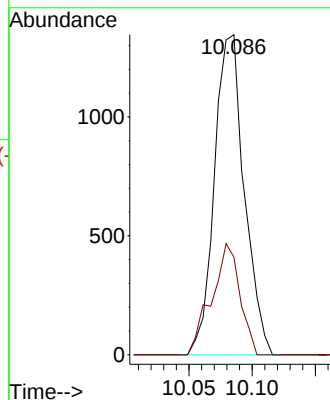
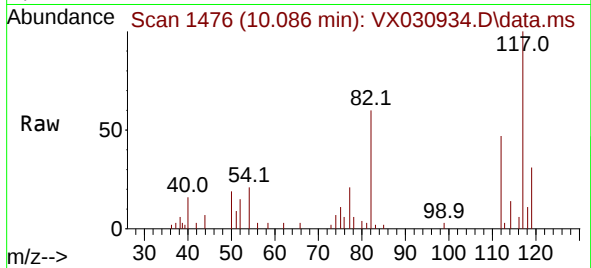




#65
Chlorobenzene
Concen: 0.313 ug/l
RT: 10.086 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VX030934.D
Acq: 30 Aug 2022 12:14

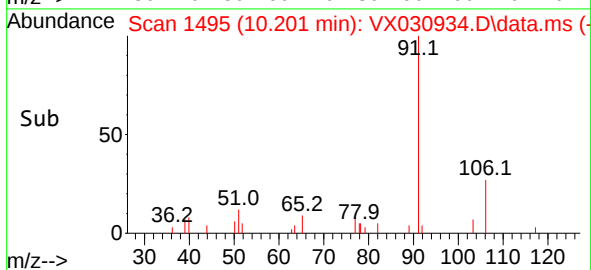
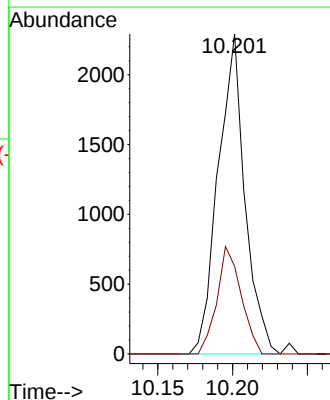
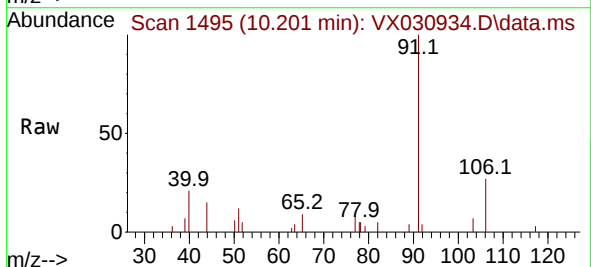
Instrument :
MSVOA_X
ClientSampleId :
IBLK

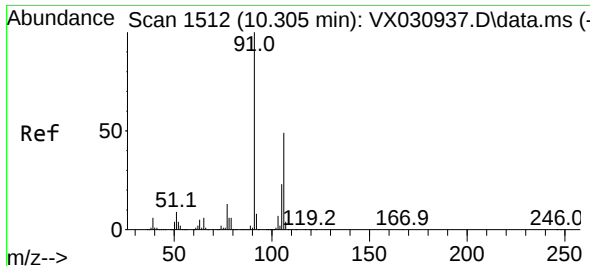
Tgt Ion:112 Resp: 2208
Ion Ratio Lower Upper
112 100
114 30.5 24.6 36.8



#67
Ethyl Benzene
Concen: 0.227 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX030934.D
Acq: 30 Aug 2022 12:14

Tgt Ion: 91 Resp: 2845
Ion Ratio Lower Upper
91 100
106 27.4 25.5 38.3

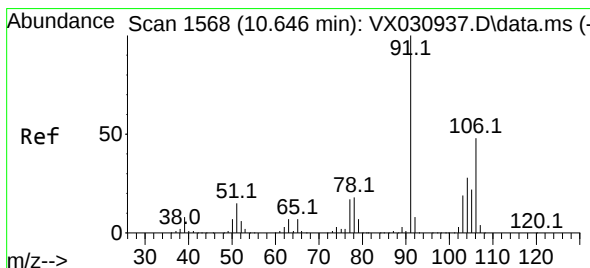
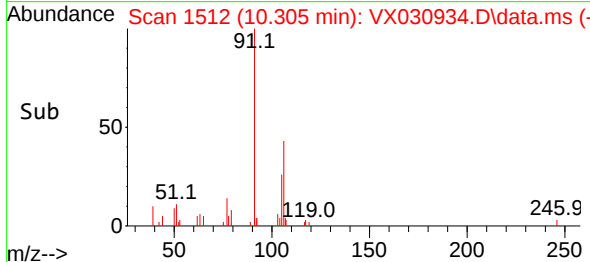
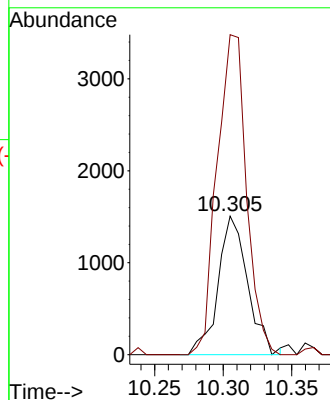
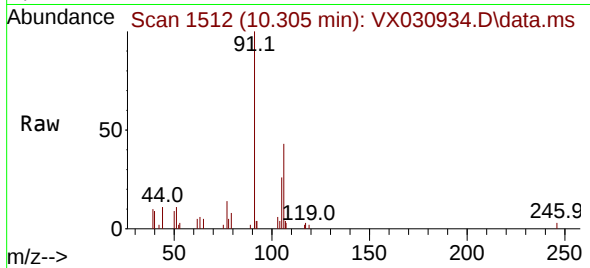




#68
m/p-Xylenes
Concen: 0.478 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX030934.D
Acq: 30 Aug 2022 12:14

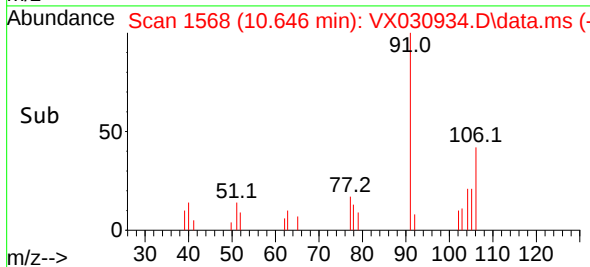
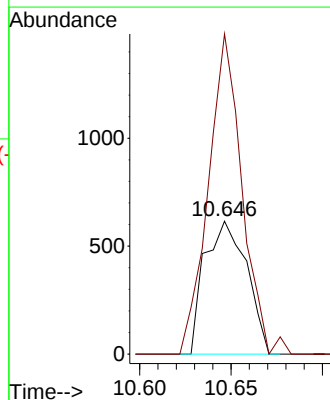
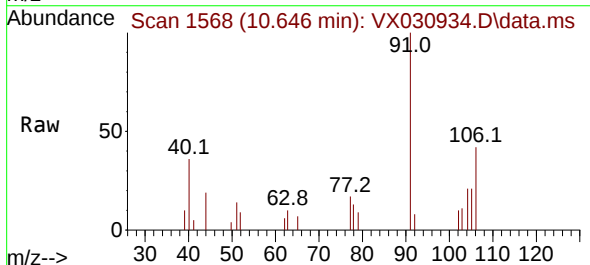
Instrument :
MSVOA_X
ClientSampleId :
IBLK

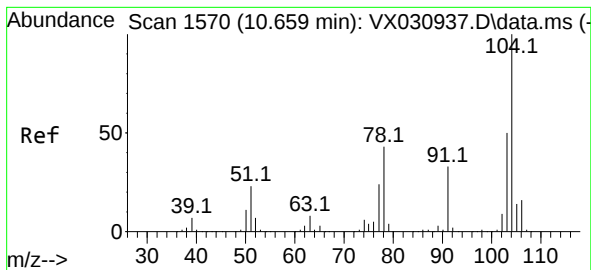
Tgt Ion:106 Resp: 2262
Ion Ratio Lower Upper
106 100
91 230.3 158.2 237.4



#69
o-Xylene
Concen: 0.212 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX030934.D
Acq: 30 Aug 2022 12:14

Tgt Ion:106 Resp: 984
Ion Ratio Lower Upper
106 100
91 193.6 103.8 311.6





#70

Styrene

Concen: 0.210 ug/l

RT: 10.665 min Scan# 1570

Delta R.T. 0.006 min

Lab File: VX030934.D

Acq: 30 Aug 2022 12:14

Instrument :

MSVOA_X

ClientSampleId :

IBLK

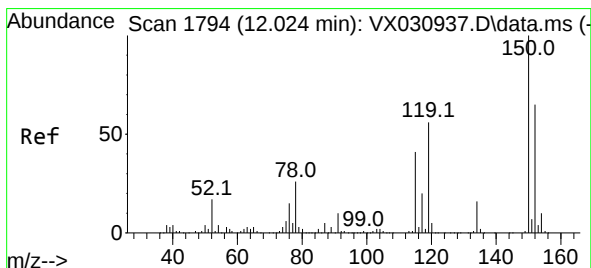
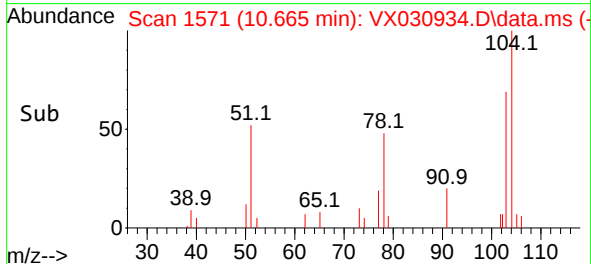
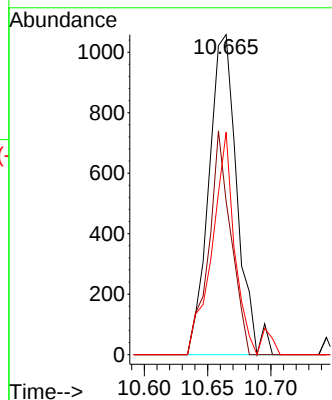
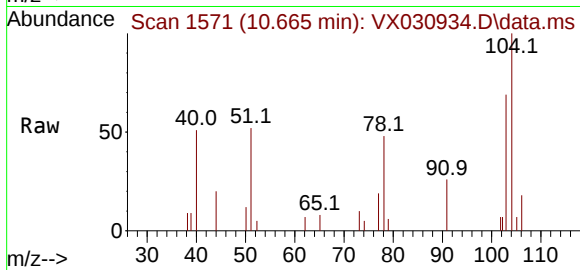
Tgt Ion:104 Resp: 1643

Ion Ratio Lower Upper

104 100

78 54.5 37.8 56.8

103 55.1 44.5 66.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX030934.D

Acq: 30 Aug 2022 12:14

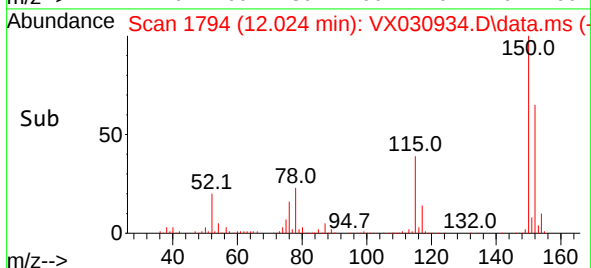
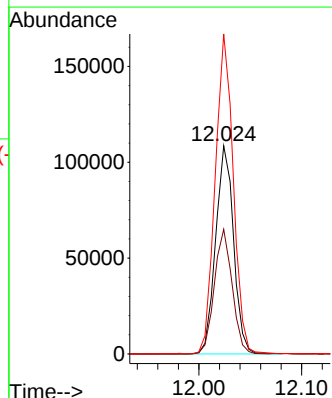
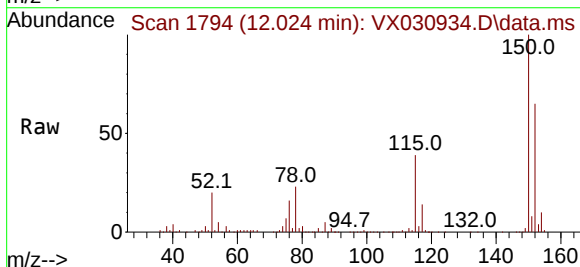
Tgt Ion:152 Resp: 131035

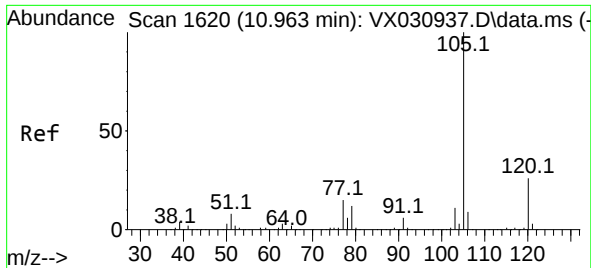
Ion Ratio Lower Upper

152 100

115 59.6 40.5 121.5

150 155.4 0.0 347.0

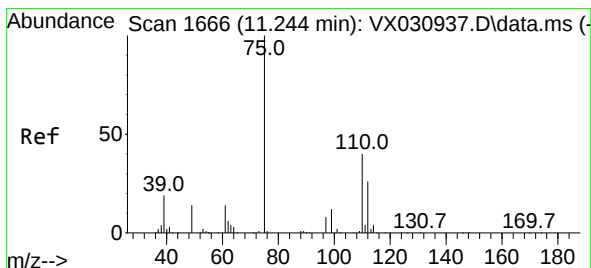
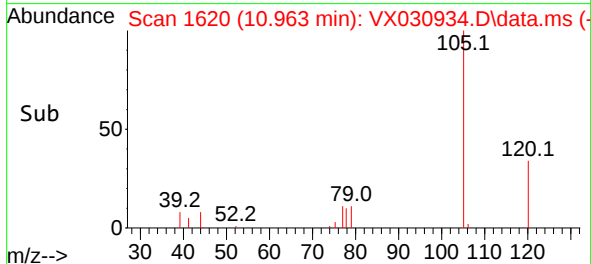
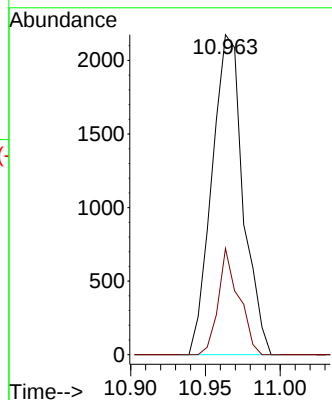
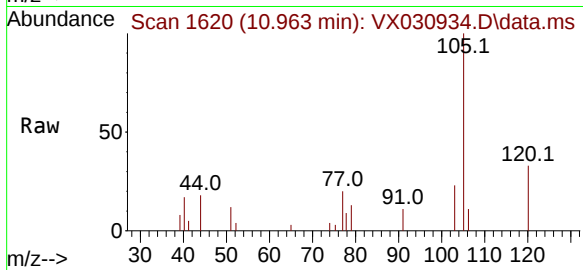




#73
Isopropylbenzene
Concen: 0.304 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX030934.D
Acq: 30 Aug 2022 12:14

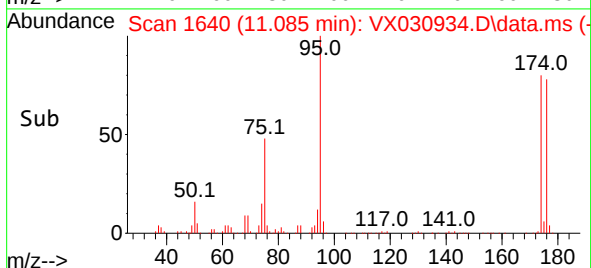
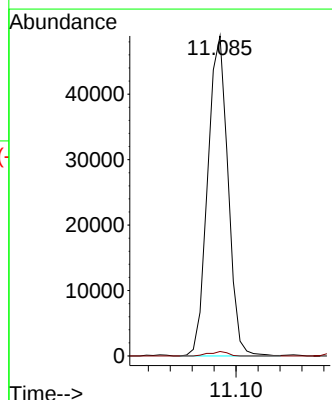
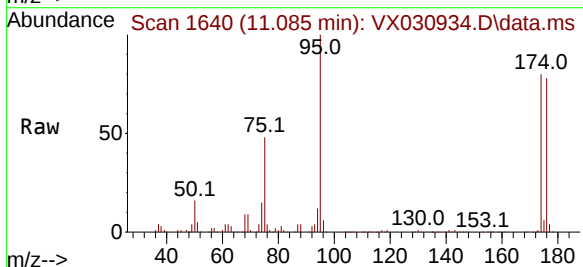
Instrument :
MSVOA_X
ClientSampleId :
IBLK

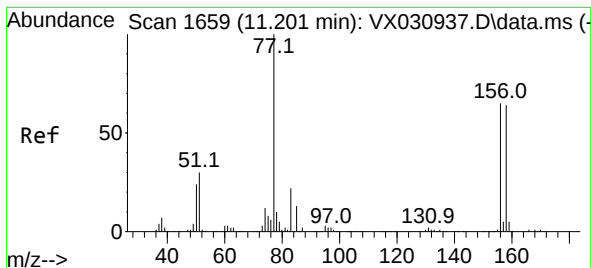
Tgt Ion:105 Resp: 3155
Ion Ratio Lower Upper
105 100
120 21.9 13.5 40.4



#76
1,2,3-Trichloropropane
Concen: 19.487 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX030934.D
Acq: 30 Aug 2022 12:14

Tgt Ion: 75 Resp: 62863
Ion Ratio Lower Upper
75 100
77 1.2 19.8 59.3#





#77

Bromobenzene

Concen: 0.348 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX030934.D

Acq: 30 Aug 2022 12:14

Instrument :

MSVOA_X

ClientSampleId :

IBLK

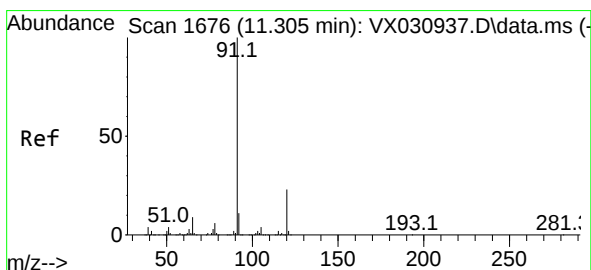
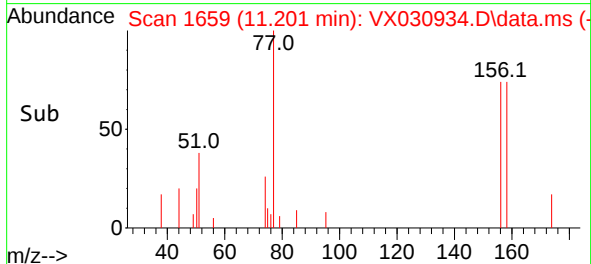
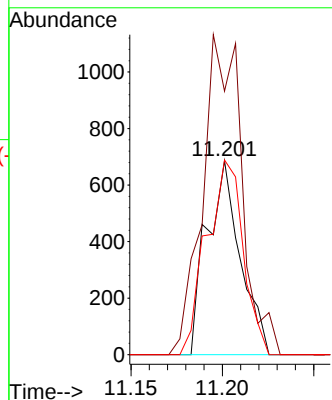
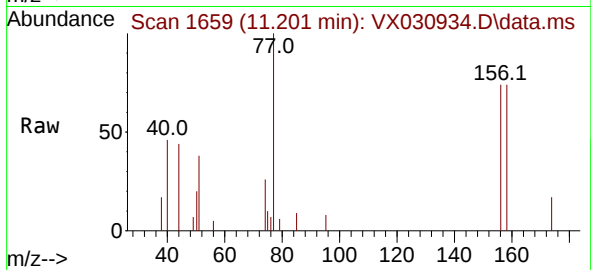
Tgt Ion:156 Resp: 873

Ion Ratio Lower Upper

156 100

77 192.4 82.7 247.9

158 109.4 47.5 142.5



#78

n-propylbenzene

Concen: 0.365 ug/l

RT: 11.311 min Scan# 1677

Delta R.T. 0.006 min

Lab File: VX030934.D

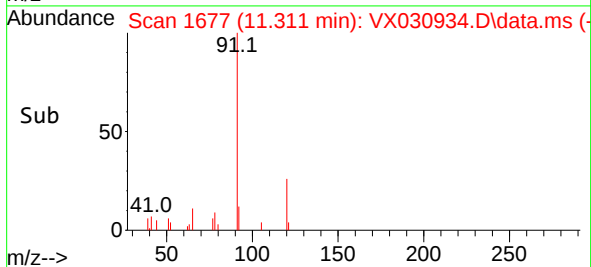
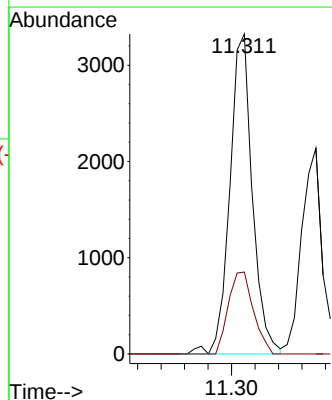
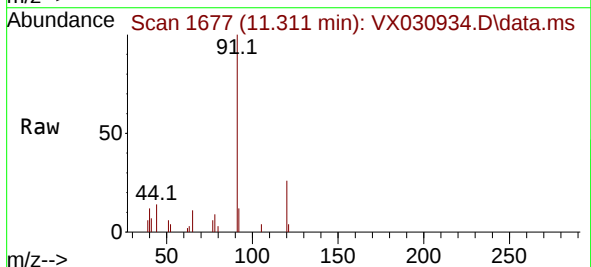
Acq: 30 Aug 2022 12:14

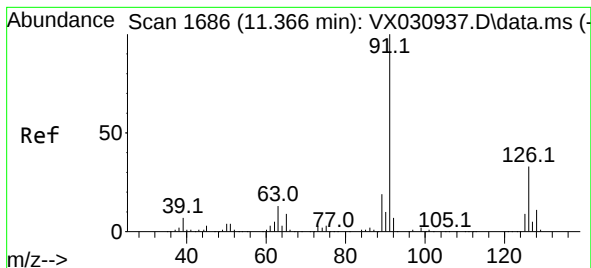
Tgt Ion: 91 Resp: 4431

Ion Ratio Lower Upper

91 100

120 28.4 11.6 34.8





#79

2-Chlorotoluene

Concen: 0.346 ug/l

RT: 11.372 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX030934.D

Acq: 30 Aug 2022 12:14

Instrument :

MSVOA_X

ClientSampleId :

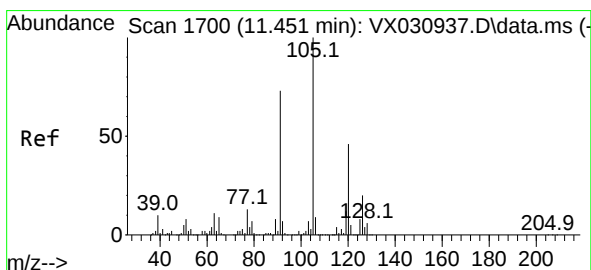
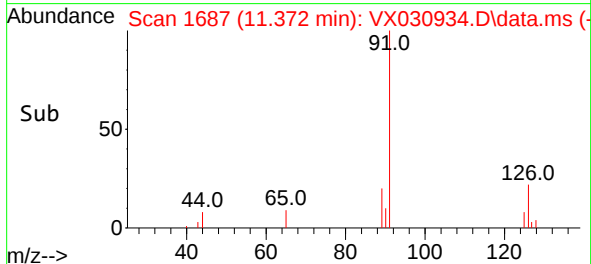
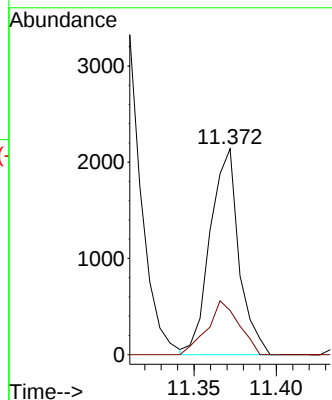
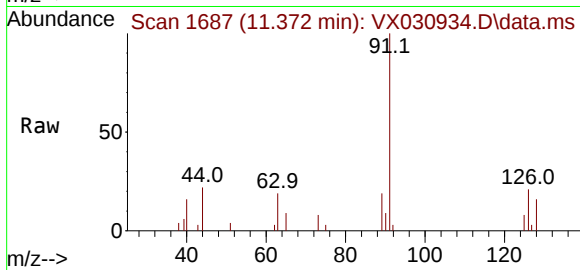
IBLK

Tgt Ion: 91 Resp: 2609

Ion Ratio Lower Upper

91 100

126 28.7 17.4 52.3



#80

1,3,5-Trimethylbenzene

Concen: 0.353 ug/l

RT: 11.457 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VX030934.D

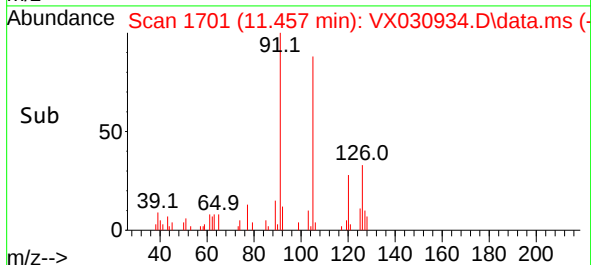
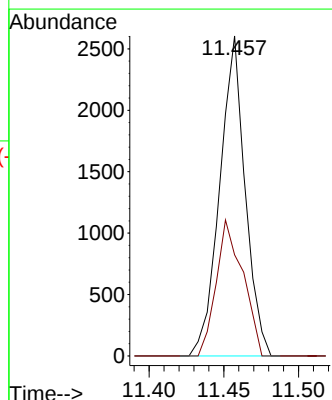
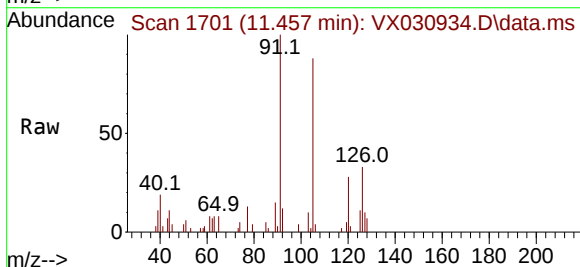
Acq: 30 Aug 2022 12:14

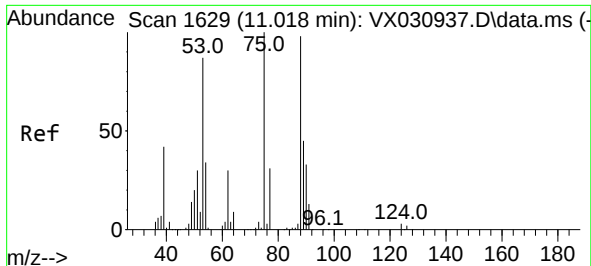
Tgt Ion: 105 Resp: 3082

Ion Ratio Lower Upper

105 100

120 44.5 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 57.937 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.061 min

Lab File: VX030934.D

Acq: 30 Aug 2022 12:14

Instrument :

MSVOA_X

ClientSampleId :

IBLK

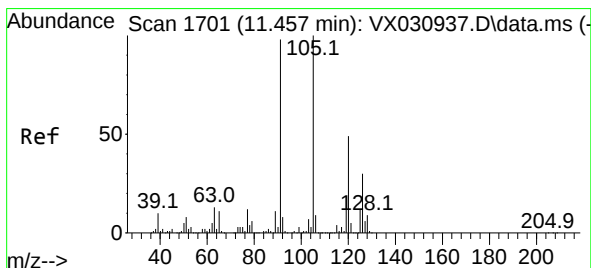
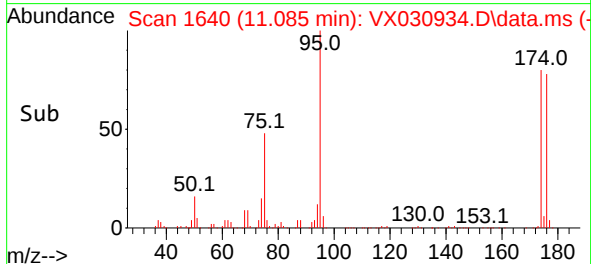
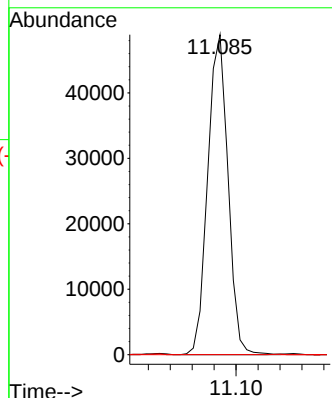
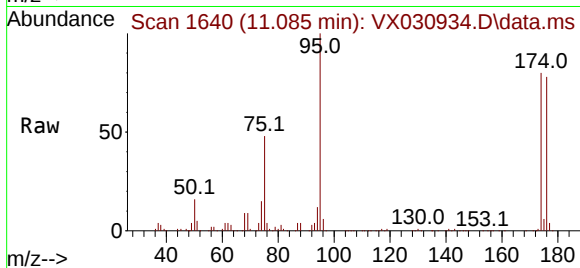
Tgt Ion: 75 Resp: 62863

Ion Ratio Lower Upper

75 100

53 0.0 74.2 111.4#

89 0.0 34.8 52.2#



#82

4-Chlorotoluene

Concen: 0.495 ug/l

RT: 11.457 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VX030934.D

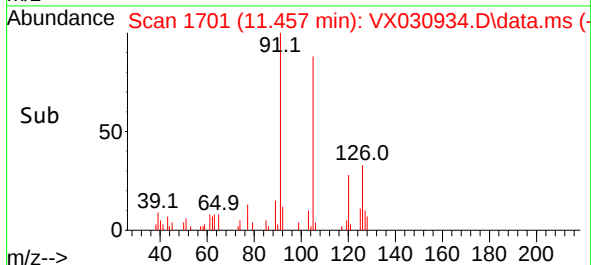
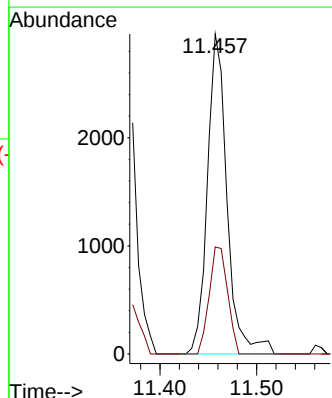
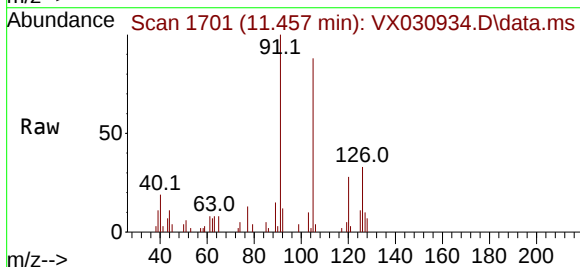
Acq: 30 Aug 2022 12:14

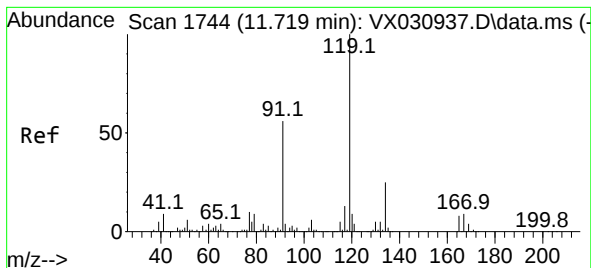
Tgt Ion: 91 Resp: 4176

Ion Ratio Lower Upper

91 100

126 31.2 15.3 45.9





#83

tert-Butylbenzene

Concen: 0.305 ug/l

RT: 11.719 min Scan# 1744

Delta R.T. 0.000 min

Lab File: VX030934.D

Acq: 30 Aug 2022 12:14

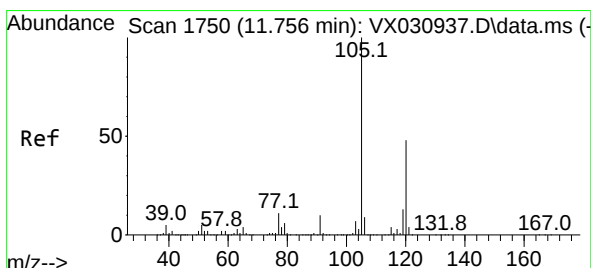
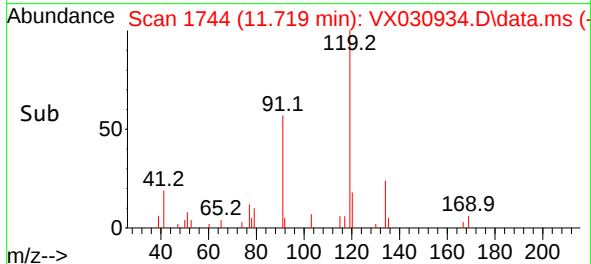
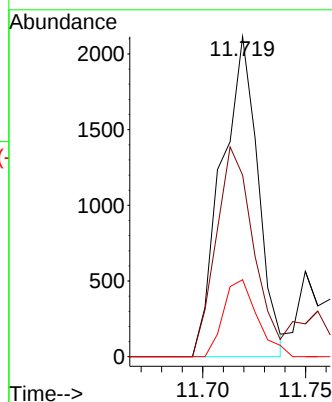
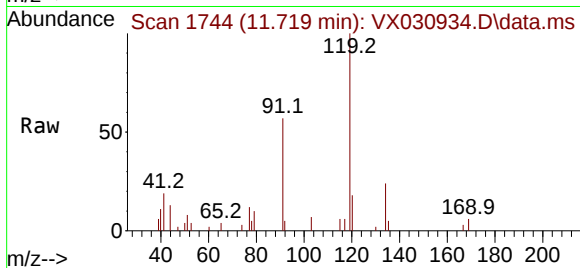
Instrument :

MSVOA_X

ClientSampleId :

IBLK

Tgt Ion:	119	Resp:	2614
Ion	Ratio	Lower	Upper
119	100		
91	67.4	28.3	84.9
134	22.4	11.2	33.5



#84

1,2,4-Trimethylbenzene

Concen: 0.338 ug/l

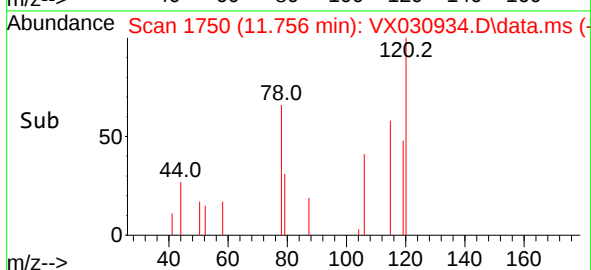
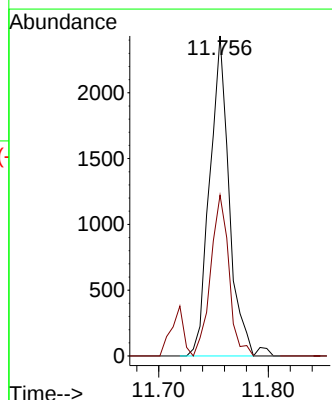
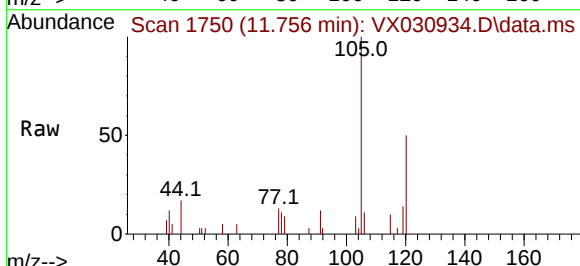
RT: 11.756 min Scan# 1750

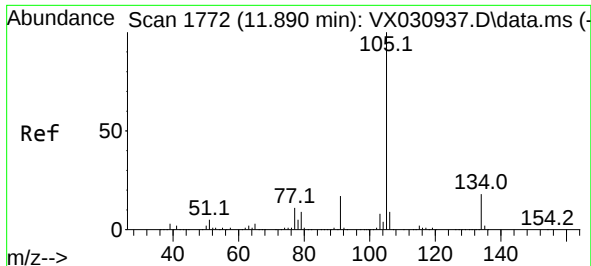
Delta R.T. -0.000 min

Lab File: VX030934.D

Acq: 30 Aug 2022 12:14

Tgt Ion:	105	Resp:	3019
Ion	Ratio	Lower	Upper
105	100		
120	46.7	22.9	68.8

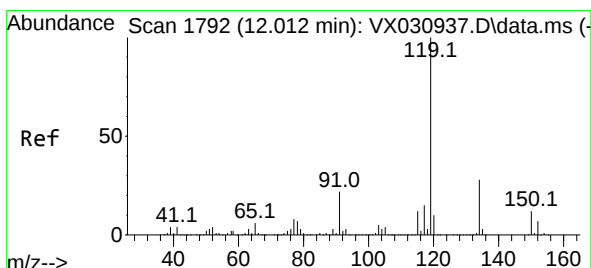
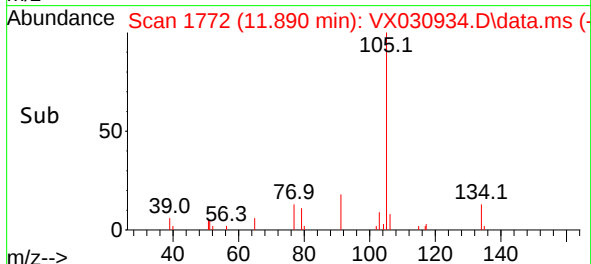
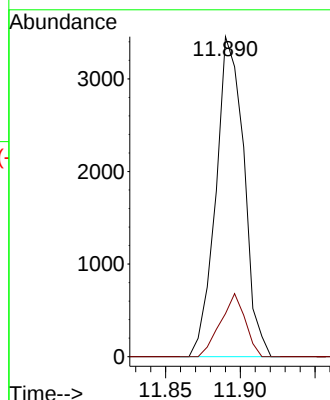
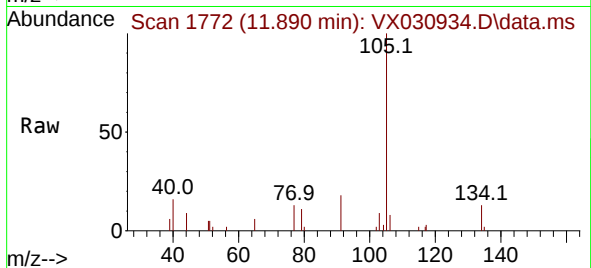




#85
 sec-Butylbenzene
 Concen: 0.405 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.006 min
 Lab File: VX030934.D
 Acq: 30 Aug 2022 12:14

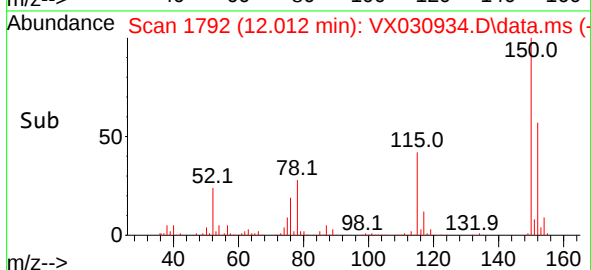
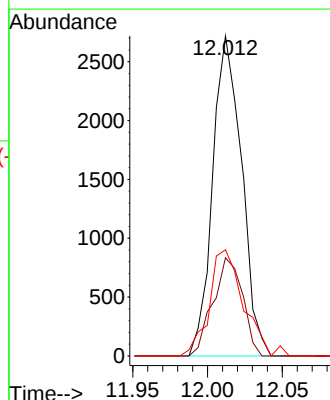
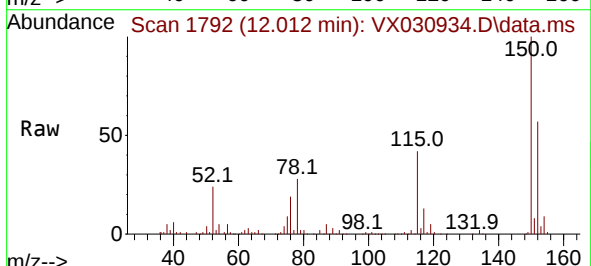
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

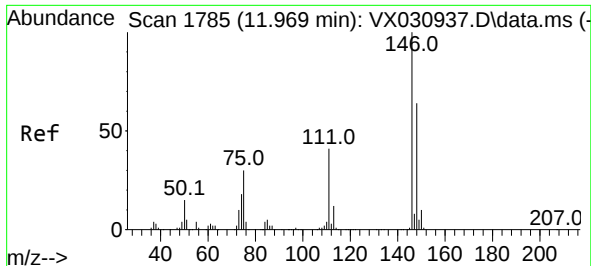
Tgt Ion:105 Resp: 4510
 Ion Ratio Lower Upper
 105 100
 134 17.3 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 0.397 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX030934.D
 Acq: 30 Aug 2022 12:14

Tgt Ion:119 Resp: 3663
 Ion Ratio Lower Upper
 119 100
 134 31.3 13.9 41.6
 91 39.3 11.8 35.3#

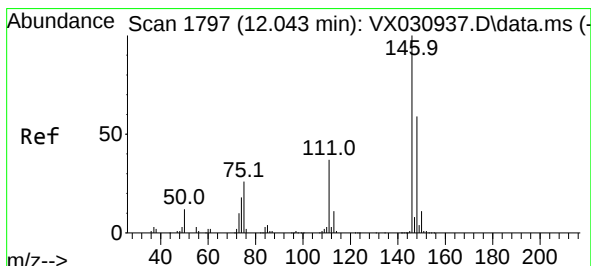
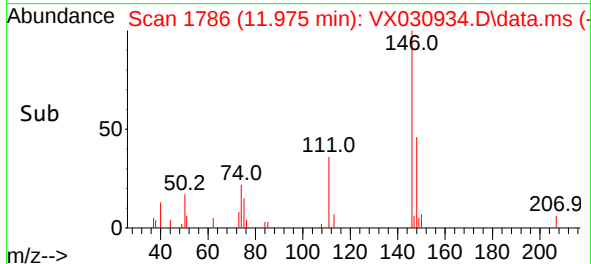
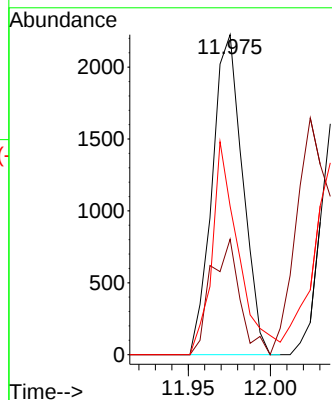
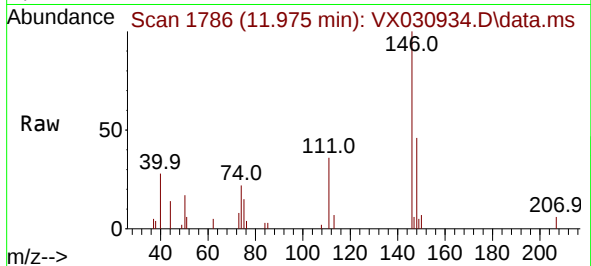




#87
1,3-Dichlorobenzene
Concen: 0.580 ug/l
RT: 11.975 min Scan# 1786
Delta R.T. 0.006 min
Lab File: VX030934.D
Acq: 30 Aug 2022 12:14

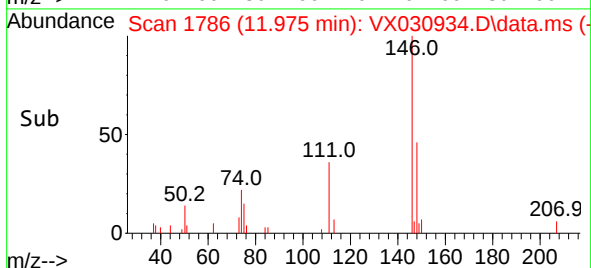
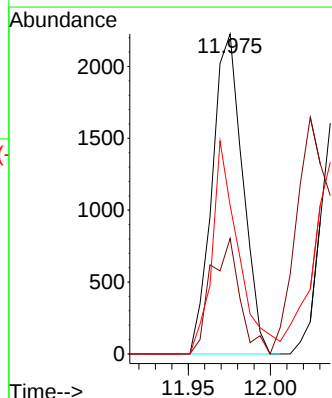
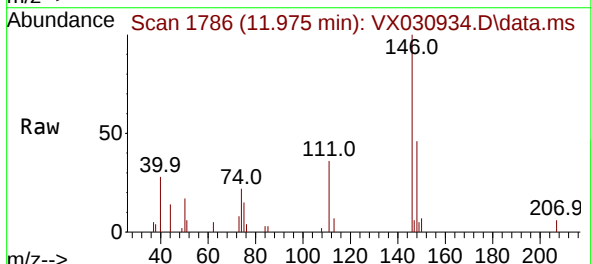
Instrument :
MSVOA_X
ClientSampleId :
IBLK

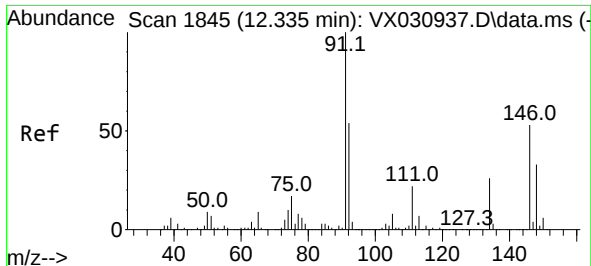
Tgt Ion:146 Resp: 2873
Ion Ratio Lower Upper
146 100
111 34.2 20.3 60.8
148 57.9 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 0.566 ug/l
RT: 11.975 min Scan# 1786
Delta R.T. -0.068 min
Lab File: VX030934.D
Acq: 30 Aug 2022 12:14

Tgt Ion:146 Resp: 2873
Ion Ratio Lower Upper
146 100
111 34.2 20.3 60.9
148 57.9 32.3 96.8





#89

n-Butylbenzene

Concen: 0.527 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX030934.D

Acq: 30 Aug 2022 12:14

Instrument :

MSVOA_X

ClientSampleId :

IBLK

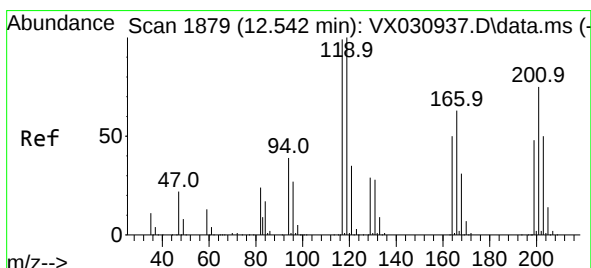
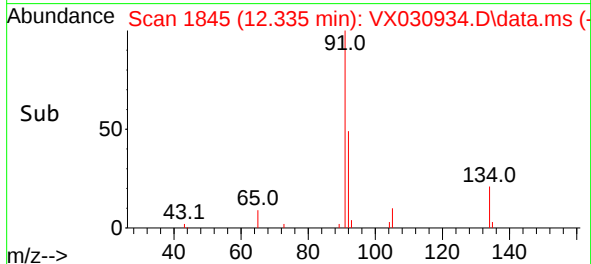
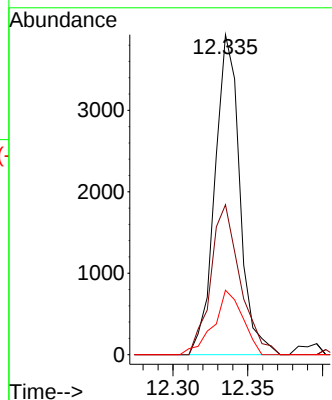
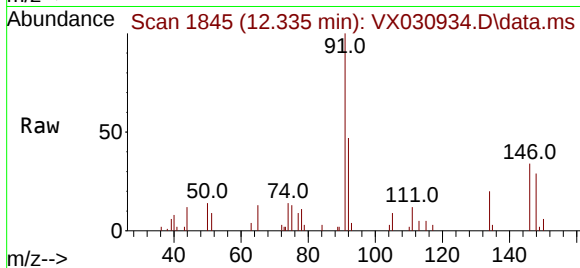
Tgt Ion: 91 Resp: 4556

Ion Ratio Lower Upper

91 100

92 55.2 26.2 78.5

134 23.5 12.6 37.8



#90

Hexachloroethane

Concen: 0.218 ug/l

RT: 12.548 min Scan# 1880

Delta R.T. 0.006 min

Lab File: VX030934.D

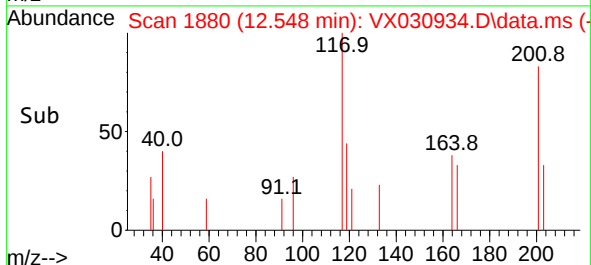
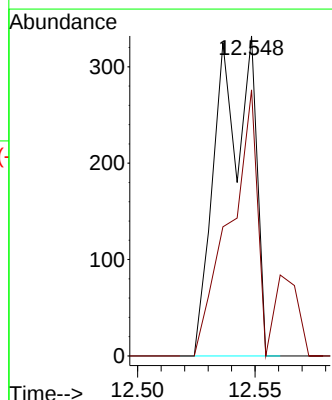
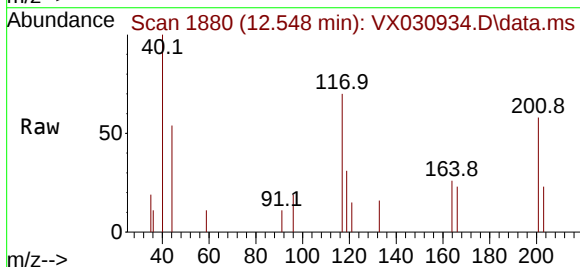
Acq: 30 Aug 2022 12:14

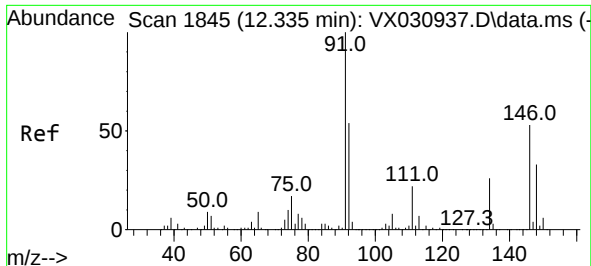
Tgt Ion: 117 Resp: 353

Ion Ratio Lower Upper

117 100

201 79.9 34.2 102.5

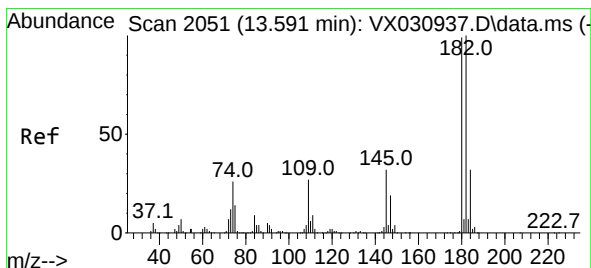
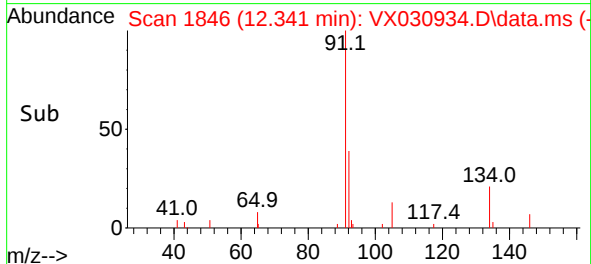
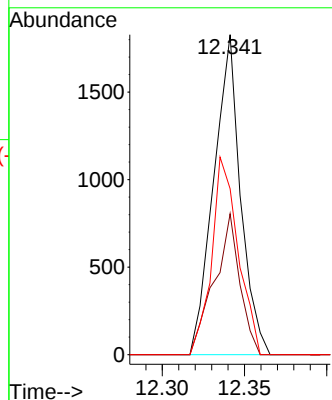
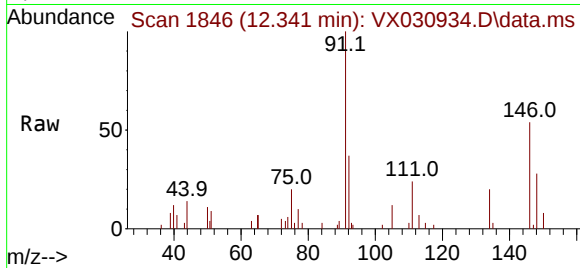




#91
1,2-Dichlorobenzene
Concen: 0.413 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX030934.D
Acq: 30 Aug 2022 12:14

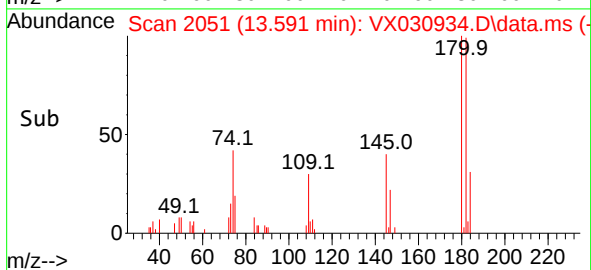
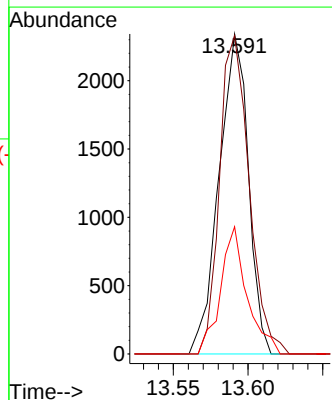
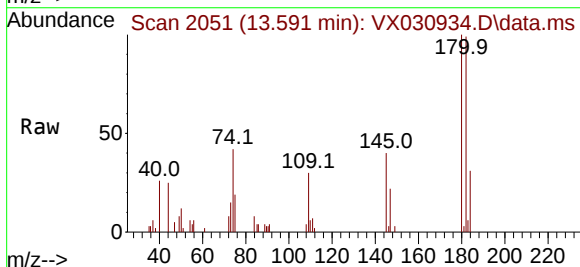
Instrument :
MSVOA_X
ClientSampleId :
IBLK

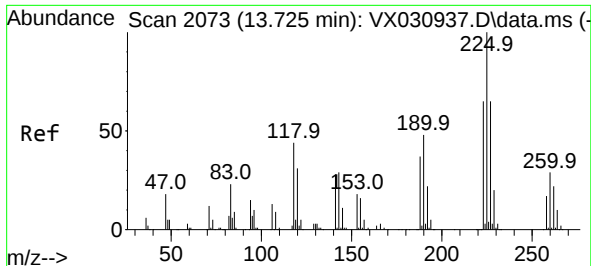
Tgt Ion:146 Resp: 2074
Ion Ratio Lower Upper
146 100
111 41.8 20.7 62.1
148 60.7 32.0 96.2



#93
1,2,4-Trichlorobenzene
Concen: 0.994 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX030934.D
Acq: 30 Aug 2022 12:14

Tgt Ion:180 Resp: 3191
Ion Ratio Lower Upper
180 100
182 100.0 48.2 144.6
145 35.9 15.9 47.6

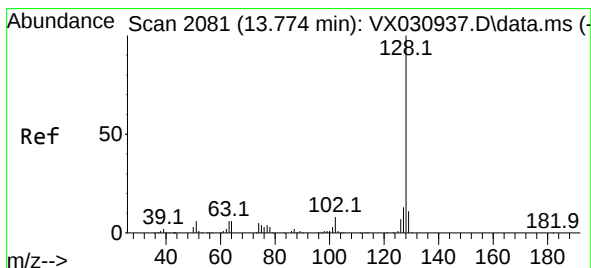
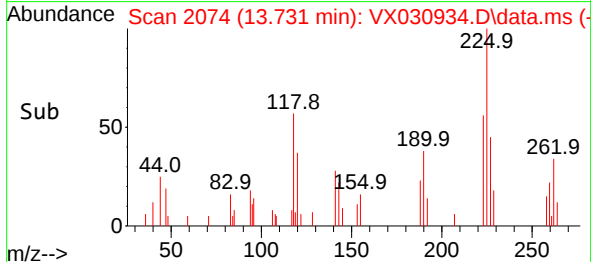
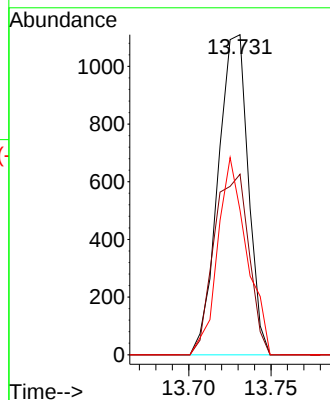
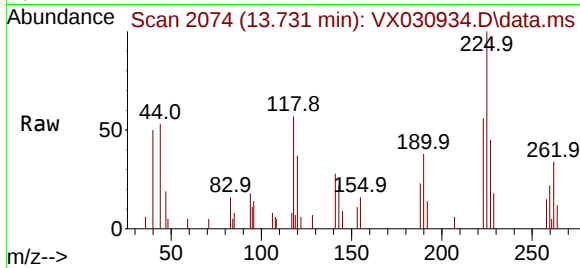




#94
Hexachlorobutadiene
Concen: 1.038 ug/l
RT: 13.731 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VX030934.D
Acq: 30 Aug 2022 12:14

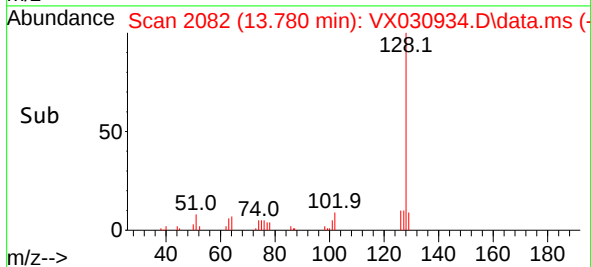
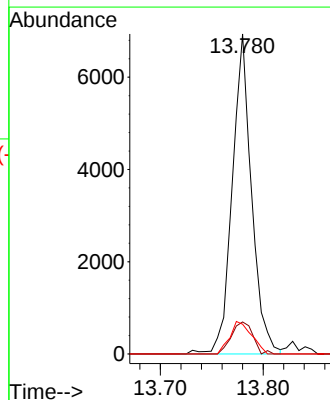
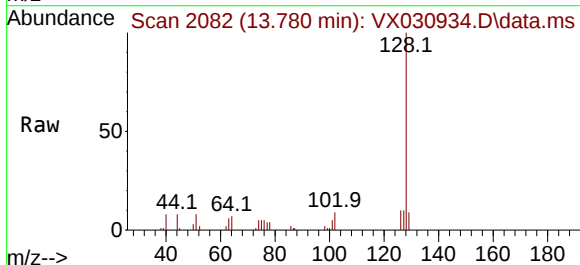
Instrument :
MSVOA_X
ClientSampleId :
IBLK

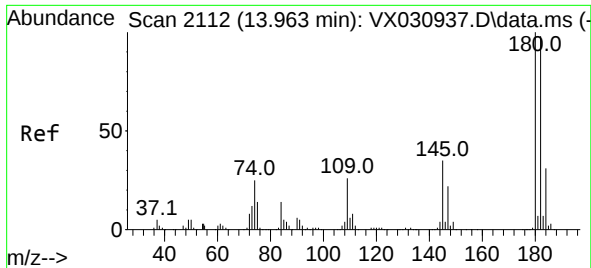
Tgt Ion:225 Resp: 1416
Ion Ratio Lower Upper
225 100
223 65.3 30.6 91.6
227 59.6 31.9 95.9



#95
Naphthalene
Concen: 0.791 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX030934.D
Acq: 30 Aug 2022 12:14

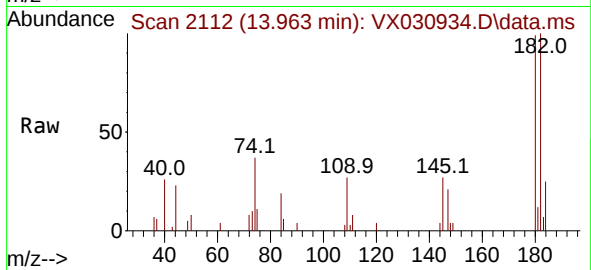
Tgt Ion:128 Resp: 9082
Ion Ratio Lower Upper
128 100
127 11.0 10.2 15.2
129 11.5 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.855 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX030934.D
 Acq: 30 Aug 2022 12:14

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK



Tgt Ion:	180	Resp:	2771
Ion	Ratio	Lower	Upper
180	100		
182	111.4	47.0	141.0
145	33.1	17.0	50.9

