

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093022\
 Data File : VX031811.D
 Acq On : 30 Sep 2022 13:44
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Oct 03 01:02:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X093022W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Oct 03 00:56:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.897	128	23785	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	128725	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	112666	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	52609	29.387	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	97.967%
60) 4-Bromofluorobenzene	11.079	95	59070	28.328	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	94.433%
63) Toluene-d8	8.653	98	172610	30.157	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.533%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	435	0.439	ug/l	90
3) Chloromethane	1.288	50	434	0.418	ug/l	97
5) Bromomethane	1.624	94	1242	0.974	ug/l #	57
7) Trichlorofluoromethane	1.886	101	876	0.294	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.325	101	564	0.399	ug/l	78
10) 1,1-Dichloroethene	2.319	96	454	0.348	ug/l	85
11) Methyl Iodide	2.459	142	939	0.657	ug/l	95
14) Acrylonitrile	3.075	53	592	0.935	ug/l	85
16) Carbon Disulfide	2.508	76	4779	1.668	ug/l	96
18) Methylene Chloride	2.788	84	1036	0.693	ug/l	94
19) trans-1,2-Dichloroethene	3.093	96	1098	0.726	ug/l	99
22) cis-1,2-Dichloroethene	4.507	96	452	0.247	ug/l #	33
37) Trichloroethene	7.135	130	790	0.410	ug/l #	70
38) Methylcyclohexane	7.379	83	904	0.370	ug/l #	81
40) Dibromomethane	7.586	93	411	0.348	ug/l #	37
55) 2-Chloroethyl vinyl ether	8.250	63	620	0.570	ug/l	98
61) Tetrachloroethene	9.281	164	705	0.390	ug/l #	85
62) Toluene	8.726	91	1352	0.210	ug/l	97
64) Chlorobenzene	10.079	112	1333	0.303	ug/l	95
66) Ethyl Benzene	10.195	91	1830	0.252	ug/l	92
67) m/p-Xylenes	10.305	106	1822	0.602	ug/l	96
69) Styrene	10.659	104	1181	0.245	ug/l	94
70) Isopropylbenzene	10.963	105	1978	0.256	ug/l	92
73) Bromobenzene	11.201	156	621	0.300	ug/l	92
74) n-propylbenzene	11.305	91	2834	0.334	ug/l	98
75) 2-Chlorotoluene	11.366	91	1545	0.303	ug/l	100
76) 1,3,5-Trimethylbenzene	11.457	105	1727	0.265	ug/l	93
78) 4-Chlorotoluene	11.457	91	2463	0.423	ug/l	95
79) tert-butylbenzene	11.719	119	1568	0.240	ug/l	86
80) 1,2,4-Trimethylbenzene	11.756	105	1752	0.271	ug/l	96
81) sec-Butylbenzene	11.890	105	2606	0.325	ug/l	100
82) p-Isopropyltoluene	12.012	119	2316	0.329	ug/l	97
83) 1,3-Dichlorobenzene	11.969	146	1914	0.488	ug/l	97
84) 1,4-Dichlorobenzene	12.042	146	2267	0.564	ug/l	98
85) n-Butylbenzene	12.335	91	2676	0.493	ug/l	90
87) 1,2-Dichlorobenzene	12.341	146	1509	0.386	ug/l	91
89) 1,2,4-Trichlorobenzene	13.591	180	1943	0.768	ug/l	89
90) Hexachlorobutadiene	13.725	225	2689	2.645	ug/l	97
91) Naphthalene	13.780	128	4666	0.576	ug/l #	96

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ClientSampleId :
IBLK

Quant Time: Oct 03 01:02:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X093022W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Oct 03 00:56:55 2022
Response via : Initial Calibration

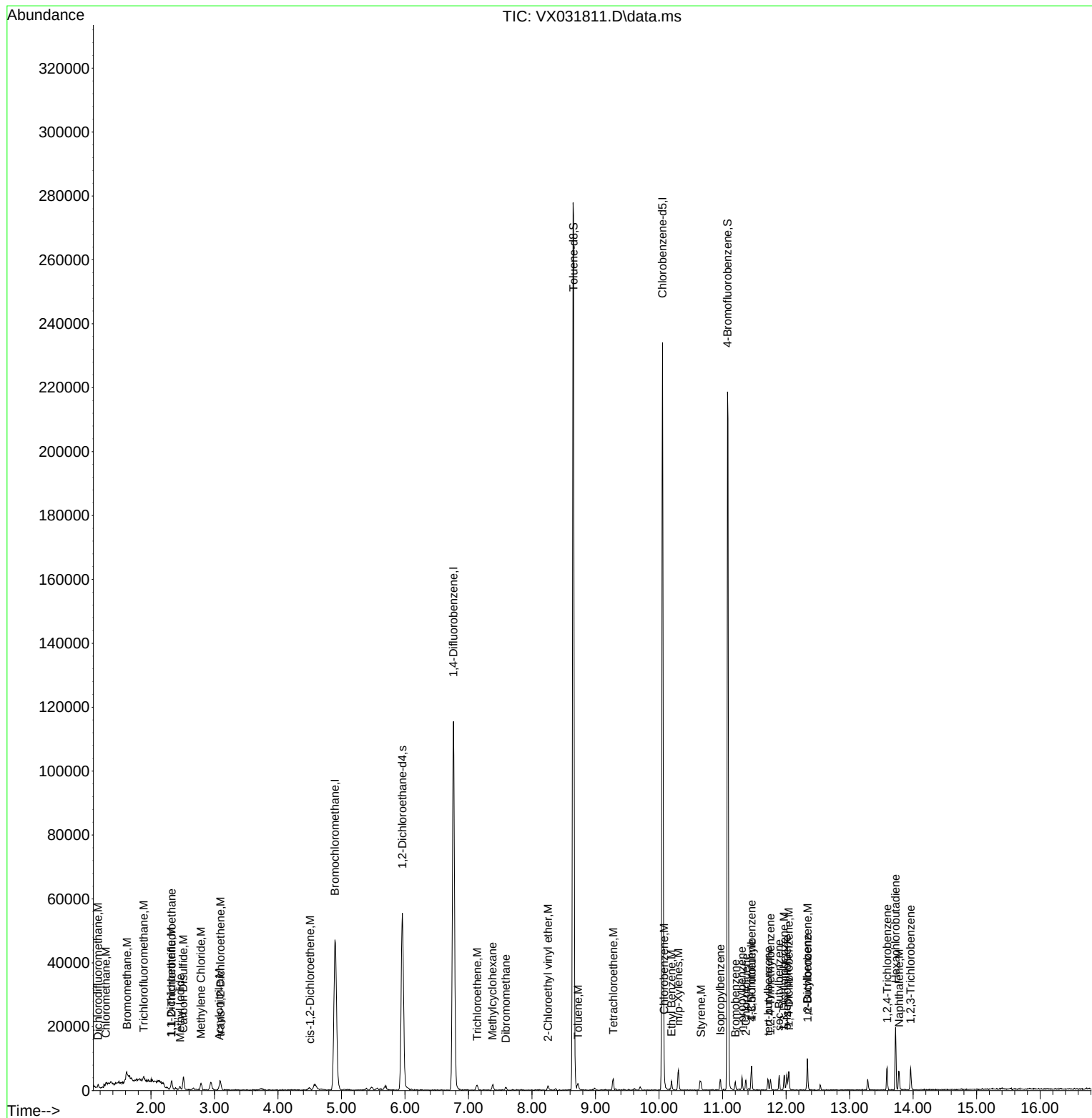
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2,3-Trichlorobenzene	13.963	180	2006	0.800	ug/l	92

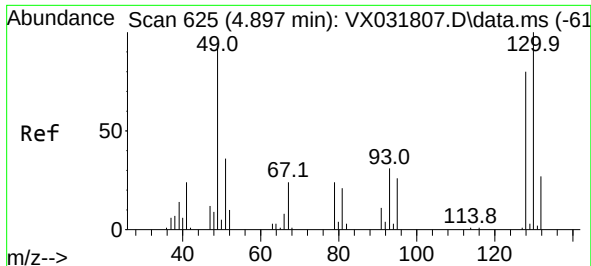
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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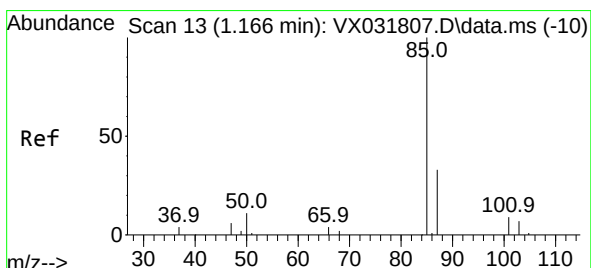
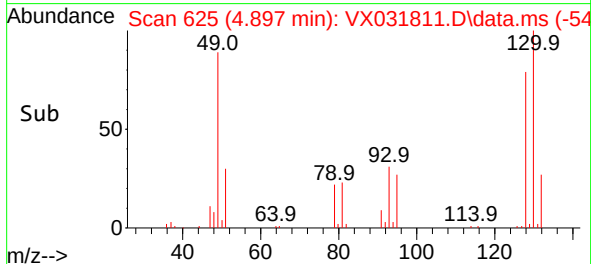
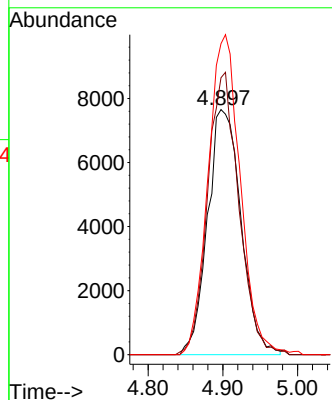
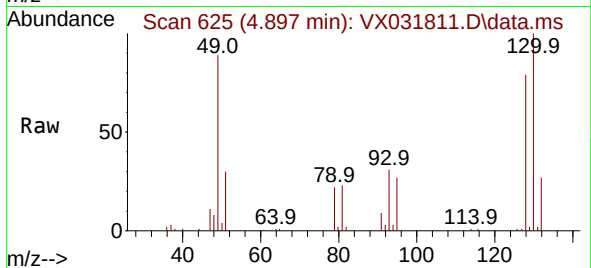




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX031811.D
Acq: 30 Sep 2022 13:44

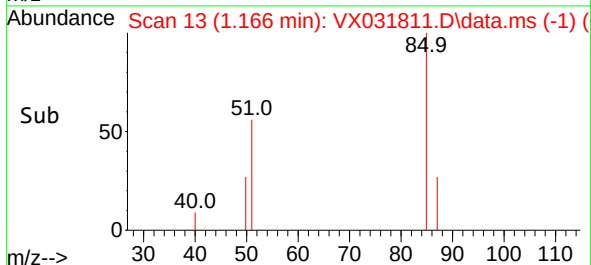
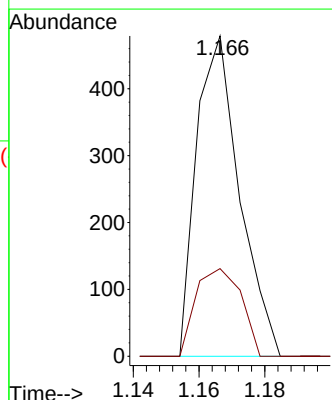
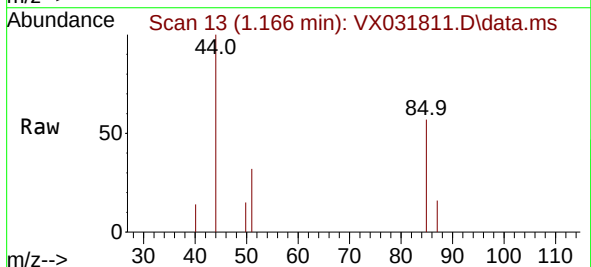
Instrument :
MSVOA_X
ClientSampleId :
IBLK

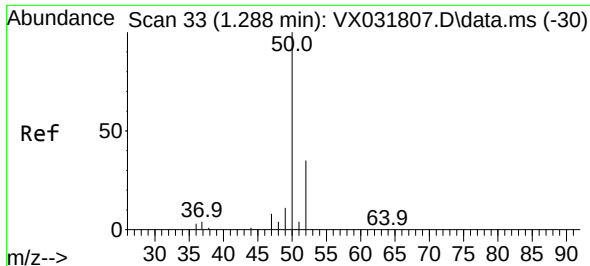
Tgt Ion:128 Resp: 23785
Ion Ratio Lower Upper
128 100
49 107.7 0.0 293.0
130 125.8 0.0 321.5



#2
Dichlorodifluoromethane
Concen: 0.439 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX031811.D
Acq: 30 Sep 2022 13:44

Tgt Ion: 85 Resp: 435
Ion Ratio Lower Upper
85 100
87 27.3 16.5 49.5

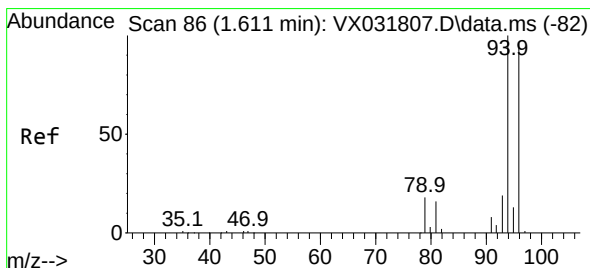
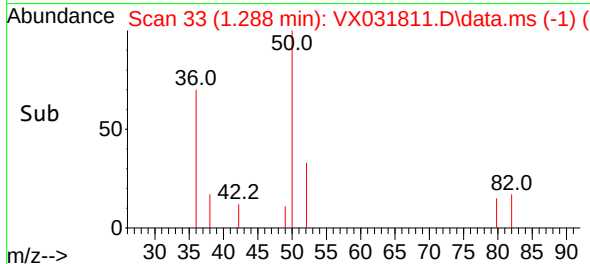
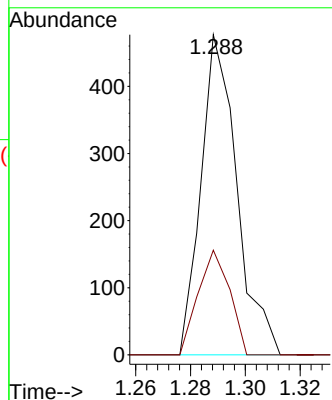
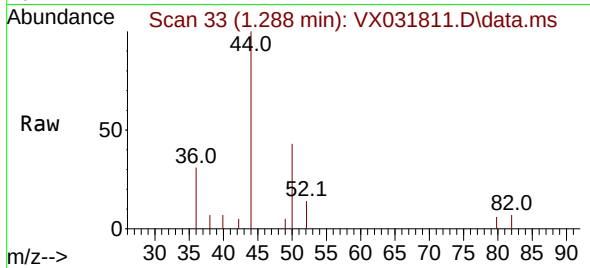




#3
Chloromethane
Concen: 0.418 ug/l
RT: 1.288 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX031811.D
Acq: 30 Sep 2022 13:44

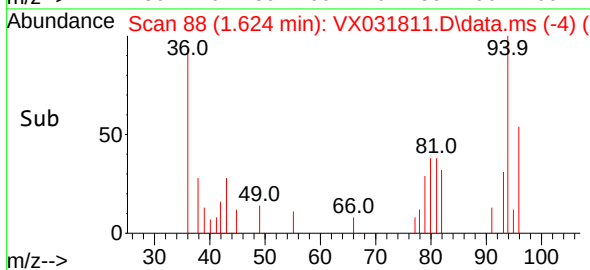
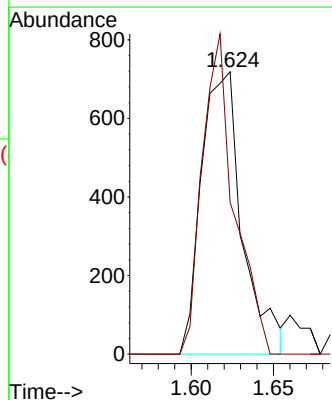
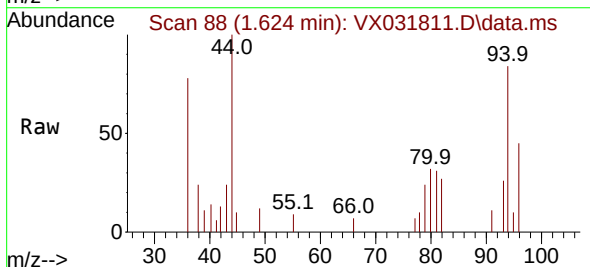
Instrument :
MSVOA_X
ClientSampleId :
IBLK

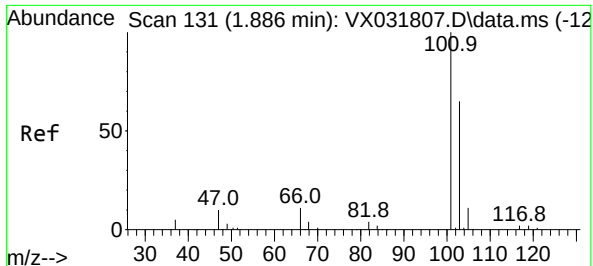
Tgt Ion: 50 Resp: 434
Ion Ratio Lower Upper
50 100
52 32.7 27.6 41.4



#5
Bromomethane
Concen: 0.974 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.012 min
Lab File: VX031811.D
Acq: 30 Sep 2022 13:44

Tgt Ion: 94 Resp: 1242
Ion Ratio Lower Upper
94 100
96 53.7 76.8 115.2#

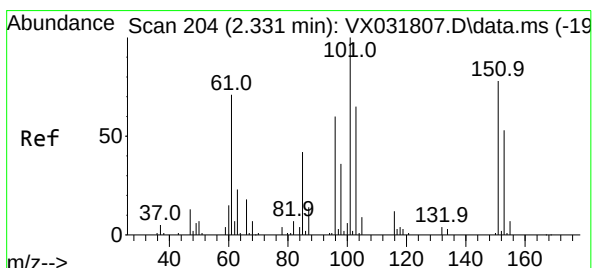
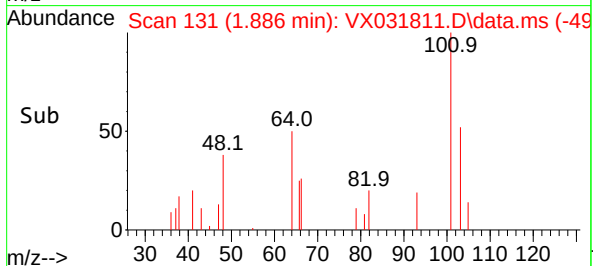
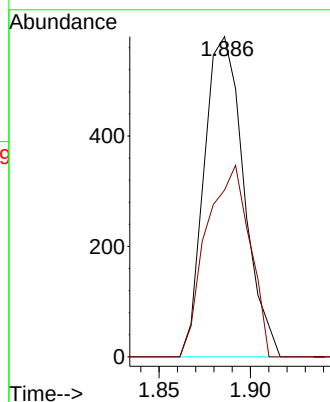
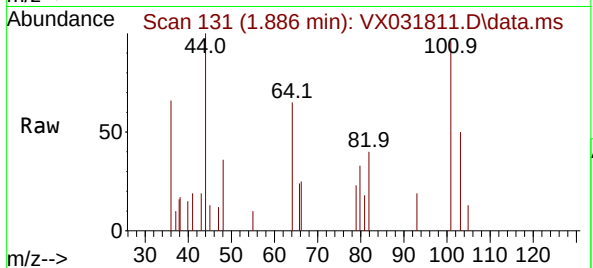




#7
 Trichlorofluoromethane
 Concen: 0.294 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX031811.D
 Acq: 30 Sep 2022 13:44

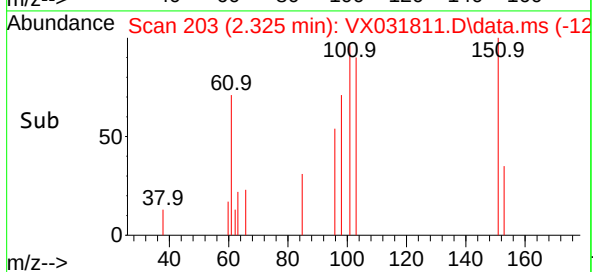
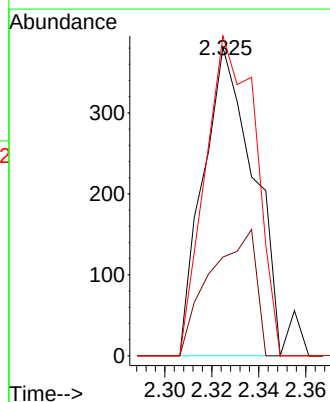
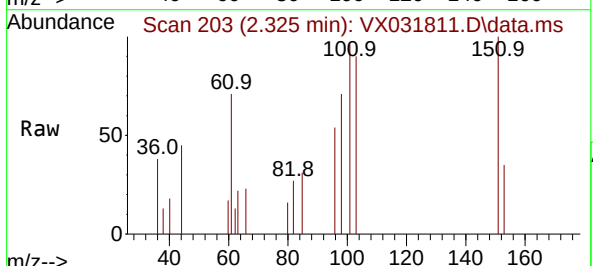
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

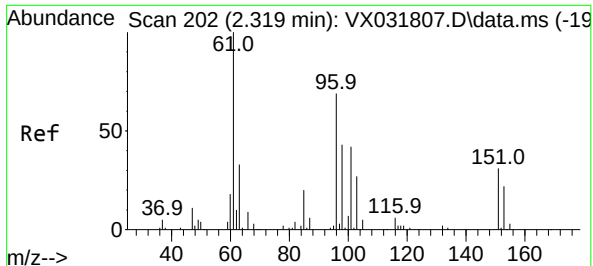
Tgt Ion:101 Resp: 876
 Ion Ratio Lower Upper
 101 100
 103 52.1 51.7 77.5



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.399 ug/l
 RT: 2.325 min Scan# 203
 Delta R.T. -0.006 min
 Lab File: VX031811.D
 Acq: 30 Sep 2022 13:44

Tgt Ion:101 Resp: 564
 Ion Ratio Lower Upper
 101 100
 85 37.2 0.0 88.8
 151 103.5 0.0 156.6





#10

1,1-Dichloroethene

Concen: 0.348 ug/l

RT: 2.319 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX031811.D

Acq: 30 Sep 2022 13:44

Instrument :

MSVOA_X

ClientSampleId :

IBLK

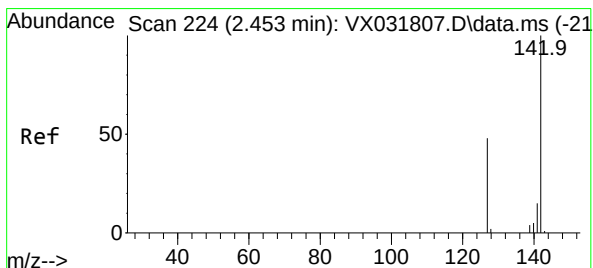
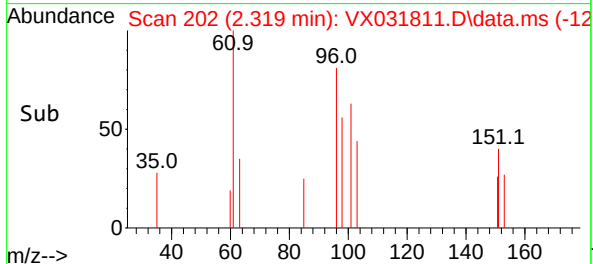
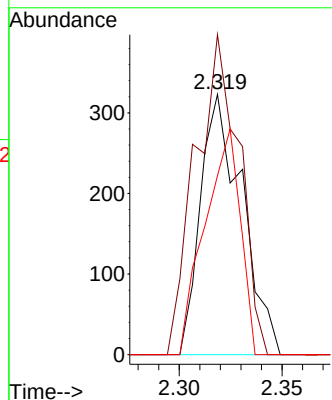
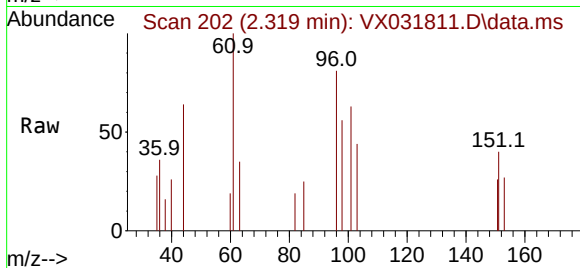
Tgt Ion: 96 Resp: 454

Ion Ratio Lower Upper

96 100

61 122.9 115.8 173.6

98 68.7 49.7 74.5



#11

Methyl Iodide

Concen: 0.657 ug/l

RT: 2.459 min Scan# 225

Delta R.T. 0.006 min

Lab File: VX031811.D

Acq: 30 Sep 2022 13:44

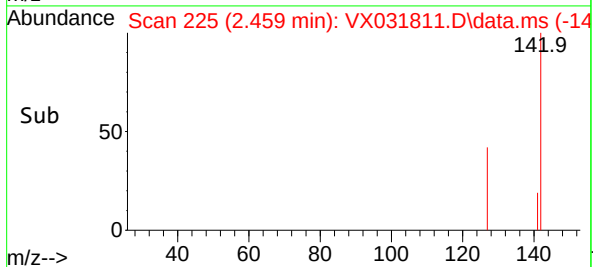
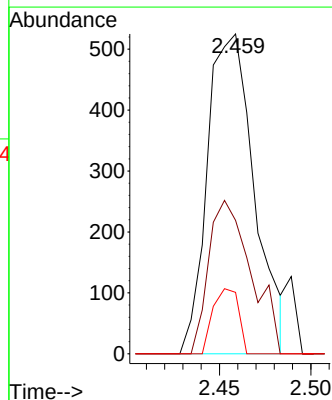
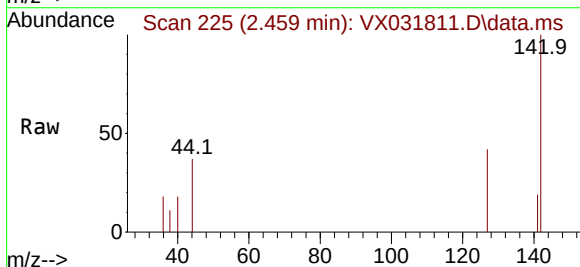
Tgt Ion: 142 Resp: 939

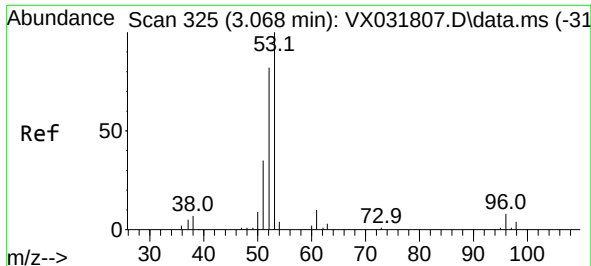
Ion Ratio Lower Upper

142 100

127 45.9 23.8 71.2

141 21.2 7.6 22.8





#14

Acrylonitrile

Concen: 0.935 ug/l

RT: 3.075 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX031811.D

Acq: 30 Sep 2022 13:44

Instrument :

MSVOA_X

ClientSampleId :

IBLK

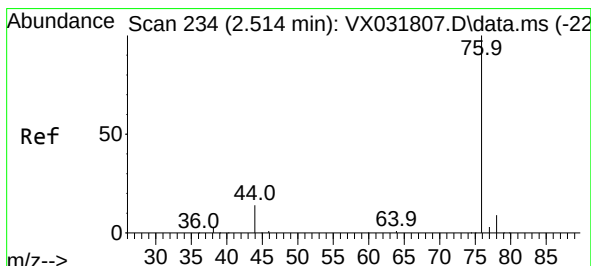
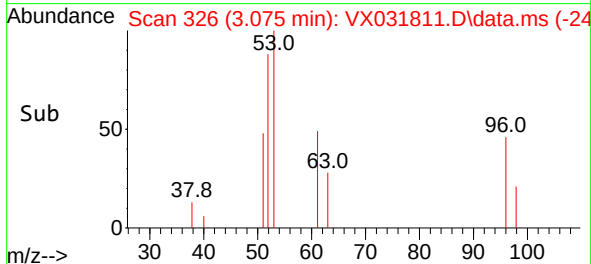
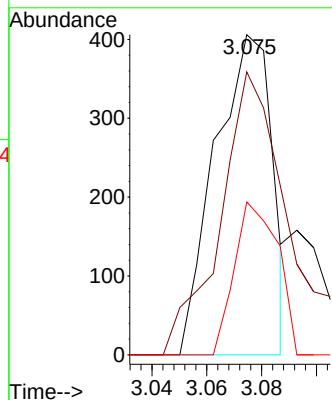
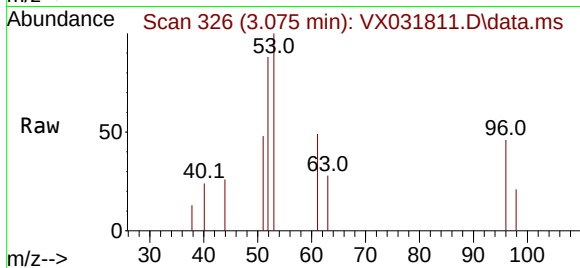
Tgt Ion: 53 Resp: 592

Ion Ratio Lower Upper

53 100

52 101.9 41.5 124.5

51 36.1 18.3 54.9



#16

Carbon Disulfide

Concen: 1.668 ug/l

RT: 2.508 min Scan# 233

Delta R.T. -0.006 min

Lab File: VX031811.D

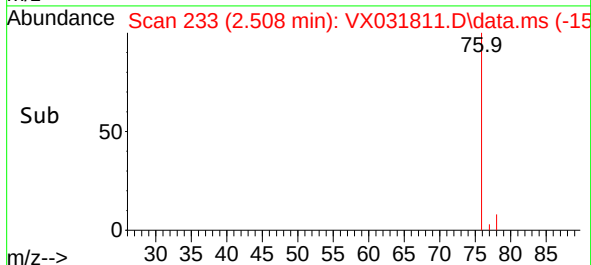
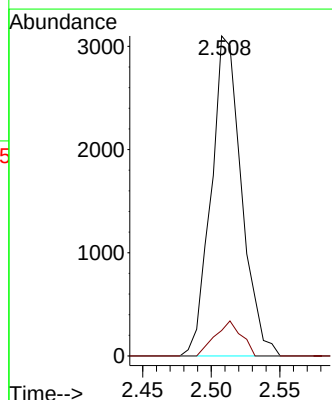
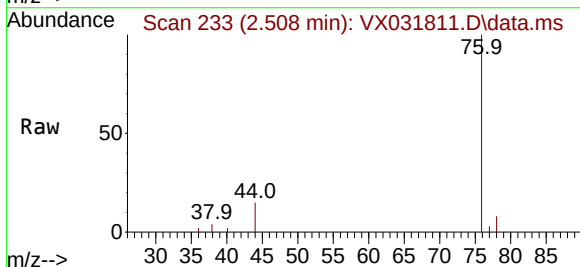
Acq: 30 Sep 2022 13:44

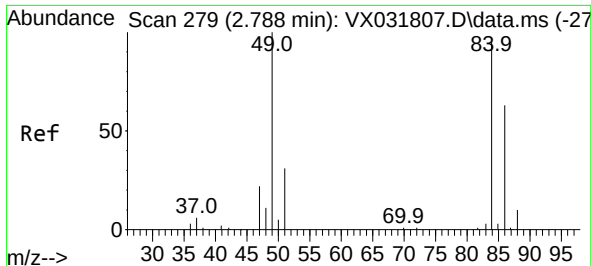
Tgt Ion: 76 Resp: 4779

Ion Ratio Lower Upper

76 100

78 8.0 7.5 11.3

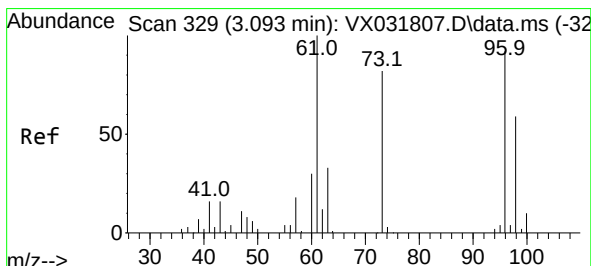
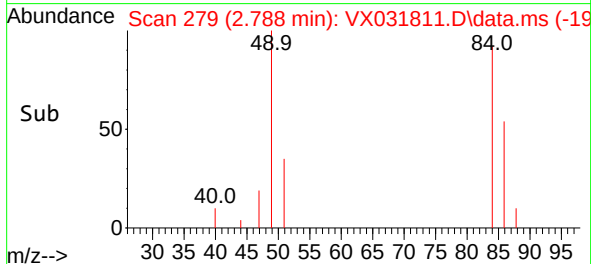
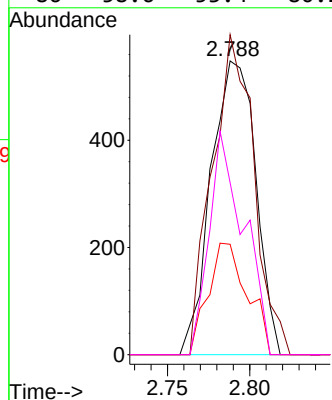
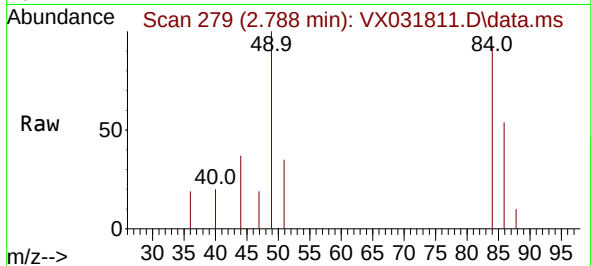




#18
Methylene Chloride
Concen: 0.693 ug/l
RT: 2.788 min Scan# 217
Delta R.T. 0.000 min
Lab File: VX031811.D
Acq: 30 Sep 2022 13:44

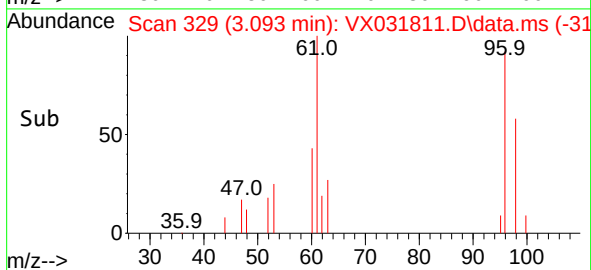
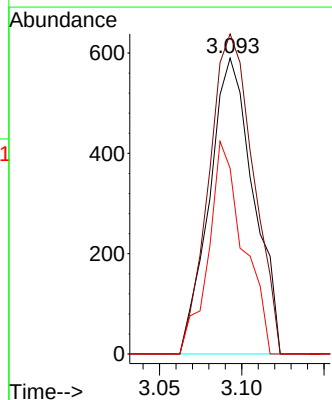
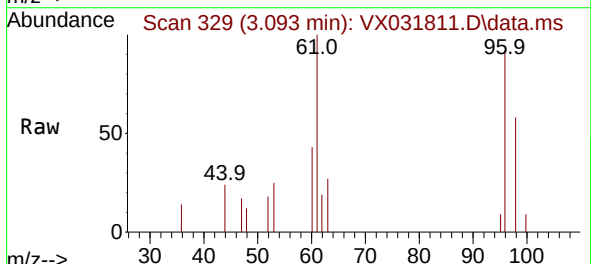
Instrument :
MSVOA_X
ClientSampleId :
IBLK

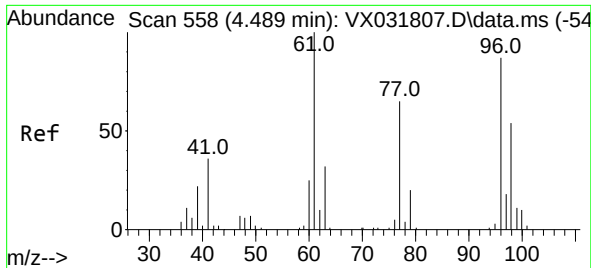
Tgt Ion: 84	Resp: 1036
Ion Ratio	Lower Upper
84 100	
49 108.9	84.6 127.0
51 37.6	26.5 39.7
86 58.6	53.4 80.2



#19
trans-1,2-Dichloroethene
Concen: 0.726 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.000 min
Lab File: VX031811.D
Acq: 30 Sep 2022 13:44

Tgt Ion: 96	Resp: 1098		
Ion Ratio	Lower	Upper	
96	100		
61	108.1	87.4	131.0
98	62.7	51.5	77.3





#22

cis-1,2-Dichloroethene

Concen: 0.247 ug/l

RT: 4.507 min Scan# 5

Delta R.T. 0.018 min

Lab File: VX031811.D

Acq: 30 Sep 2022 13:44

Instrument :

MSVOA_X

ClientSampleId :

IBLK

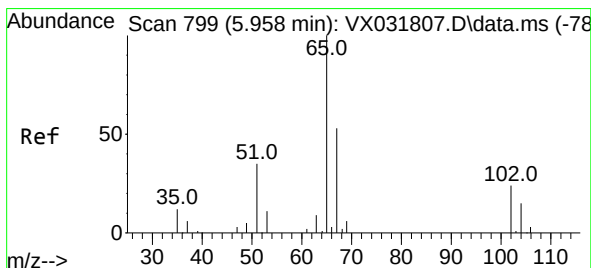
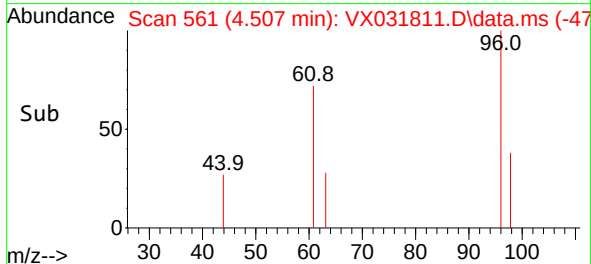
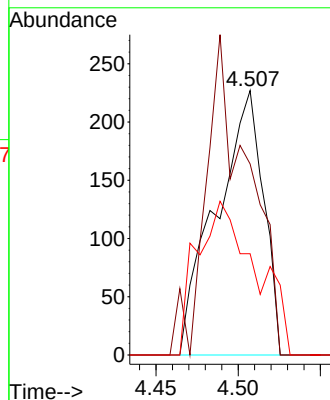
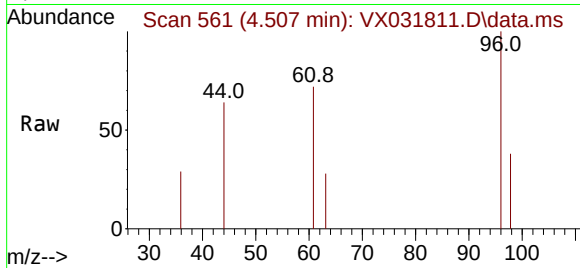
Tgt Ion: 96 Resp: 452

Ion Ratio Lower Upper

96 100

61 47.3 98.0 147.0#

98 11.1 52.2 78.4#



#27

1,2-Dichloroethane-d4

Concen: 29.387 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031811.D

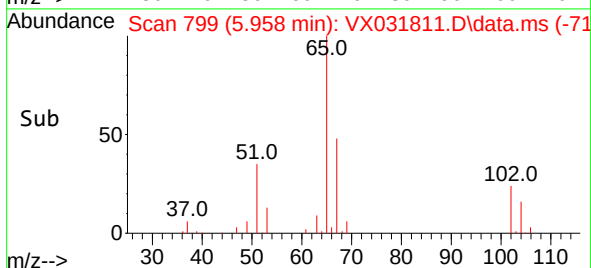
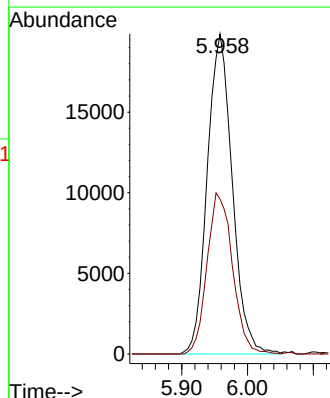
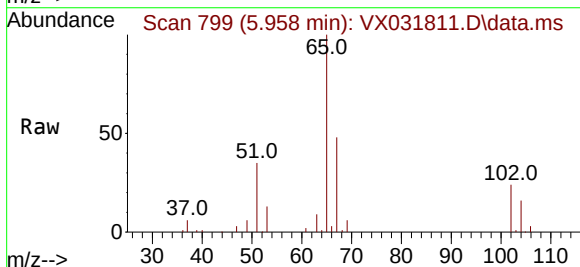
Acq: 30 Sep 2022 13:44

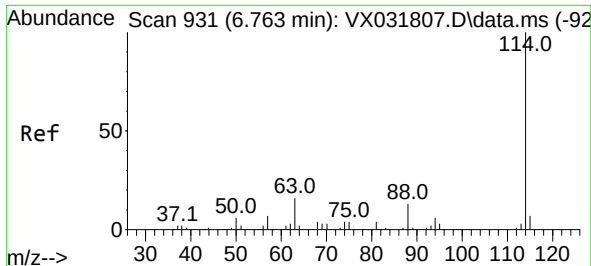
Tgt Ion: 65 Resp: 52609

Ion Ratio Lower Upper

65 100

67 51.1 41.8 62.6





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 911

Delta R.T. 0.000 min

Lab File: VX031811.D

Acq: 30 Sep 2022 13:44

Instrument :

MSVOA_X

ClientSampleId :

IBLK

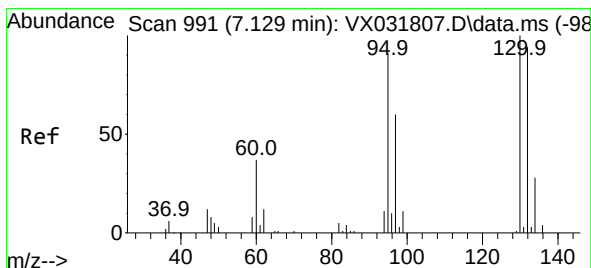
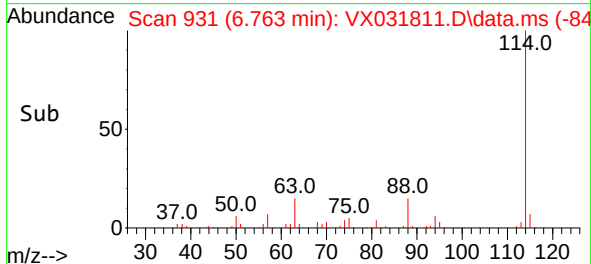
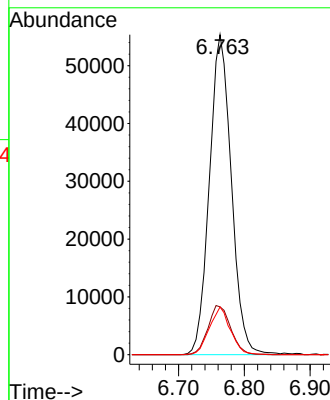
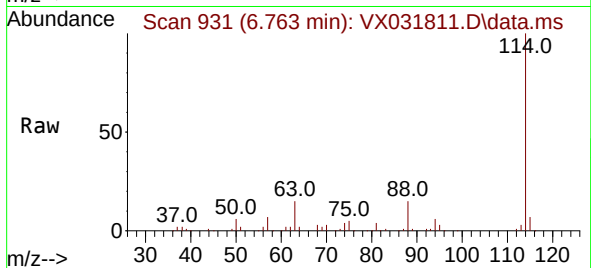
Tgt Ion:114 Resp: 128725

Ion Ratio Lower Upper

114 100

63 15.8 13.6 20.4

88 14.3 11.8 17.6



#37

Trichloroethene

Concen: 0.410 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.006 min

Lab File: VX031811.D

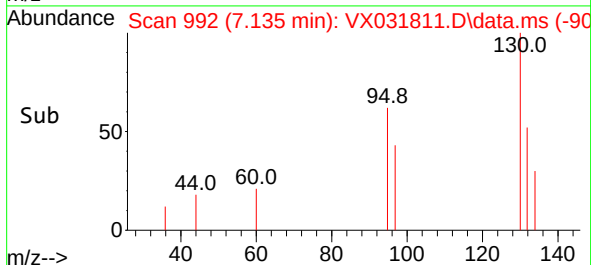
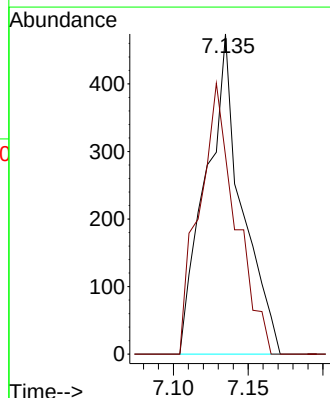
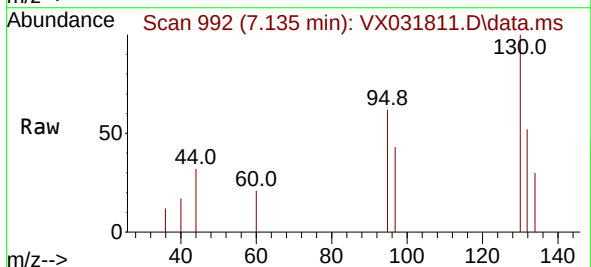
Acq: 30 Sep 2022 13:44

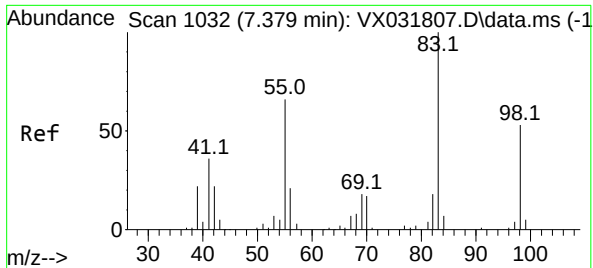
Tgt Ion:130 Resp: 790

Ion Ratio Lower Upper

130 100

95 62.0 72.4 108.6#





#38

Methylcyclohexane

Concen: 0.370 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX031811.D

Acq: 30 Sep 2022 13:44

Instrument :

MSVOA_X

ClientSampleId :

IBLK

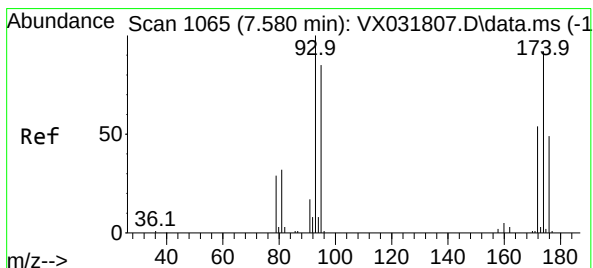
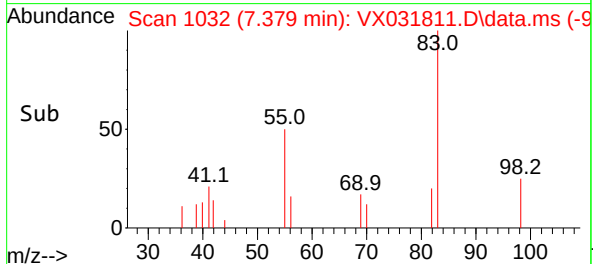
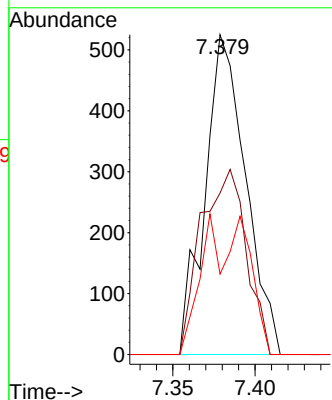
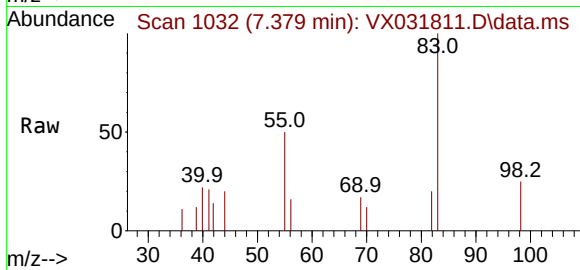
Tgt Ion: 83 Resp: 904

Ion Ratio Lower Upper

83 100

55 64.3 31.6 94.7

98 25.6 26.9 80.6#



#40

Dibromomethane

Concen: 0.348 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX031811.D

Acq: 30 Sep 2022 13:44

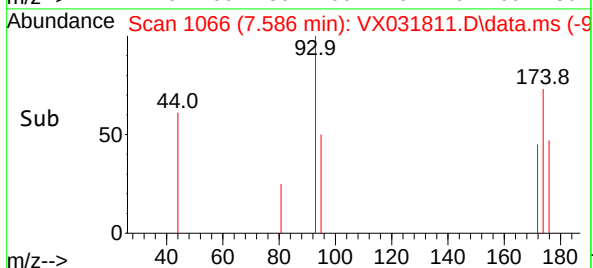
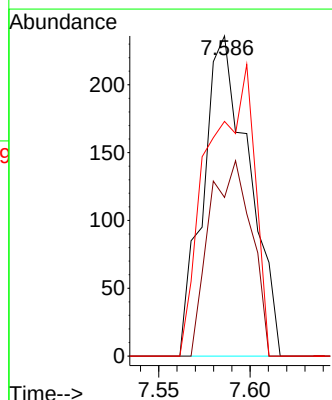
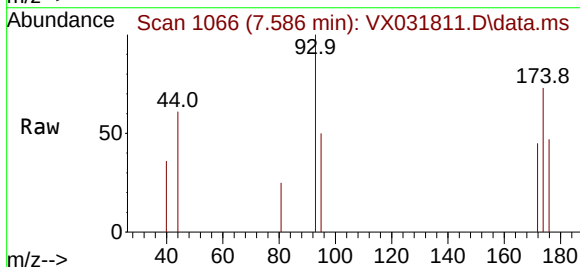
Tgt Ion: 93 Resp: 411

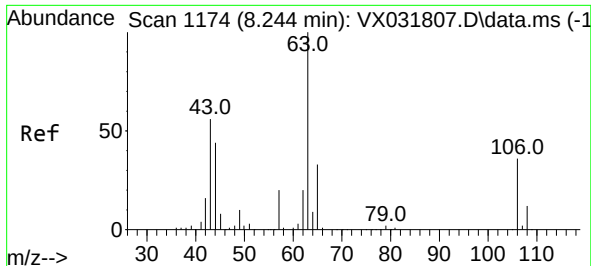
Ion Ratio Lower Upper

93 100

95 0.0 0.0 165.0

174 62.3 0.0 205.2

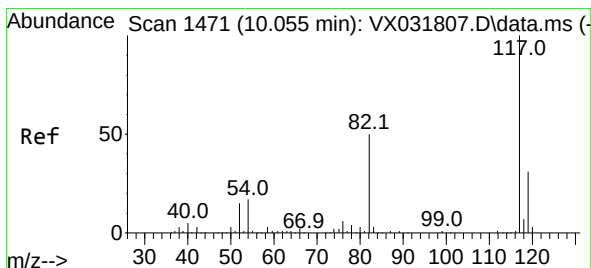
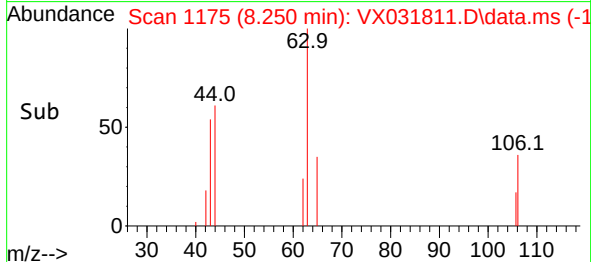
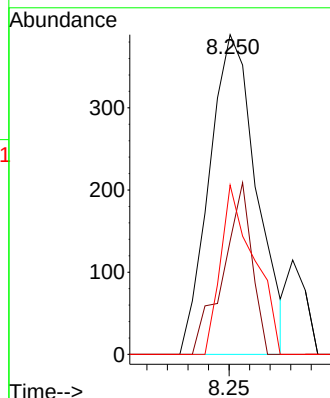
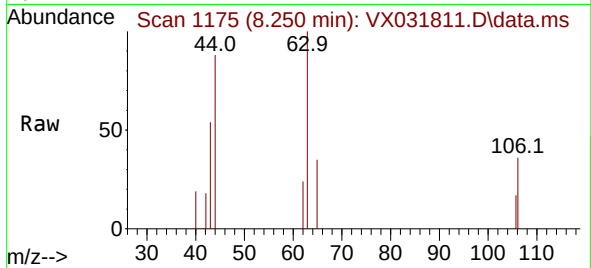




#55
2-Chloroethyl vinyl ether
Concen: 0.570 ug/l
RT: 8.250 min Scan# 1175
Delta R.T. 0.006 min
Lab File: VX031811.D
Acq: 30 Sep 2022 13:44

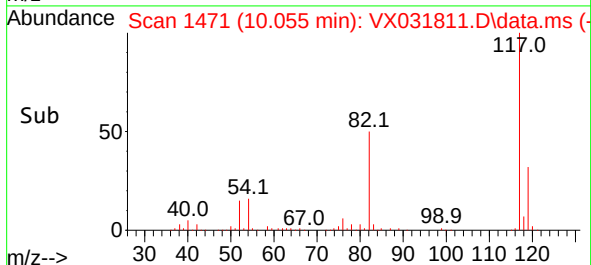
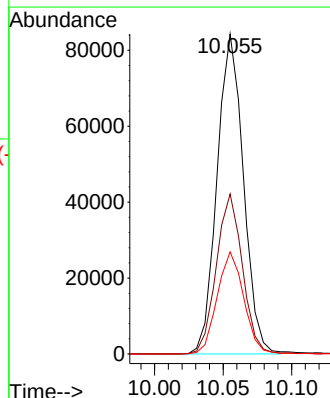
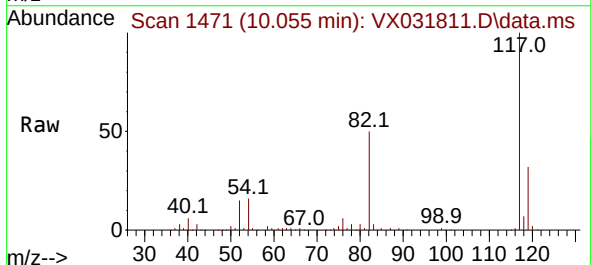
Instrument :
MSVOA_X
ClientSampleId :
IBLK

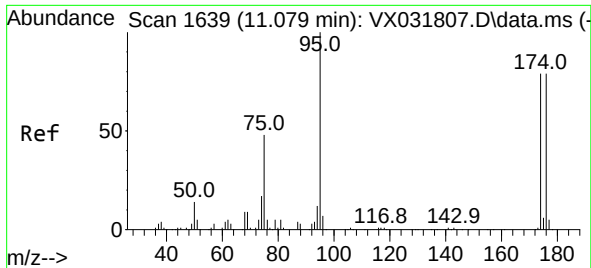
Tgt Ion:	63	Resp:	620
Ion	Ratio	Lower	Upper
63	100		
65	32.7	25.5	38.3
106	37.7	28.9	43.3



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031811.D
Acq: 30 Sep 2022 13:44

Tgt Ion:	117	Resp:	112666
Ion	Ratio	Lower	Upper
117	100		
82	49.7	40.0	60.0
119	32.2	26.0	39.0

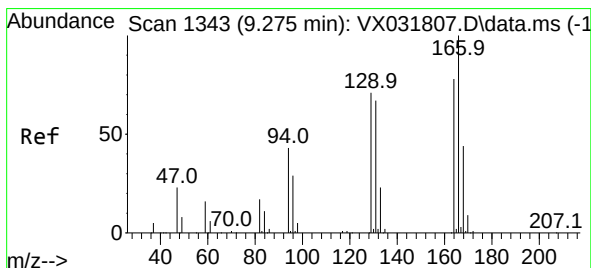
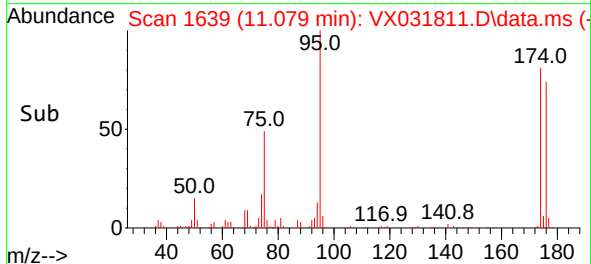
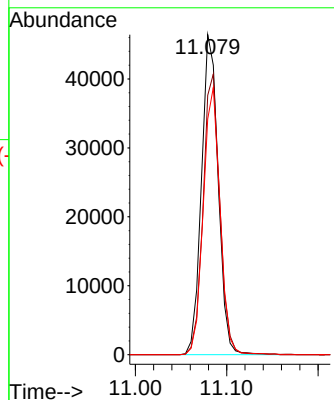
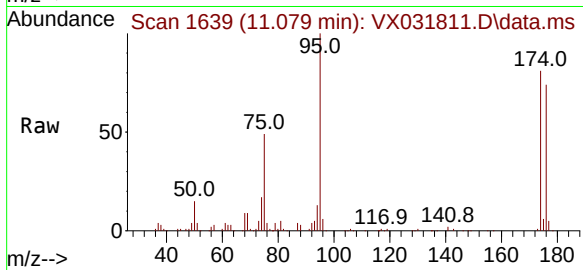




#60
4-Bromofluorobenzene
Concen: 28.328 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031811.D
Acq: 30 Sep 2022 13:44

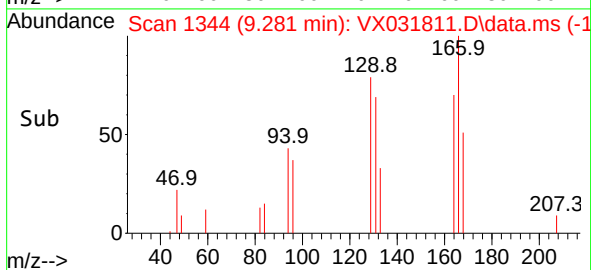
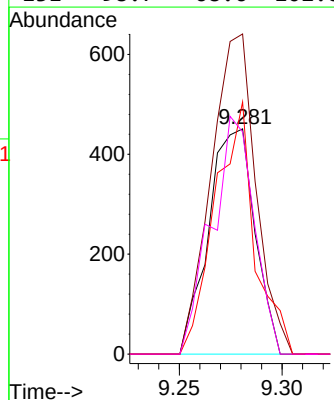
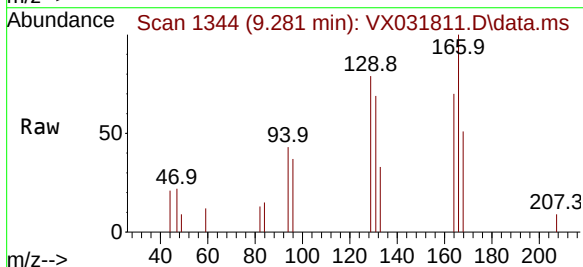
Instrument :
MSVOA_X
ClientSampleId :
IBLK

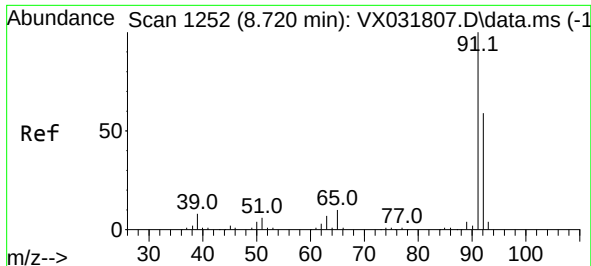
Tgt Ion: 95 Resp: 59070
Ion Ratio Lower Upper
95 100
174 87.7 68.2 102.2
176 84.1 68.1 102.1



#61
Tetrachloroethene
Concen: 0.390 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX031811.D
Acq: 30 Sep 2022 13:44

Tgt Ion: 164 Resp: 705
Ion Ratio Lower Upper
164 100
166 142.1 102.8 154.2
129 112.0 73.0 109.4#
131 98.7 68.6 102.8

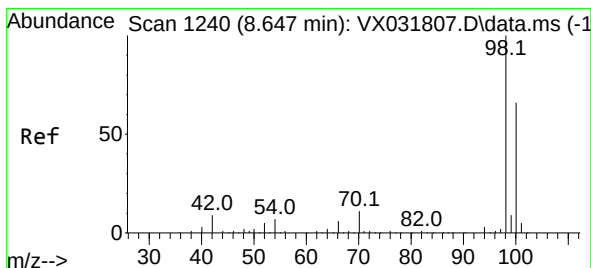
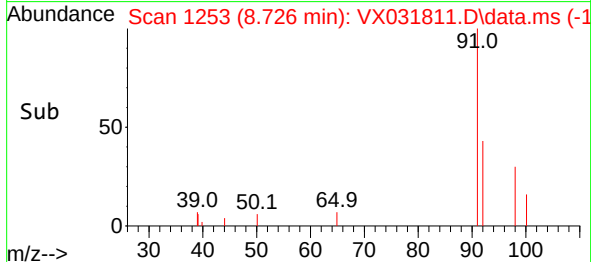
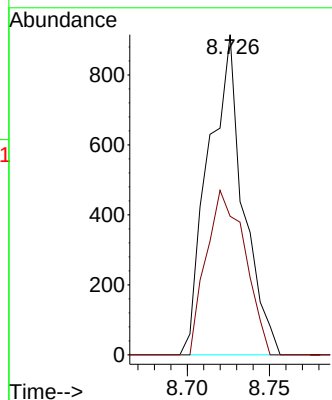
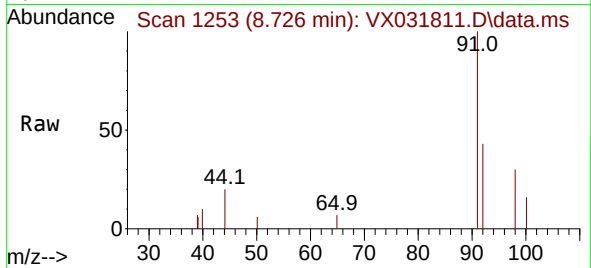




#62
Toluene
Concen: 0.210 ug/l
RT: 8.726 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX031811.D
Acq: 30 Sep 2022 13:44

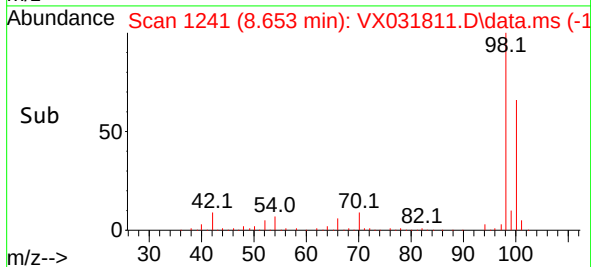
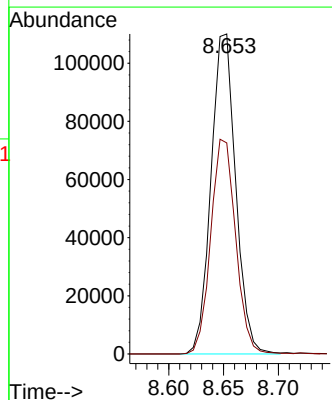
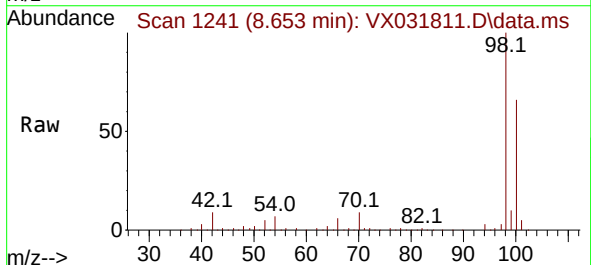
Instrument :
MSVOA_X
ClientSampleId :
IBLK

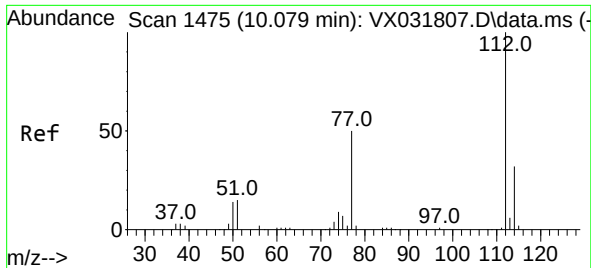
Tgt Ion: 91 Resp: 1352
Ion Ratio Lower Upper
91 100
92 56.9 47.3 70.9



#63
Toluene-d8
Concen: 30.157 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX031811.D
Acq: 30 Sep 2022 13:44

Tgt Ion: 98 Resp: 172610
Ion Ratio Lower Upper
98 100
100 67.7 53.8 80.8

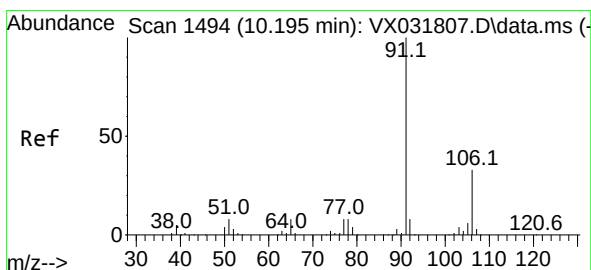
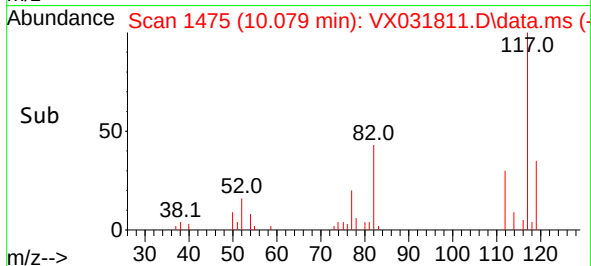
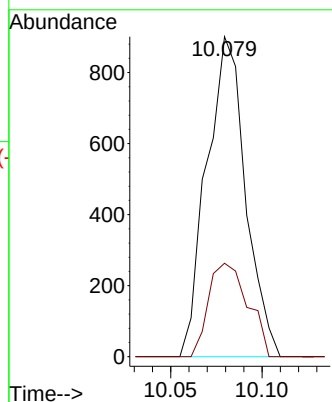
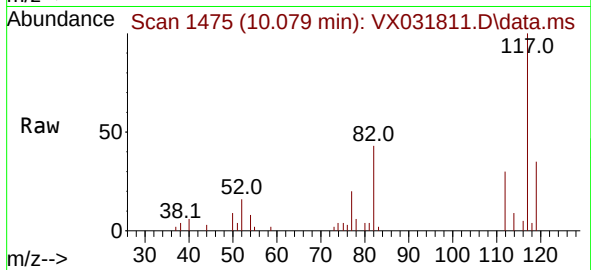




#64
Chlorobenzene
Concen: 0.303 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX031811.D
Acq: 30 Sep 2022 13:44

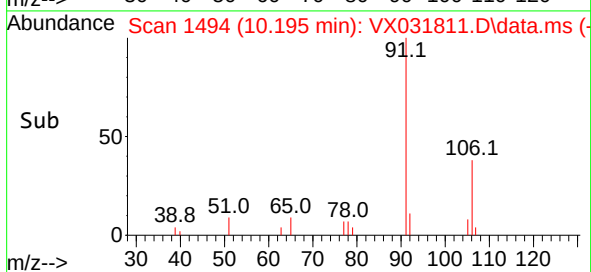
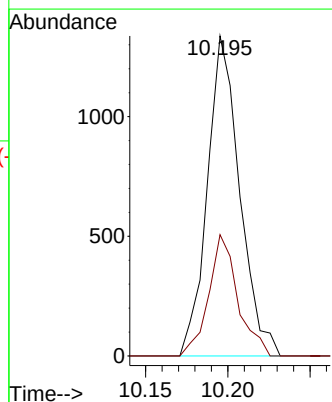
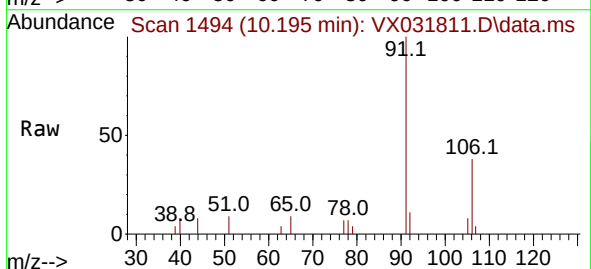
Instrument :
MSVOA_X
ClientSampleId :
IBLK

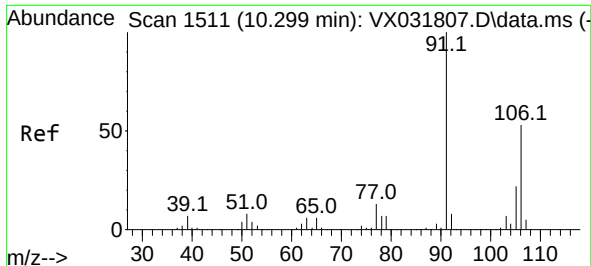
Tgt Ion:112 Resp: 1333
Ion Ratio Lower Upper
112 100
114 29.2 25.7 38.5



#66
Ethyl Benzene
Concen: 0.252 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX031811.D
Acq: 30 Sep 2022 13:44

Tgt Ion: 91 Resp: 1830
Ion Ratio Lower Upper
91 100
106 37.9 26.7 40.1





#67

m/p-Xylenes

Concen: 0.602 ug/l

RT: 10.305 min Scan# 1511

Delta R.T. 0.006 min

Lab File: VX031811.D

Acq: 30 Sep 2022 13:44

Instrument :

MSVOA_X

ClientSampleId :

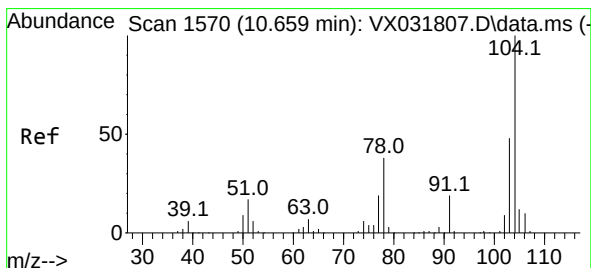
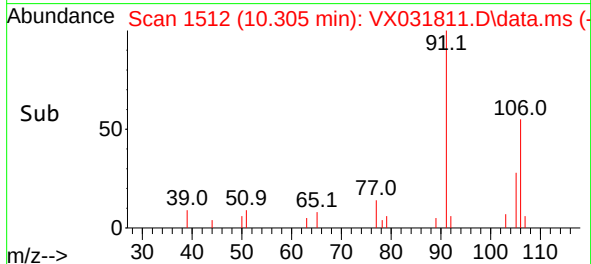
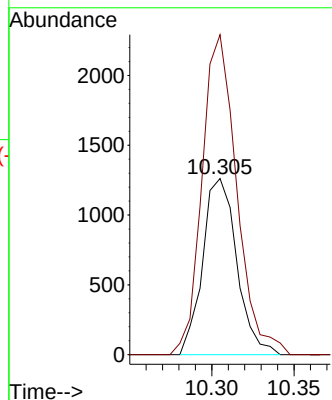
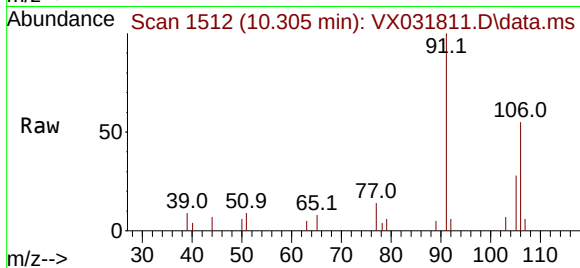
IBLK

Tgt Ion:106 Resp: 1822

Ion Ratio Lower Upper

106 100

91 184.5 152.3 228.5



#69

Styrene

Concen: 0.245 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. 0.000 min

Lab File: VX031811.D

Acq: 30 Sep 2022 13:44

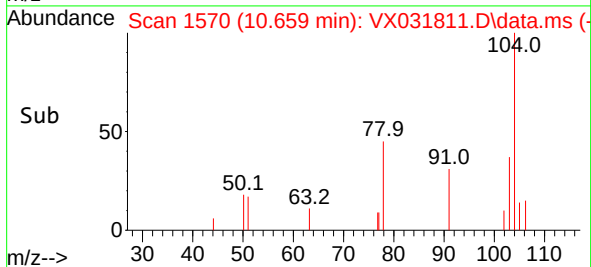
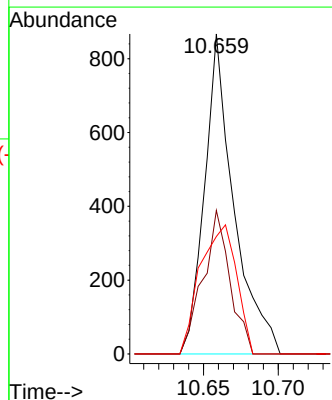
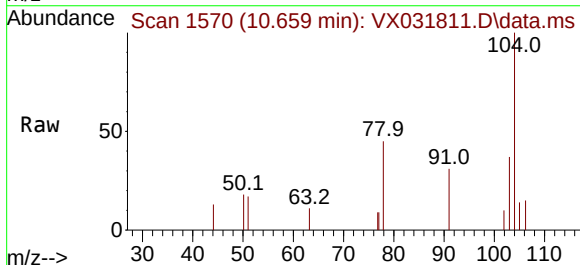
Tgt Ion:104 Resp: 1181

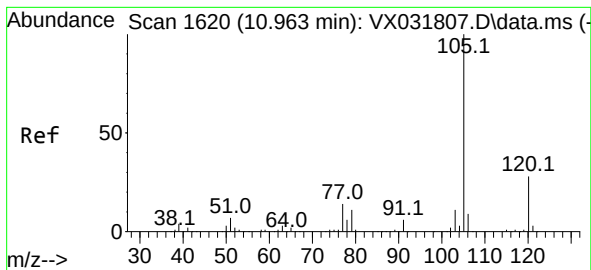
Ion Ratio Lower Upper

104 100

78 41.3 36.6 55.0

103 50.0 43.3 64.9





#70

Isopropylbenzene

Concen: 0.256 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX031811.D

Acq: 30 Sep 2022 13:44

Instrument :

MSVOA_X

ClientSampleId :

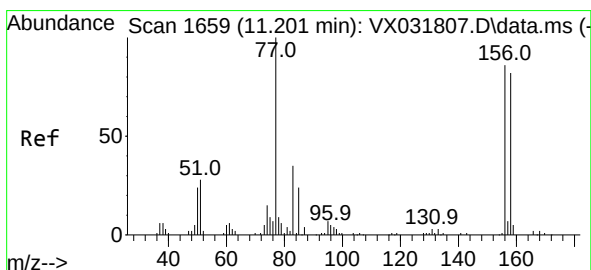
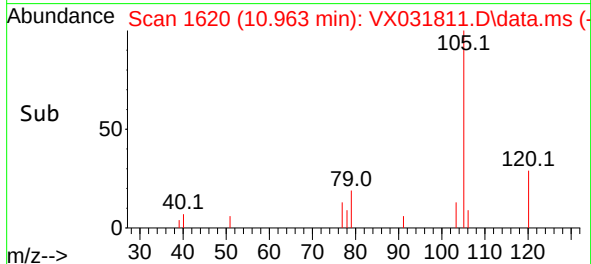
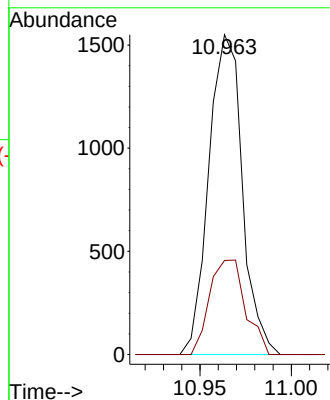
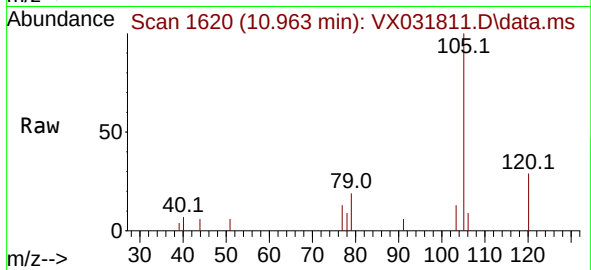
IBLK

Tgt Ion:105 Resp: 1978

Ion Ratio Lower Upper

105 100

120 31.7 19.3 35.9



#73

Bromobenzene

Concen: 0.300 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX031811.D

Acq: 30 Sep 2022 13:44

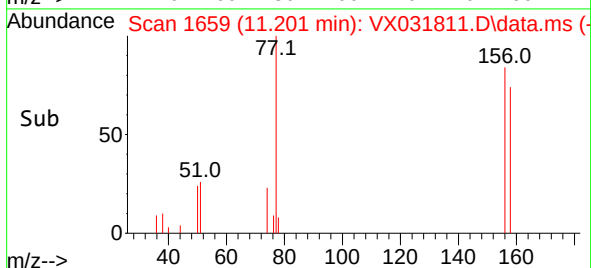
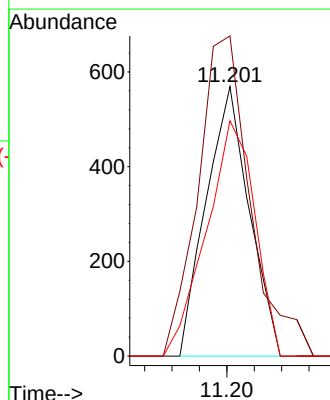
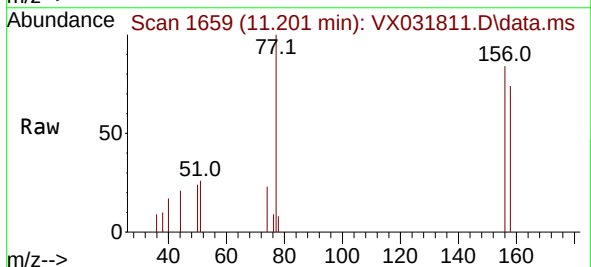
Tgt Ion:156 Resp: 621

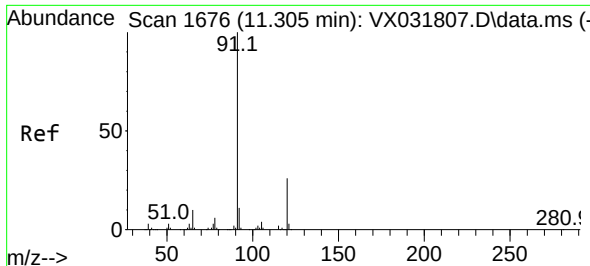
Ion Ratio Lower Upper

156 100

77 144.4 0.0 259.2

158 98.1 0.0 193.2

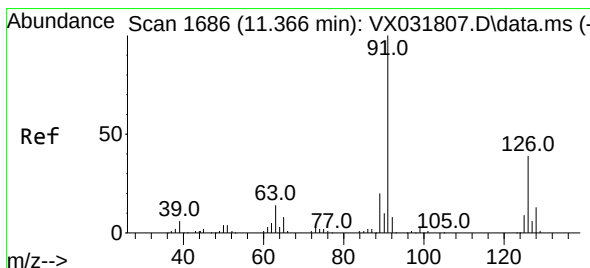
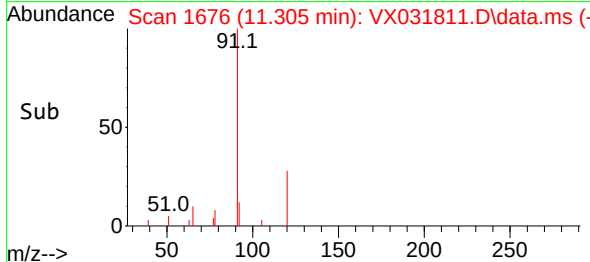
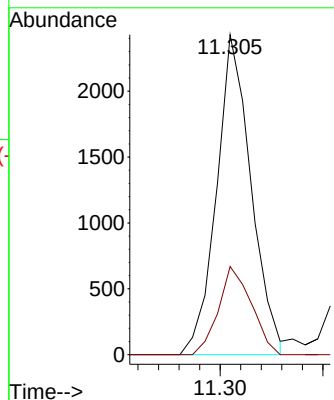
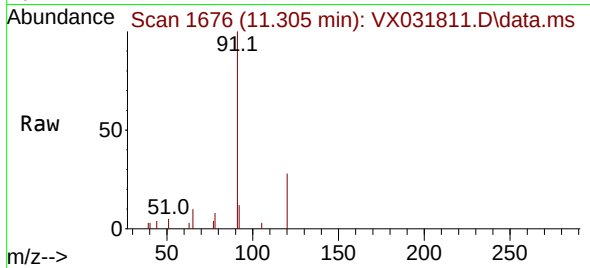




#74
n-propylbenzene
Concen: 0.334 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX031811.D
Acq: 30 Sep 2022 13:44

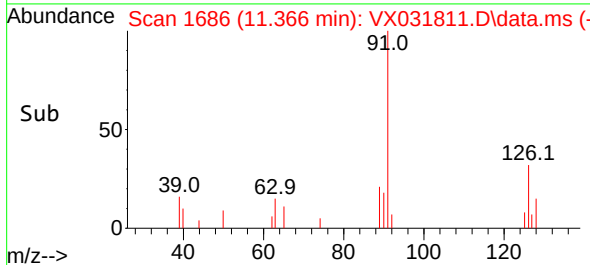
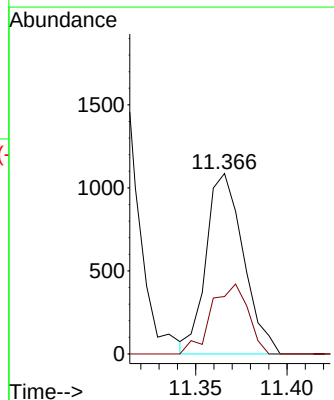
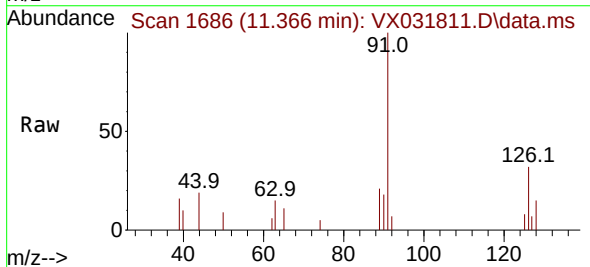
Instrument :
MSVOA_X
ClientSampleId :
IBLK

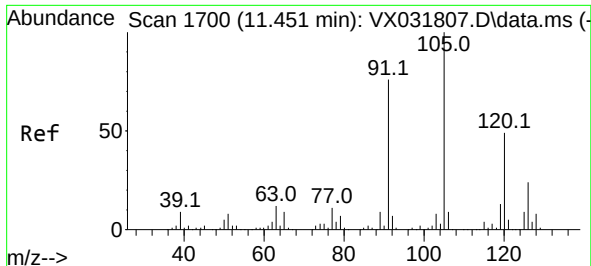
Tgt Ion: 91 Resp: 2834
Ion Ratio Lower Upper
91 100
120 26.3 0.0 51.0



#75
2-Chlorotoluene
Concen: 0.303 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX031811.D
Acq: 30 Sep 2022 13:44

Tgt Ion: 91 Resp: 1545
Ion Ratio Lower Upper
91 100
126 38.1 0.0 76.4

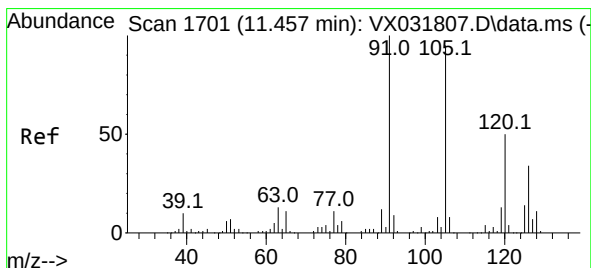
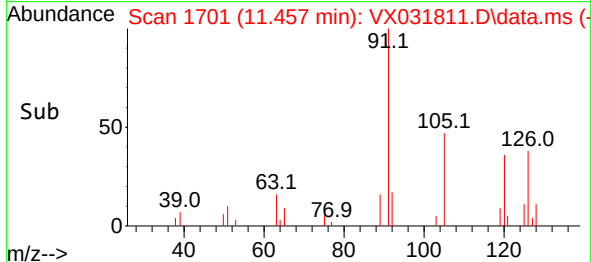
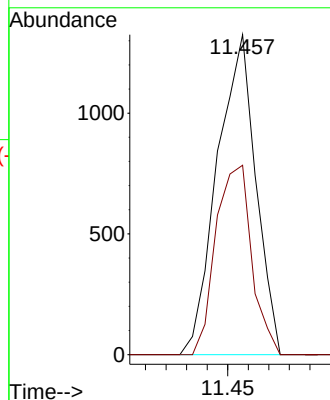
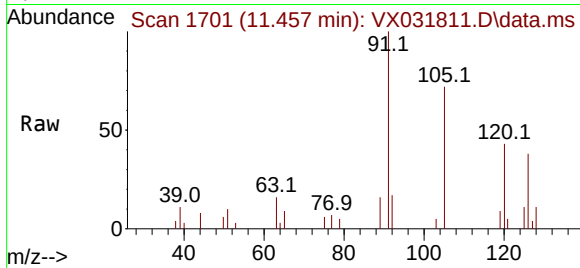




#76
1,3,5-Trimethylbenzene
Concen: 0.265 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX031811.D
Acq: 30 Sep 2022 13:44

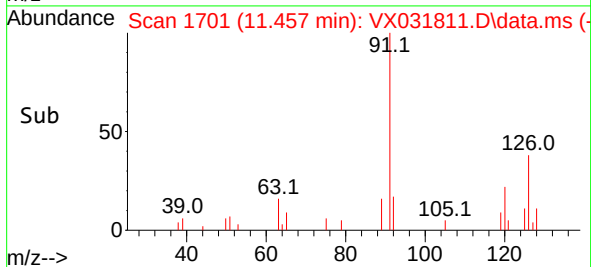
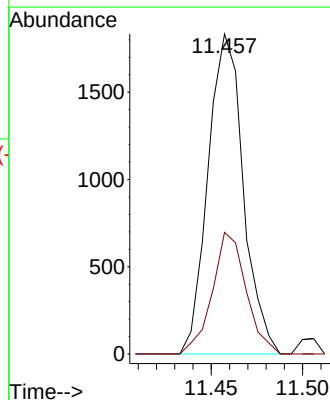
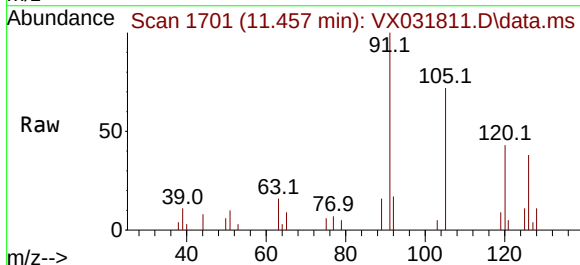
Instrument :
MSVOA_X
ClientSampleId :
IBLK

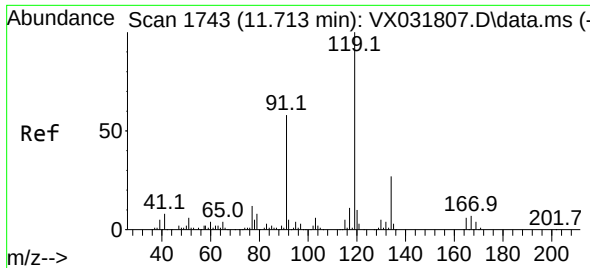
Tgt Ion:105 Resp: 1727
Ion Ratio Lower Upper
105 100
120 55.0 0.0 100.6



#78
4-Chlorotoluene
Concen: 0.423 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX031811.D
Acq: 30 Sep 2022 13:44

Tgt Ion: 91 Resp: 2463
Ion Ratio Lower Upper
91 100
126 36.4 0.0 67.0

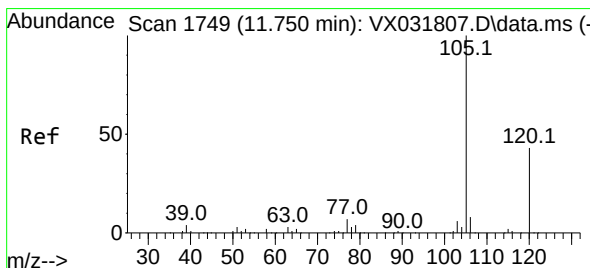
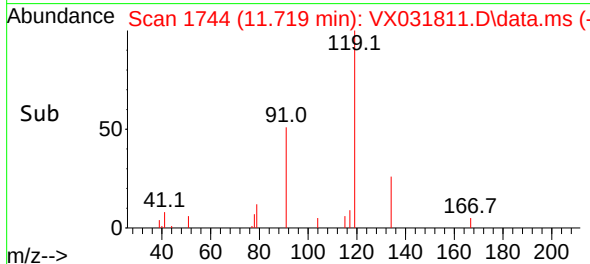
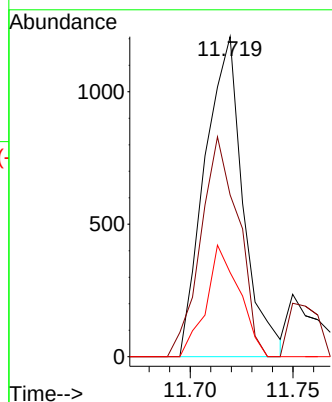
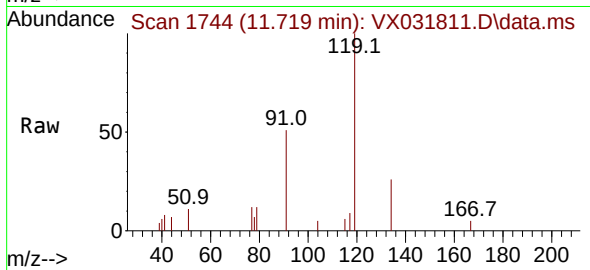




#79
tert-butylbenzene
Concen: 0.240 ug/l
RT: 11.719 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX031811.D
Acq: 30 Sep 2022 13:44

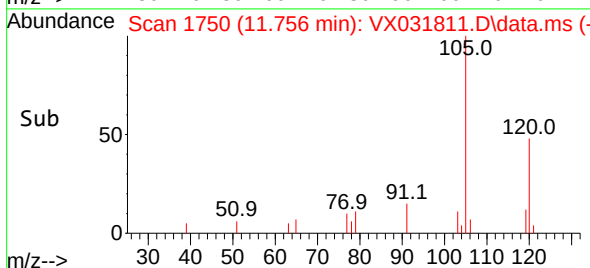
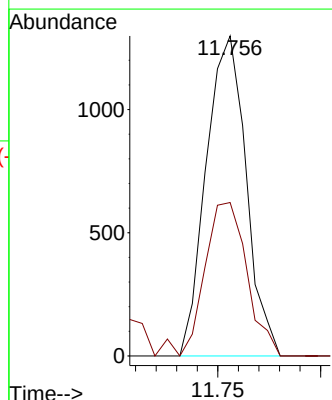
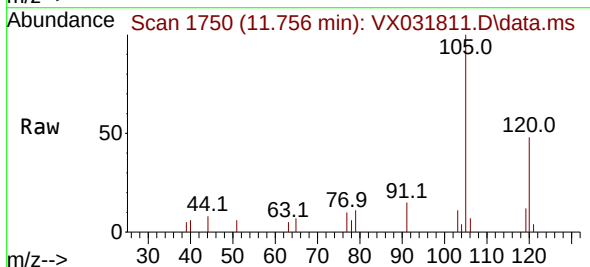
Instrument :
MSVOA_X
ClientSampleId :
IBLK

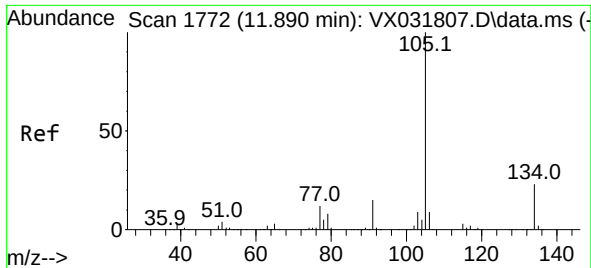
Tgt Ion:119 Resp: 1568
Ion Ratio Lower Upper
119 100
91 67.5 0.0 112.0
134 30.2 0.0 51.0



#80
1,2,4-Trimethylbenzene
Concen: 0.271 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX031811.D
Acq: 30 Sep 2022 13:44

Tgt Ion:105 Resp: 1752
Ion Ratio Lower Upper
105 100
120 49.9 0.0 95.0

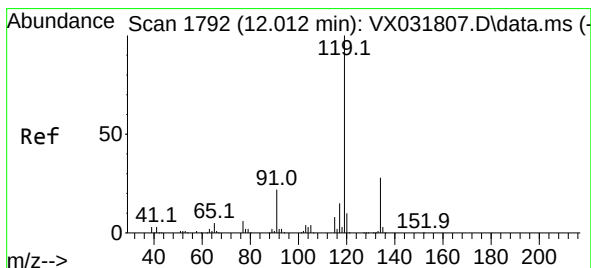
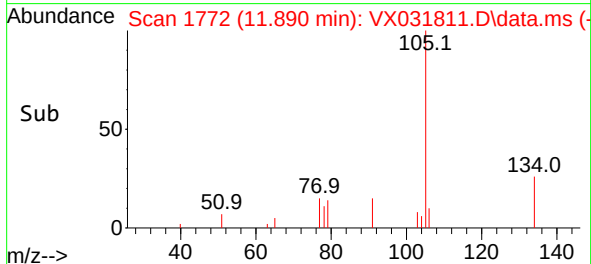
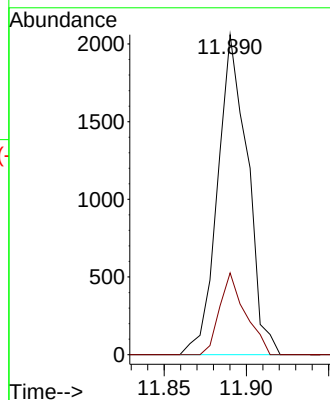
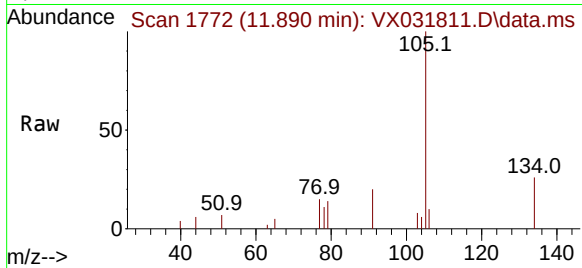




#81
 sec-Butylbenzene
 Concen: 0.325 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX031811.D
 Acq: 30 Sep 2022 13:44

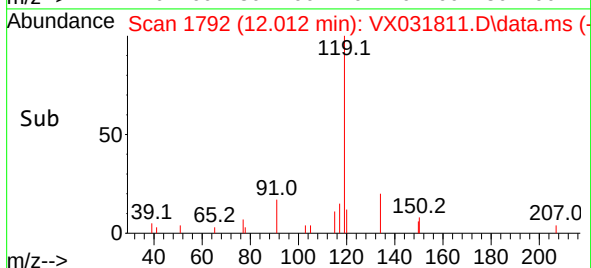
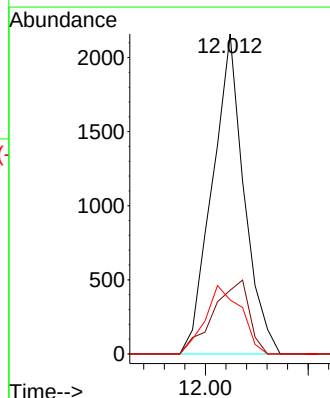
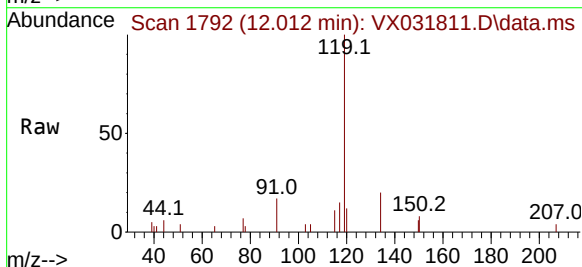
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

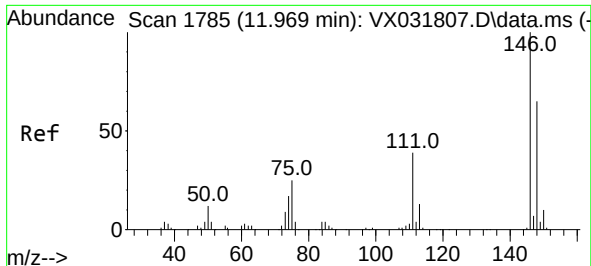
Tgt Ion:105 Resp: 2606
 Ion Ratio Lower Upper
 105 100
 134 22.0 0.0 44.4



#82
 p-Isopropyltoluene
 Concen: 0.329 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX031811.D
 Acq: 30 Sep 2022 13:44

Tgt Ion:119 Resp: 2316
 Ion Ratio Lower Upper
 119 100
 134 26.1 0.0 55.4
 91 24.1 0.0 45.6





#83

1,3-Dichlorobenzene

Concen: 0.488 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX031811.D

Acq: 30 Sep 2022 13:44

Instrument :

MSVOA_X

ClientSampleId :

IBLK

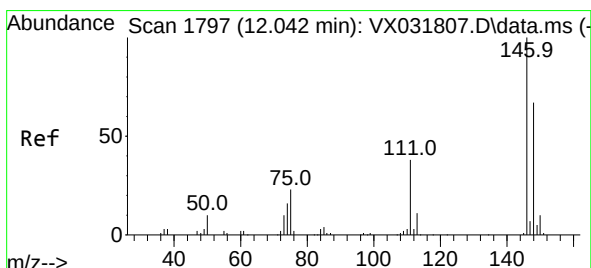
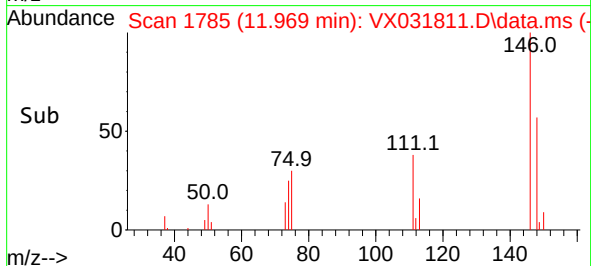
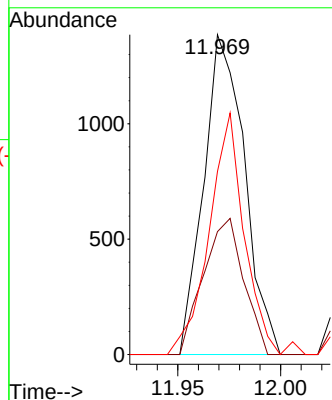
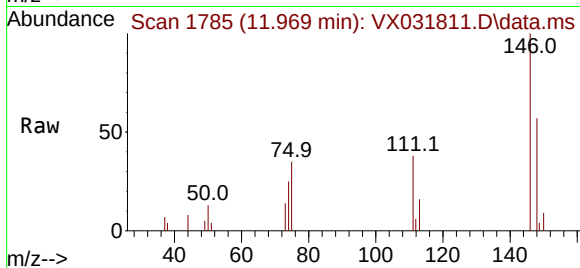
Tgt Ion:146 Resp: 1914

Ion Ratio Lower Upper

146 100

111 42.1 19.4 58.1

148 64.5 32.6 97.7



#84

1,4-Dichlorobenzene

Concen: 0.564 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX031811.D

Acq: 30 Sep 2022 13:44

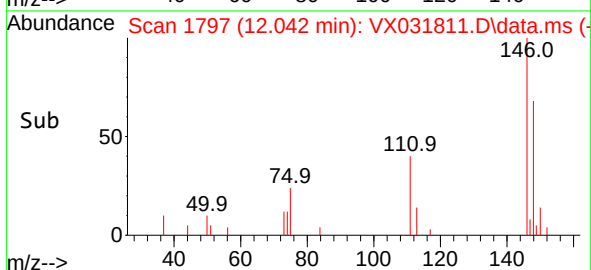
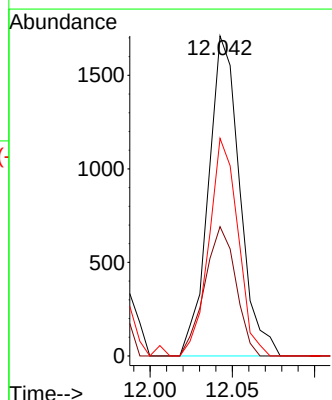
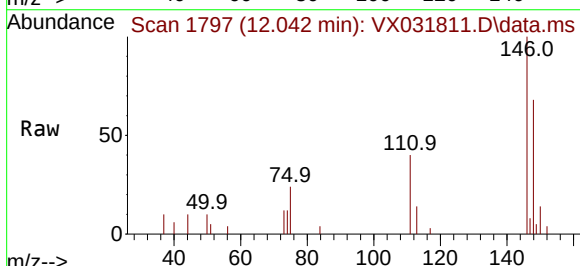
Tgt Ion:146 Resp: 2267

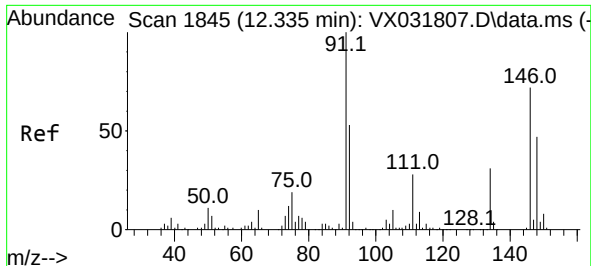
Ion Ratio Lower Upper

146 100

111 40.1 18.9 56.5

148 63.0 31.6 95.0





#85

n-Butylbenzene

Concen: 0.493 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX031811.D

Acq: 30 Sep 2022 13:44

Instrument :

MSVOA_X

ClientSampleId :

IBLK

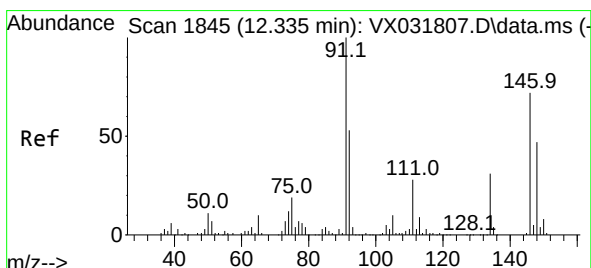
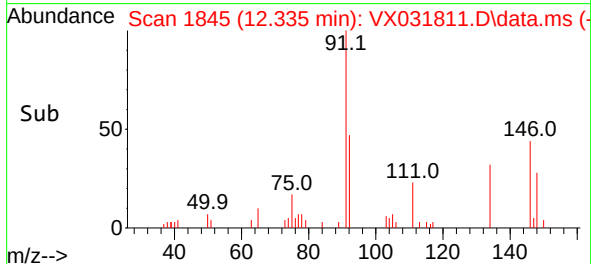
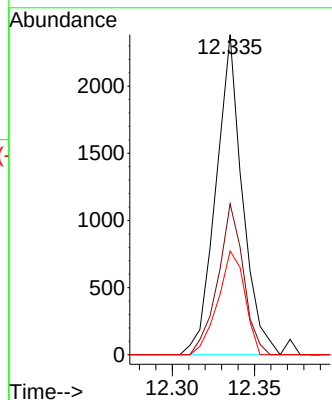
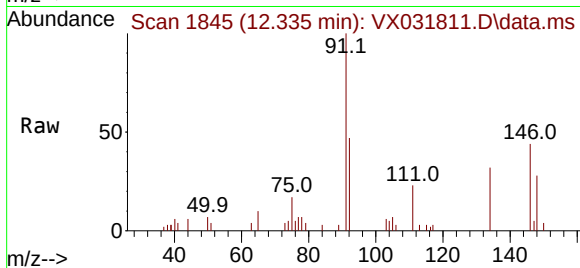
Tgt Ion: 91 Resp: 2676

Ion Ratio Lower Upper

91 100

92 45.2 0.0 108.4

134 32.7 0.0 60.6



#87

1,2-Dichlorobenzene

Concen: 0.386 ug/l

RT: 12.341 min Scan# 1846

Delta R.T. 0.006 min

Lab File: VX031811.D

Acq: 30 Sep 2022 13:44

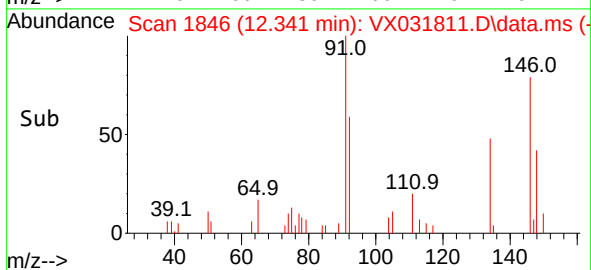
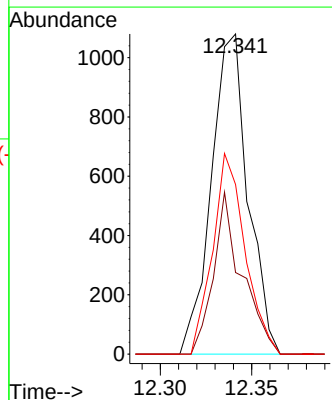
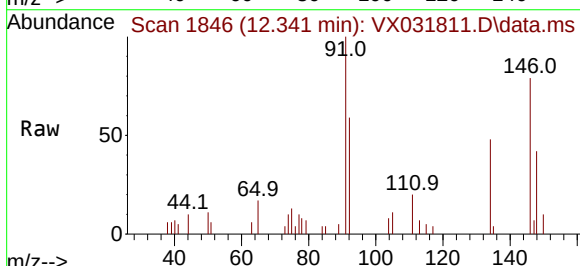
Tgt Ion: 146 Resp: 1509

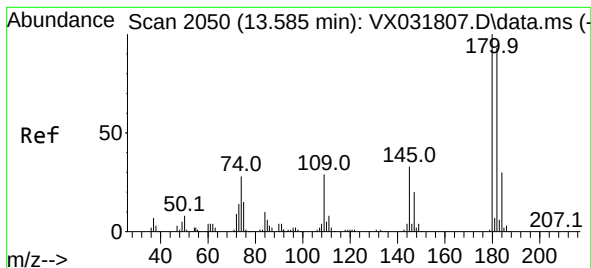
Ion Ratio Lower Upper

146 100

111 39.2 20.0 60.0

148 55.4 33.0 99.0





#89

1,2,4-Trichlorobenzene

Concen: 0.768 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX031811.D

Acq: 30 Sep 2022 13:44

Instrument :

MSVOA_X

ClientSampleId :

IBLK

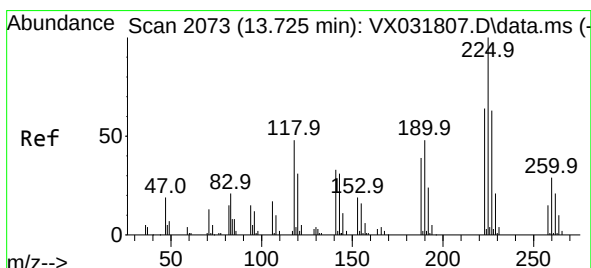
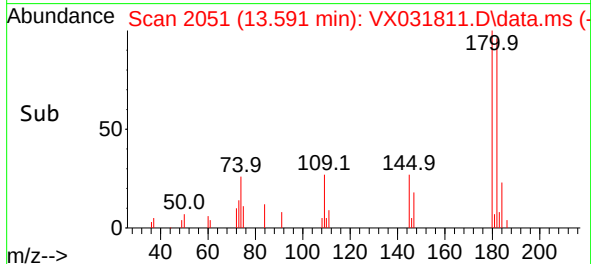
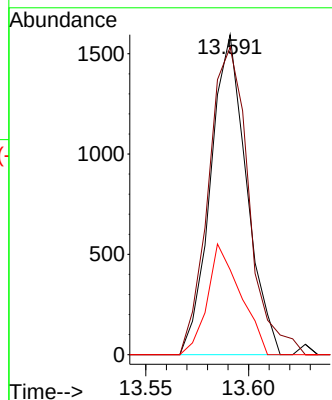
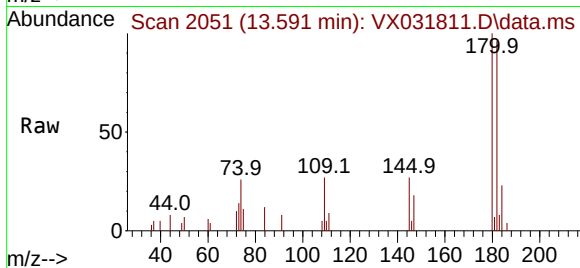
Tgt Ion:180 Resp: 1943

Ion Ratio Lower Upper

180 100

182 107.7 75.3 112.9

145 31.8 25.9 38.9



#90

Hexachlorobutadiene

Concen: 2.645 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX031811.D

Acq: 30 Sep 2022 13:44

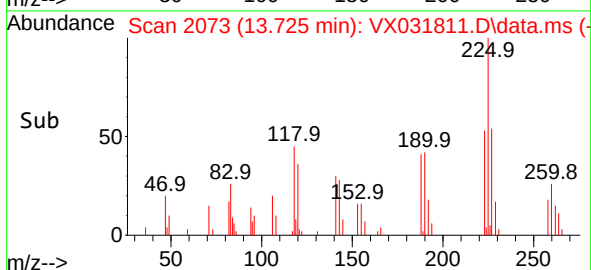
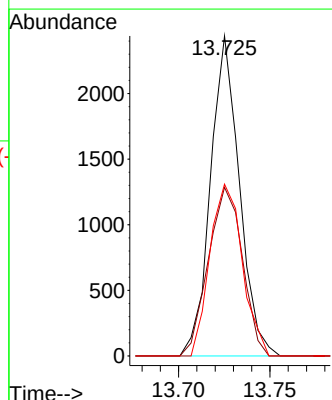
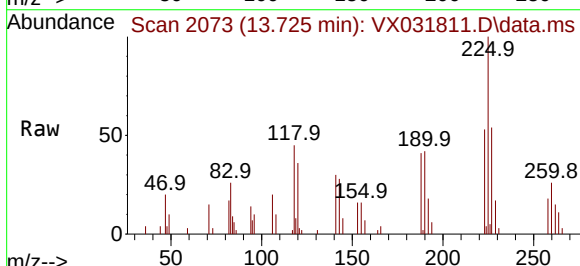
Tgt Ion:225 Resp: 2689

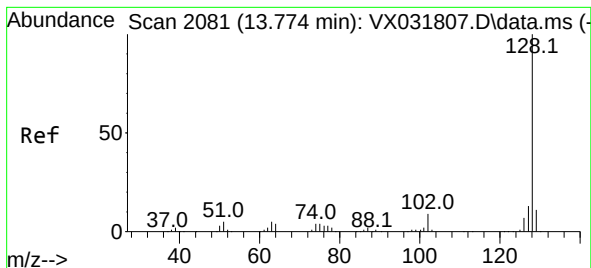
Ion Ratio Lower Upper

225 100

223 62.0 0.0 126.0

227 60.1 0.0 127.6





#91

Naphthalene

Concen: 0.576 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX031811.D

Acq: 30 Sep 2022 13:44

Instrument :

MSVOA_X

ClientSampleId :

IBLK

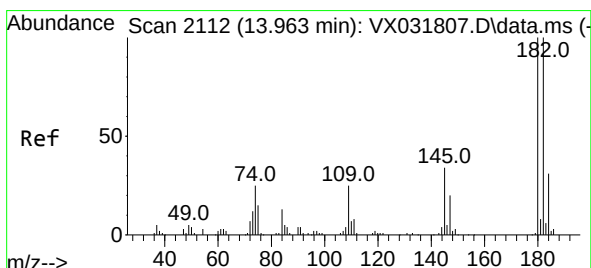
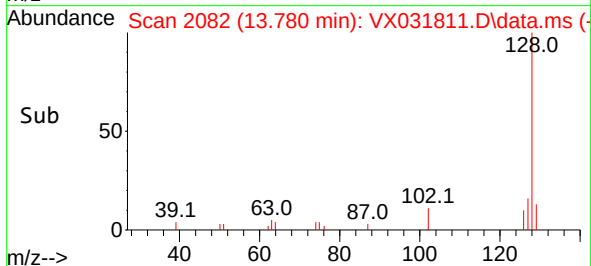
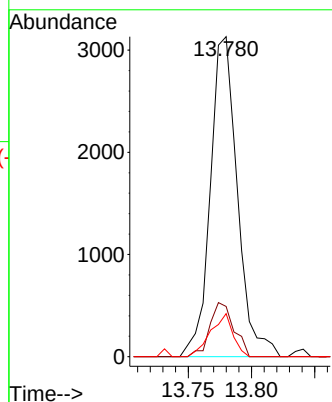
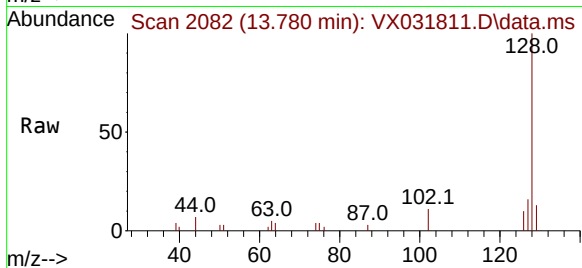
Tgt Ion:128 Resp: 4666

Ion Ratio Lower Upper

128 100

127 15.0 9.9 14.9#

129 11.2 8.4 12.6



#92

1,2,3-Trichlorobenzene

Concen: 0.800 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX031811.D

Acq: 30 Sep 2022 13:44

Tgt Ion:180 Resp: 2006

Ion Ratio Lower Upper

180 100

182 89.3 0.0 199.0

145 34.3 0.0 68.2

