

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071222\
 Data File : VX030017.D
 Acq On : 12 Jul 2022 13:53
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jul 13 09:06:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 13 09:05:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	185046	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	306503	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	263911	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109873	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	96154	42.691	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.380%
35) Dibromofluoromethane	5.391	113	89180	45.545	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.100%
50) Toluene-d8	8.653	98	347959	47.250	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.500%
62) 4-Bromofluorobenzene	11.085	95	113853	44.551	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.100%

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.167	85	732	Below Cal	#	70
3) Chloromethane	1.295	50	567	0.294	ug/l #	73
4) Vinyl Chloride	1.374	62	588	0.275	ug/l #	61
5) Bromomethane	1.618	94	767	0.843	ug/l #	47
7) Trichlorofluoromethane	1.886	101	734	0.265	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.337	101	641	0.339	ug/l	91
10) Methyl Iodide	2.453	142	1401	3.127	ug/l #	96
11) Tert butyl alcohol	2.941	59	2054	3.533	ug/l #	74
12) 1,1-Dichloroethene	2.325	96	553	0.293	ug/l #	77
13) Acrolein	2.240	56	301	2.600	ug/l #	57
14) Allyl chloride	2.666	41	848	0.257	ug/l #	70
15) Acrylonitrile	3.081	53	1387	1.050	ug/l	98
16) Acetone	2.392	43	944	0.889	ug/l #	75
17) Carbon Disulfide	2.514	76	7499	1.053	ug/l	95
20) Methylene Chloride	2.788	84	1246	Below Cal	#	80
21) trans-1,2-Dichloroethene	3.099	96	1221	0.621	ug/l	91
23) Vinyl Acetate	3.739	43	1835	0.336	ug/l #	90
25) 2-Butanone	4.593	43	1294	0.716	ug/l #	87
27) cis-1,2-Dichloroethene	4.495	96	517	0.215	ug/l	72
29) Tetrahydrofuran	5.032	42	761	0.620	ug/l #	64
31) Cyclohexane	5.477	56	882	0.270	ug/l #	84
36) 1,1-Dichloropropene	5.702	75	1210	0.478	ug/l #	75
38) Carbon Tetrachloride	5.556	117	16649	7.059	ug/l #	17
39) Methylcyclohexane	7.385	83	1065	0.332	ug/l #	75
42) 1,2-Dichloroethane	6.092	62	538	0.218	ug/l	86
44) Trichloroethene	7.129	130	1647	0.708	ug/l	98
46) Dibromomethane	7.592	93	490	0.344	ug/l #	71
49) 1,4-Dioxane	7.690	88	29	0.495	ug/l #	1
51) 4-Methyl-2-Pentanone	8.574	43	701	0.217	ug/l #	81
52) Toluene	8.726	92	1051	0.208	ug/l	79
53) t-1,3-Dichloropropene	8.982	75	774	0.288	ug/l	91
58) 2-Chloroethyl Vinyl ether	8.251	63	646	0.380	ug/l	93
59) 2-Hexanone	9.439	43	784	0.316	ug/l	89
61) 1,2-Dibromoethane	9.610	107	459	0.212	ug/l	81
64) Tetrachloroethene	9.281	164	841	0.397	ug/l #	81
65) Chlorobenzene	10.080	112	1521	0.289	ug/l #	83

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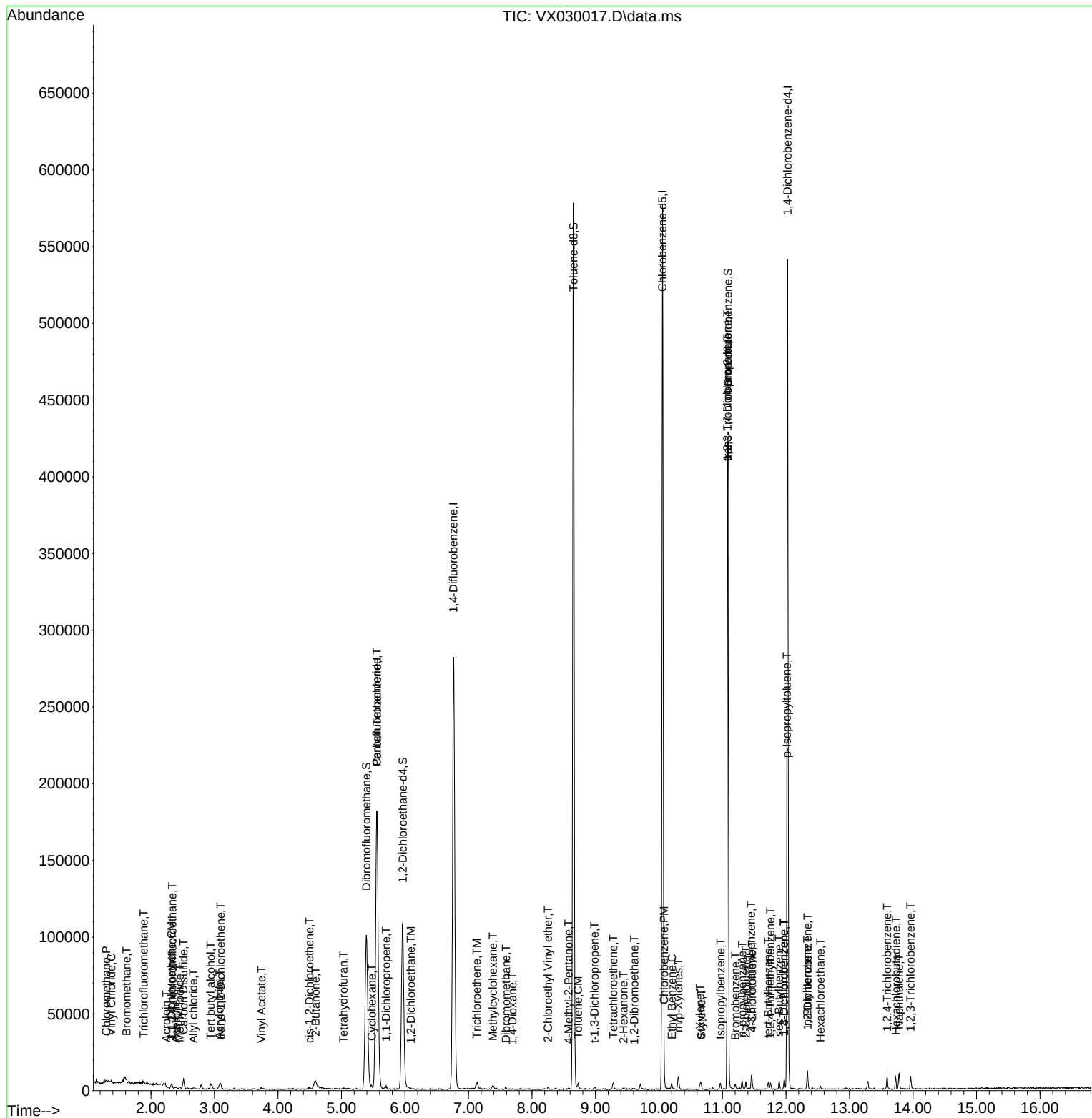
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
67) Ethyl Benzene	10.201	91	2281	0.256	ug/l	97
68) m/p-Xylenes	10.305	106	2167	0.620	ug/l	81
69) o-Xylene	10.647	106	818	0.234	ug/l	72
70) Styrene	10.665	104	1733	0.299	ug/l	97
73) Isopropylbenzene	10.970	105	2260	0.295	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	52570	20.810	ug/l #	39
77) Bromobenzene	11.201	156	716	0.374	ug/l	96
78) n-propylbenzene	11.311	91	3723	0.410	ug/l	99
79) 2-Chlorotoluene	11.366	91	1783	0.328	ug/l	86
80) 1,3,5-Trimethylbenzene	11.451	105	2174	0.337	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.079	75	52570	60.057	ug/l #	13
82) 4-Chlorotoluene	11.463	91	2932	0.481	ug/l	86
83) tert-Butylbenzene	11.720	119	1802	0.291	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	2042	0.320	ug/l	82
85) sec-Butylbenzene	11.890	105	3046	0.373	ug/l	100
86) p-Isopropyltoluene	12.012	119	2496	0.381	ug/l #	86
87) 1,3-Dichlorobenzene	11.969	146	2005	0.567	ug/l	93
88) 1,4-Dichlorobenzene	11.969	146	2005	0.552	ug/l	93
89) n-Butylbenzene	12.335	91	3686	0.627	ug/l	99
90) Hexachloroethane	12.543	117	379	0.338	ug/l #	49
91) 1,2-Dichlorobenzene	12.341	146	1619	0.451	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	2221	1.006	ug/l	97
94) Hexachlorobutadiene	13.731	225	934	1.060	ug/l	79
95) Naphthalene	13.780	128	6526	0.745	ug/l #	92
96) 1,2,3-Trichlorobenzene	13.963	180	1986	0.884	ug/l	96

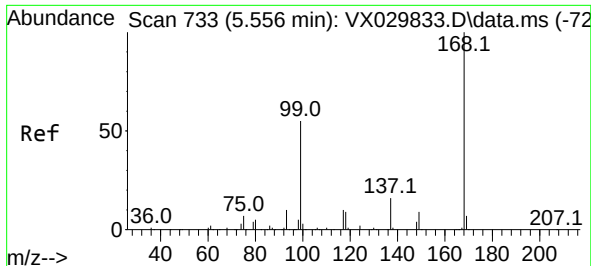
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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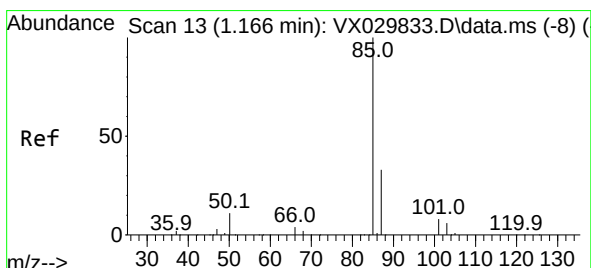
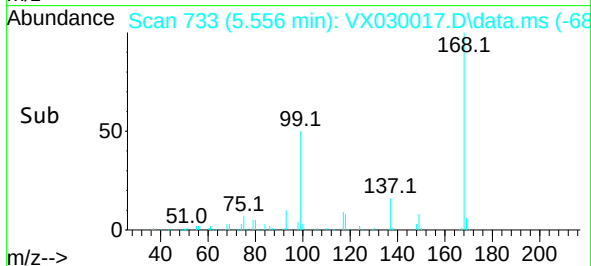
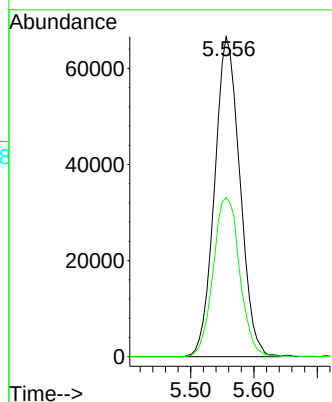
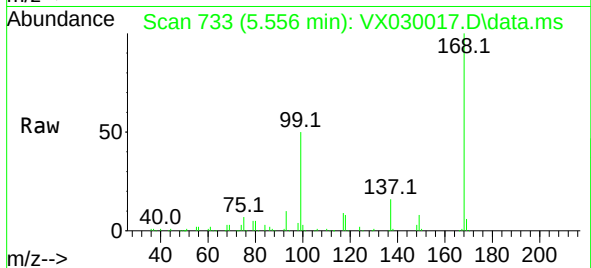




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
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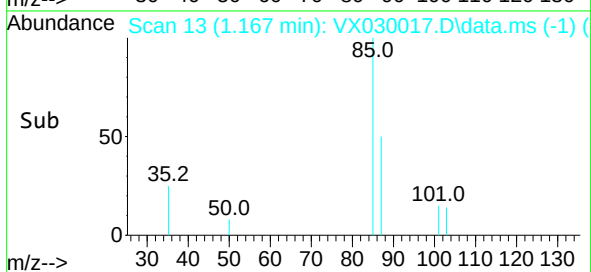
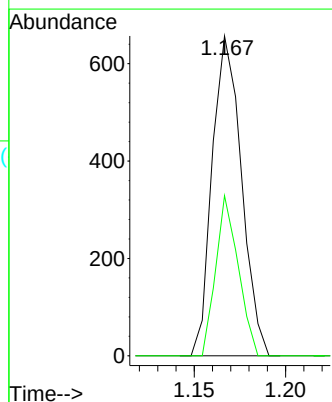
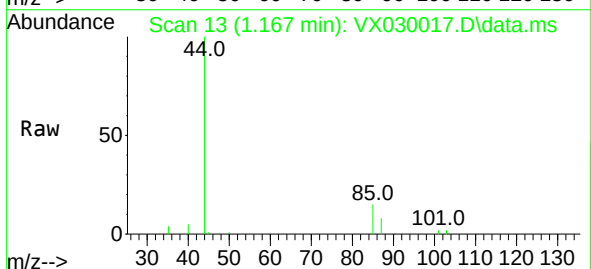
Instrument :
MSVOA_X
ClientSampleId :
IBLK

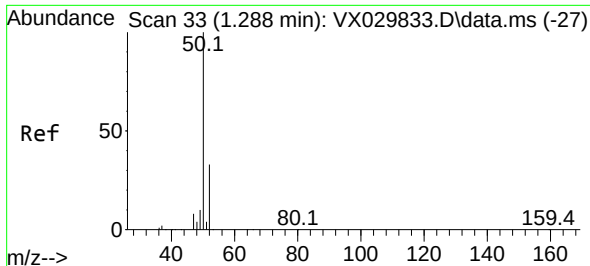
Tgt Ion:168 Resp: 185046
Ion Ratio Lower Upper
168 100
99 49.7 44.0 66.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX030017.D
Acq: 12 Jul 2022 13:53

Tgt Ion: 85 Resp: 732
Ion Ratio Lower Upper
85 100
87 50.1 16.5 49.5#

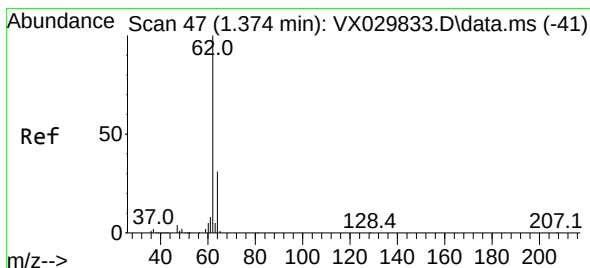
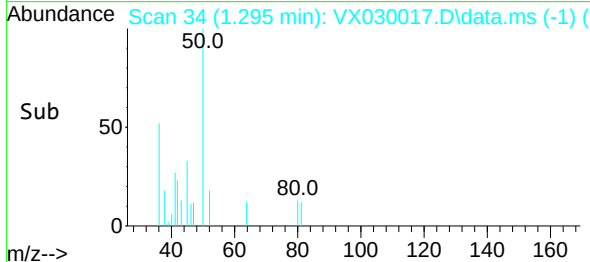
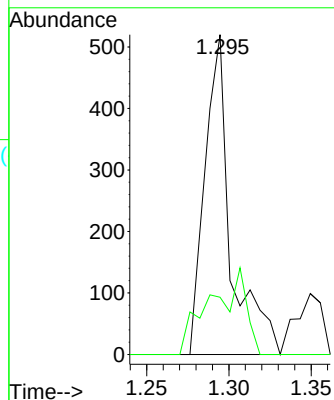
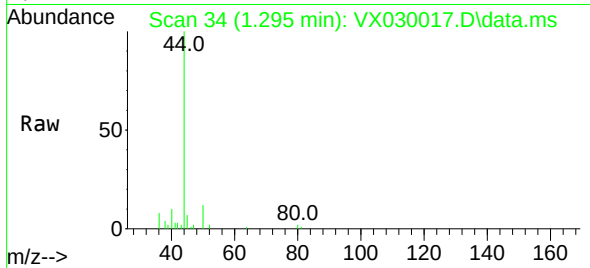




#3
Chloromethane
Concen: 0.294 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.007 min
Lab File: VX030017.D
Acq: 12 Jul 2022 13:53

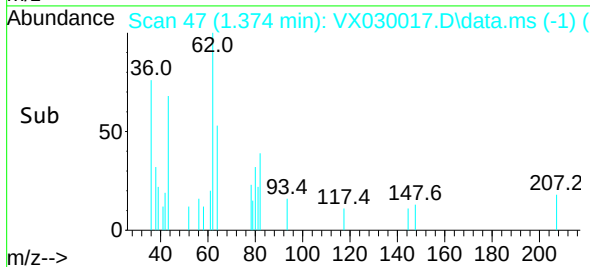
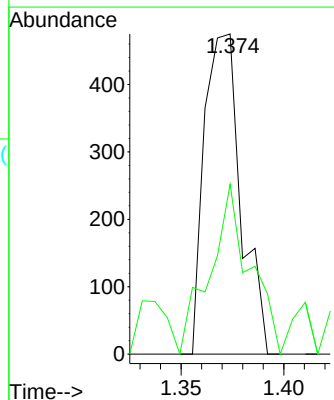
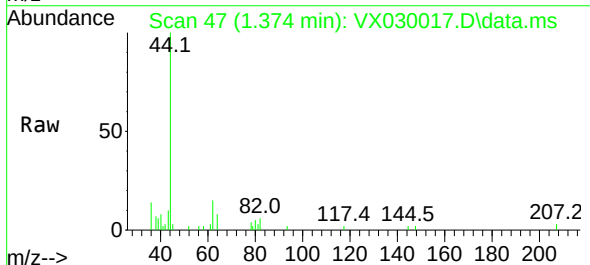
Instrument :
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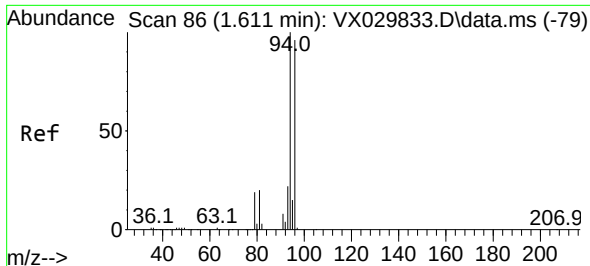
Tgt Ion: 50 Resp: 567
Ion Ratio Lower Upper
50 100
52 17.9 26.3 39.5#



#4
Vinyl Chloride
Concen: 0.275 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX030017.D
Acq: 12 Jul 2022 13:53

Tgt Ion: 62 Resp: 588
Ion Ratio Lower Upper
62 100
64 53.1 25.2 37.8#

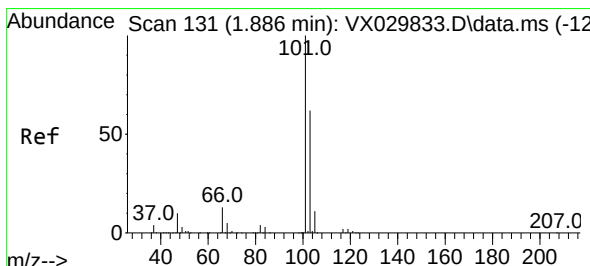
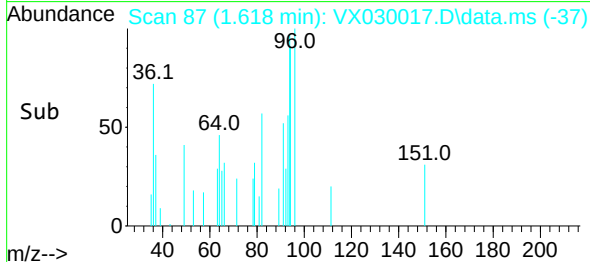
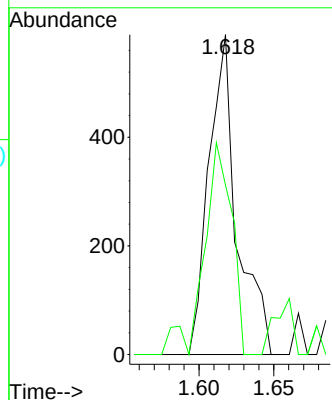
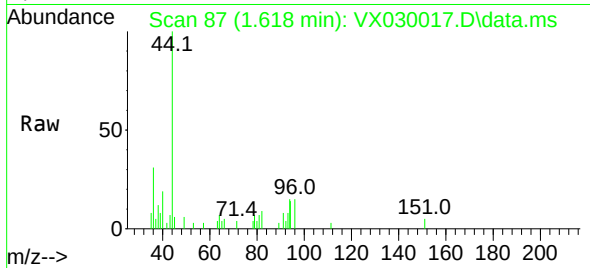




#5
 Bromomethane
 Concen: 0.843 ug/l
 RT: 1.618 min Scan# 81
 Delta R.T. 0.007 min
 Lab File: VX030017.D
 Acq: 12 Jul 2022 13:53

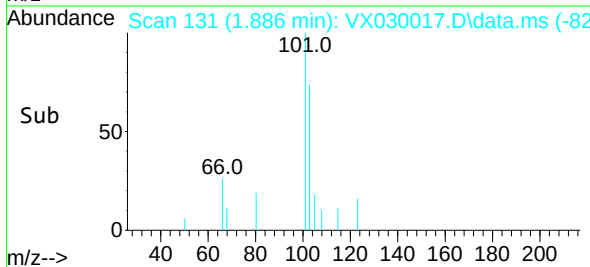
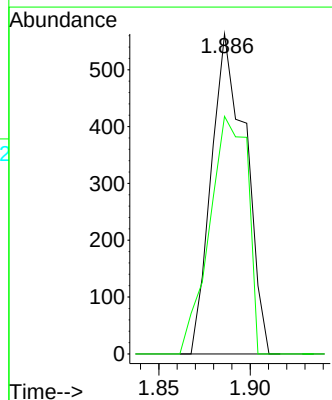
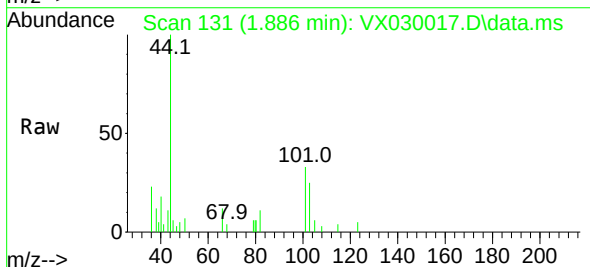
Instrument :
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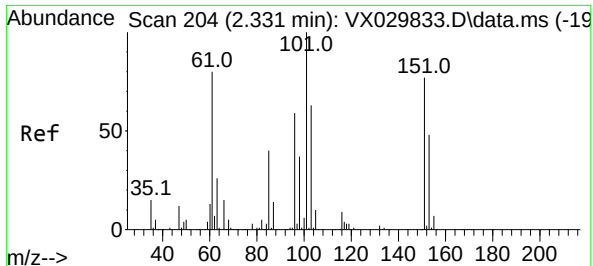
Tgt Ion: 94 Resp: 767
 Ion Ratio Lower Upper
 94 100
 96 44.1 76.9 115.3#



#7
 Trichlorofluoromethane
 Concen: 0.265 ug/l
 RT: 1.886 min Scan# 131
 Delta R.T. -0.000 min
 Lab File: VX030017.D
 Acq: 12 Jul 2022 13:53

Tgt Ion: 101 Resp: 734
 Ion Ratio Lower Upper
 101 100
 103 74.2 49.7 74.5

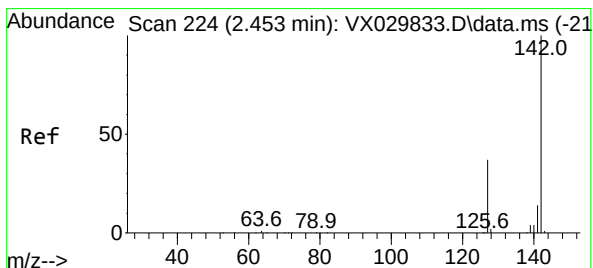
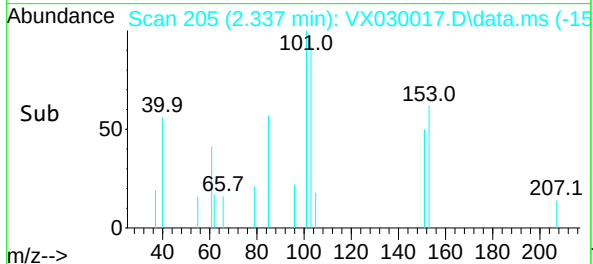
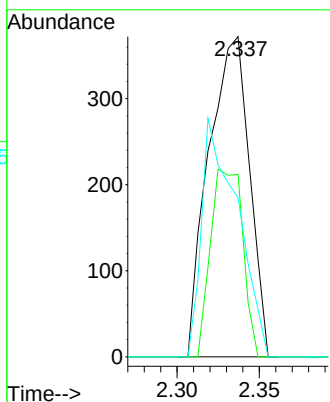
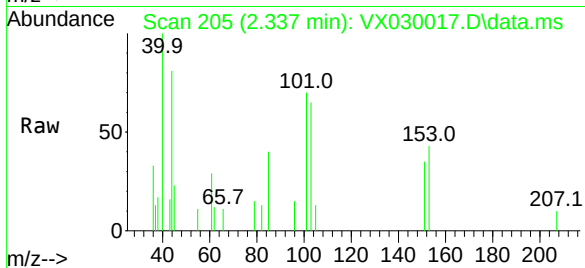




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.339 ug/l
RT: 2.337 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX030017.D
Acq: 12 Jul 2022 13:53

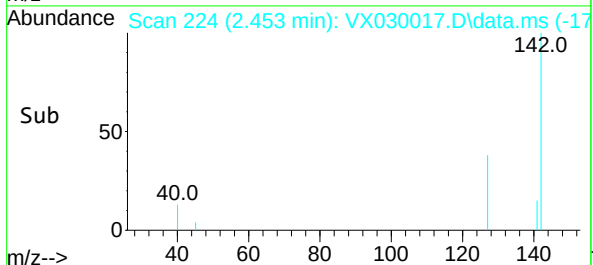
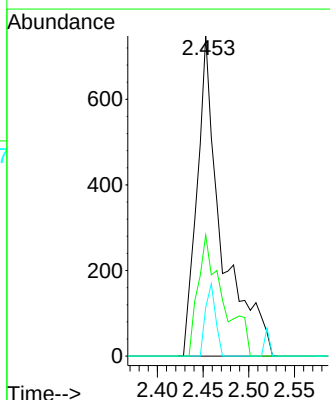
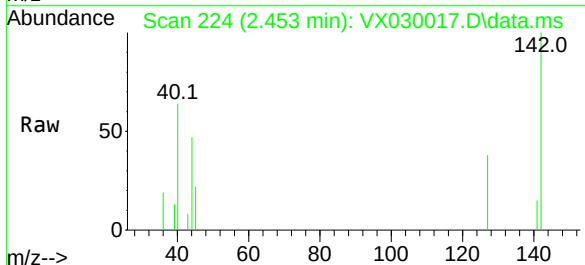
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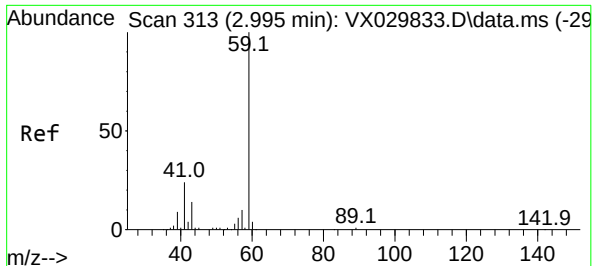
Tgt Ion:101 Resp: 641
Ion Ratio Lower Upper
101 100
85 46.2 34.0 51.0
151 65.1 59.4 89.0



#10
Methyl Iodide
Concen: 3.127 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX030017.D
Acq: 12 Jul 2022 13:53

Tgt Ion:142 Resp: 1401
Ion Ratio Lower Upper
142 100
127 38.5 30.2 45.2
141 9.2 11.3 16.9#





#11

Tert butyl alcohol

Concen: 3.533 ug/l

RT: 2.941 min Scan# 304

Delta R.T. -0.054 min

Lab File: VX030017.D

Acq: 12 Jul 2022 13:53

Instrument :

MSVOA_X

ClientSampleId :

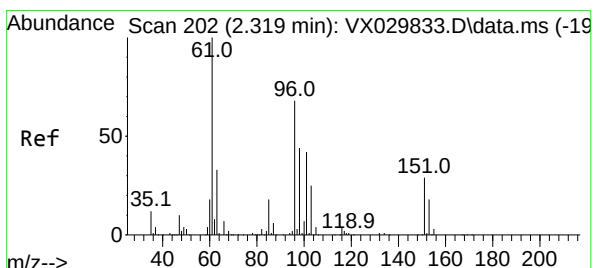
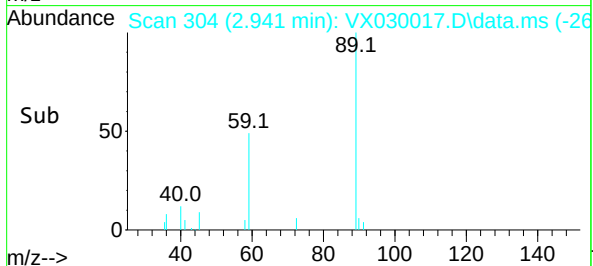
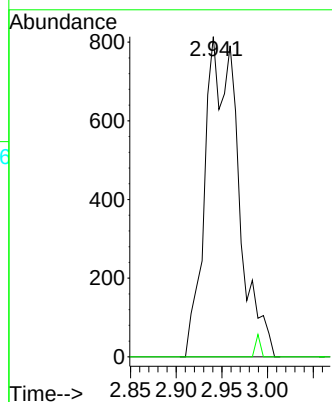
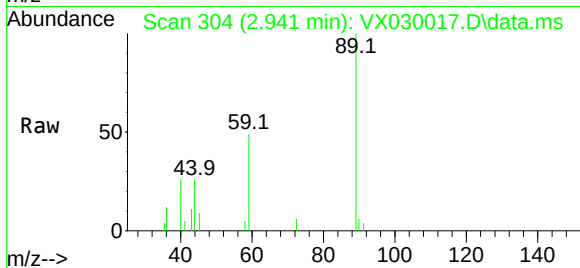
IBLK

Tgt Ion: 59 Resp: 2054

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#



#12

1,1-Dichloroethene

Concen: 0.293 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX030017.D

Acq: 12 Jul 2022 13:53

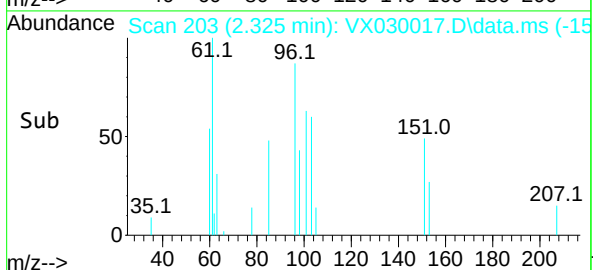
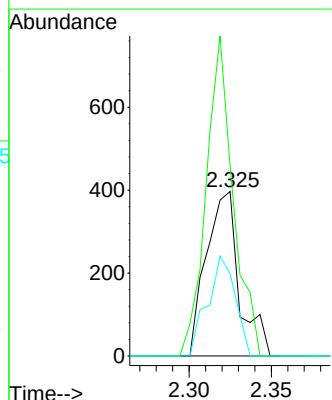
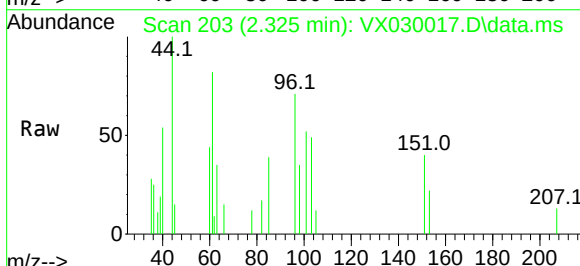
Tgt Ion: 96 Resp: 553

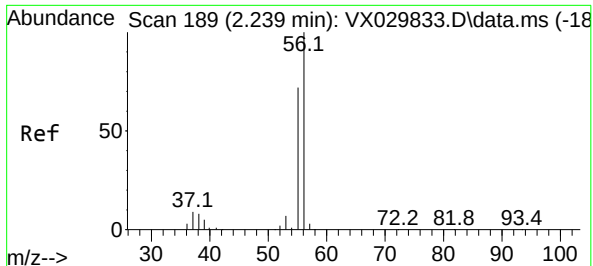
Ion Ratio Lower Upper

96 100

61 115.4 117.4 176.0#

98 49.9 52.2 78.4#

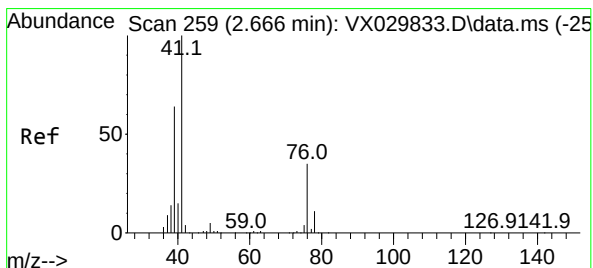
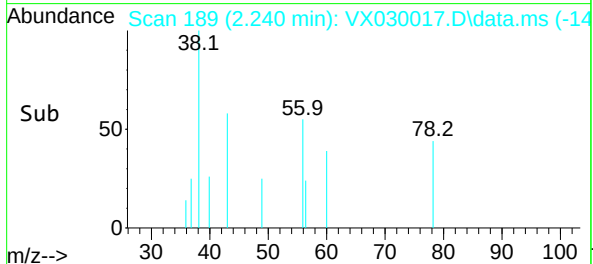
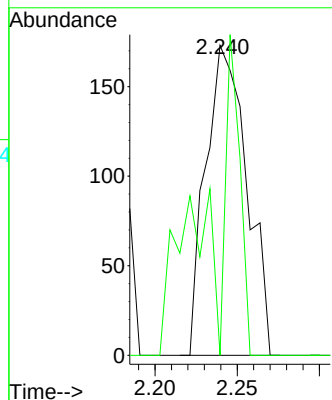
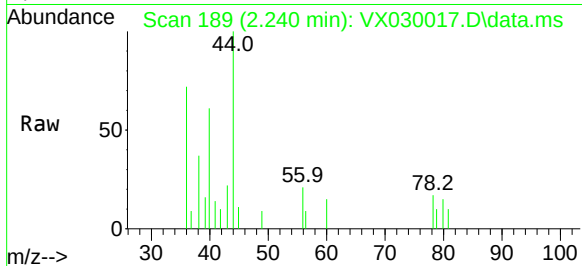




#13
Acrolein
Concen: 2.600 ug/l
RT: 2.240 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX030017.D
Acq: 12 Jul 2022 13:53

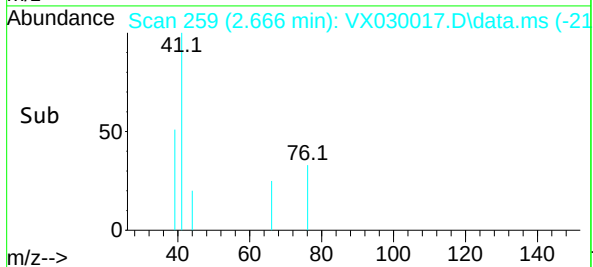
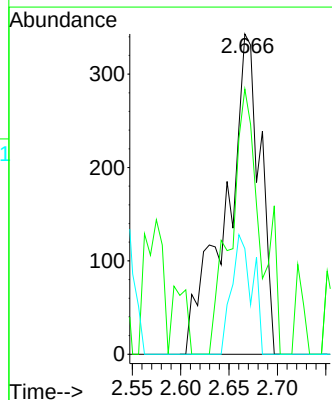
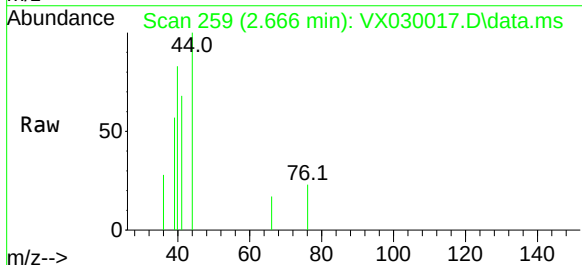
Instrument :
MSVOA_X
ClientSampleId :
IBLK

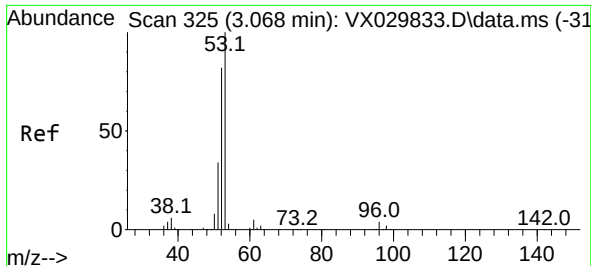
Tgt Ion: 56 Resp: 301
Ion Ratio Lower Upper
56 100
55 35.2 56.6 84.8#



#14
Allyl chloride
Concen: 0.257 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX030017.D
Acq: 12 Jul 2022 13:53

Tgt Ion: 41 Resp: 848
Ion Ratio Lower Upper
41 100
39 71.7 48.9 73.3
76 0.0 26.9 40.3#

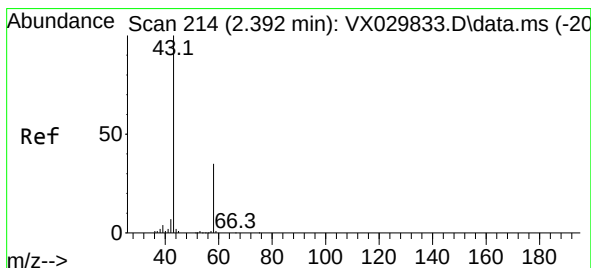
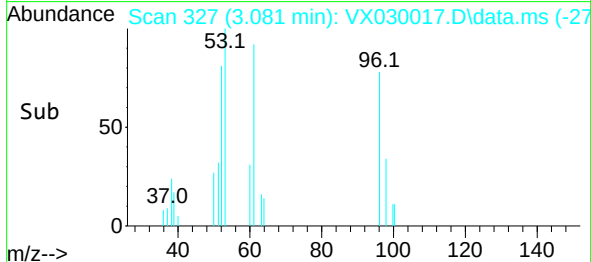
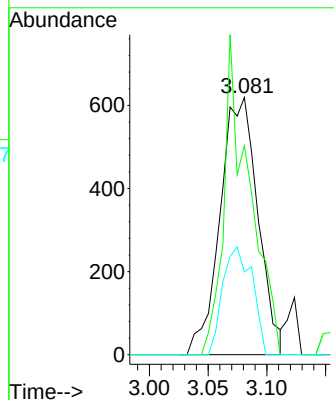
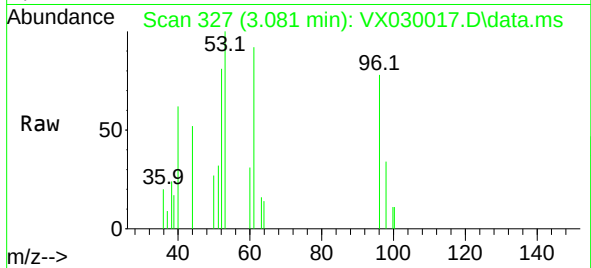




#15
Acrylonitrile
Concen: 1.050 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.013 min
Lab File: VX030017.D
Acq: 12 Jul 2022 13:53

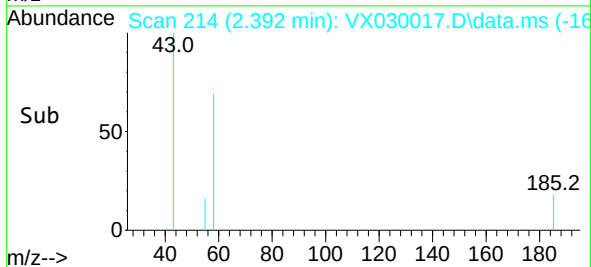
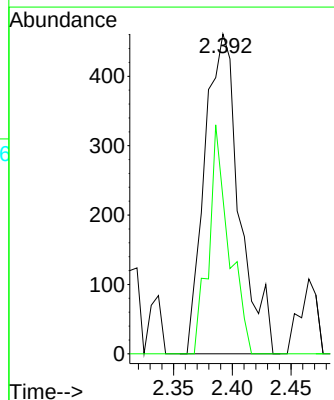
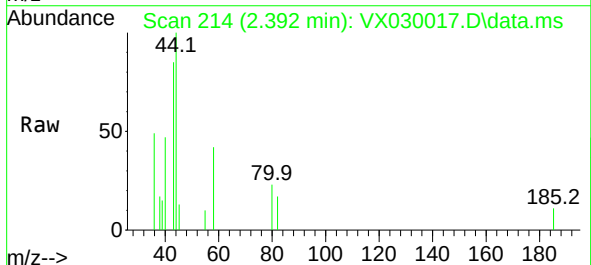
Instrument :
MSVOA_X
ClientSampleId :
IBLK

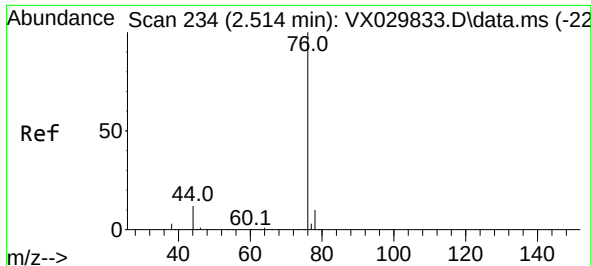
Tgt Ion: 53	Resp:	1387	
Ion	Ratio	Lower	Upper
53	100		
52	83.5	65.4	98.0
51	32.7	27.7	41.5



#16
Acetone
Concen: 0.889 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX030017.D
Acq: 12 Jul 2022 13:53

Tgt Ion: 43	Resp:	944	
Ion Ratio	Lower	Upper	
43 100			
58 48.8	27.7	41.5#	

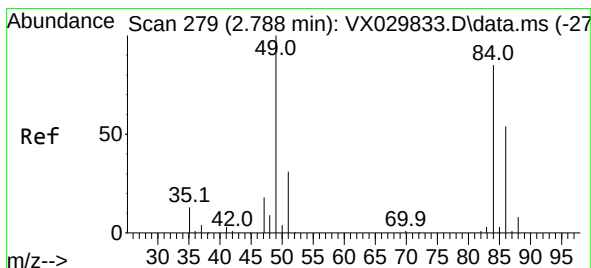
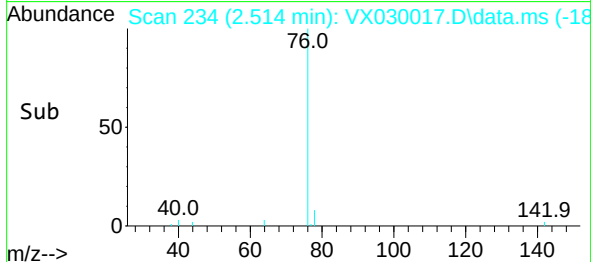
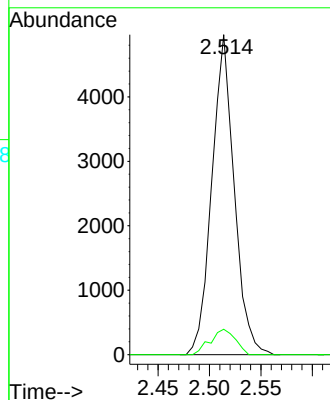
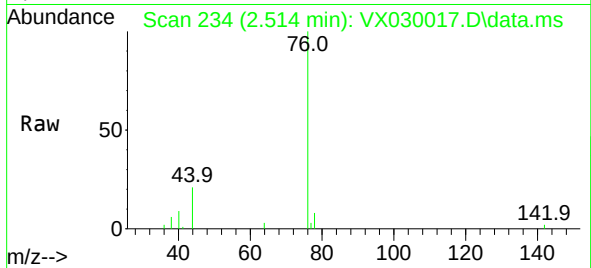




#17
Carbon Disulfide
Concen: 1.053 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX030017.D
Acq: 12 Jul 2022 13:53

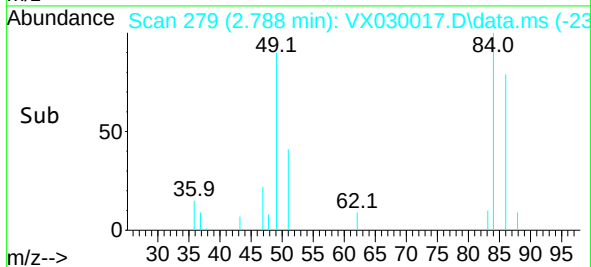
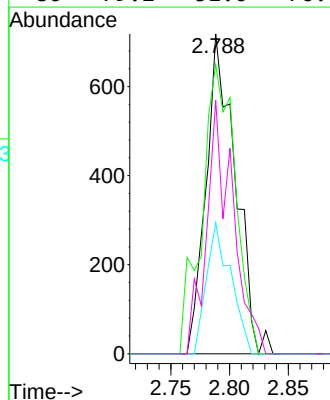
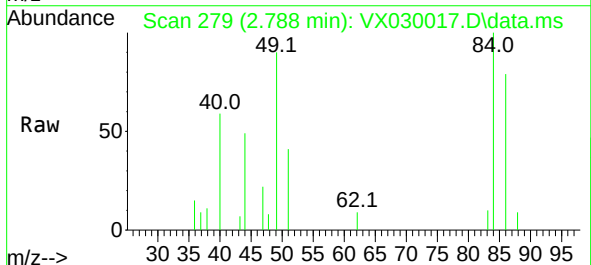
Instrument :
MSVOA_X
ClientSampleId :
IBLK

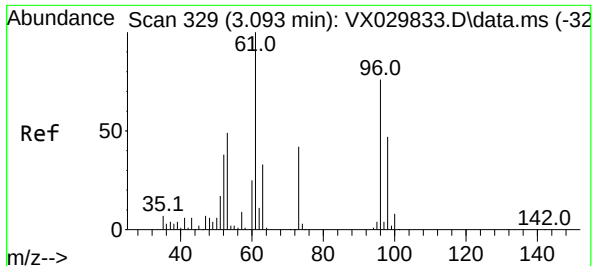
Tgt Ion: 76 Resp: 7499
Ion Ratio Lower Upper
76 100
78 8.0 7.8 11.6



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX030017.D
Acq: 12 Jul 2022 13:53

Tgt Ion: 84 Resp: 1246
Ion Ratio Lower Upper
84 100
49 90.4 93.8 140.6#
51 40.9 29.4 44.0
86 79.2 51.0 76.4#

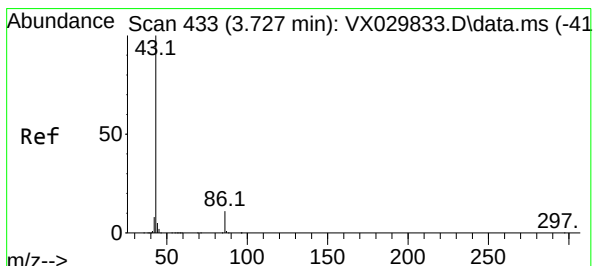
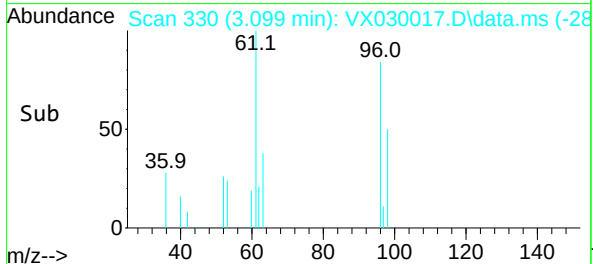
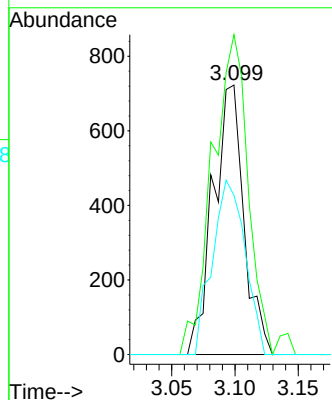
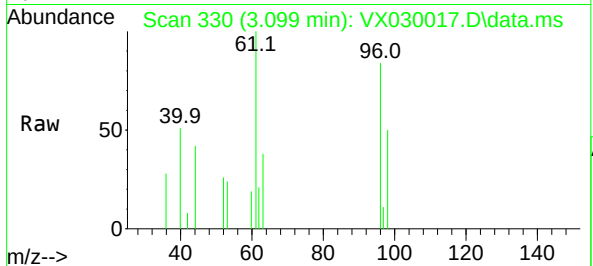




#21
trans-1,2-Dichloroethene
Concen: 0.621 ug/l
RT: 3.099 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX030017.D
Acq: 12 Jul 2022 13:53

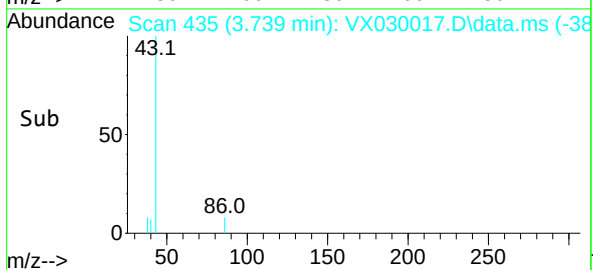
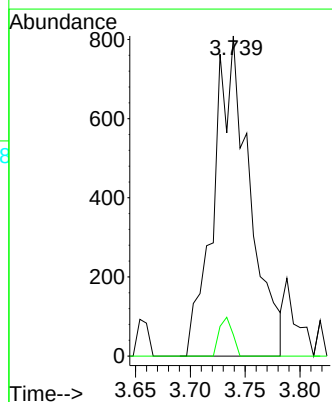
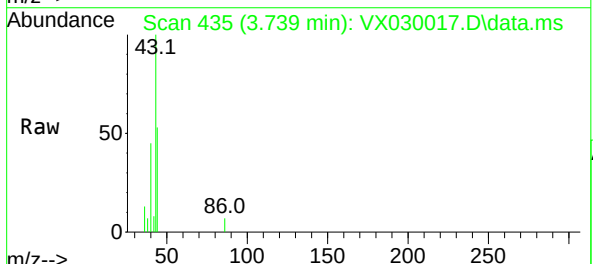
Instrument :
MSVOA_X
ClientSampleId :
IBLK

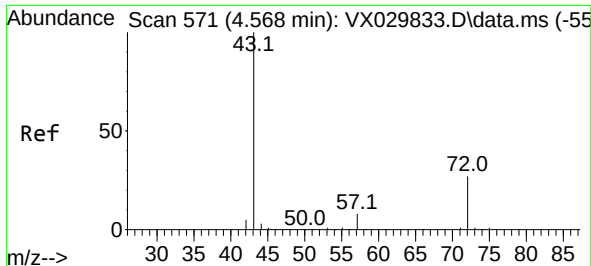
Tgt Ion: 96 Resp: 1221
Ion Ratio Lower Upper
96 100
61 118.7 105.6 158.4
98 59.1 50.1 75.1



#23
Vinyl Acetate
Concen: 0.336 ug/l
RT: 3.739 min Scan# 435
Delta R.T. 0.012 min
Lab File: VX030017.D
Acq: 12 Jul 2022 13:53

Tgt Ion: 43 Resp: 1835
Ion Ratio Lower Upper
43 100
86 6.7 8.5 12.7#

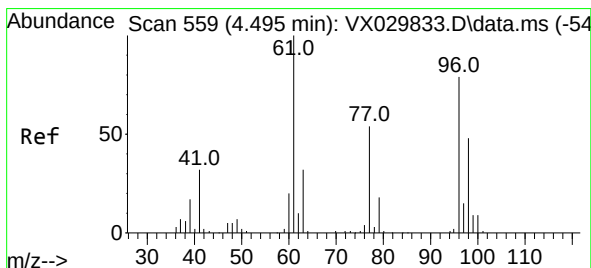
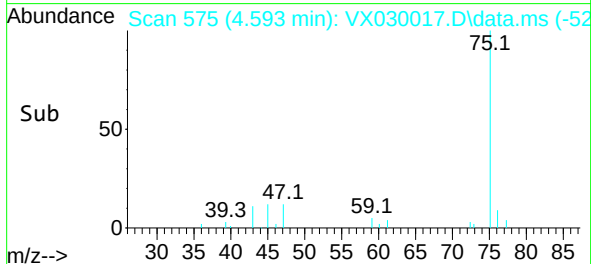
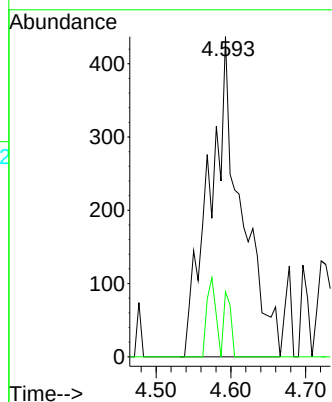
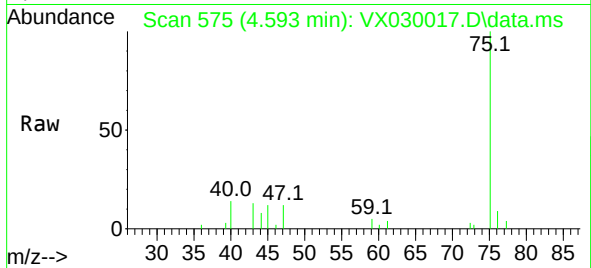




#25
2-Butanone
Concen: 0.716 ug/l
RT: 4.593 min Scan# 51
Delta R.T. 0.025 min
Lab File: VX030017.D
Acq: 12 Jul 2022 13:53

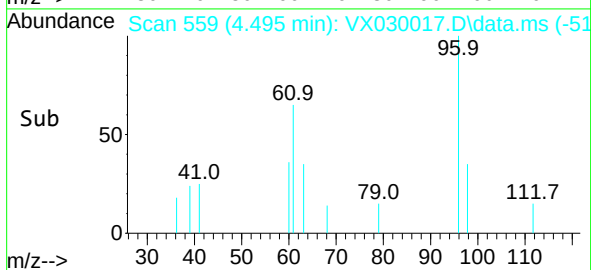
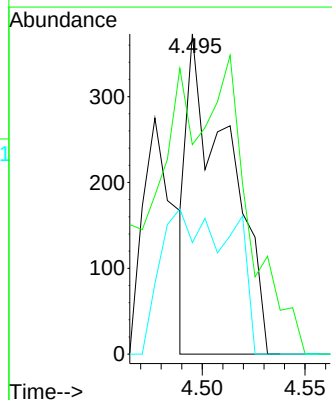
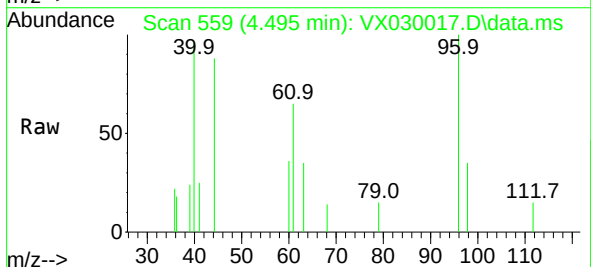
Instrument :
MSVOA_X
ClientSampleId :
IBLK

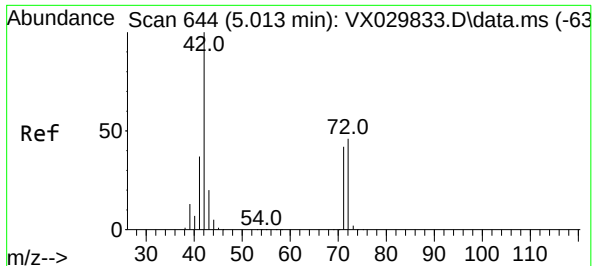
Tgt Ion: 43 Resp: 1294
Ion Ratio Lower Upper
43 100
72 20.4 21.7 32.5#



#27
cis-1,2-Dichloroethene
Concen: 0.215 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX030017.D
Acq: 12 Jul 2022 13:53

Tgt Ion: 96 Resp: 517
Ion Ratio Lower Upper
96 100
61 95.6 0.0 270.0
98 78.3 0.0 127.8





#29

Tetrahydrofuran

Concen: 0.620 ug/l

RT: 5.032 min Scan# 644

Delta R.T. 0.019 min

Lab File: VX030017.D

Acq: 12 Jul 2022 13:53

Instrument :

MSVOA_X

ClientSampleId :

IBLK

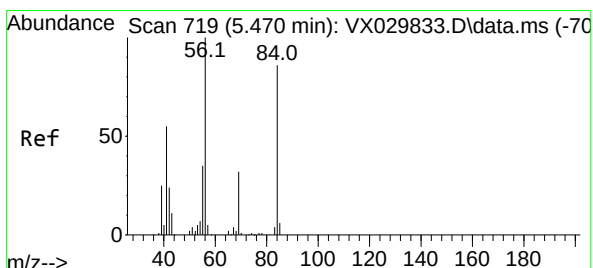
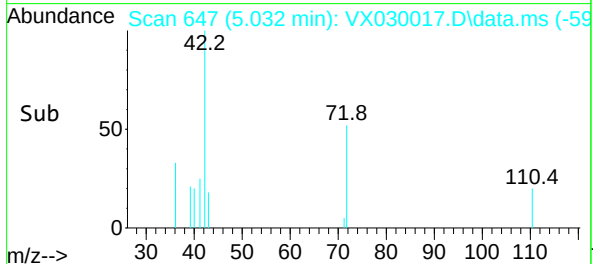
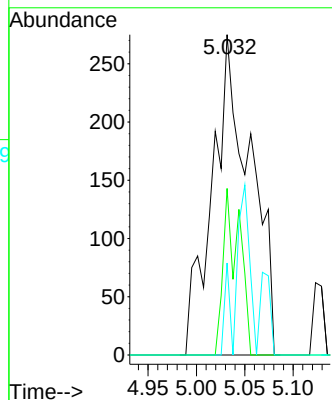
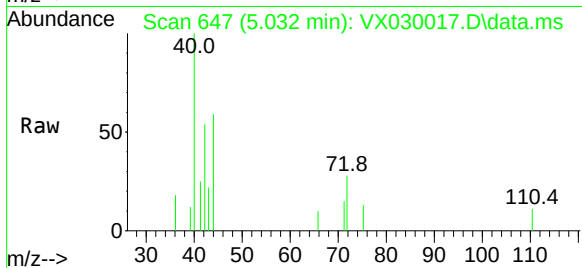
Tgt Ion: 42 Resp: 761

Ion Ratio Lower Upper

42 100

72 21.8 36.5 54.7#

71 19.6 33.9 50.9#



#31

Cyclohexane

Concen: 0.270 ug/l

RT: 5.477 min Scan# 720

Delta R.T. 0.007 min

Lab File: VX030017.D

Acq: 12 Jul 2022 13:53

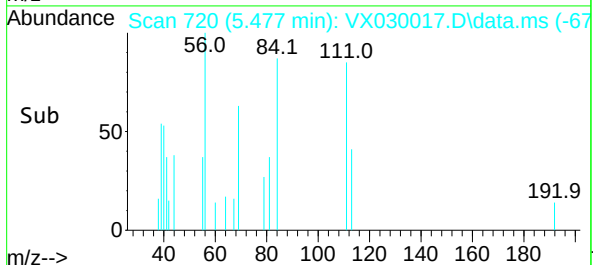
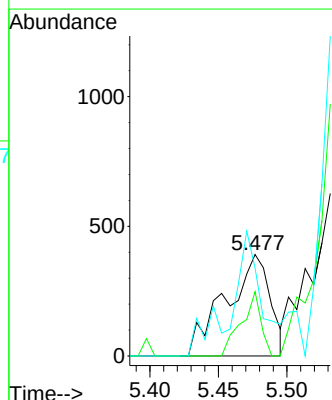
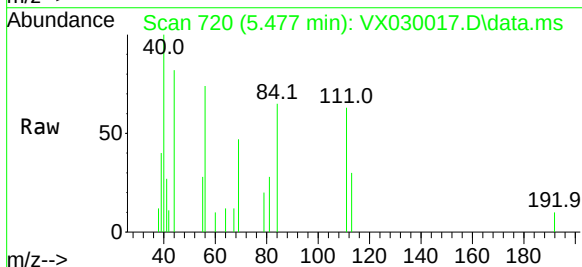
Tgt Ion: 56 Resp: 882

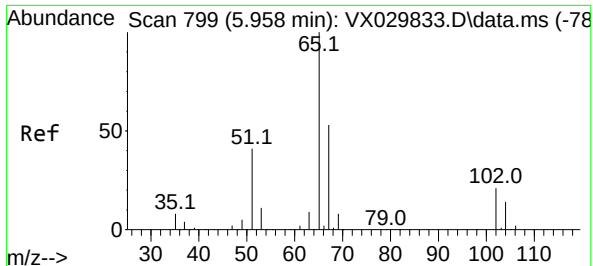
Ion Ratio Lower Upper

56 100

69 63.4 25.4 38.0#

84 86.7 68.9 103.3





#33

1,2-Dichloroethane-d4

Concen: 42.691 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX030017.D

Acq: 12 Jul 2022 13:53

Instrument :

MSVOA_X

ClientSampleId :

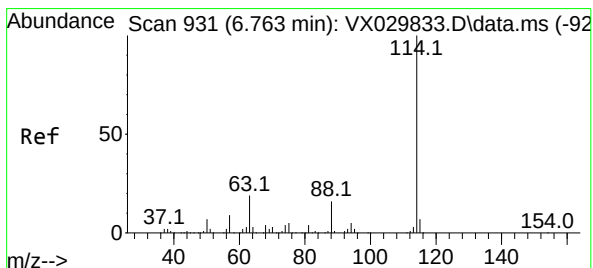
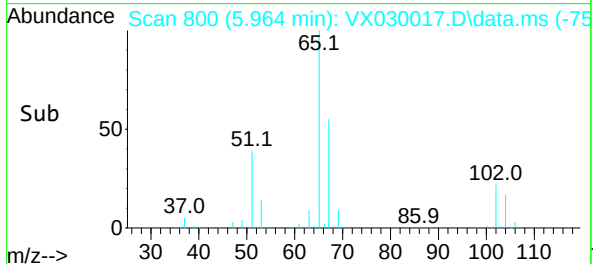
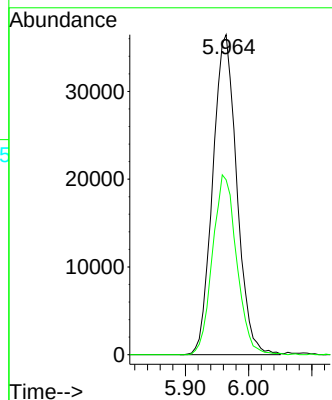
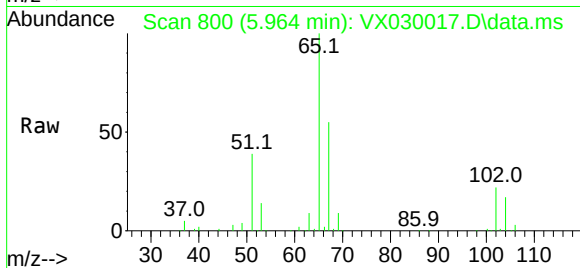
IBLK

Tgt Ion: 65 Resp: 96154

Ion Ratio Lower Upper

65 100

67 56.4 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX030017.D

Acq: 12 Jul 2022 13:53

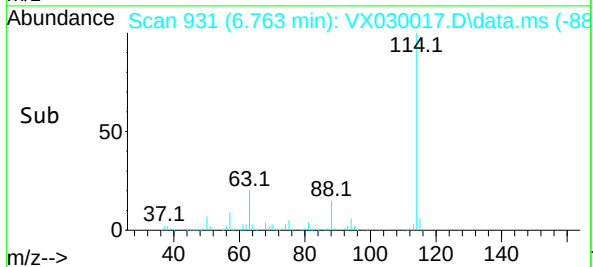
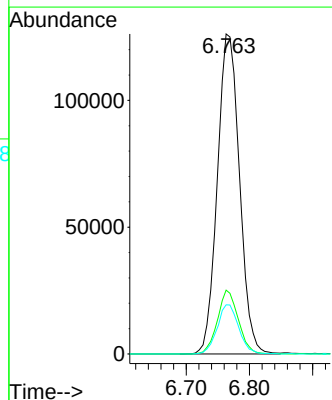
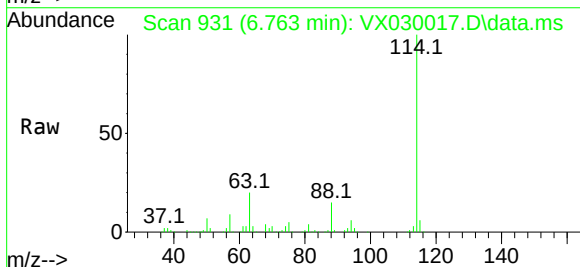
Tgt Ion: 114 Resp: 306503

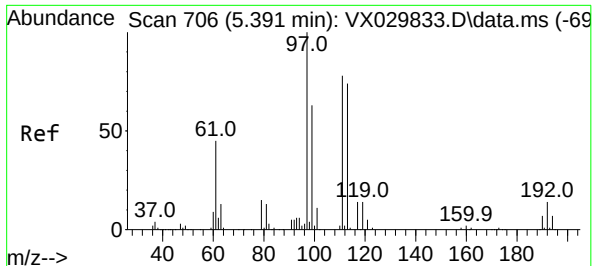
Ion Ratio Lower Upper

114 100

63 20.0 0.0 38.4

88 15.4 0.0 31.8





#35

Dibromofluoromethane

Concen: 45.545 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030017.D

Acq: 12 Jul 2022 13:53

Instrument :

MSVOA_X

ClientSampleId :

IBLK

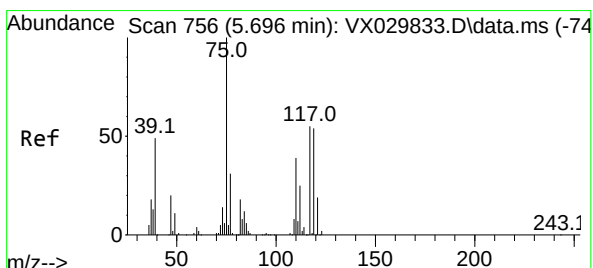
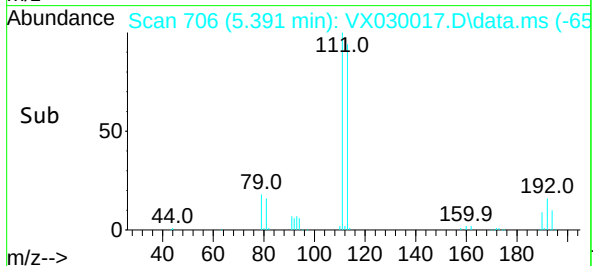
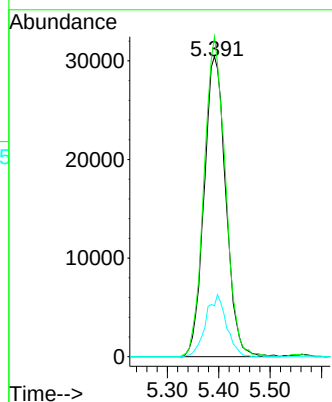
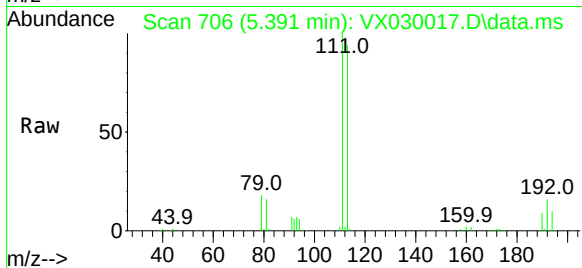
Tgt Ion:113 Resp: 89180

Ion Ratio Lower Upper

113 100

111 105.3 83.2 124.8

192 19.7 14.8 22.2



#36

1,1-Dichloropropene

Concen: 0.478 ug/l

RT: 5.702 min Scan# 757

Delta R.T. 0.006 min

Lab File: VX030017.D

Acq: 12 Jul 2022 13:53

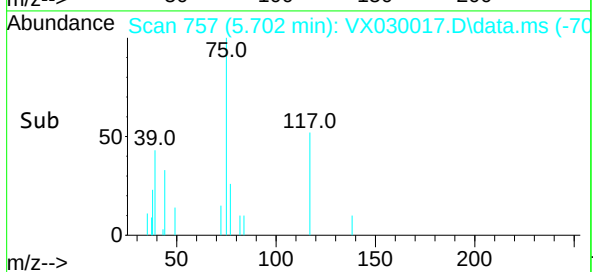
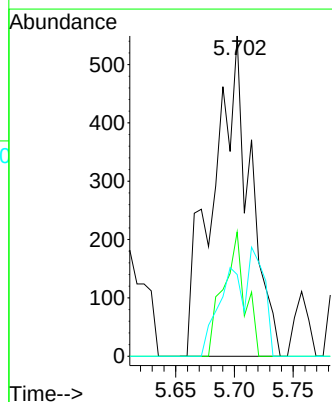
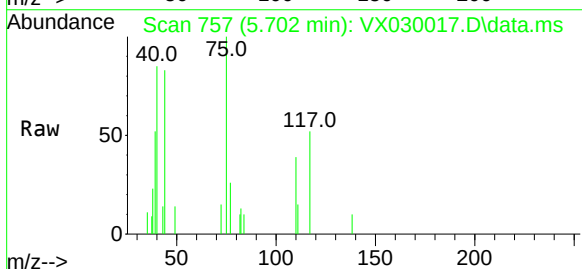
Tgt Ion: 75 Resp: 1210

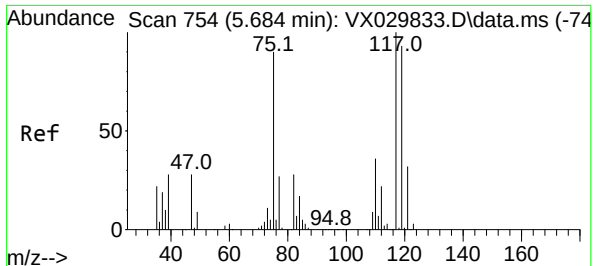
Ion Ratio Lower Upper

75 100

110 22.6 19.3 57.9

77 18.1 24.4 36.6#

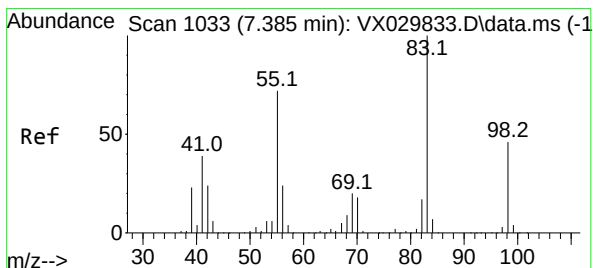
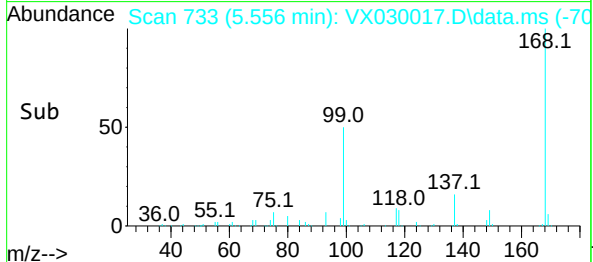
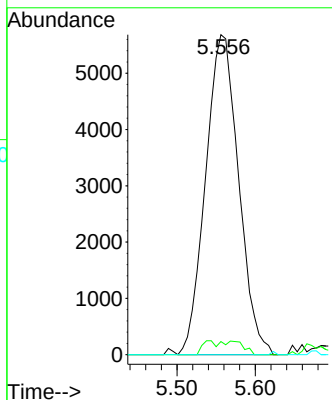
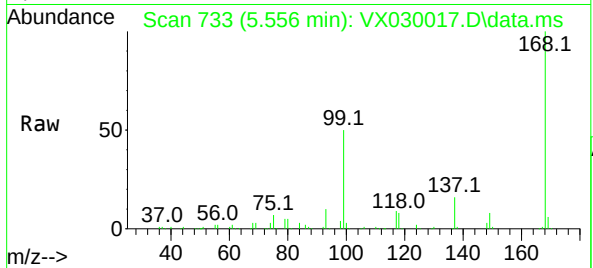




#38
Carbon Tetrachloride
Concen: 7.059 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX030017.D
Acq: 12 Jul 2022 13:53

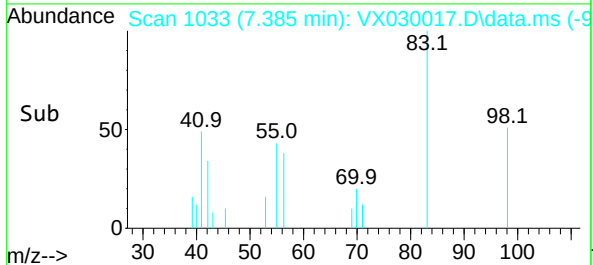
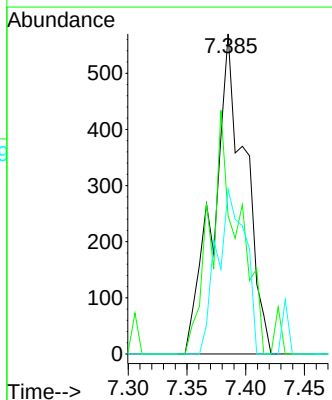
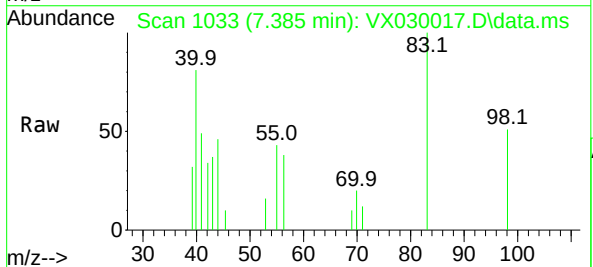
Instrument :
MSVOA_X
ClientSampleId :
IBLK

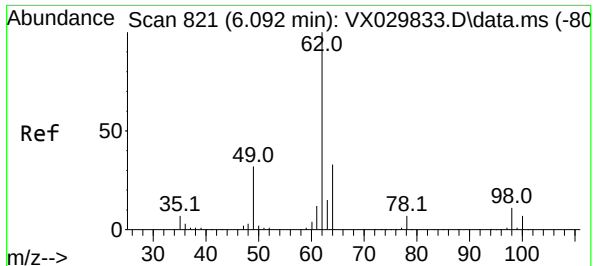
Tgt Ion:117 Resp: 16649
Ion Ratio Lower Upper
117 100
119 4.1 74.1 111.1#
121 0.0 25.8 38.8#



#39
Methylcyclohexane
Concen: 0.332 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX030017.D
Acq: 12 Jul 2022 13:53

Tgt Ion: 83 Resp: 1065
Ion Ratio Lower Upper
83 100
55 43.2 57.7 86.5#
98 51.4 36.5 54.7





#42

1,2-Dichloroethane

Concen: 0.218 ug/l

RT: 6.092 min Scan# 821

Delta R.T. 0.000 min

Lab File: VX030017.D

Acq: 12 Jul 2022 13:53

Instrument :

MSVOA_X

ClientSampleId :

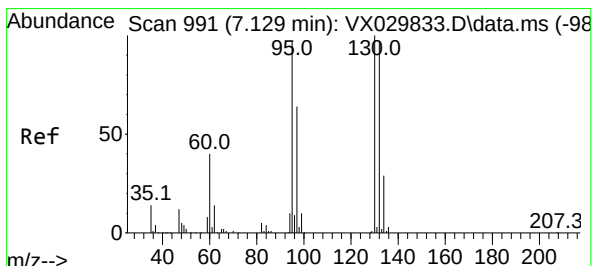
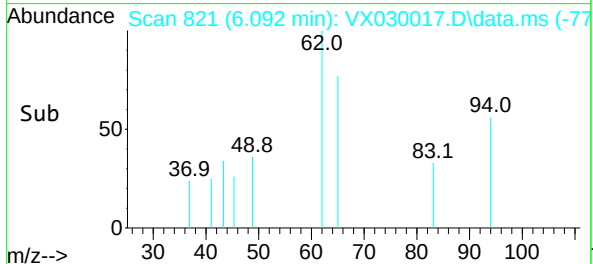
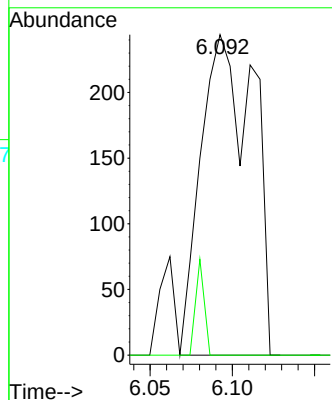
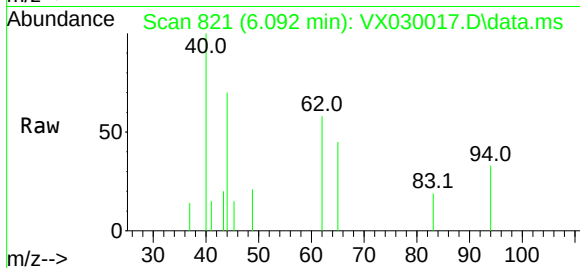
IBLK

Tgt Ion: 62 Resp: 538

Ion Ratio Lower Upper

62 100

98 5.0 0.0 20.2



#44

Trichloroethene

Concen: 0.708 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX030017.D

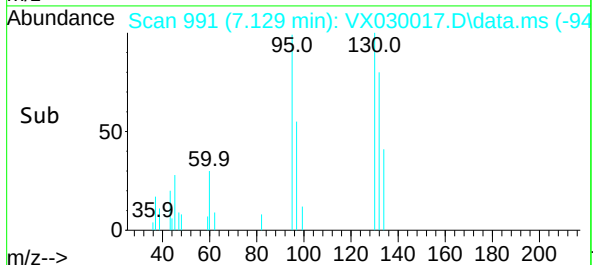
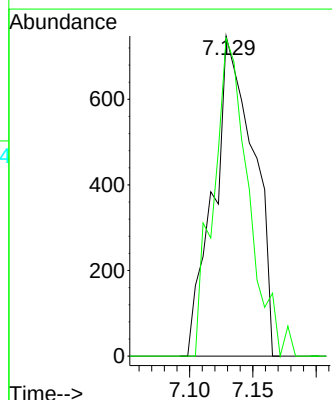
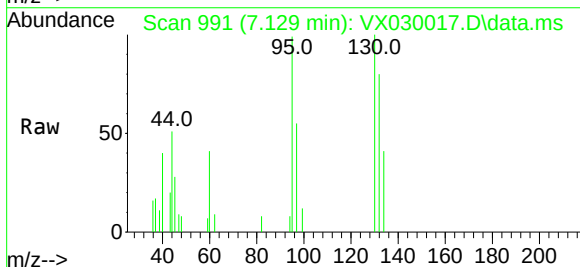
Acq: 12 Jul 2022 13:53

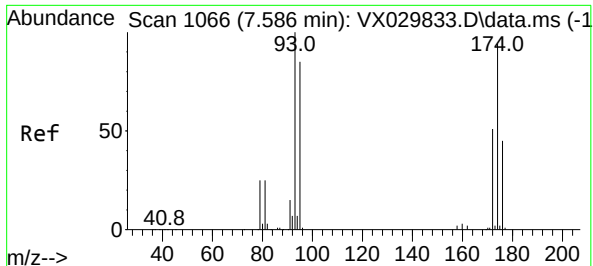
Tgt Ion: 130 Resp: 1647

Ion Ratio Lower Upper

130 100

95 99.3 0.0 194.8





#46

Dibromomethane

Concen: 0.344 ug/l

RT: 7.592 min Scan# 1067

Delta R.T. 0.006 min

Lab File: VX030017.D

Acq: 12 Jul 2022 13:53

Instrument :

MSVOA_X

ClientSampleId :

IBLK

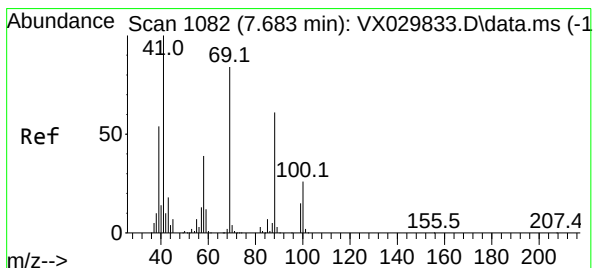
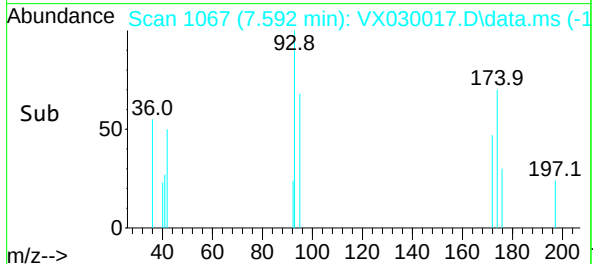
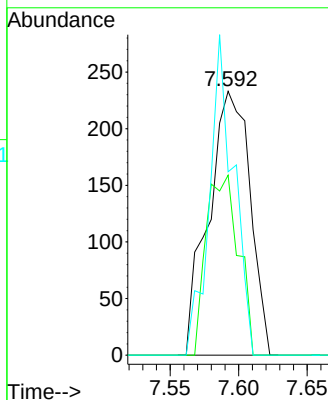
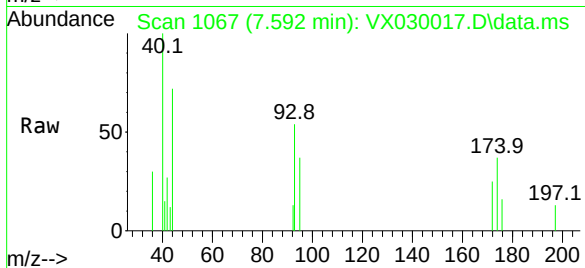
Tgt Ion: 93 Resp: 490

Ion Ratio Lower Upper

93 100

95 53.3 67.4 101.0#

174 71.0 75.6 113.4#



#49

1,4-Dioxane

Concen: 0.495 ug/l

RT: 7.690 min Scan# 1083

Delta R.T. 0.007 min

Lab File: VX030017.D

Acq: 12 Jul 2022 13:53

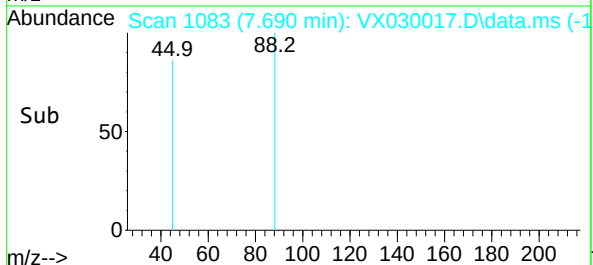
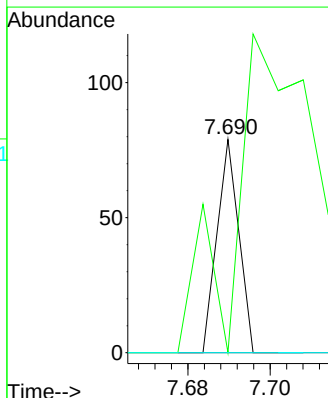
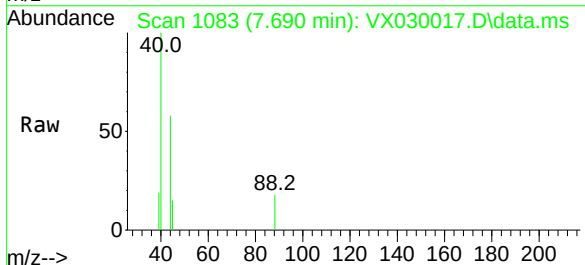
Tgt Ion: 88 Resp: 29

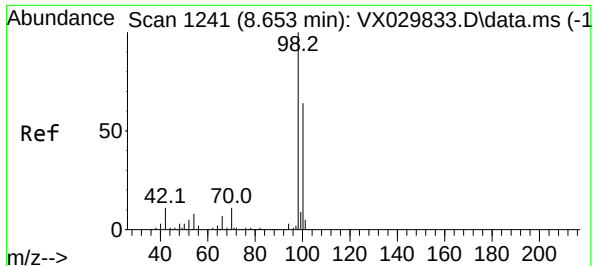
Ion Ratio Lower Upper

88 100

43 531.0 23.8 35.8#

58 0.0 53.8 80.6#

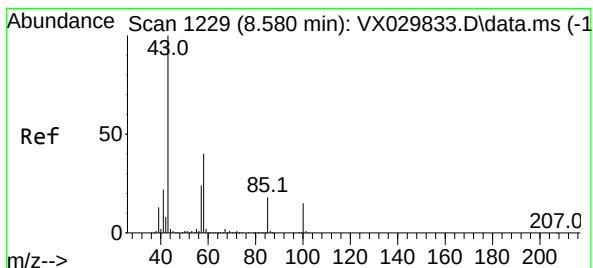
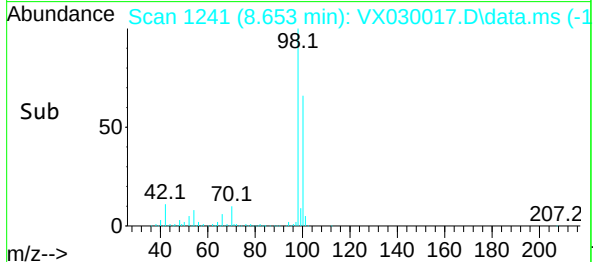
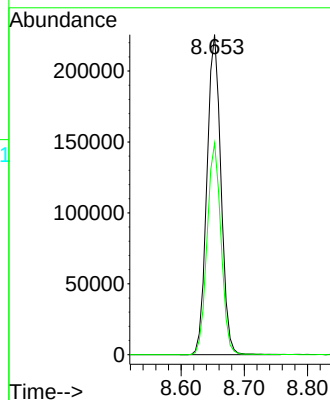
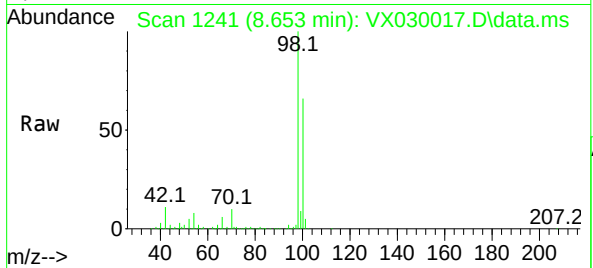




#50
Toluene-d8
Concen: 47.250 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX030017.D
Acq: 12 Jul 2022 13:53

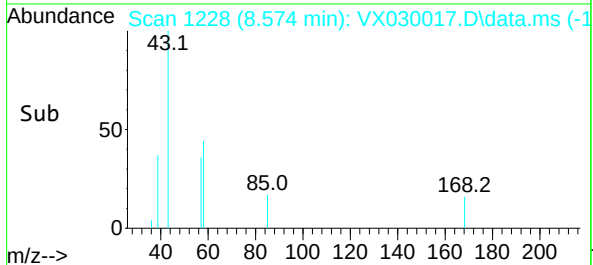
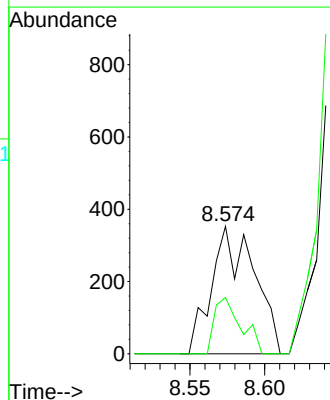
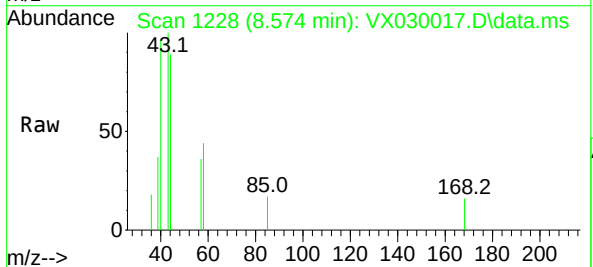
Instrument :
MSVOA_X
ClientSampleId :
IBLK

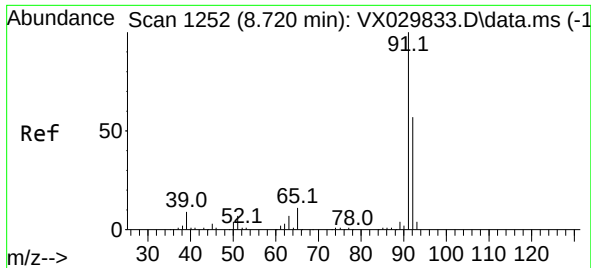
Tgt Ion: 98 Resp: 347959
Ion Ratio Lower Upper
98 100
100 65.6 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 0.217 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VX030017.D
Acq: 12 Jul 2022 13:53

Tgt Ion: 43 Resp: 701
Ion Ratio Lower Upper
43 100
58 27.4 31.4 47.2#





#52

Toluene

Concen: 0.208 ug/l

RT: 8.726 min Scan# 1253

Delta R.T. 0.006 min

Lab File: VX030017.D

Acq: 12 Jul 2022 13:53

Instrument :

MSVOA_X

ClientSampleId :

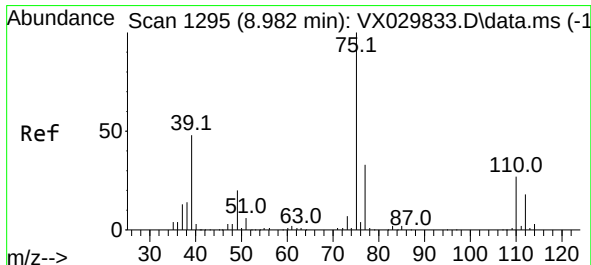
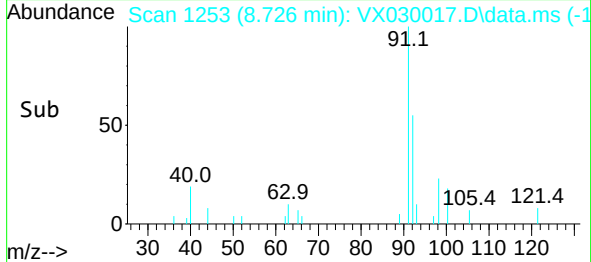
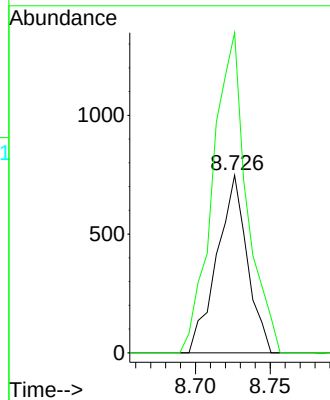
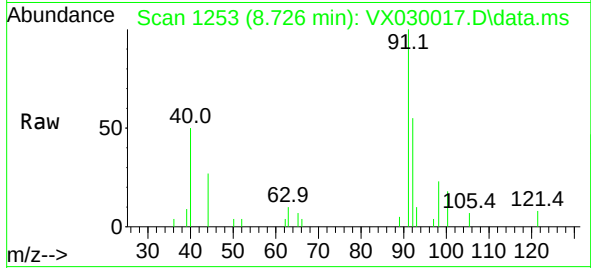
IBLK

Tgt Ion: 92 Resp: 1051

Ion Ratio Lower Upper

92 100

91 203.5 139.2 208.8



#53

t-1,3-Dichloropropene

Concen: 0.288 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VX030017.D

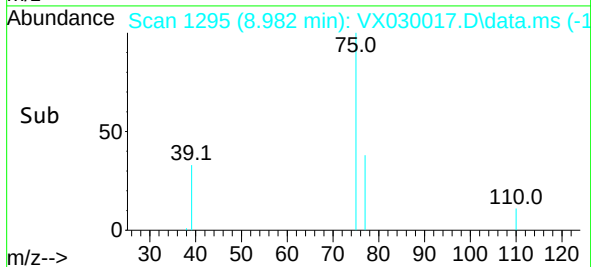
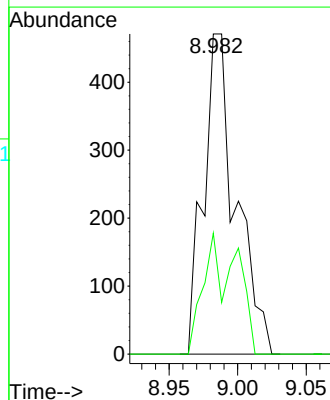
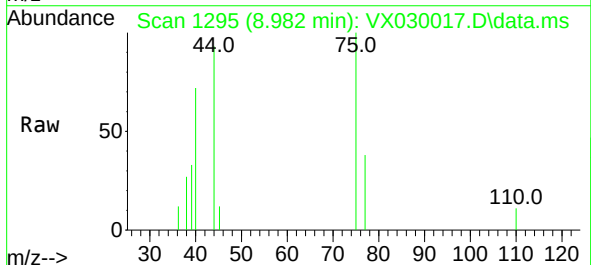
Acq: 12 Jul 2022 13:53

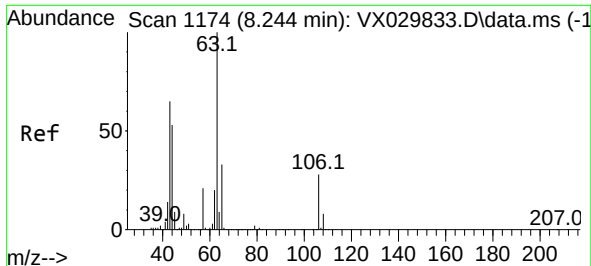
Tgt Ion: 75 Resp: 774

Ion Ratio Lower Upper

75 100

77 37.8 26.3 39.5





#58

2-Chloroethyl Vinyl ether

Concen: 0.380 ug/l

RT: 8.251 min Scan# 1175

Delta R.T. 0.007 min

Lab File: VX030017.D

Acq: 12 Jul 2022 13:53

Instrument :

MSVOA_X

ClientSampleId :

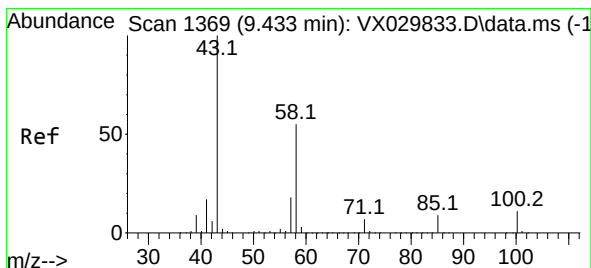
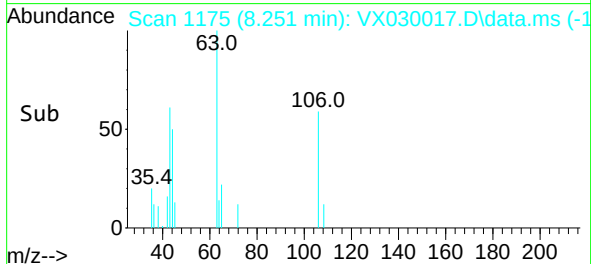
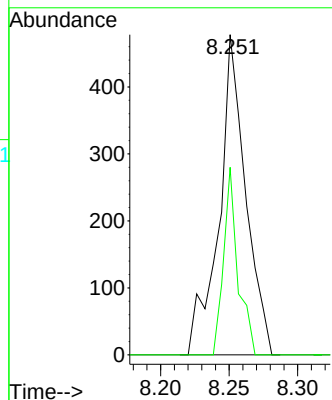
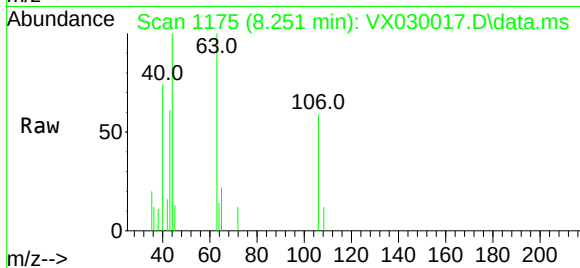
IBLK

Tgt Ion: 63 Resp: 646

Ion Ratio Lower Upper

63 100

106 31.1 22.2 33.2



#59

2-Hexanone

Concen: 0.316 ug/l

RT: 9.439 min Scan# 1370

Delta R.T. 0.006 min

Lab File: VX030017.D

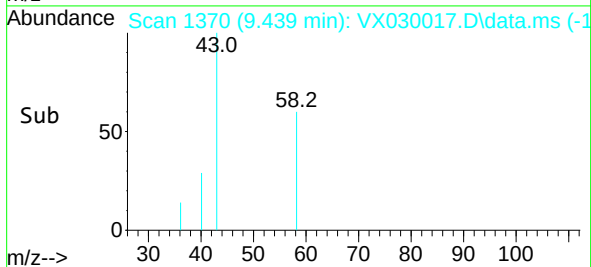
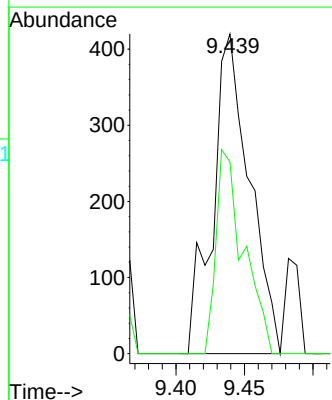
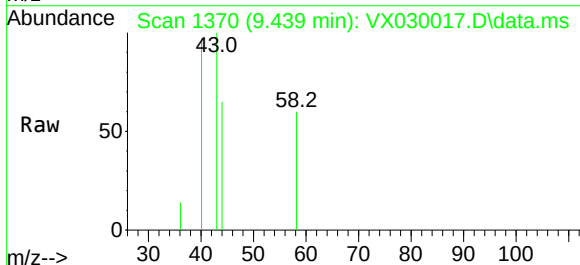
Acq: 12 Jul 2022 13:53

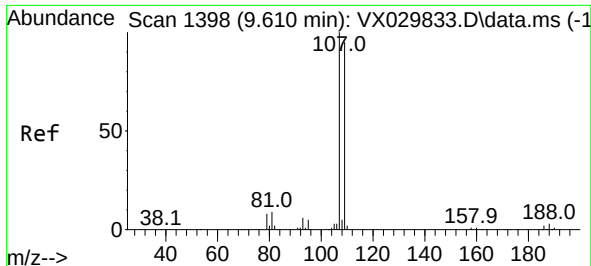
Tgt Ion: 43 Resp: 784

Ion Ratio Lower Upper

43 100

58 47.4 27.6 82.8

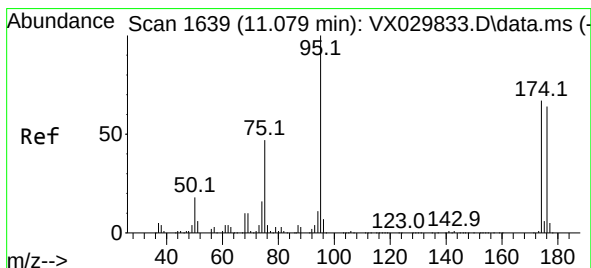
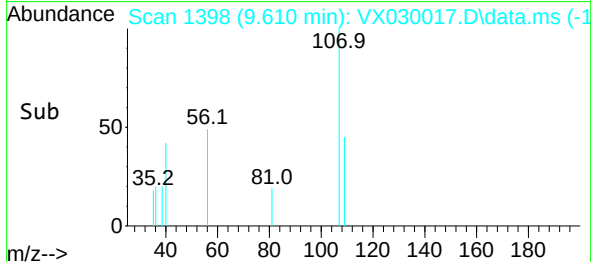
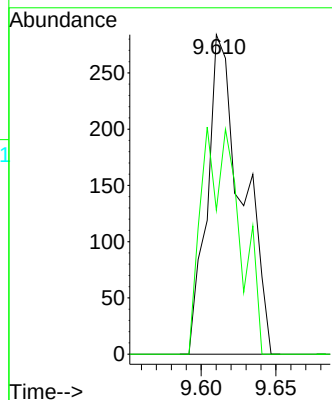
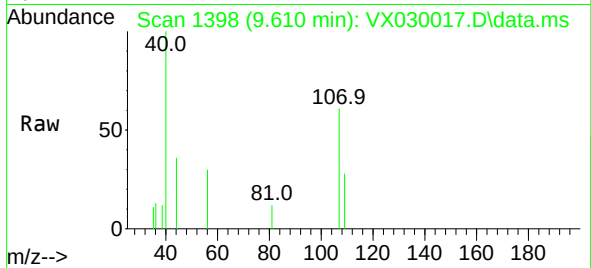




#61
1,2-Dibromoethane
Concen: 0.212 ug/l
RT: 9.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030017.D
Acq: 12 Jul 2022 13:53

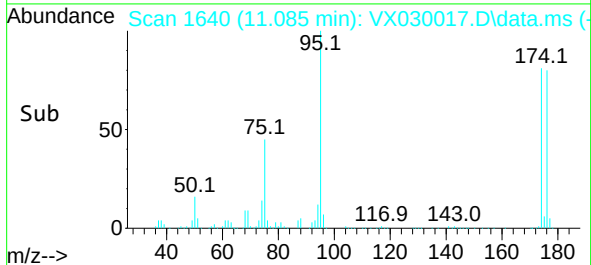
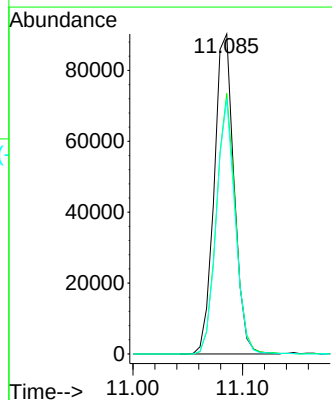
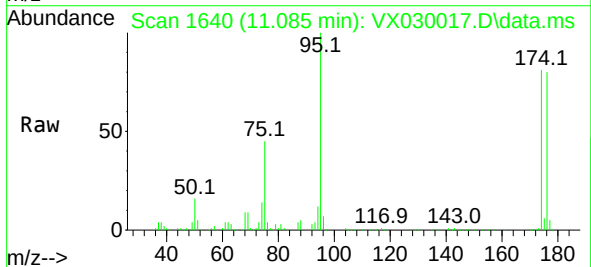
Instrument :
MSVOA_X
ClientSampleId :
IBLK

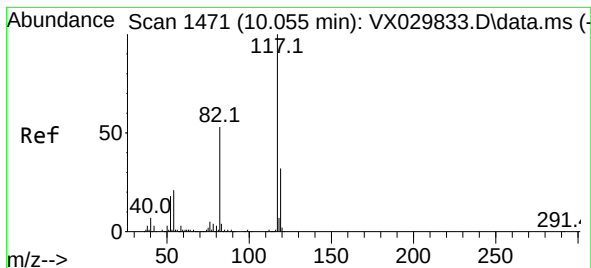
Tgt Ion:107 Resp: 459
Ion Ratio Lower Upper
107 100
109 76.9 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 44.551 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX030017.D
Acq: 12 Jul 2022 13:53

Tgt Ion: 95 Resp: 113853
Ion Ratio Lower Upper
95 100
174 77.5 0.0 149.0
176 74.9 0.0 146.0

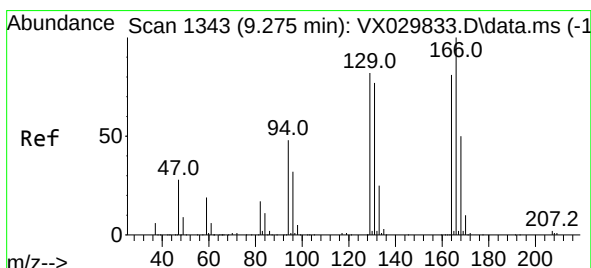
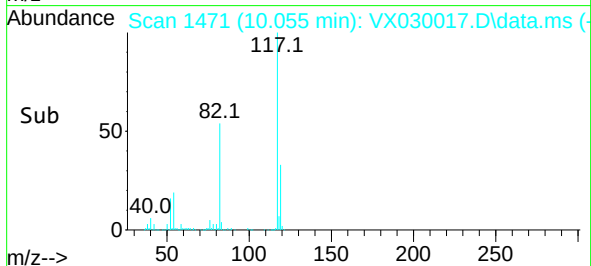
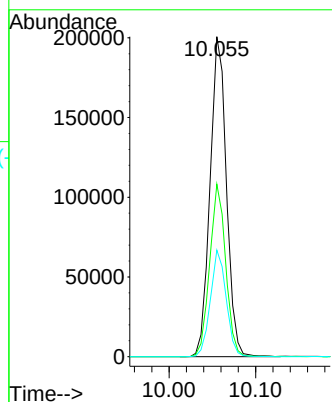
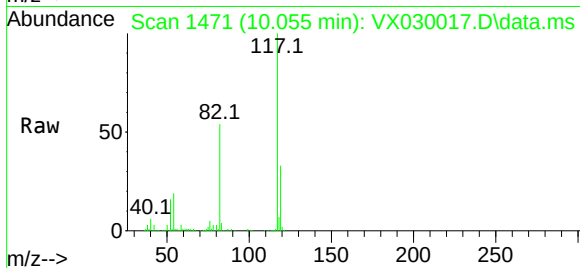




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030017.D
Acq: 12 Jul 2022 13:53

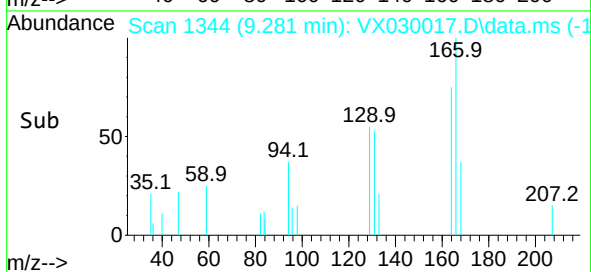
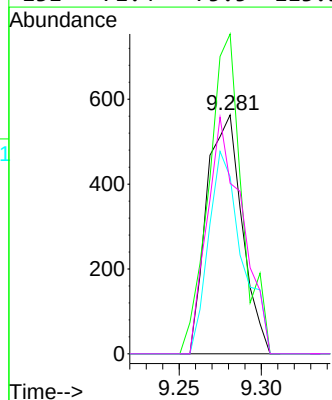
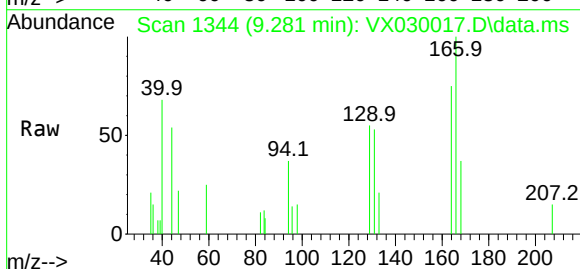
Instrument :
MSVOA_X
ClientSampleId :
IBLK

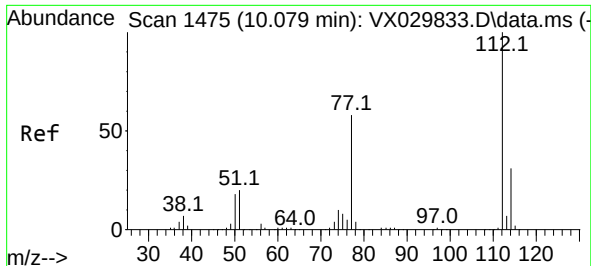
Tgt Ion:117 Resp: 263911
Ion Ratio Lower Upper
117 100
82 53.9 42.7 64.1
119 33.3 25.4 38.2



#64
Tetrachloroethene
Concen: 0.397 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX030017.D
Acq: 12 Jul 2022 13:53

Tgt Ion:164 Resp: 841
Ion Ratio Lower Upper
164 100
166 133.9 98.2 147.4
129 74.1 80.8 121.2#
131 71.4 75.5 113.3#

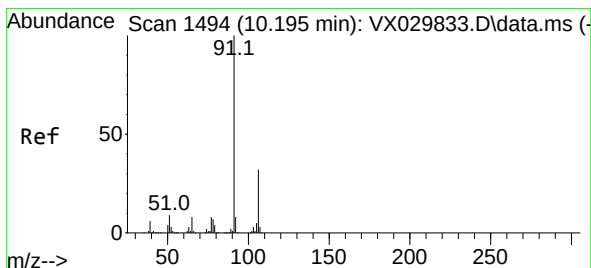
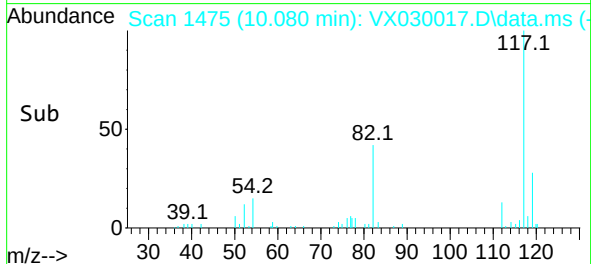
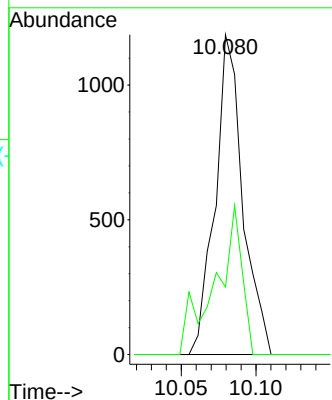
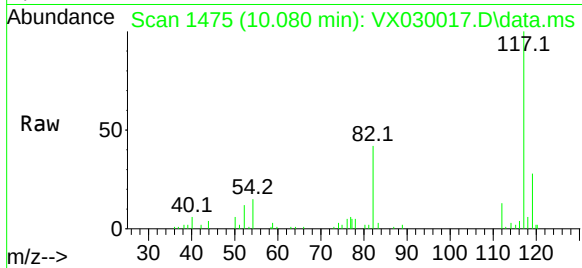




#65
Chlorobenzene
Concen: 0.289 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VX030017.D
Acq: 12 Jul 2022 13:53

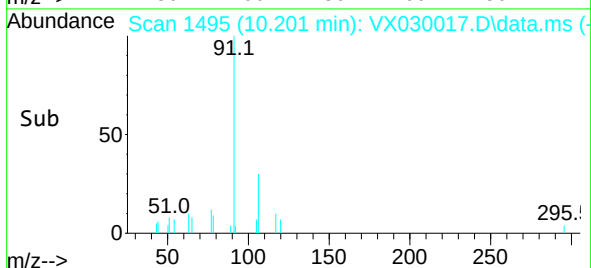
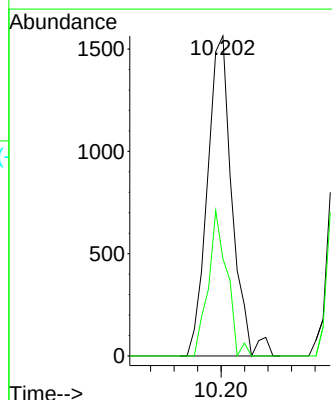
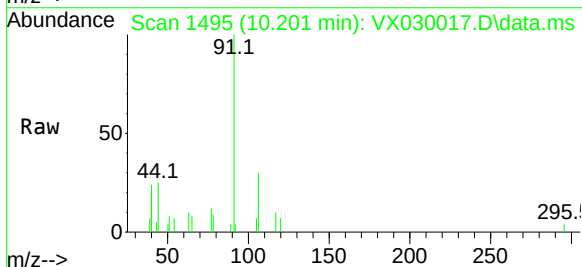
Instrument :
MSVOA_X
ClientSampleId :
IBLK

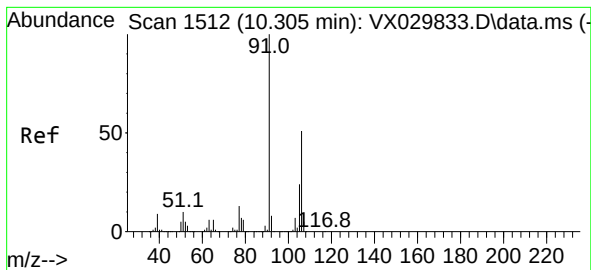
Tgt Ion:112 Resp: 1521
Ion Ratio Lower Upper
112 100
114 21.1 24.6 36.8#



#67
Ethyl Benzene
Concen: 0.256 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX030017.D
Acq: 12 Jul 2022 13:53

Tgt Ion: 91 Resp: 2281
Ion Ratio Lower Upper
91 100
106 30.4 25.5 38.3

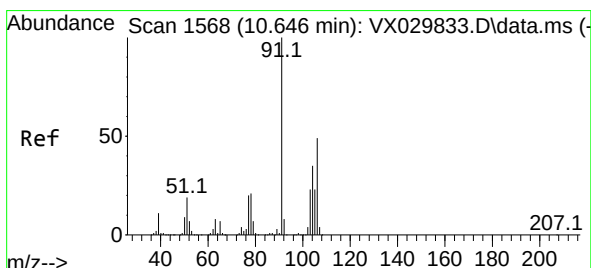
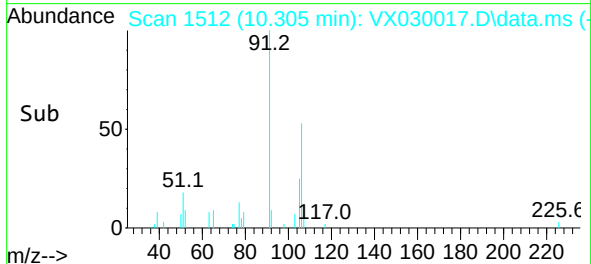
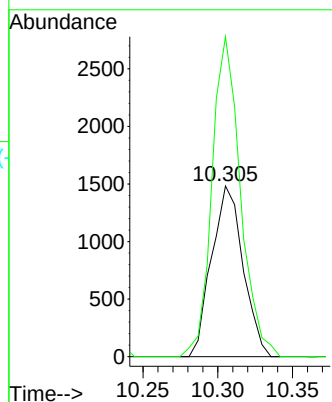
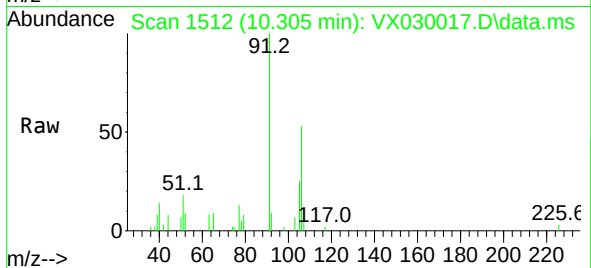




#68
m/p-Xylenes
Concen: 0.620 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX030017.D
Acq: 12 Jul 2022 13:53

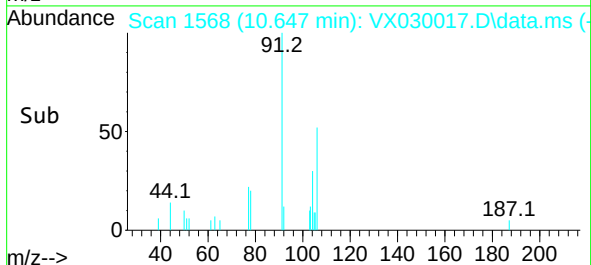
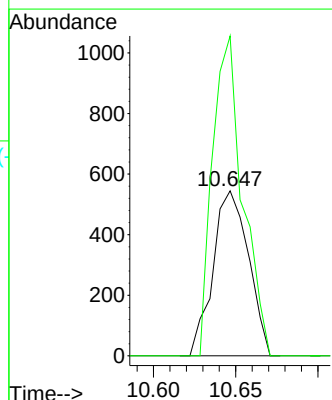
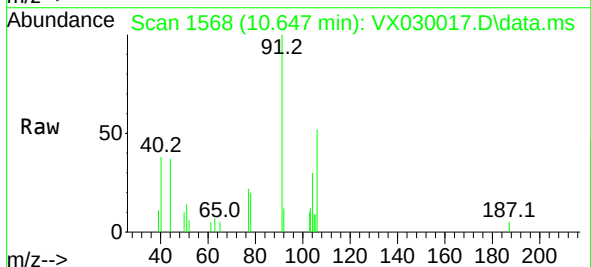
Instrument :
MSVOA_X
ClientSampleId :
IBLK

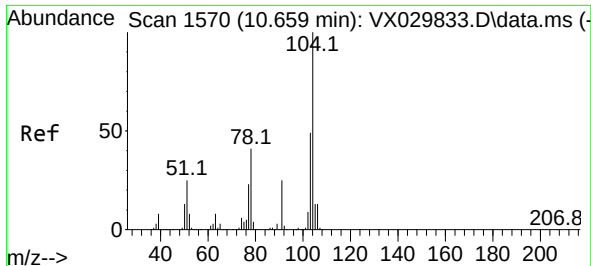
Tgt Ion:106 Resp: 2167
Ion Ratio Lower Upper
106 100
91 169.7 158.2 237.4



#69
o-Xylene
Concen: 0.234 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. 0.001 min
Lab File: VX030017.D
Acq: 12 Jul 2022 13:53

Tgt Ion:106 Resp: 818
Ion Ratio Lower Upper
106 100
91 164.8 103.8 311.6

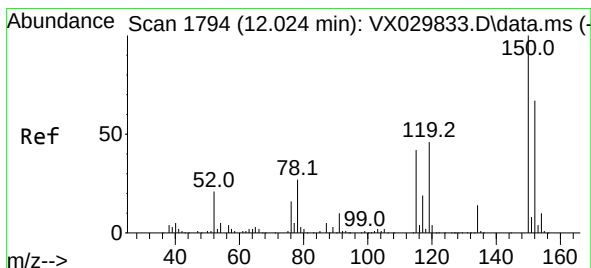
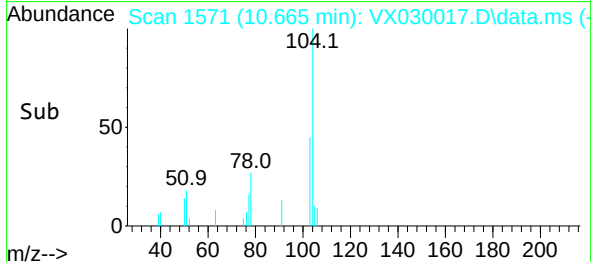
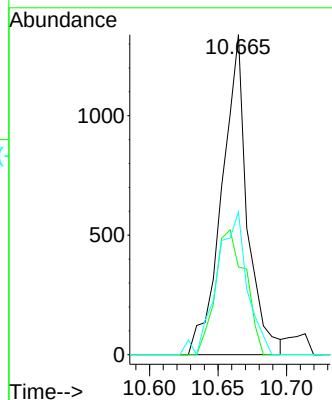
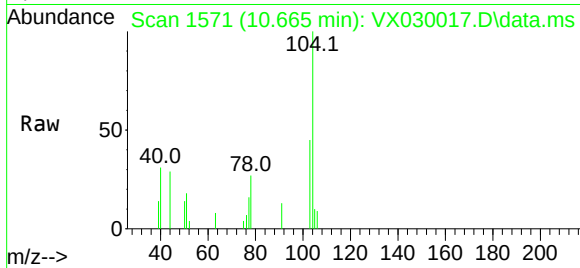




#70
Styrene
Concen: 0.299 ug/l
RT: 10.665 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX030017.D
Acq: 12 Jul 2022 13:53

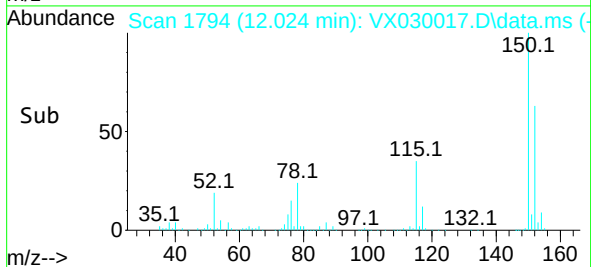
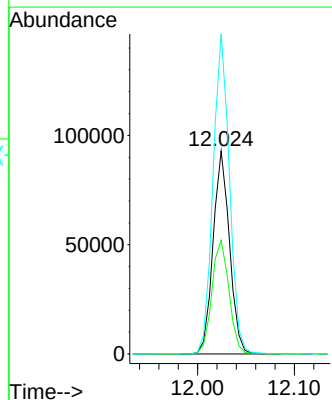
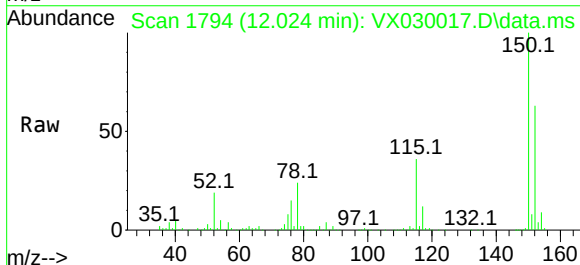
Instrument :
MSVOA_X
ClientSampleId :
IBLK

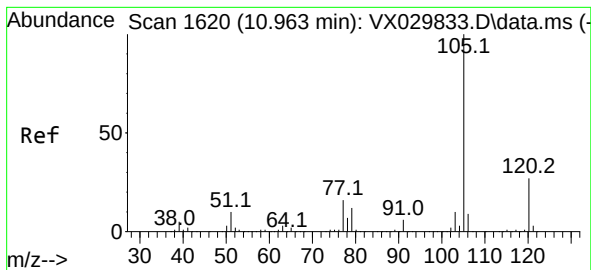
Tgt Ion:104 Resp: 1733
Ion Ratio Lower Upper
104 100
78 45.7 37.8 56.8
103 52.9 44.5 66.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030017.D
Acq: 12 Jul 2022 13:53

Tgt Ion:152 Resp: 109873
Ion Ratio Lower Upper
152 100
115 58.2 40.5 121.5
150 157.4 0.0 347.0





#73

Isopropylbenzene

Concen: 0.295 ug/l

RT: 10.970 min Scan# 1639

Delta R.T. 0.007 min

Lab File: VX030017.D

Acq: 12 Jul 2022 13:53

Instrument :

MSVOA_X

ClientSampleId :

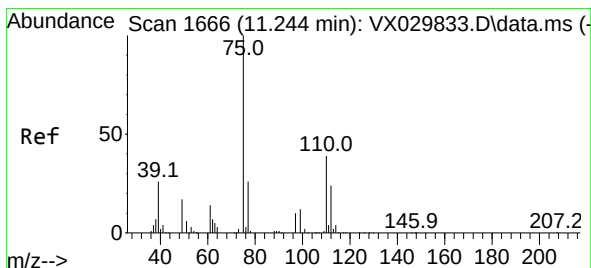
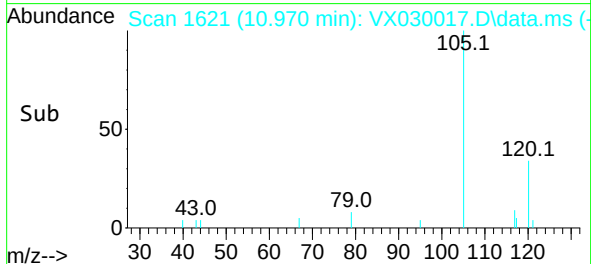
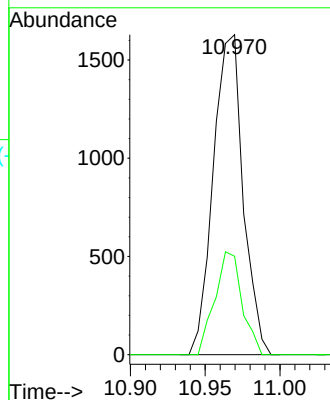
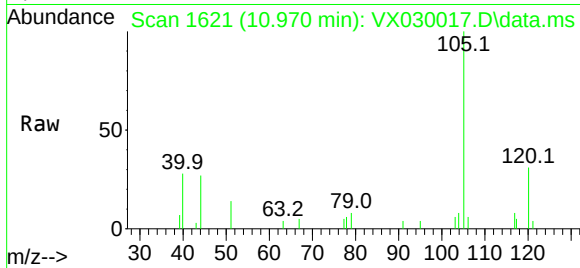
IBLK

Tgt Ion:105 Resp: 2260

Ion Ratio Lower Upper

105 100

120 29.3 13.5 40.4



#76

1,2,3-Trichloropropane

Concen: 20.810 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.165 min

Lab File: VX030017.D

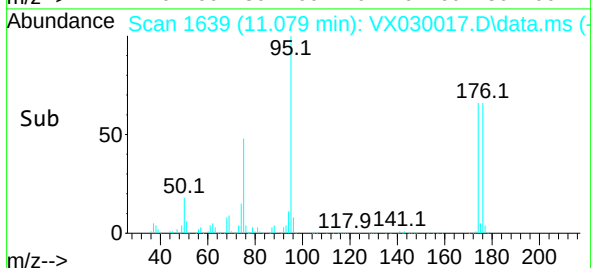
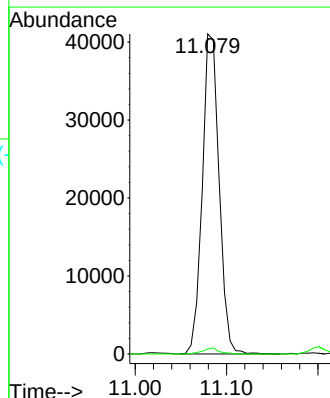
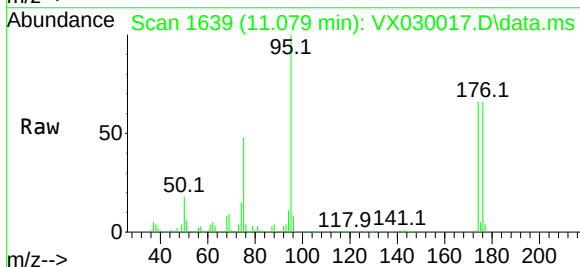
Acq: 12 Jul 2022 13:53

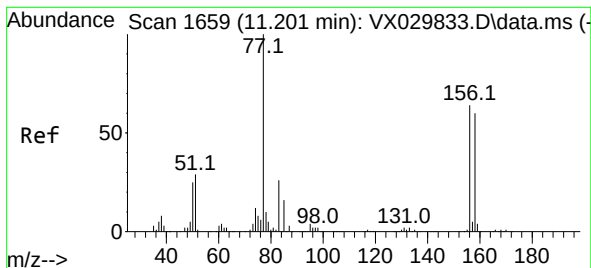
Tgt Ion: 75 Resp: 52570

Ion Ratio Lower Upper

75 100

77 1.8 19.8 59.3#





#77

Bromobenzene

Concen: 0.374 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX030017.D

Acq: 12 Jul 2022 13:53

Instrument :

MSVOA_X

ClientSampleId :

IBLK

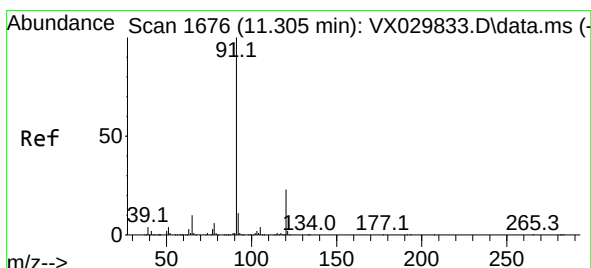
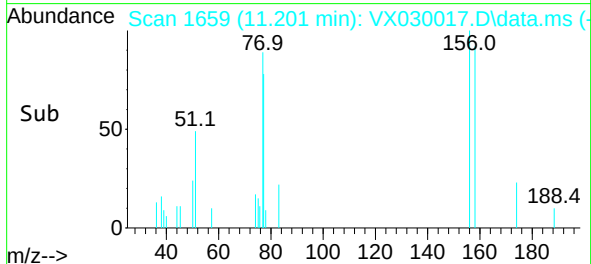
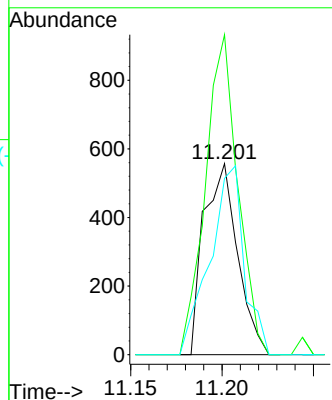
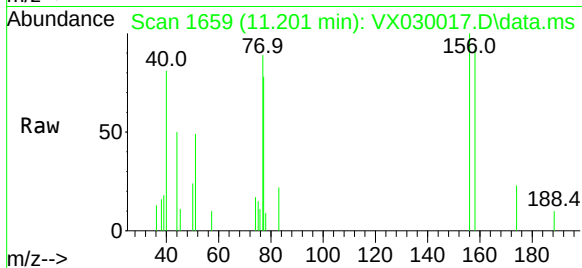
Tgt Ion:156 Resp: 716

Ion Ratio Lower Upper

156 100

77 161.0 82.7 247.9

158 100.6 47.5 142.5



#78

n-propylbenzene

Concen: 0.410 ug/l

RT: 11.311 min Scan# 1677

Delta R.T. 0.006 min

Lab File: VX030017.D

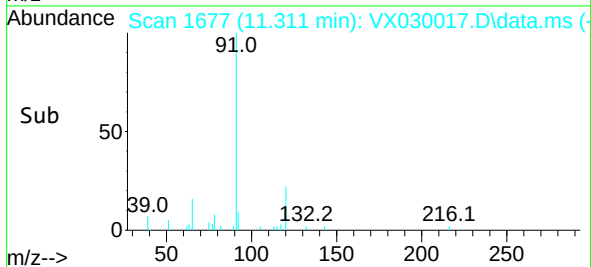
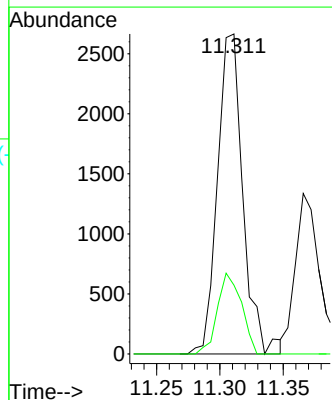
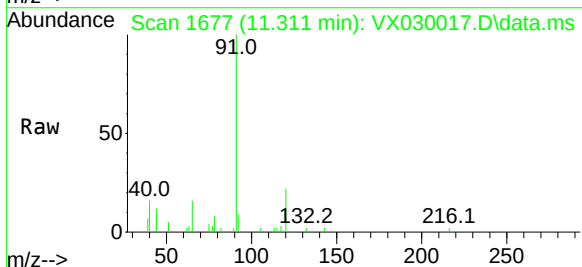
Acq: 12 Jul 2022 13:53

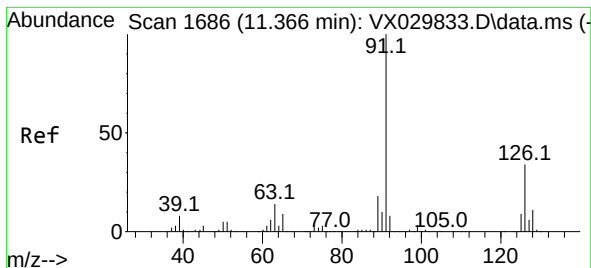
Tgt Ion: 91 Resp: 3723

Ion Ratio Lower Upper

91 100

120 23.8 11.6 34.8

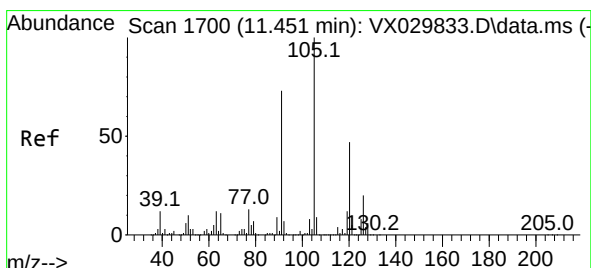
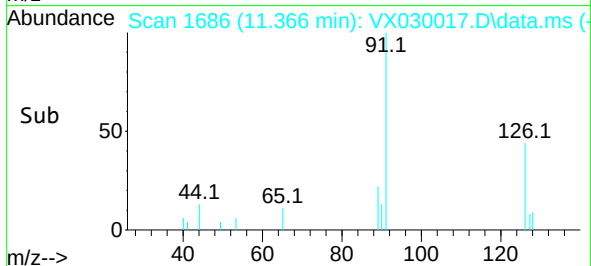
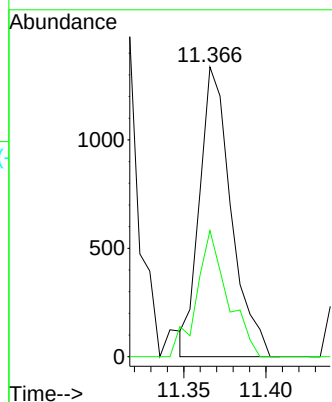
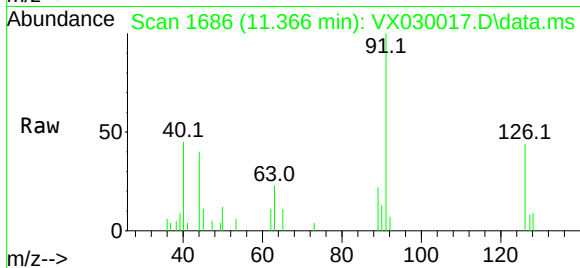




#79
2-Chlorotoluene
Concen: 0.328 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX030017.D
Acq: 12 Jul 2022 13:53

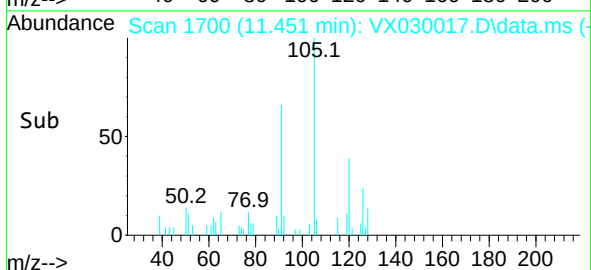
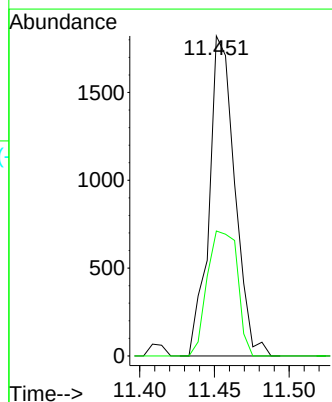
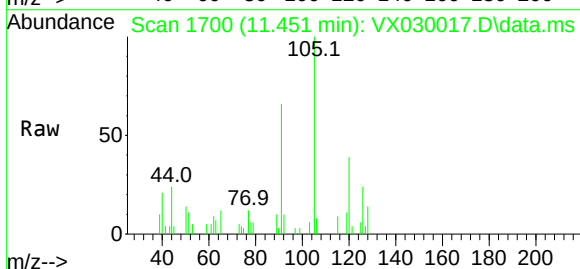
Instrument :
MSVOA_X
ClientSampleId :
IBLK

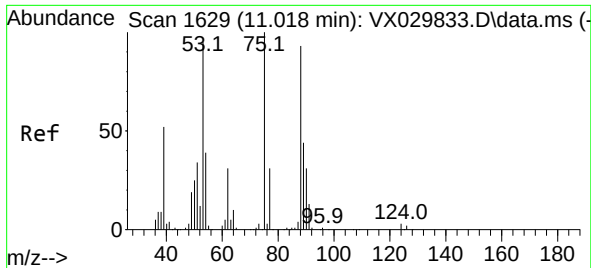
Tgt Ion: 91 Resp: 1783
Ion Ratio Lower Upper
91 100
126 42.9 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 0.337 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX030017.D
Acq: 12 Jul 2022 13:53

Tgt Ion: 105 Resp: 2174
Ion Ratio Lower Upper
105 100
120 45.8 24.4 73.2

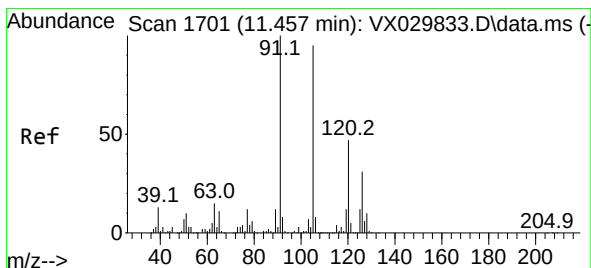
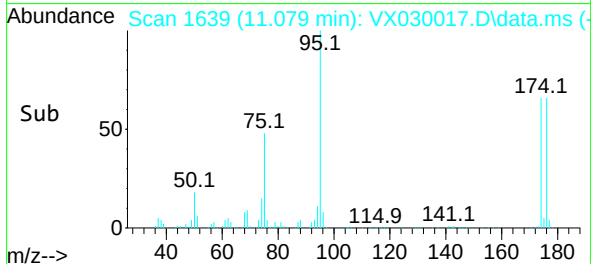
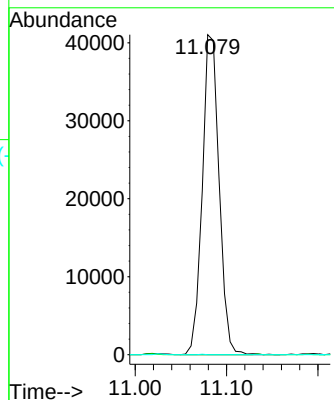
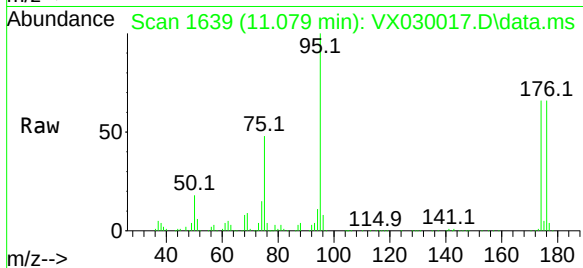




#81
trans-1,4-Dichloro-2-butene
Concen: 60.057 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX030017.D
Acq: 12 Jul 2022 13:53

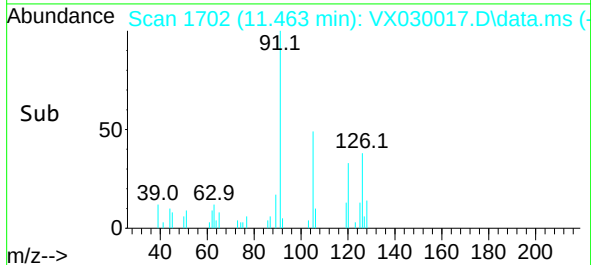
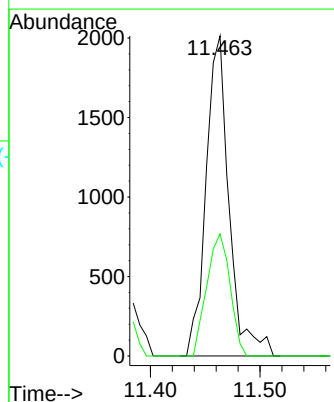
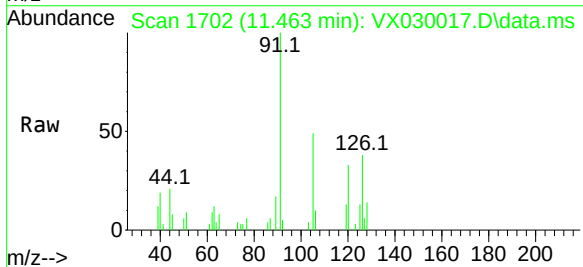
Instrument :
MSVOA_X
ClientSampleId :
IBLK

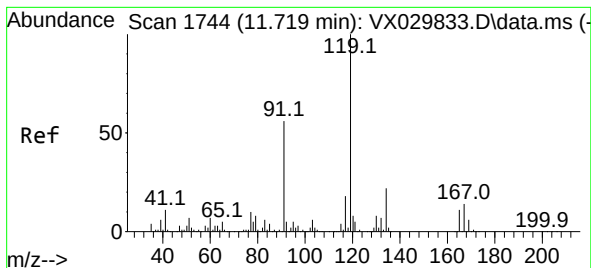
Tgt Ion: 75 Resp: 52570
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#



#82
4-Chlorotoluene
Concen: 0.481 ug/l
RT: 11.463 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VX030017.D
Acq: 12 Jul 2022 13:53

Tgt Ion: 91 Resp: 2932
Ion Ratio Lower Upper
91 100
126 38.4 15.3 45.9





#83

tert-Butylbenzene

Concen: 0.291 ug/l

RT: 11.720 min Scan# 1744

Delta R.T. 0.001 min

Lab File: VX030017.D

Acq: 12 Jul 2022 13:53

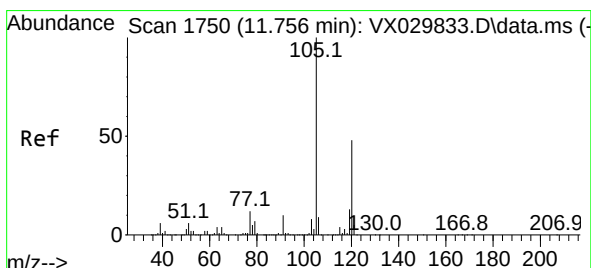
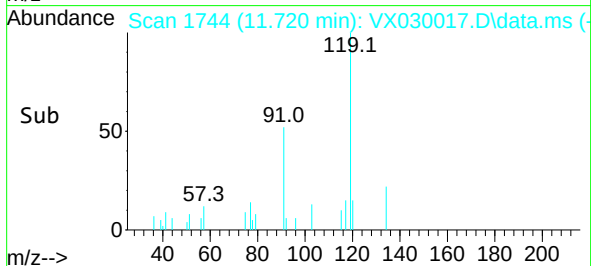
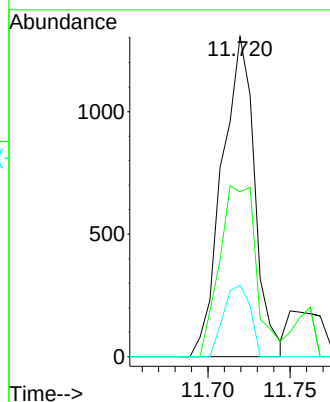
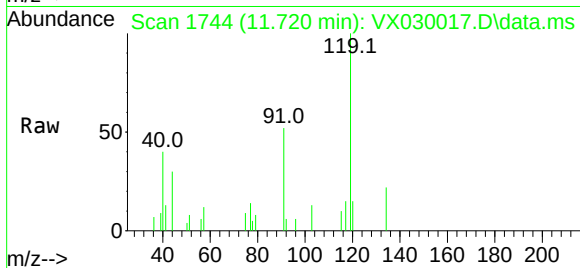
Instrument :

MSVOA_X

ClientSampleId :

IBLK

Tgt Ion:119	Resp:	1802
Ion	Ratio	Lower Upper
119	100	
91	60.3	28.3 84.9
134	18.2	11.2 33.5



#84

1,2,4-Trimethylbenzene

Concen: 0.320 ug/l

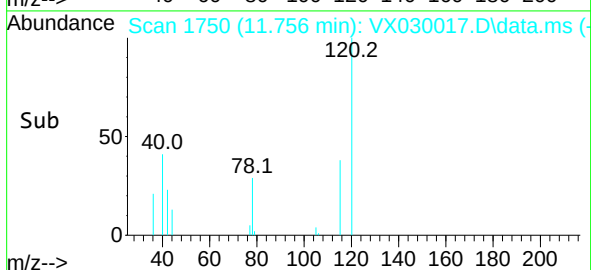
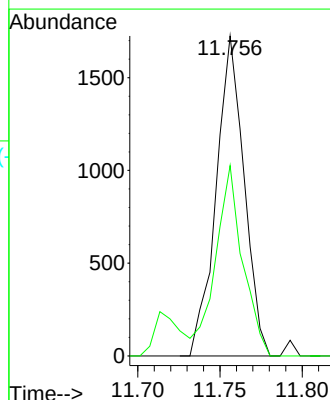
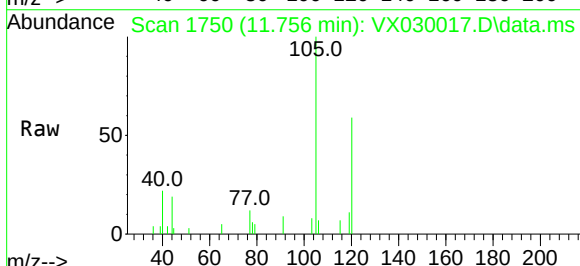
RT: 11.756 min Scan# 1750

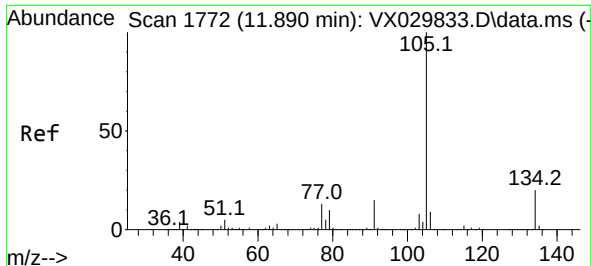
Delta R.T. 0.000 min

Lab File: VX030017.D

Acq: 12 Jul 2022 13:53

Tgt Ion:105	Resp:	2042
Ion	Ratio	Lower Upper
105	100	
120	57.5	22.9 68.8

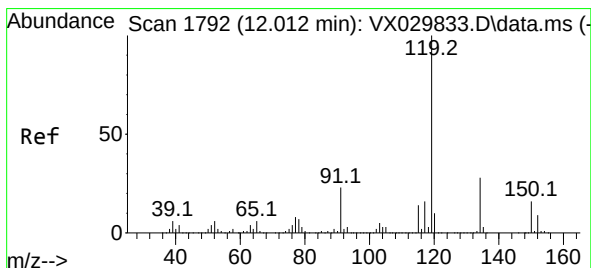
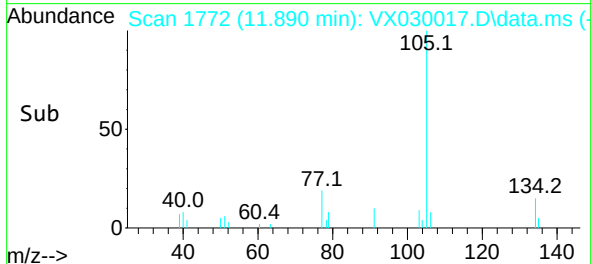
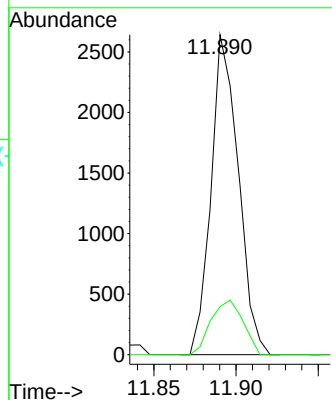
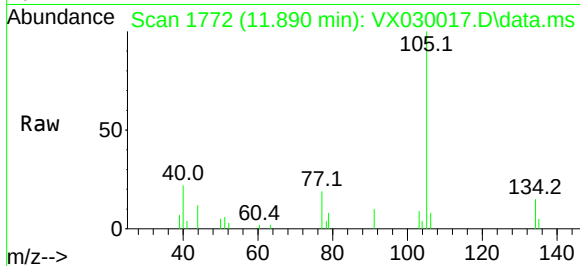




#85
 sec-Butylbenzene
 Concen: 0.373 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX030017.D
 Acq: 12 Jul 2022 13:53

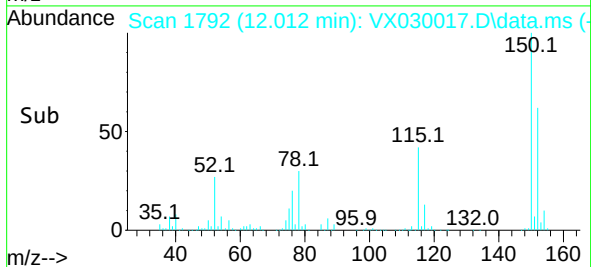
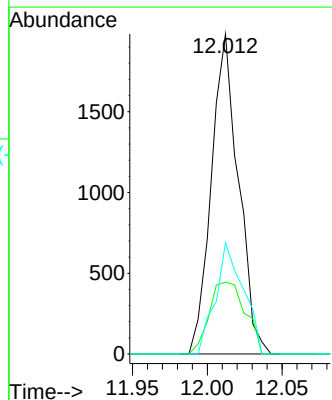
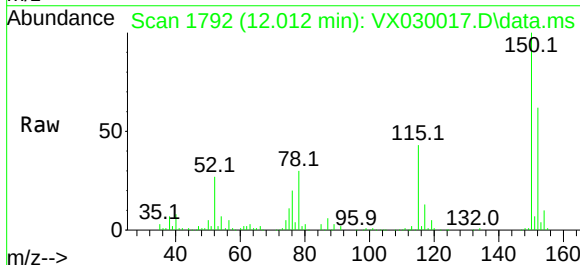
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

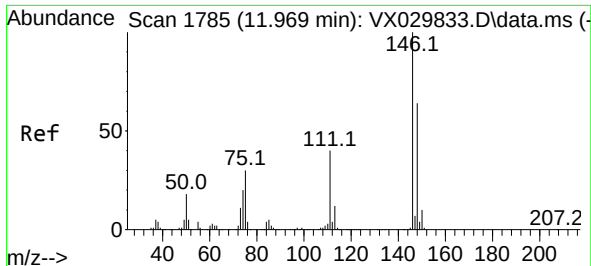
Tgt Ion:105 Resp: 3046
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 0.381 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX030017.D
 Acq: 12 Jul 2022 13:53

Tgt Ion:119 Resp: 2496
 Ion Ratio Lower Upper
 119 100
 134 29.8 13.9 41.6
 91 35.7 11.8 35.3#

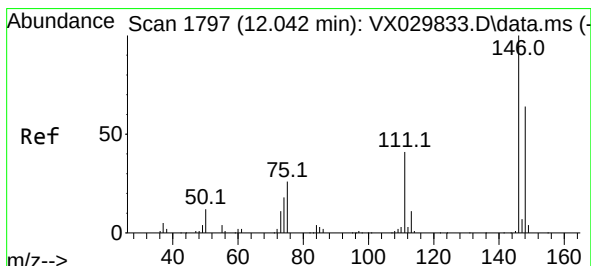
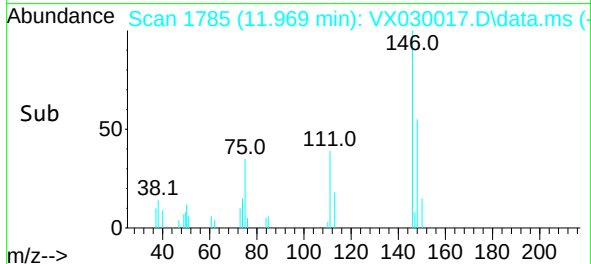
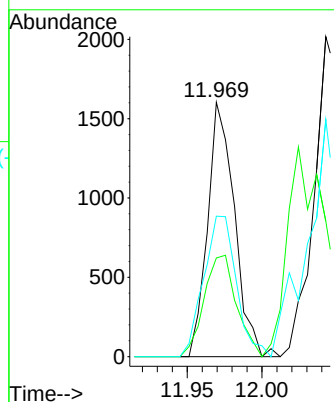
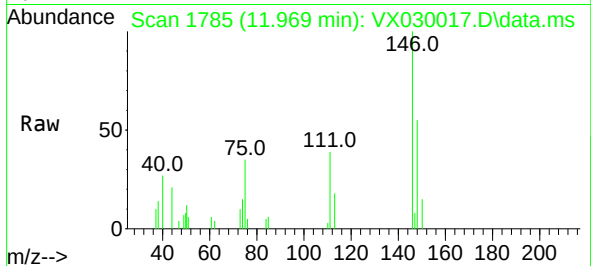




#87
 1,3-Dichlorobenzene
 Concen: 0.567 ug/l
 RT: 11.969 min Scan# 1785
 Delta R.T. 0.000 min
 Lab File: VX030017.D
 Acq: 12 Jul 2022 13:53

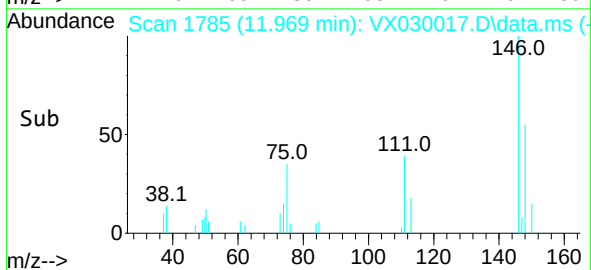
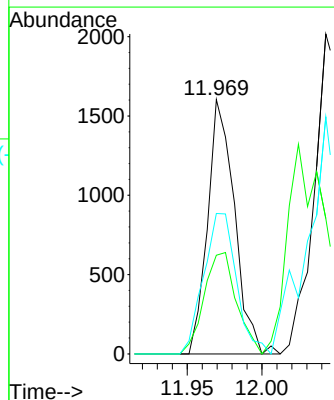
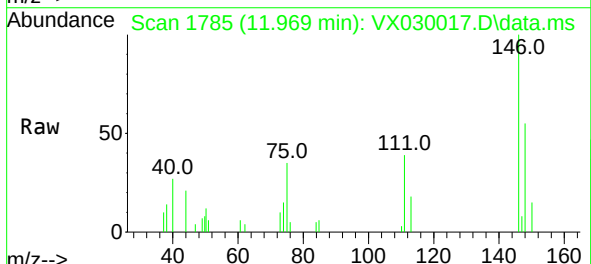
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

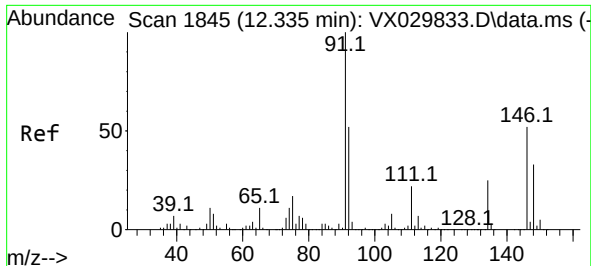
Tgt Ion:146	Resp:	2005	
Ion	Ratio	Lower	Upper
146	100		
111	48.0	20.3	60.8
148	67.0	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 0.552 ug/l
 RT: 11.969 min Scan# 1785
 Delta R.T. -0.073 min
 Lab File: VX030017.D
 Acq: 12 Jul 2022 13:53

Tgt Ion:146	Resp:	2005	
Ion	Ratio	Lower	Upper
146	100		
111	48.0	20.3	60.9
148	67.0	32.3	96.8





#89

n-Butylbenzene

Concen: 0.627 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX030017.D

Acq: 12 Jul 2022 13:53

Instrument :

MSVOA_X

ClientSampleId :

IBLK

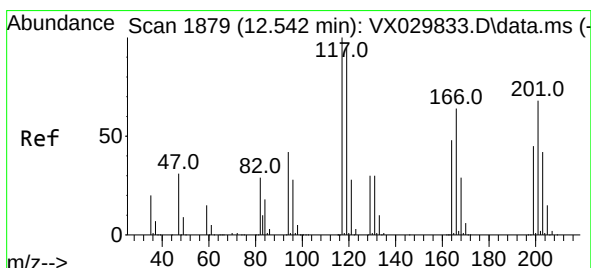
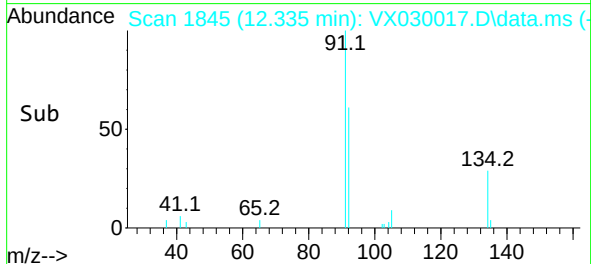
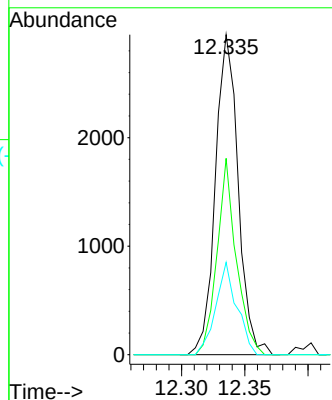
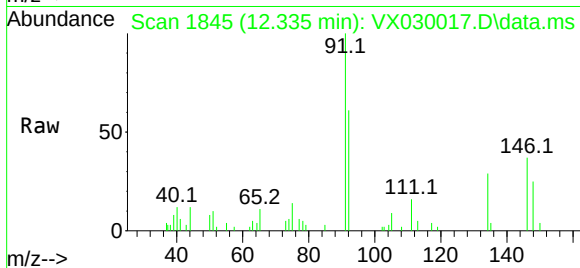
Tgt Ion: 91 Resp: 3686

Ion Ratio Lower Upper

91 100

92 51.9 26.2 78.5

134 26.7 12.6 37.8



#90

Hexachloroethane

Concen: 0.338 ug/l

RT: 12.543 min Scan# 1879

Delta R.T. 0.001 min

Lab File: VX030017.D

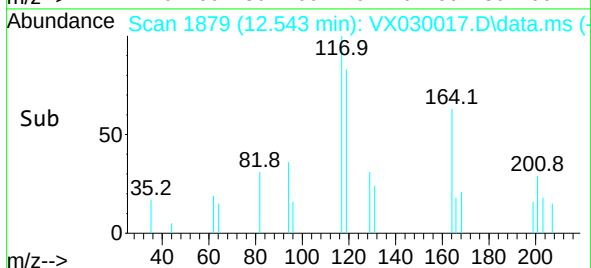
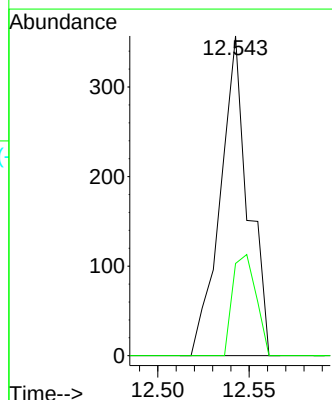
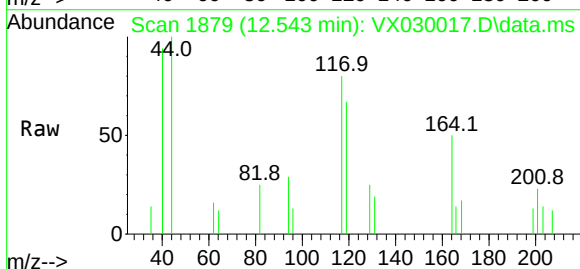
Acq: 12 Jul 2022 13:53

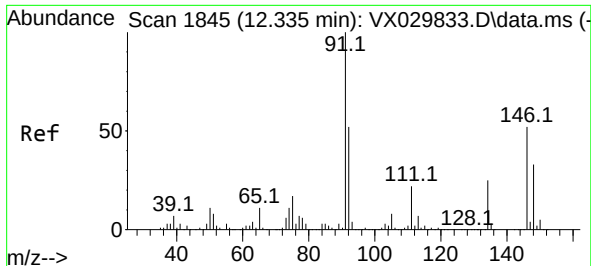
Tgt Ion: 117 Resp: 379

Ion Ratio Lower Upper

117 100

201 26.6 34.2 102.5#





#91

1,2-Dichlorobenzene

Concen: 0.451 ug/l

RT: 12.341 min Scan# 1846

Delta R.T. 0.006 min

Lab File: VX030017.D

Acq: 12 Jul 2022 13:53

Instrument :

MSVOA_X

ClientSampleId :

IBLK

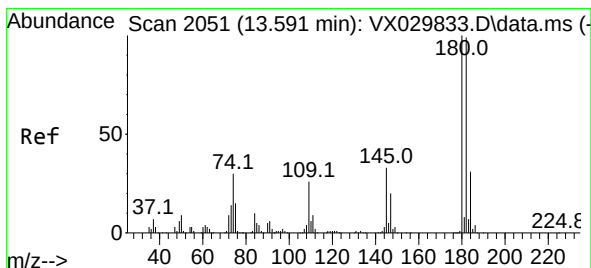
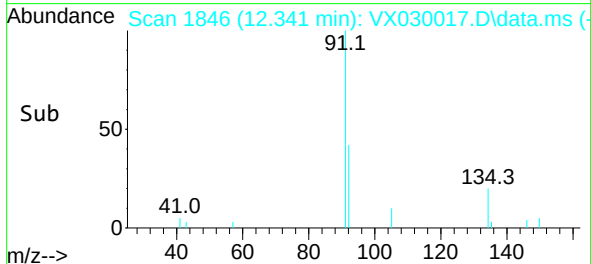
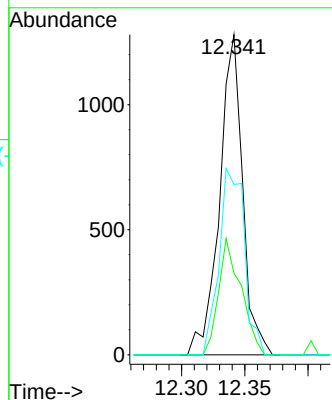
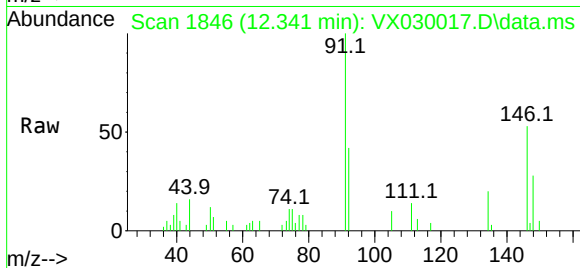
Tgt Ion:146 Resp: 1619

Ion Ratio Lower Upper

146 100

111 35.5 20.7 62.1

148 63.7 32.0 96.2



#93

1,2,4-Trichlorobenzene

Concen: 1.006 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX030017.D

Acq: 12 Jul 2022 13:53

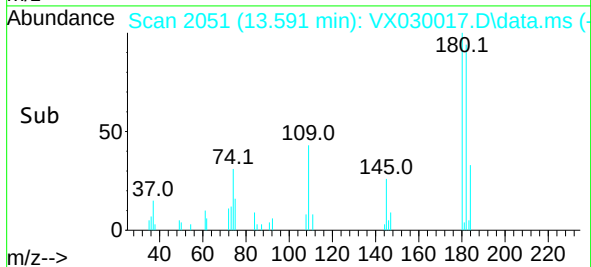
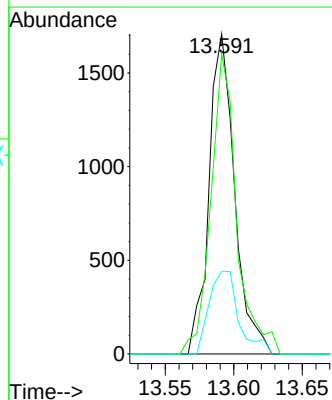
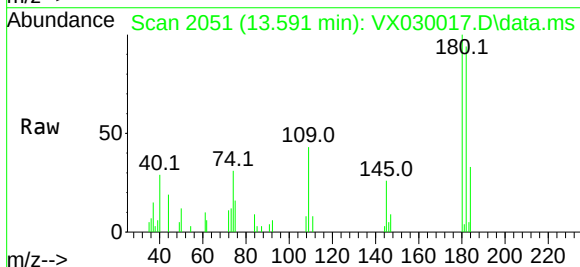
Tgt Ion:180 Resp: 2221

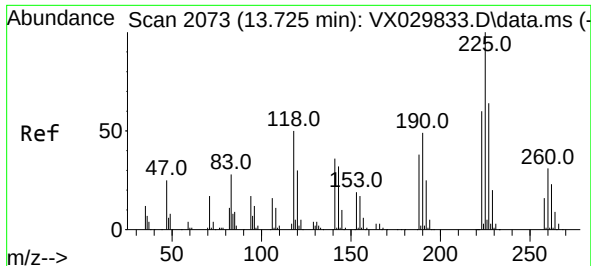
Ion Ratio Lower Upper

180 100

182 94.1 48.2 144.6

145 29.9 15.9 47.6

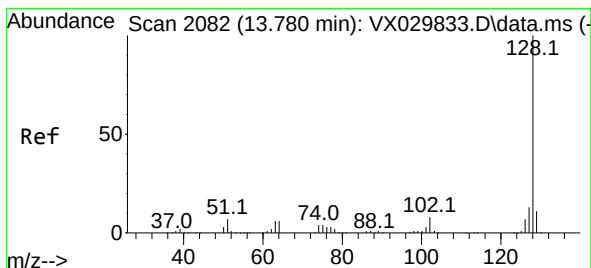
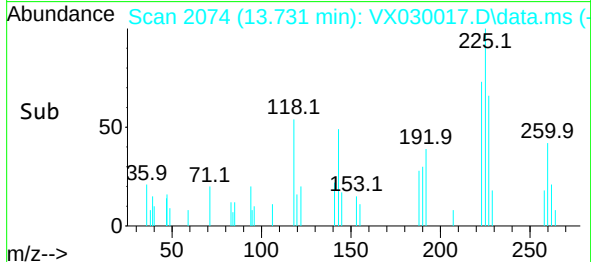
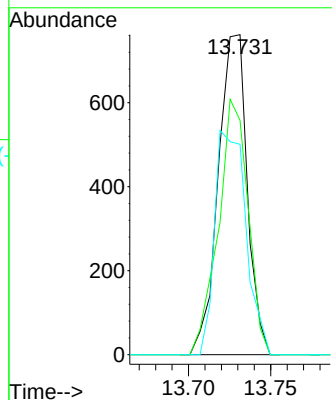
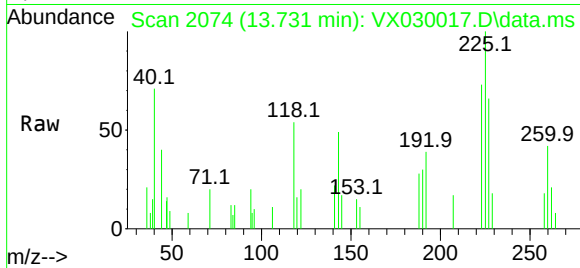




#94
Hexachlorobutadiene
Concen: 1.060 ug/l
RT: 13.731 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VX030017.D
Acq: 12 Jul 2022 13:53

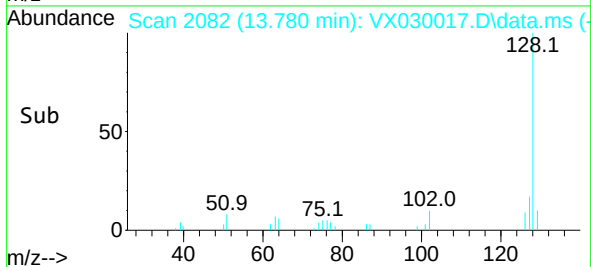
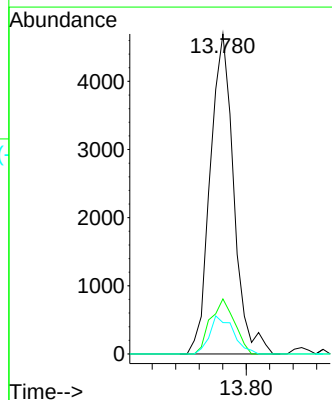
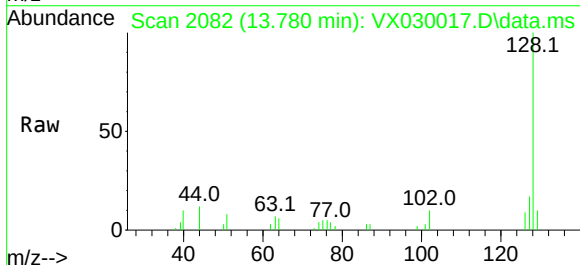
Instrument :
MSVOA_X
ClientSampleId :
IBLK

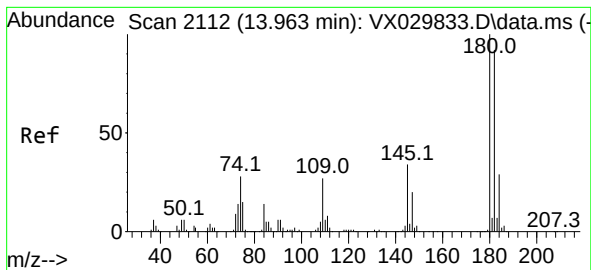
Tgt Ion:225 Resp: 934
Ion Ratio Lower Upper
225 100
223 81.8 30.6 91.6
227 75.3 31.9 95.9



#95
Naphthalene
Concen: 0.745 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX030017.D
Acq: 12 Jul 2022 13:53

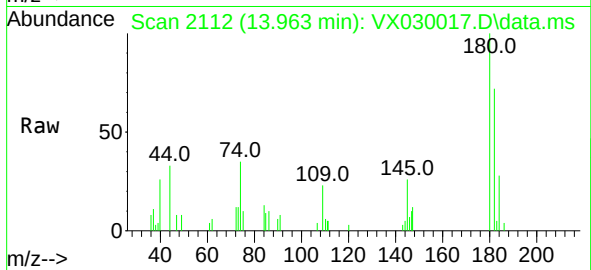
Tgt Ion:128 Resp: 6526
Ion Ratio Lower Upper
128 100
127 17.6 10.2 15.2#
129 11.9 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.884 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VX030017.D
 Acq: 12 Jul 2022 13:53

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK



Tgt Ion:	180	Resp:	1986
Ion Ratio	Lower	Upper	
180	100		
182	91.6	47.0	141.0
145	29.7	17.0	50.9

