

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042822\
 Data File : VX028409.D
 Acq On : 28 Apr 2022 19:30
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Apr 29 06:24:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X042822W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 29 06:09:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.904	128	68805	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	382331	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	333025	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	132700	30.326	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 101.100%	
60) 4-Bromofluorobenzene	11.079	95	145626	28.118	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 93.733%	
63) Toluene-d8	8.653	98	434934	30.829	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 102.767%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	880	0.361	ug/l	84
3) Chloromethane	1.288	50	955	0.498	ug/l	93
4) Vinyl Chloride	1.374	62	674	0.276	ug/l #	62
5) Bromomethane	1.611	94	2488	1.238	ug/l	88
7) Trichlorofluoromethane	1.892	101	1335	0.250	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.325	101	1154	0.368	ug/l	94
10) 1,1-Dichloroethene	2.319	96	828	0.319	ug/l	85
11) Methyl Iodide	2.459	142	3905	1.121	ug/l	96
13) Acrolein	2.233	56	1300	1.547	ug/l #	82
14) Acrylonitrile	3.068	53	1967	1.043	ug/l	96
16) Carbon Disulfide	2.514	76	4817	1.571	ug/l #	91
18) Methylene Chloride	2.788	84	1233	0.370	ug/l #	84
19) trans-1,2-Dichloroethene	3.093	96	1804	0.630	ug/l #	76
22) cis-1,2-Dichloroethene	4.495	96	1129	0.280	ug/l #	43
23) tert-Butyl Alcohol	2.940	59	11688	11.479	ug/l #	100
29) 1,1-Dichloropropene	5.696	75	1112	0.273	ug/l	89
30) 2-Butanone	4.568	43	759	0.296	ug/l #	67
37) Trichloroethene	7.129	130	1516	0.382	ug/l #	73
38) Methylcyclohexane	7.385	83	865	0.208	ug/l #	61
40) Dibromomethane	7.586	93	823	0.315	ug/l	90
42) Vinyl Acetate	3.739	43	1931	0.243	ug/l #	92
45) 1,4-Dioxane	7.671	88	115	1.142	ug/l #	85
51) Ethyl methacrylate	8.659	69	1401	0.238	ug/l	84
55) 2-Chloroethyl vinyl ether	8.251	63	1959	0.635	ug/l	96
59) 2-Hexanone	9.439	43	840	0.224	ug/l	95
61) Tetrachloroethene	9.281	164	1508	0.410	ug/l	91
64) Chlorobenzene	10.079	112	2843	0.279	ug/l	99
66) Ethyl Benzene	10.195	91	3623	0.213	ug/l	92
69) Styrene	10.659	104	2333	0.201	ug/l	92
70) Isopropylbenzene	10.963	105	4313	0.239	ug/l	93
73) Bromobenzene	11.201	156	1314	0.270	ug/l	95
74) n-propylbenzene	11.305	91	5900	0.293	ug/l	95
75) 2-Chlorotoluene	11.366	91	3316	0.266	ug/l	96
76) 1,3,5-Trimethylbenzene	11.451	105	3878	0.256	ug/l	94
78) 4-Chlorotoluene	11.457	91	5047	0.358	ug/l	90
79) tert-butylbenzene	11.713	119	4707	0.307	ug/l	97
80) 1,2,4-Trimethylbenzene	11.756	105	3917	0.258	ug/l	87
81) sec-Butylbenzene	11.896	105	8950	0.492	ug/l	98
82) p-Isopropyltoluene	12.012	119	7733	0.490	ug/l	99

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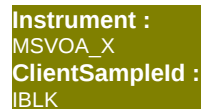
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

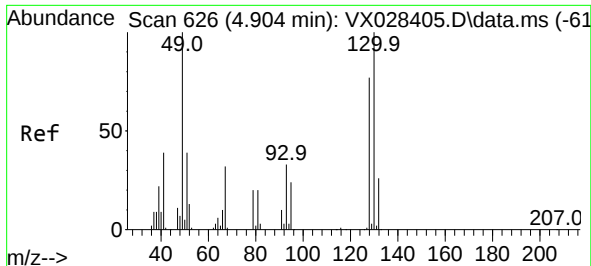
83) 1,3-Dichlorobenzene	11.975	146	4294	0.470	ug/l	99
84) 1,4-Dichlorobenzene	12.043	146	4810	0.518	ug/l	98
85) n-Butylbenzene	12.335	91	10004	0.785	ug/l	96
86) Hexachloroethane	12.536	117	682	0.274	ug/l	91
87) 1,2-Dichlorobenzene	12.335	146	3475	0.378	ug/l	93
89) 1,2,4-Trichlorobenzene	13.591	180	6224	1.084	ug/l	96
90) Hexachlorobutadiene	13.725	225	7910	3.249	ug/l	98
91) Naphthalene	13.780	128	13952	0.695	ug/l	97
92) 1,2,3-Trichlorobenzene	13.963	180	5887	1.023	ug/l	98

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

Instrument :
MSVOA_X
ClientSampleId :
IBLK

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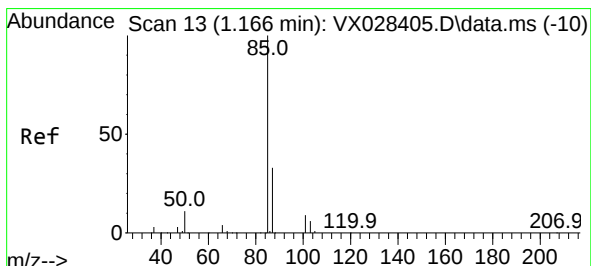
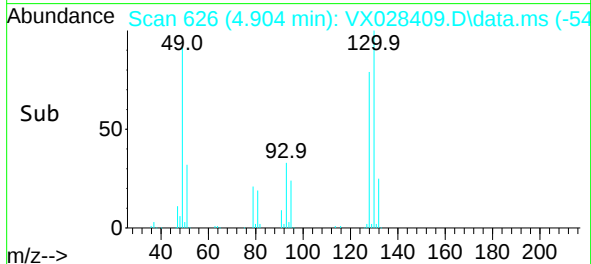
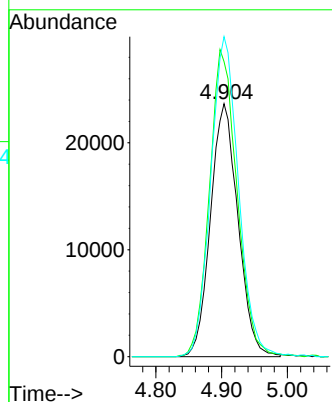
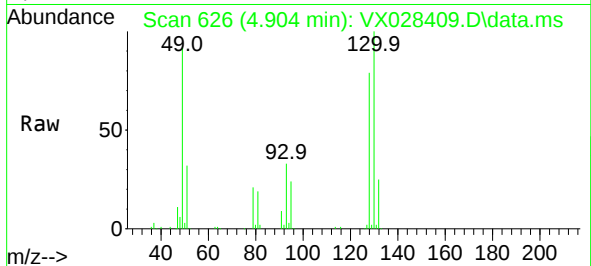




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX028409.D
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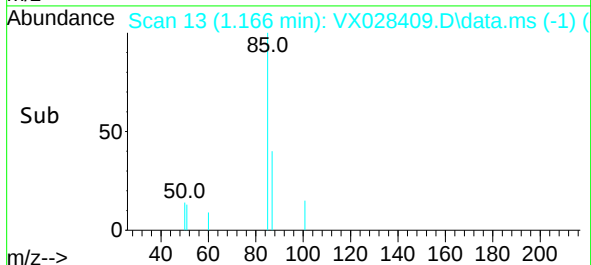
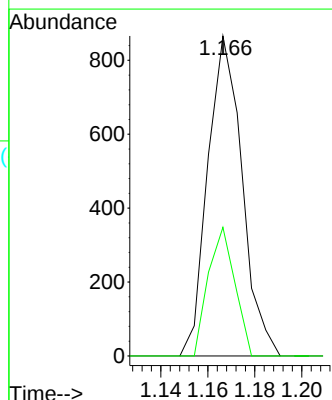
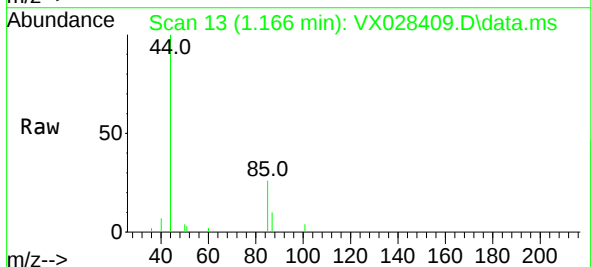
Instrument :
MSVOA_X
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IBLK

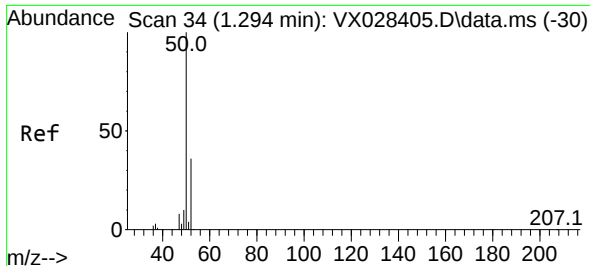
Tgt Ion:128 Resp: 68805
Ion Ratio Lower Upper
128 100
49 122.4 0.0 358.3
130 128.0 0.0 319.3



#2
Dichlorodifluoromethane
Concen: 0.361 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX028409.D
Acq: 28 Apr 2022 19:30

Tgt Ion: 85 Resp: 880
Ion Ratio Lower Upper
85 100
87 40.2 15.6 46.8

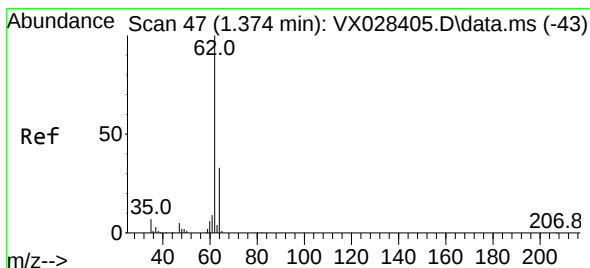
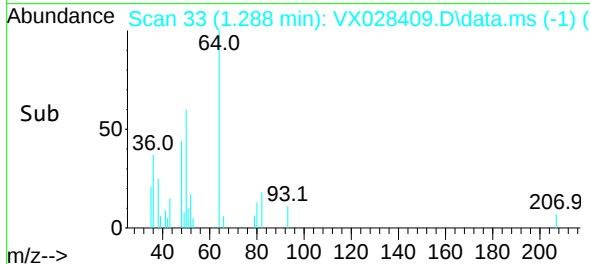
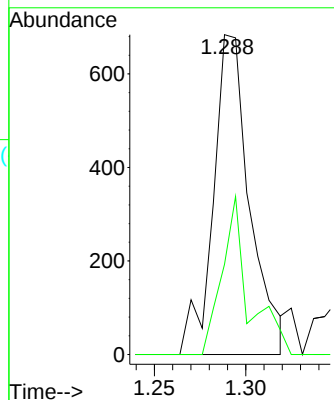
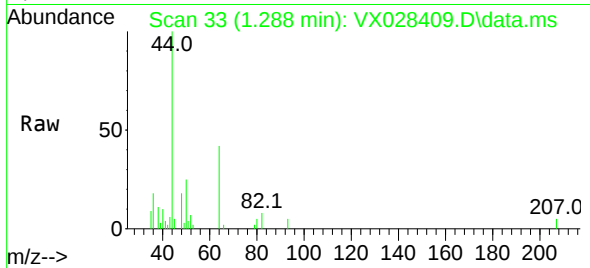




#3
Chloromethane
Concen: 0.498 ug/l
RT: 1.288 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX028409.D
Acq: 28 Apr 2022 19:30

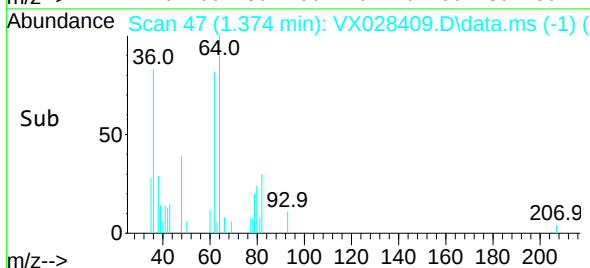
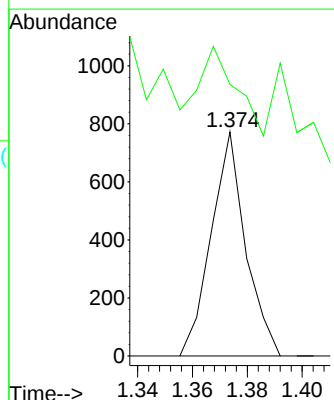
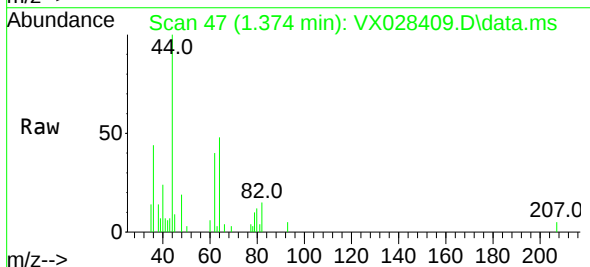
Instrument :
MSVOA_X
ClientSampleId :
IBLK

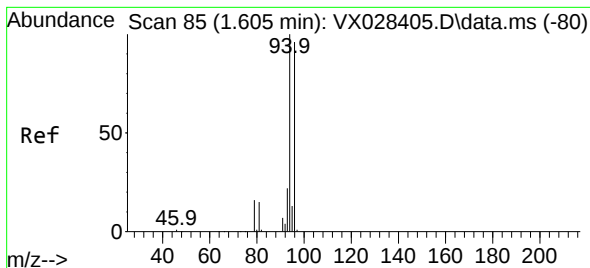
Tgt Ion: 50 Resp: 955
Ion Ratio Lower Upper
50 100
52 28.2 25.6 38.4



#4
Vinyl Chloride
Concen: 0.276 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX028409.D
Acq: 28 Apr 2022 19:30

Tgt Ion: 62 Resp: 674
Ion Ratio Lower Upper
62 100
64 11.4 26.2 39.2#





#5

Bromomethane

Concen: 1.238 ug/l

RT: 1.611 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX028409.D

Acq: 28 Apr 2022 19:30

Instrument :

MSVOA_X

ClientSampleId :

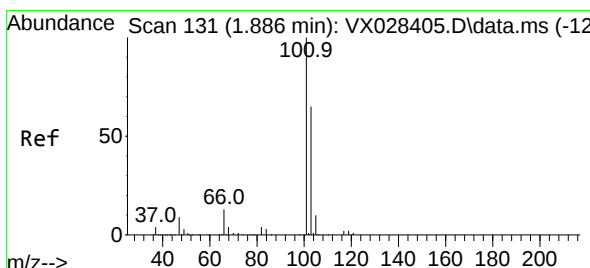
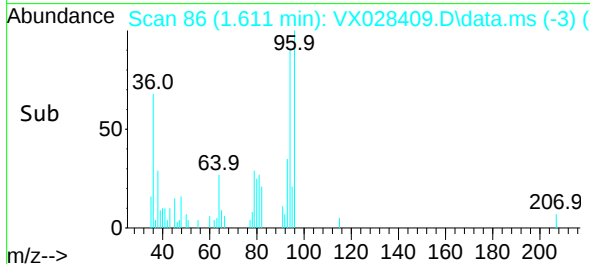
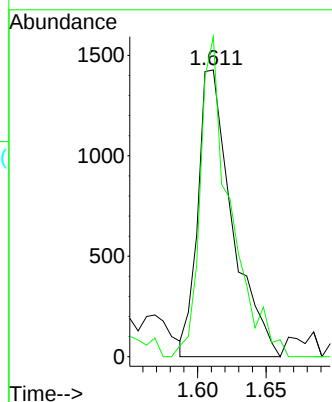
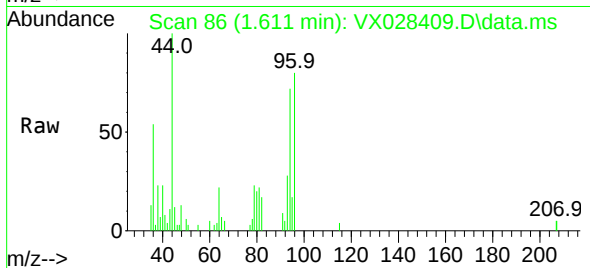
IBLK

Tgt Ion: 94 Resp: 2488

Ion Ratio Lower Upper

94 100

96 107.8 77.0 115.6



#7

Trichlorofluoromethane

Concen: 0.250 ug/l

RT: 1.892 min Scan# 132

Delta R.T. 0.006 min

Lab File: VX028409.D

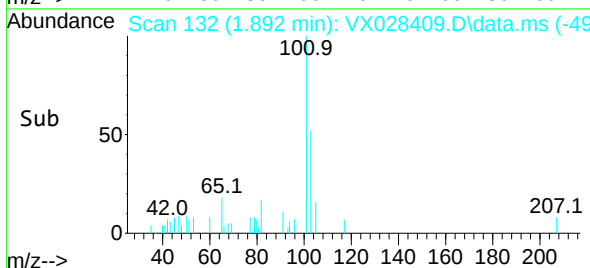
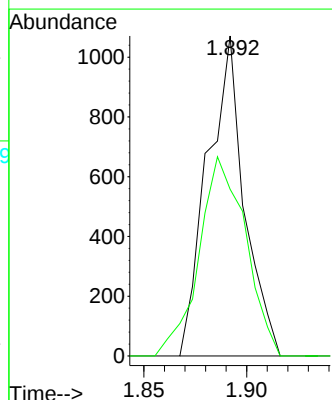
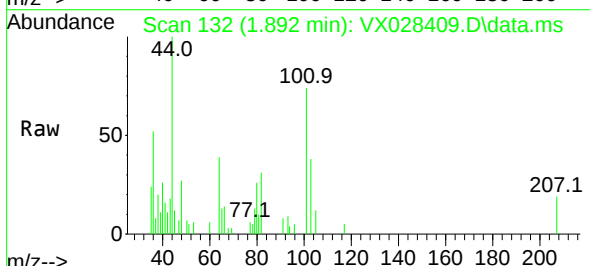
Acq: 28 Apr 2022 19:30

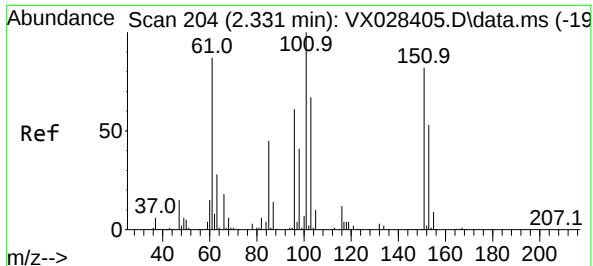
Tgt Ion: 101 Resp: 1335

Ion Ratio Lower Upper

101 100

103 52.1 49.6 74.4

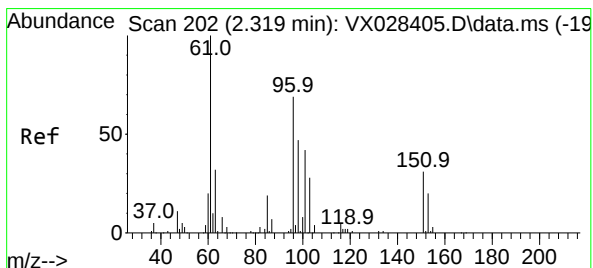
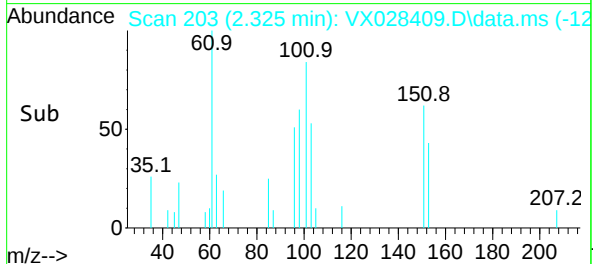
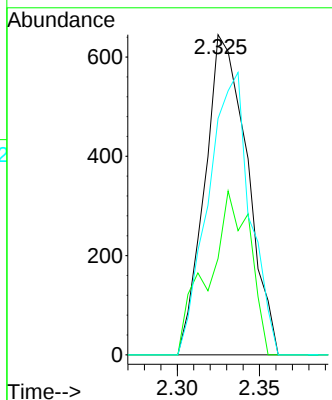
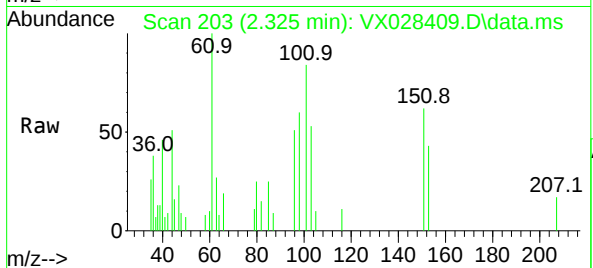




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.368 ug/l
 RT: 2.325 min Scan# 204
 Delta R.T. -0.006 min
 Lab File: VX028409.D
 Acq: 28 Apr 2022 19:30

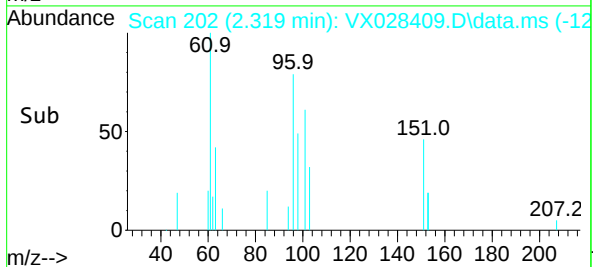
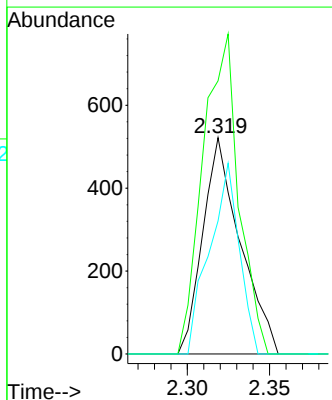
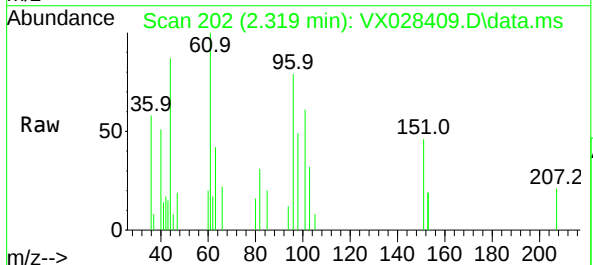
Instrument :
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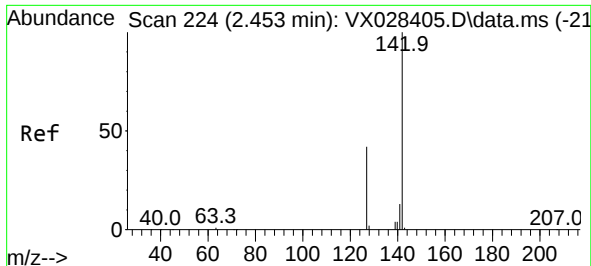
Tgt Ion:101 Resp: 1154
 Ion Ratio Lower Upper
 101 100
 85 37.3 0.0 84.6
 151 87.5 0.0 165.4



#10
 1,1-Dichloroethene
 Concen: 0.319 ug/l
 RT: 2.319 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX028409.D
 Acq: 28 Apr 2022 19:30

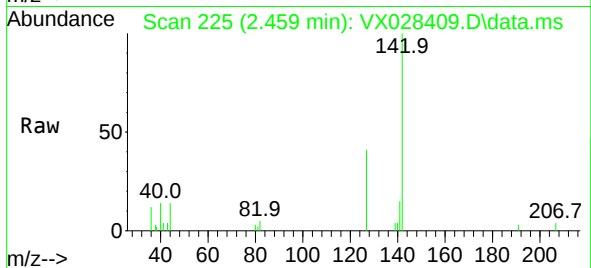
Tgt Ion: 96 Resp: 828
 Ion Ratio Lower Upper
 96 100
 61 126.2 122.6 183.8
 98 61.5 50.1 75.1



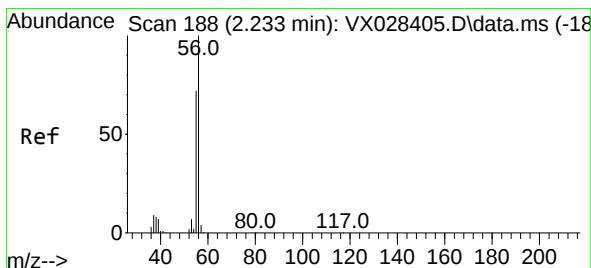
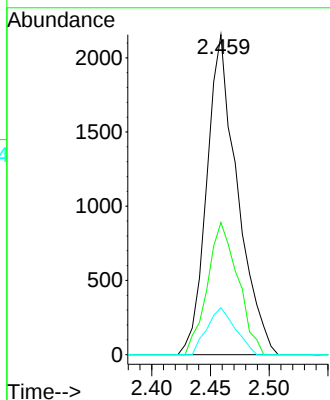
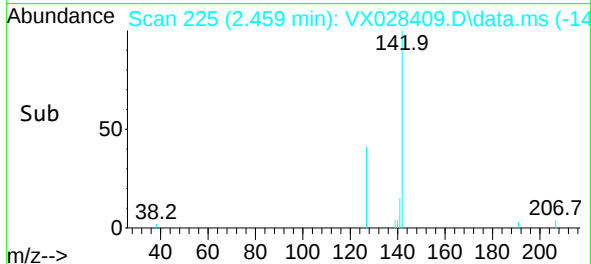


#11
Methyl Iodide
Concen: 1.121 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX028409.D
Acq: 28 Apr 2022 19:30

Instrument :
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ClientSampleId :
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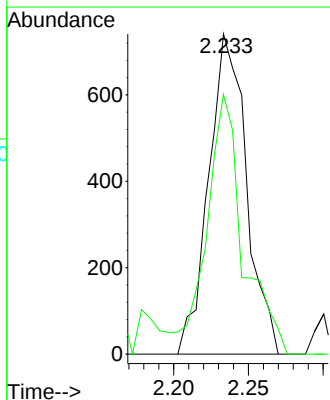
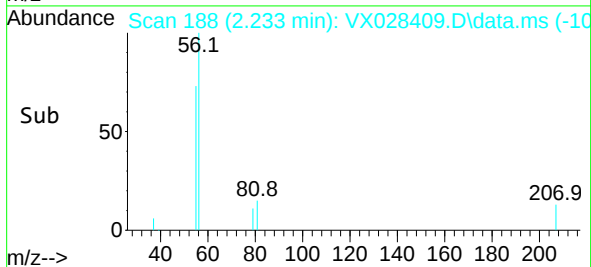
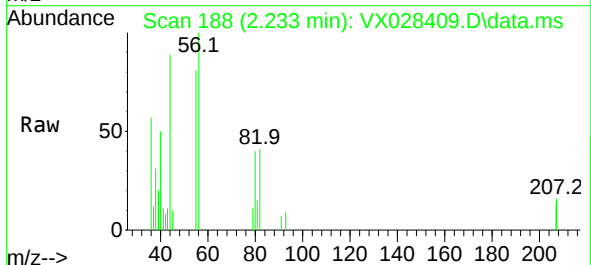


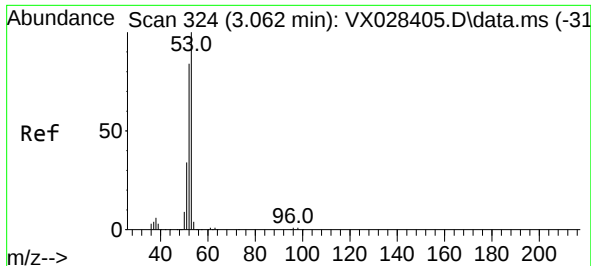
Tgt Ion:142 Resp: 3905
Ion Ratio Lower Upper
142 100
127 41.3 22.3 66.9
141 14.7 7.0 20.9



#13
Acrolein
Concen: 1.547 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX028409.D
Acq: 28 Apr 2022 19:30

Tgt Ion: 56 Resp: 1300
Ion Ratio Lower Upper
56 100
55 55.8 56.4 84.6#





#14

Acrylonitrile

Concen: 1.043 ug/l

RT: 3.068 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX028409.D

Acq: 28 Apr 2022 19:30

Instrument :

MSVOA_X

ClientSampleId :

IBLK

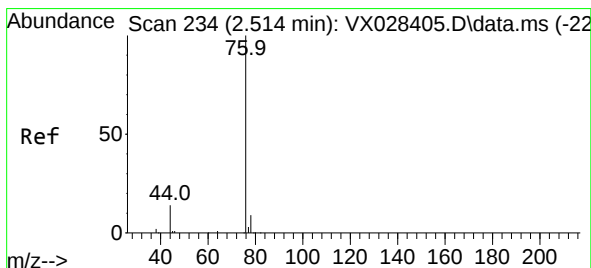
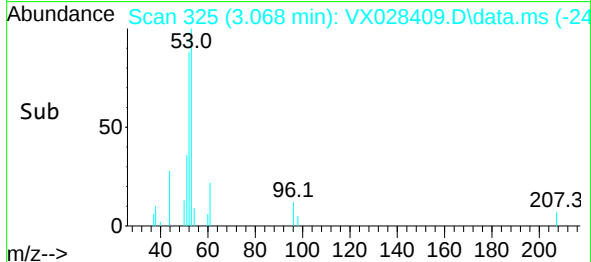
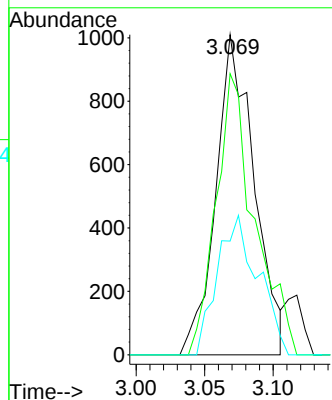
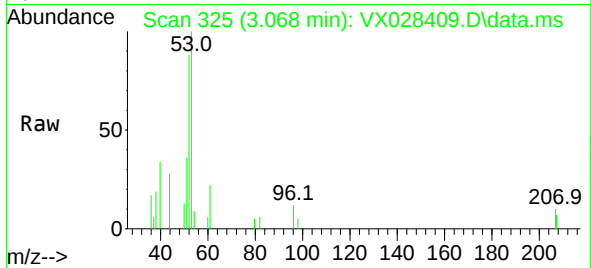
Tgt Ion: 53 Resp: 1967

Ion Ratio Lower Upper

53 100

52 88.2 41.5 124.5

51 37.2 18.1 54.4



#16

Carbon Disulfide

Concen: 1.571 ug/l

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX028409.D

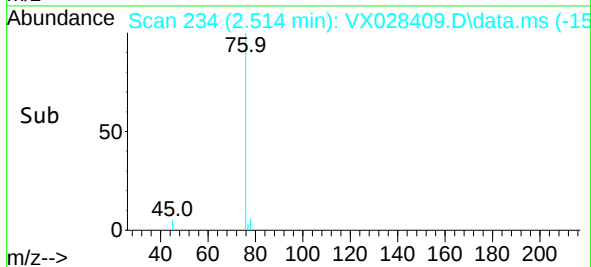
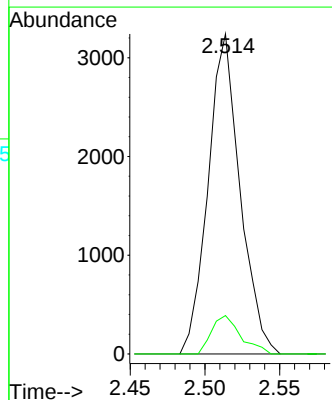
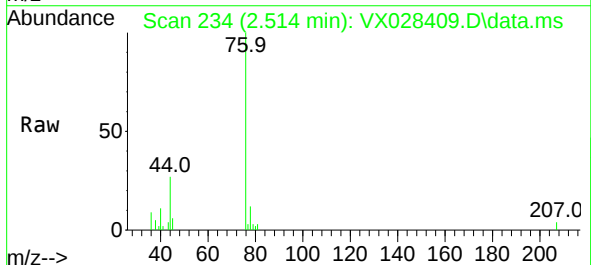
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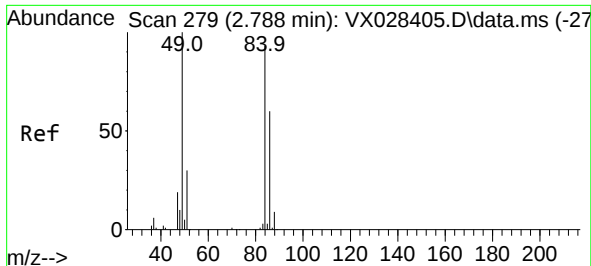
Tgt Ion: 76 Resp: 4817

Ion Ratio Lower Upper

76 100

78 12.0 7.1 10.7#

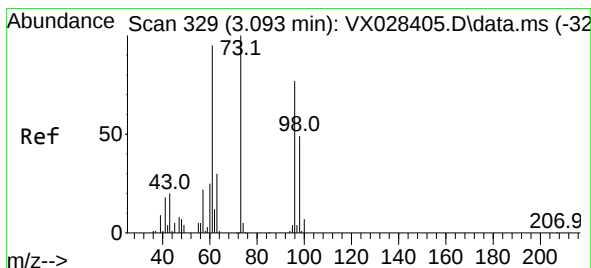
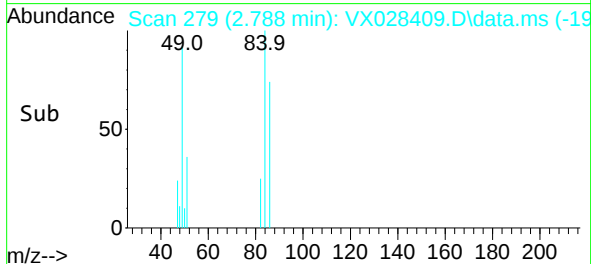
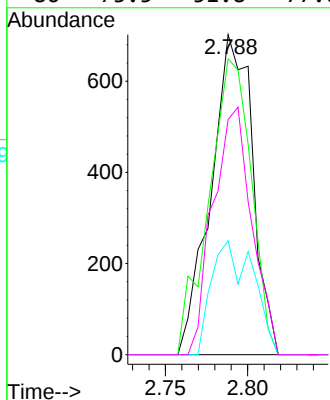
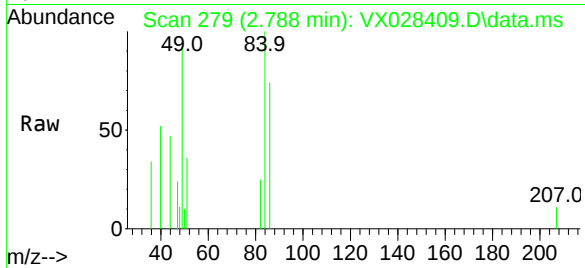




#18
Methylene Chloride
Concen: 0.370 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX028409.D
Acq: 28 Apr 2022 19:30

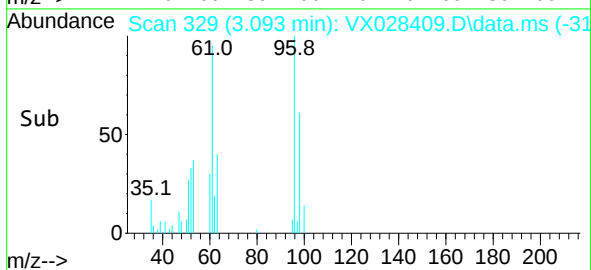
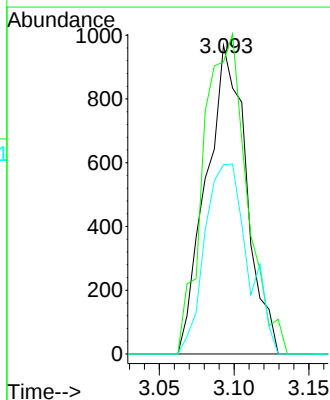
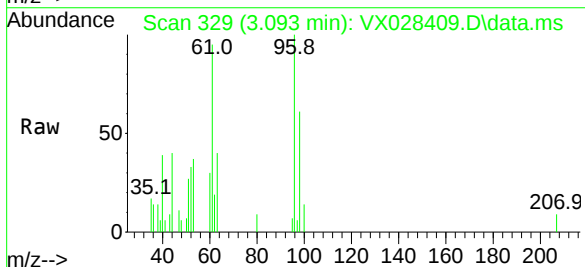
Instrument :
MSVOA_X
ClientSampleId :
IBLK

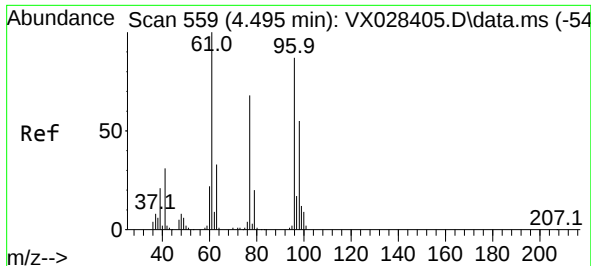
Tgt Ion: 84 Resp: 1233
Ion Ratio Lower Upper
84 100
49 92.5 94.2 141.2#
51 35.6 29.2 43.8
86 73.5 51.8 77.6



#19
trans-1,2-Dichloroethene
Concen: 0.630 ug/l
RT: 3.093 min Scan# 329
Delta R.T. -0.000 min
Lab File: VX028409.D
Acq: 28 Apr 2022 19:30

Tgt Ion: 96 Resp: 1804
Ion Ratio Lower Upper
96 100
61 94.5 108.7 163.1#
98 61.3 49.2 73.8





#22

cis-1,2-Dichloroethene

Concen: 0.280 ug/l

RT: 4.495 min Scan# 511

Delta R.T. -0.000 min

Lab File: VX028409.D

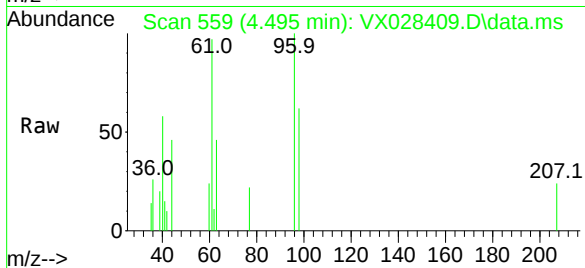
Acq: 28 Apr 2022 19:30

Instrument :

MSVOA_X

ClientSampleId :

IBLK



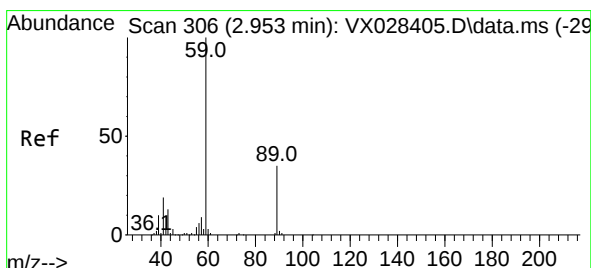
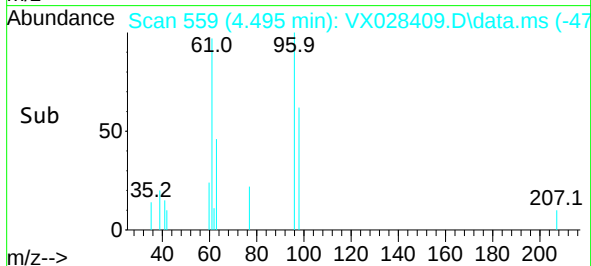
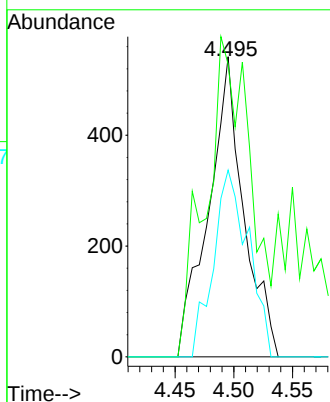
Tgt Ion: 96 Resp: 1129

Ion Ratio Lower Upper

96 100

61 35.3 107.4 161.2#

98 61.7 51.1 76.7



#23

tert-Butyl Alcohol

Concen: 11.479 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.012 min

Lab File: VX028409.D

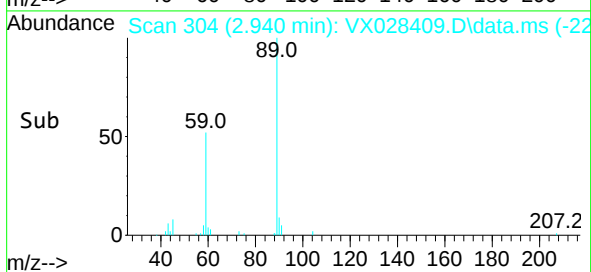
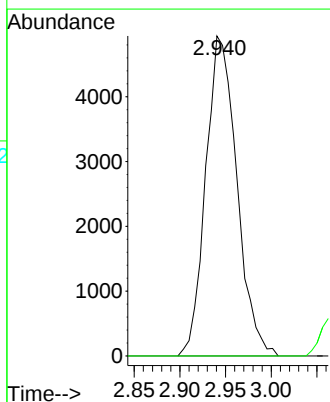
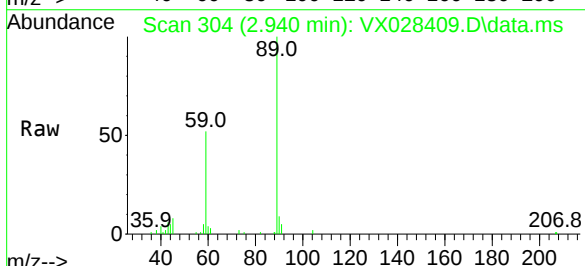
Acq: 28 Apr 2022 19:30

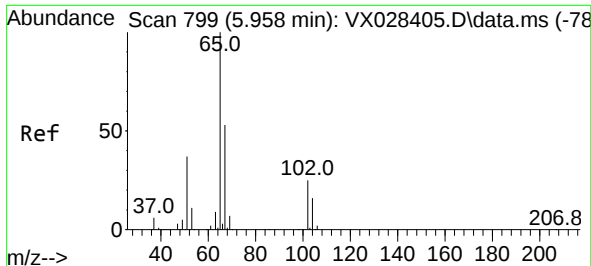
Tgt Ion: 59 Resp: 11688

Ion Ratio Lower Upper

59 100

52 14.8 0.0 0.0#





#27

1,2-Dichloroethane-d4

Concen: 30.326 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX028409.D

Acq: 28 Apr 2022 19:30

Instrument :

MSVOA_X

ClientSampleId :

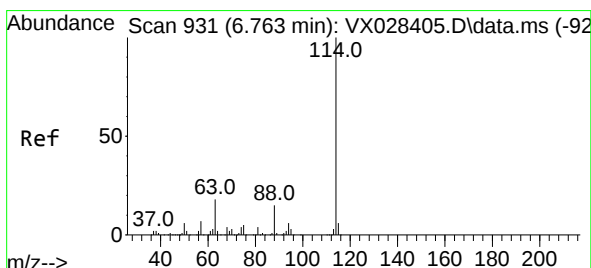
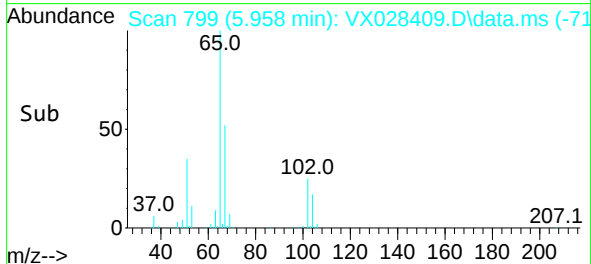
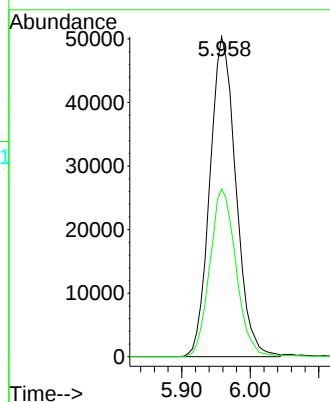
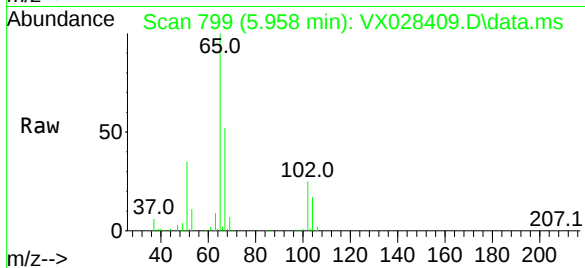
IBLK

Tgt Ion: 65 Resp: 132700

Ion Ratio Lower Upper

65 100

67 52.6 42.3 63.5



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX028409.D

Acq: 28 Apr 2022 19:30

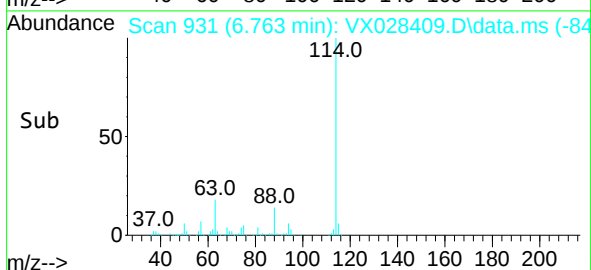
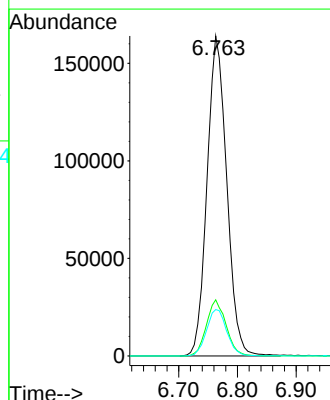
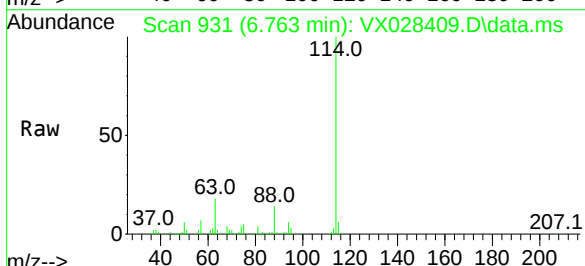
Tgt Ion: 114 Resp: 382331

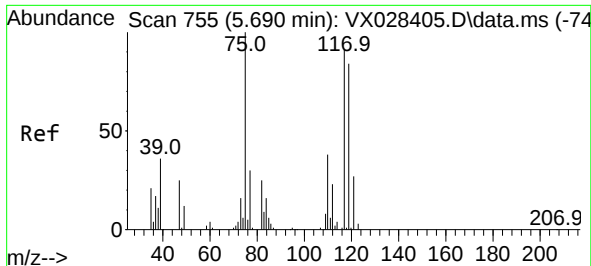
Ion Ratio Lower Upper

114 100

63 17.5 15.3 22.9

88 14.9 12.2 18.4





#29

1,1-Dichloropropene

Concen: 0.273 ug/l

RT: 5.696 min Scan# 755

Delta R.T. 0.006 min

Lab File: VX028409.D

Acq: 28 Apr 2022 19:30

Instrument :

MSVOA_X

ClientSampleId :

IBLK

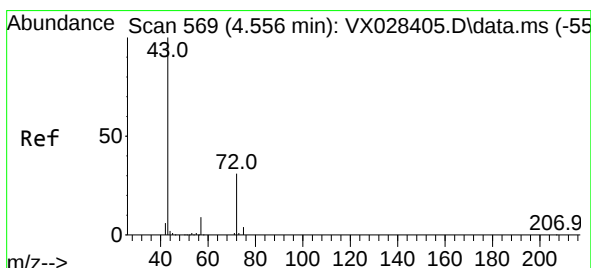
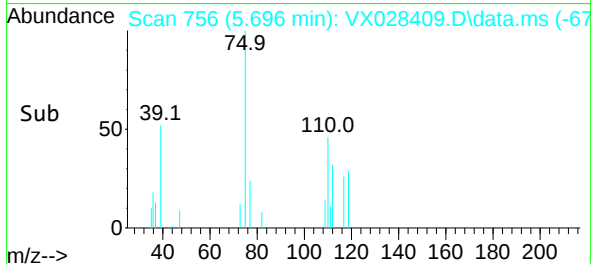
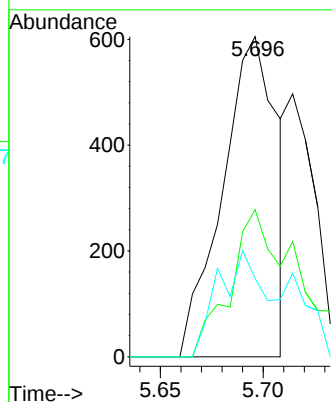
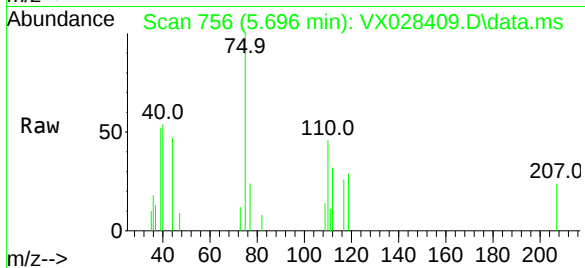
Tgt Ion: 75 Resp: 1112

Ion Ratio Lower Upper

75 100

110 29.2 0.0 73.6

77 26.3 0.0 62.2



#30

2-Butanone

Concen: 0.296 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.012 min

Lab File: VX028409.D

Acq: 28 Apr 2022 19:30

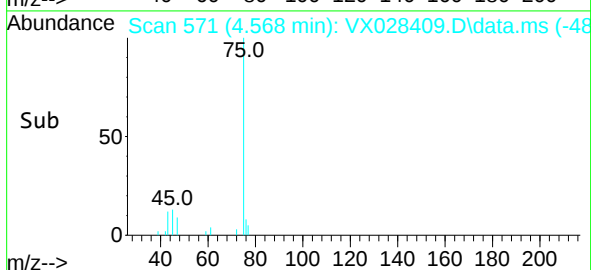
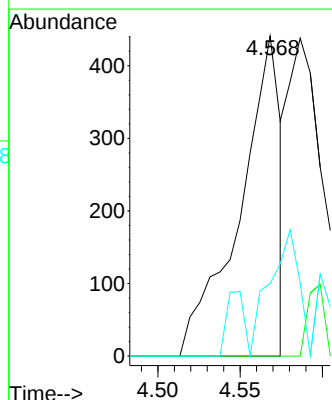
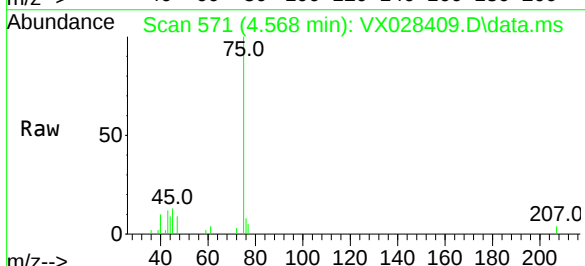
Tgt Ion: 43 Resp: 759

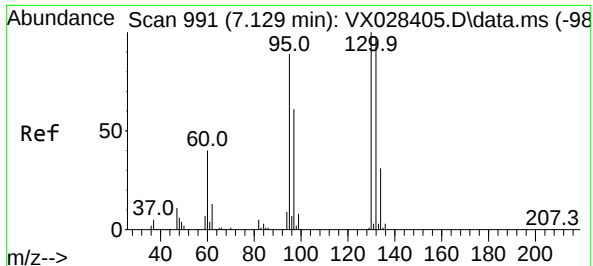
Ion Ratio Lower Upper

43 100

57 0.0 6.6 10.0#

72 8.6 22.1 33.1#





#37

Trichloroethene

Concen: 0.382 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX028409.D

Acq: 28 Apr 2022 19:30

Instrument :

MSVOA_X

ClientSampleId :

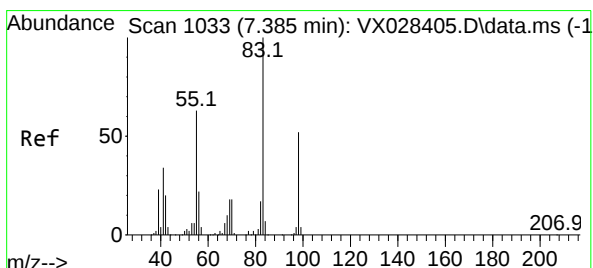
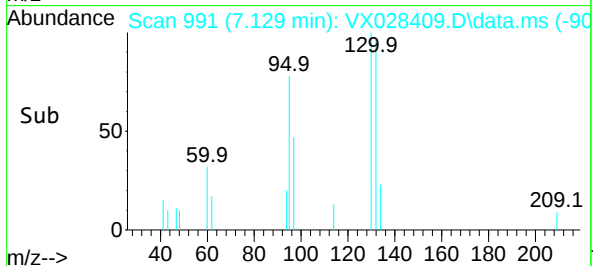
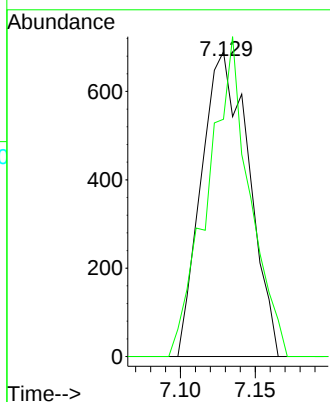
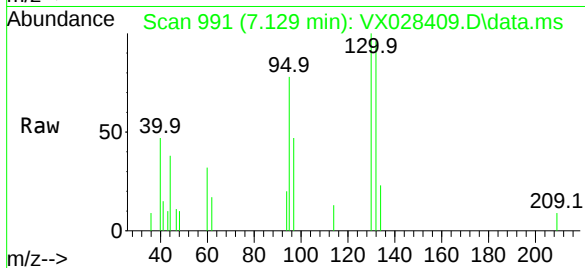
IBLK

Tgt Ion:130 Resp: 1516

Ion Ratio Lower Upper

130 100

95 68.8 76.5 114.7#



#38

Methylcyclohexane

Concen: 0.208 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX028409.D

Acq: 28 Apr 2022 19:30

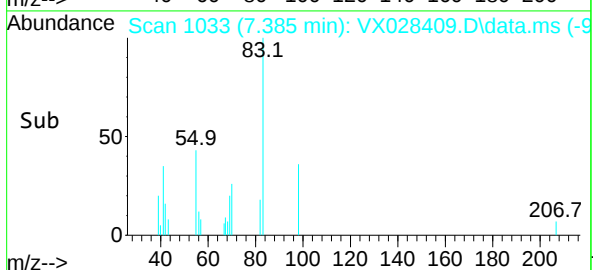
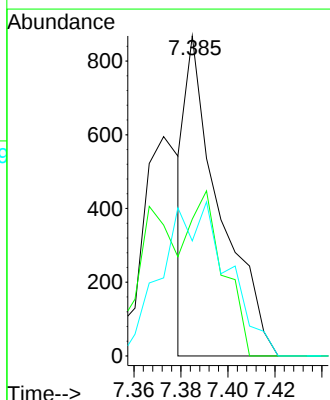
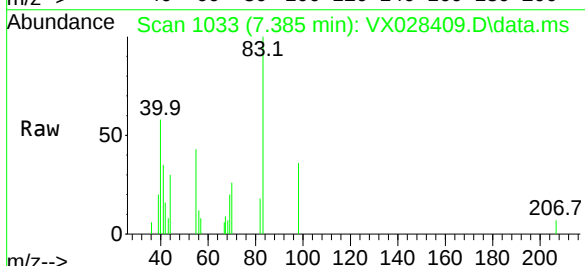
Tgt Ion: 83 Resp: 865

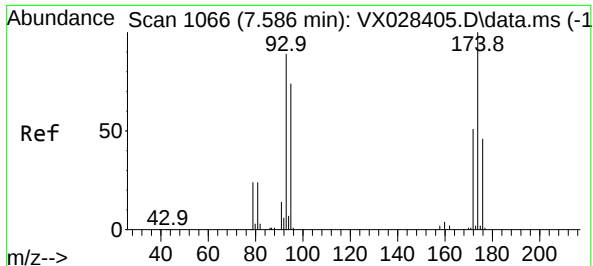
Ion Ratio Lower Upper

83 100

55 52.6 37.0 110.9

98 93.8 25.9 77.8#





#40

Dibromomethane

Concen: 0.315 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VX028409.D

Acq: 28 Apr 2022 19:30

Instrument :

MSVOA_X

ClientSampleId :

IBLK

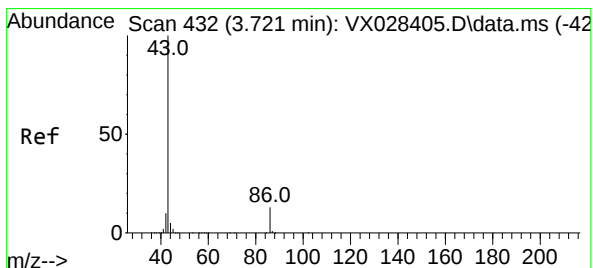
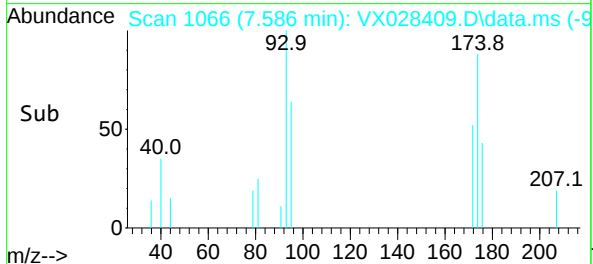
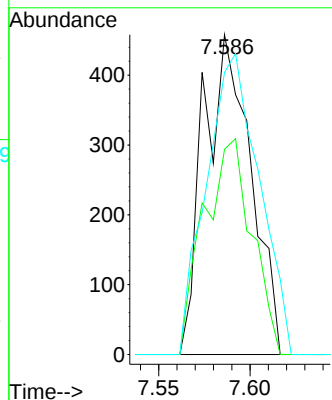
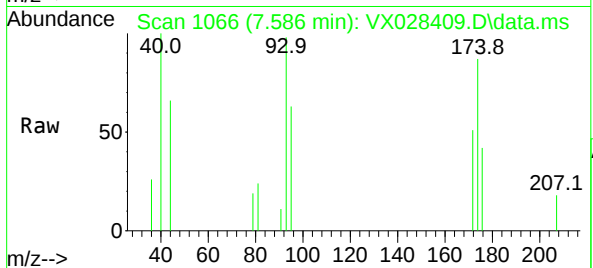
Tgt Ion: 93 Resp: 823

Ion Ratio Lower Upper

93 100

95 68.5 0.0 168.8

174 105.2 0.0 220.8



#42

Vinyl Acetate

Concen: 0.243 ug/l

RT: 3.739 min Scan# 435

Delta R.T. 0.018 min

Lab File: VX028409.D

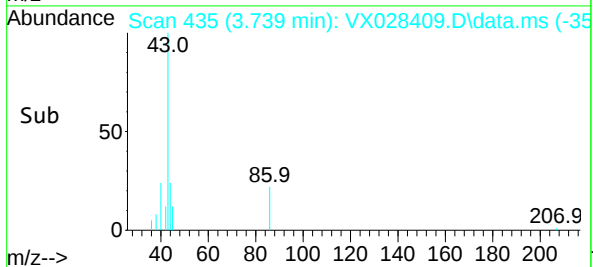
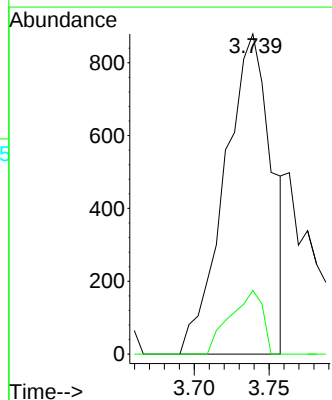
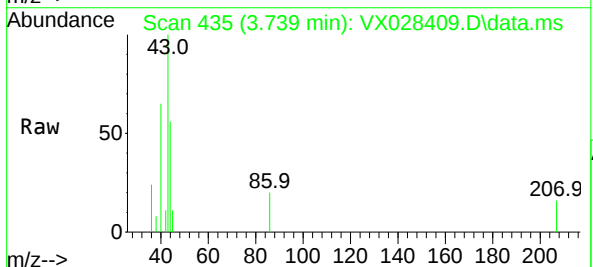
Acq: 28 Apr 2022 19:30

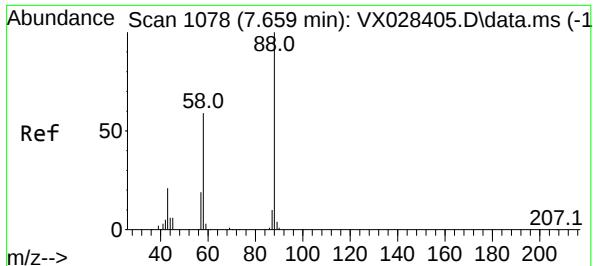
Tgt Ion: 43 Resp: 1931

Ion Ratio Lower Upper

43 100

86 13.7 8.5 12.7#

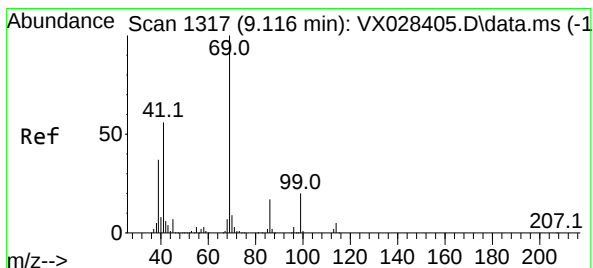
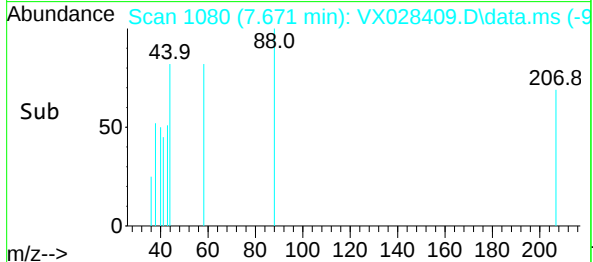
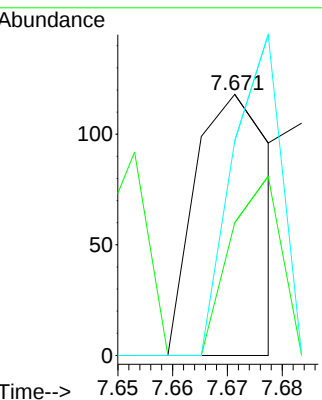
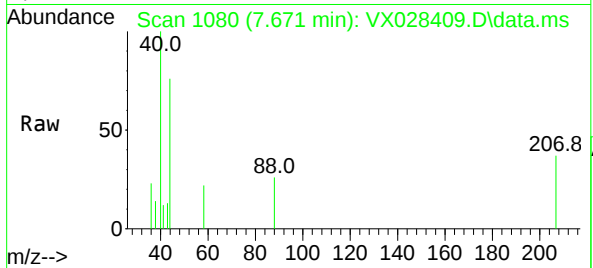




#45
1,4-Dioxane
Concen: 1.142 ug/l
RT: 7.671 min Scan# 115
Delta R.T. 0.012 min
Lab File: VX028409.D
Acq: 28 Apr 2022 19:30

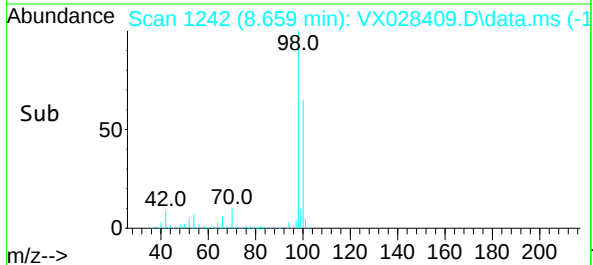
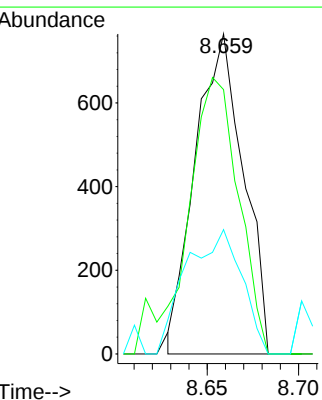
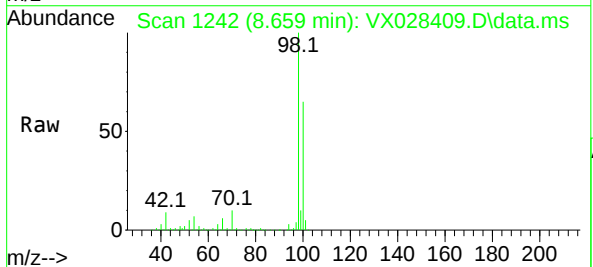
Instrument :
MSVOA_X
ClientSampleId :
IBLK

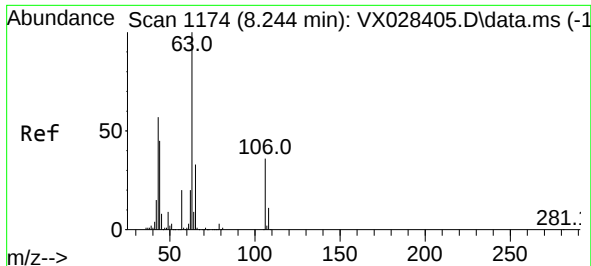
Tgt Ion: 88 Resp: 115
Ion Ratio Lower Upper
88 100
43 45.2 25.8 38.6#
58 77.4 54.8 82.2



#51
Ethyl methacrylate
Concen: 0.238 ug/l
RT: 8.659 min Scan# 1242
Delta R.T. -0.457 min
Lab File: VX028409.D
Acq: 28 Apr 2022 19:30

Tgt Ion: 69 Resp: 1401
Ion Ratio Lower Upper
69 100
41 82.6 32.1 96.5
39 38.8 18.3 54.9





#55

2-Chloroethyl vinyl ether

Concen: 0.635 ug/l

RT: 8.251 min Scan# 1175

Delta R.T. 0.006 min

Lab File: VX028409.D

Acq: 28 Apr 2022 19:30

Instrument :

MSVOA_X

ClientSampleId :

IBLK

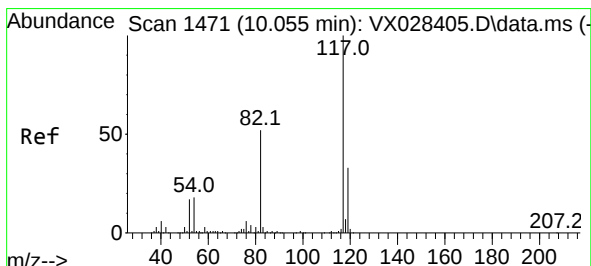
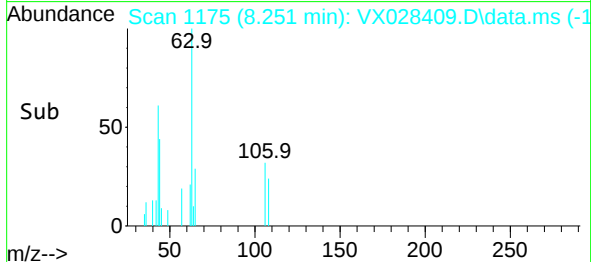
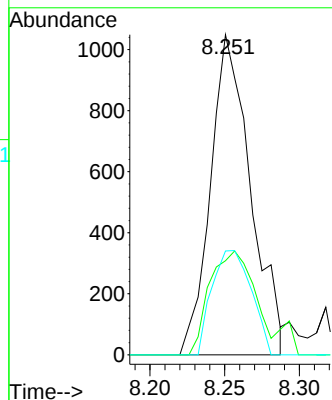
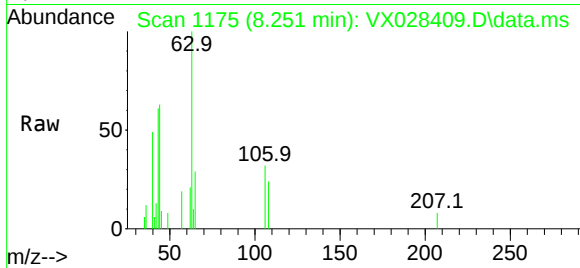
Tgt Ion: 63 Resp: 1959

Ion Ratio Lower Upper

63 100

65 36.1 25.9 38.9

106 32.0 25.8 38.6



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX028409.D

Acq: 28 Apr 2022 19:30

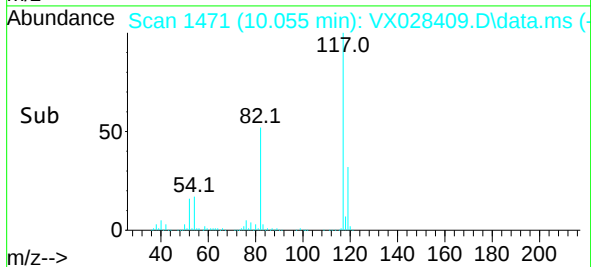
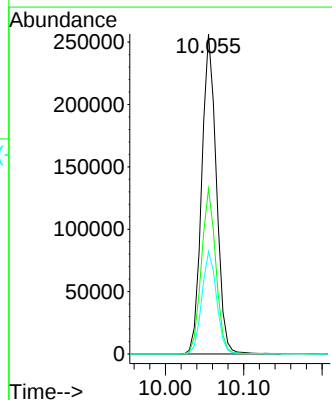
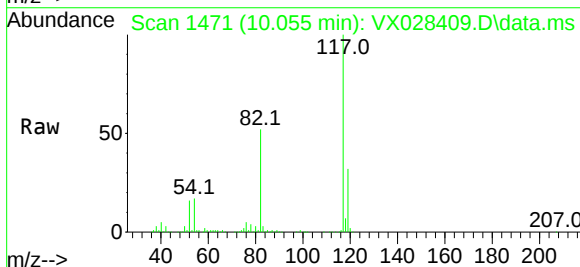
Tgt Ion: 117 Resp: 333025

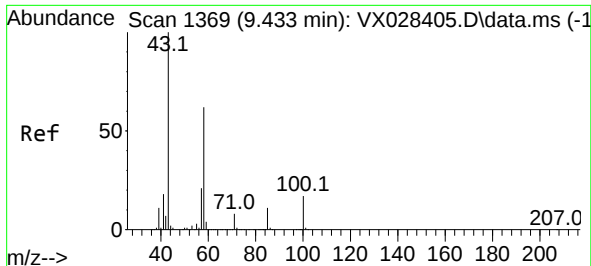
Ion Ratio Lower Upper

117 100

82 51.2 42.3 63.5

119 32.4 26.2 39.2

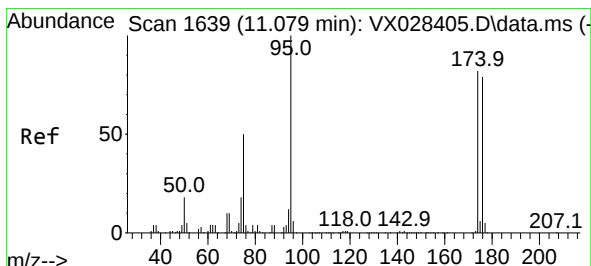
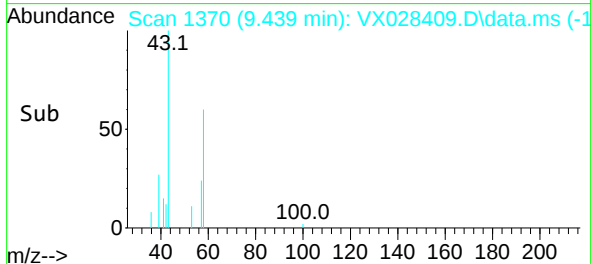
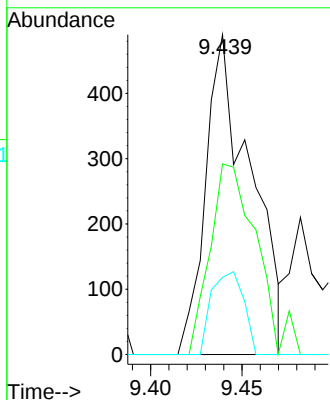
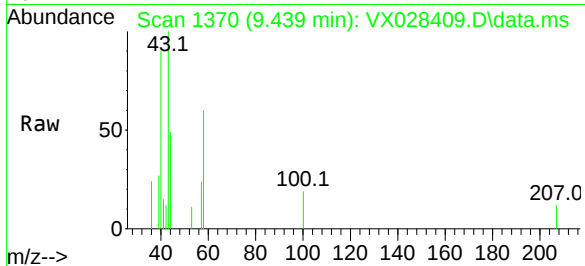




#59
2-Hexanone
Concen: 0.224 ug/l
RT: 9.439 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX028409.D
Acq: 28 Apr 2022 19:30

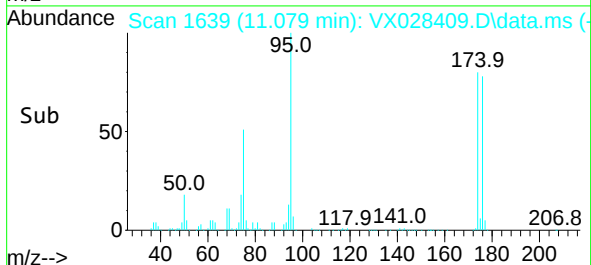
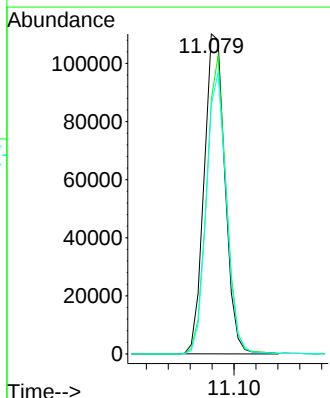
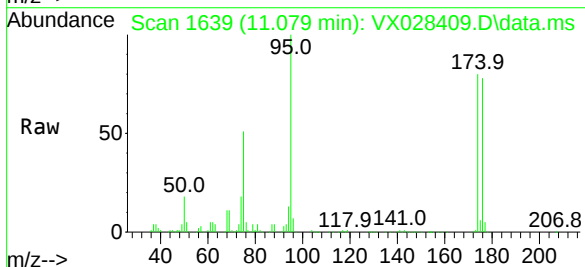
Instrument :
MSVOA_X
ClientSampleId :
IBLK

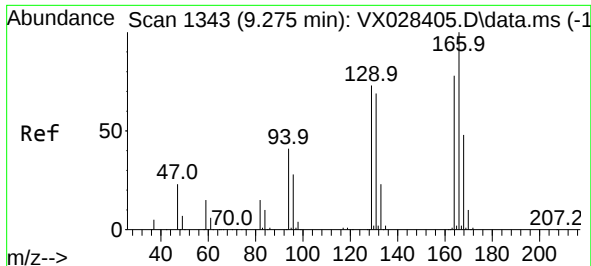
Tgt Ion: 43	Resp: 840		
Ion Ratio	Lower	Upper	
43	100		
58	59.0	44.1	66.1
57	18.5	16.2	24.2



#60
4-Bromofluorobenzene
Concen: 28.118 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX028409.D
Acq: 28 Apr 2022 19:30

Tgt Ion: 95	Resp: 145626
Ion Ratio	Lower Upper
95 100	
174 88.3	65.4 98.2
176 83.9	63.4 95.0

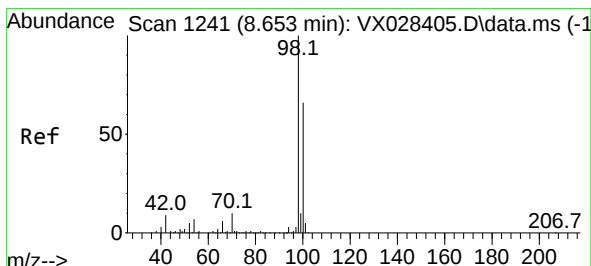
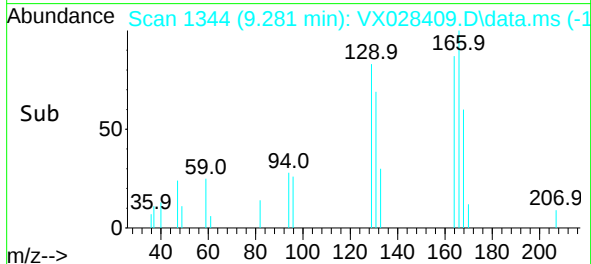
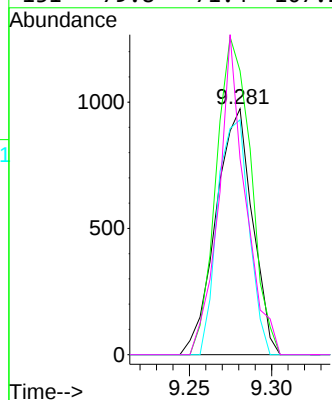
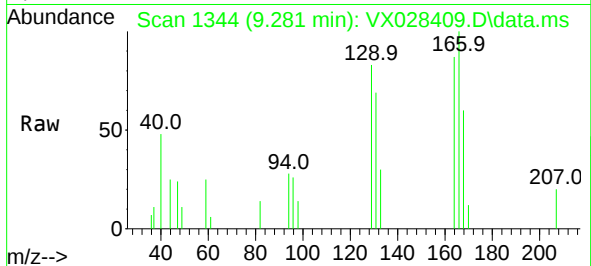




#61
Tetrachloroethene
Concen: 0.410 ug/l
RT: 9.281 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX028409.D
Acq: 28 Apr 2022 19:30

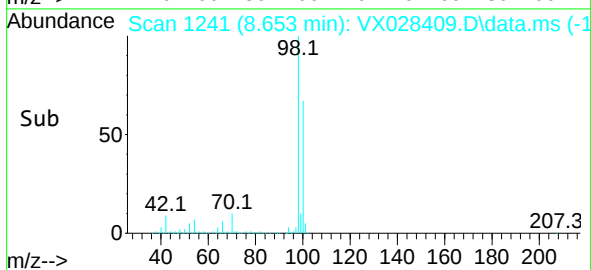
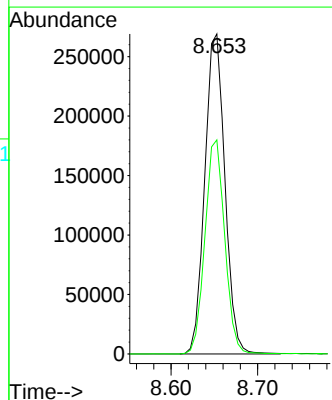
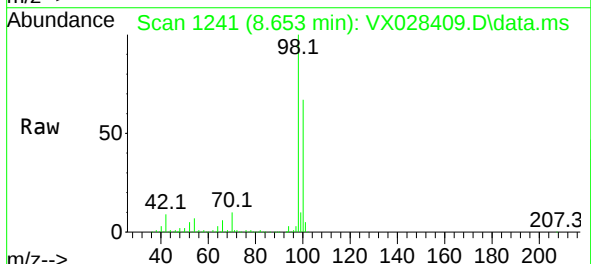
Instrument :
MSVOA_X
ClientSampleId :
IBLK

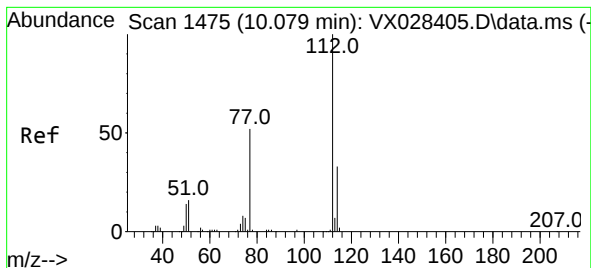
Tgt Ion:164 Resp: 1508
Ion Ratio Lower Upper
164 100
166 115.4 105.0 157.6
129 95.5 78.5 117.7
131 79.8 71.4 107.2



#63
Toluene-d8
Concen: 30.829 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028409.D
Acq: 28 Apr 2022 19:30

Tgt Ion: 98 Resp: 434934
Ion Ratio Lower Upper
98 100
100 65.8 51.4 77.2





#64

Chlorobenzene

Concen: 0.279 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX028409.D

Acq: 28 Apr 2022 19:30

Instrument :

MSVOA_X

ClientSampleId :

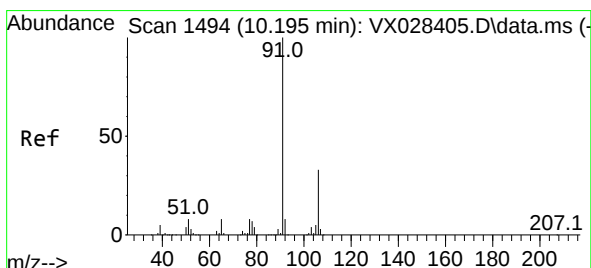
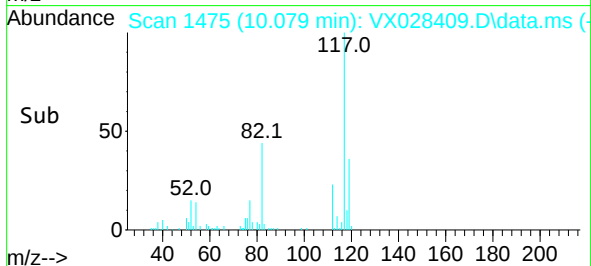
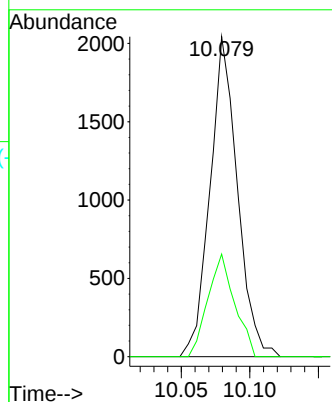
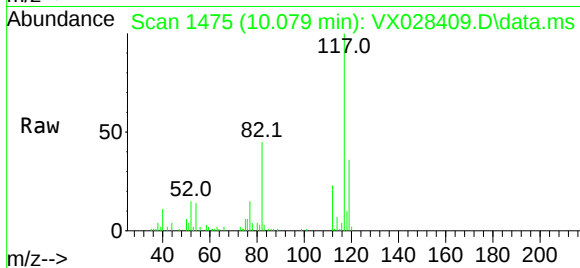
IBLK

Tgt Ion:112 Resp: 2843

Ion Ratio Lower Upper

112 100

114 32.1 26.0 39.0



#66

Ethyl Benzene

Concen: 0.213 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. -0.000 min

Lab File: VX028409.D

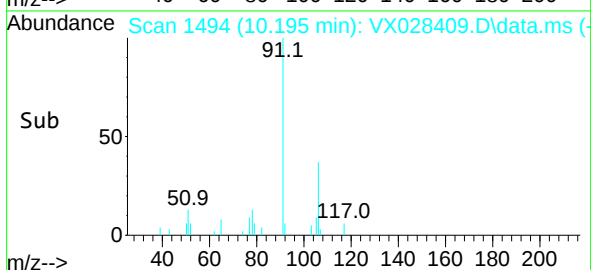
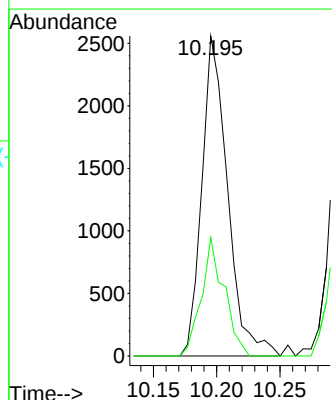
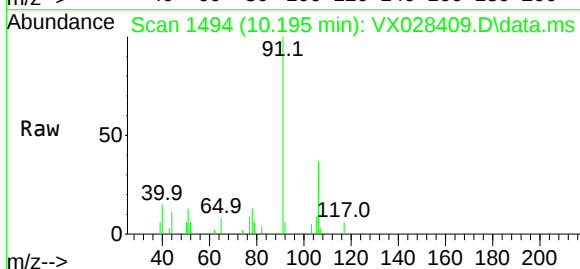
Acq: 28 Apr 2022 19:30

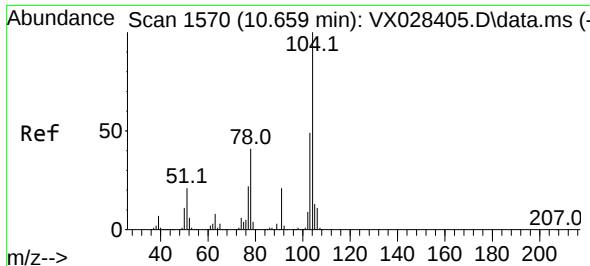
Tgt Ion: 91 Resp: 3623

Ion Ratio Lower Upper

91 100

106 36.9 25.8 38.8

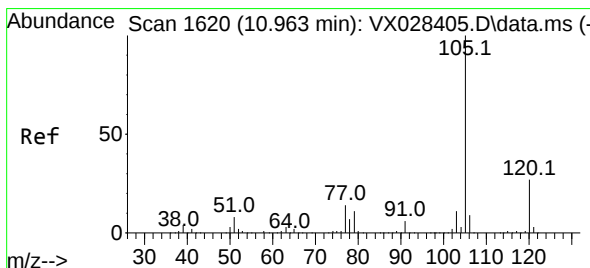
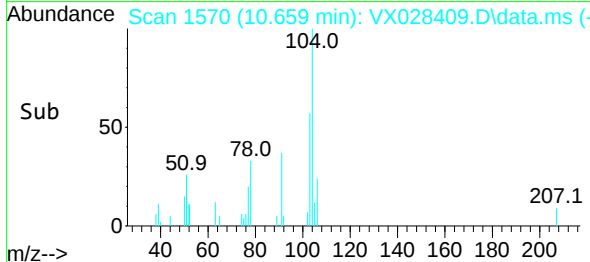
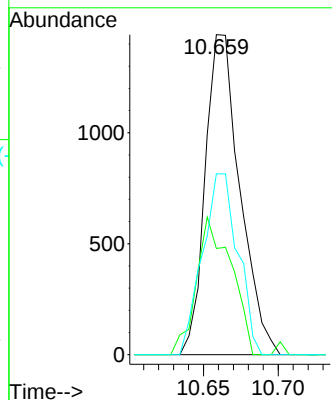
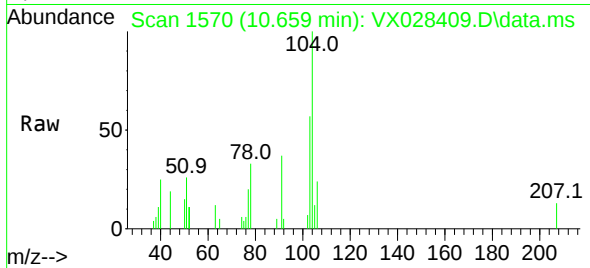




#69
Styrene
Concen: 0.201 ug/l
RT: 10.659 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028409.D
Acq: 28 Apr 2022 19:30

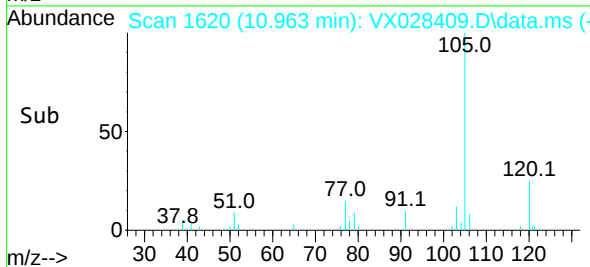
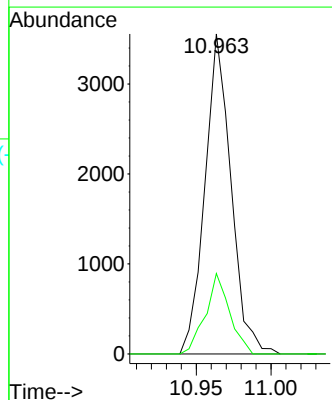
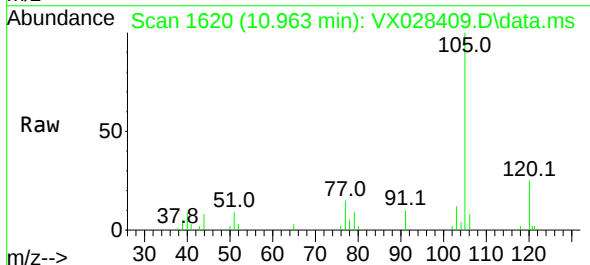
Instrument :
MSVOA_X
ClientSampleId :
IBLK

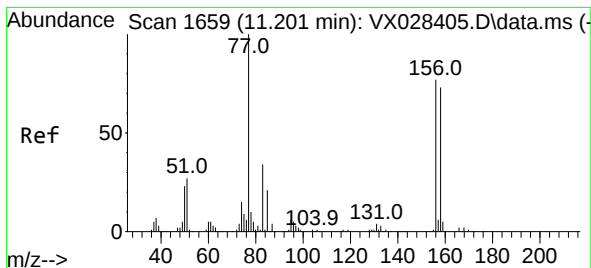
Tgt Ion:104 Resp: 2333
Ion Ratio Lower Upper
104 100
78 43.1 39.7 59.5
103 57.7 42.7 64.1



#70
Isopropylbenzene
Concen: 0.239 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX028409.D
Acq: 28 Apr 2022 19:30

Tgt Ion:105 Resp: 4313
Ion Ratio Lower Upper
105 100
120 23.2 18.8 34.8





#73

Bromobenzene

Concen: 0.270 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. -0.000 min

Lab File: VX028409.D

Acq: 28 Apr 2022 19:30

Instrument :

MSVOA_X

ClientSampleId :

IBLK

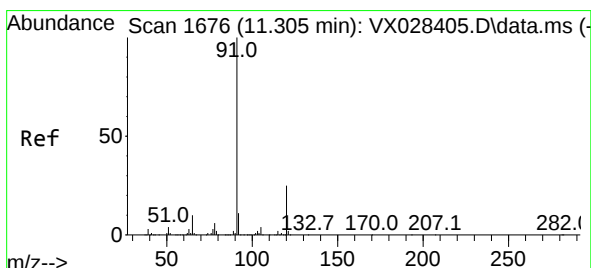
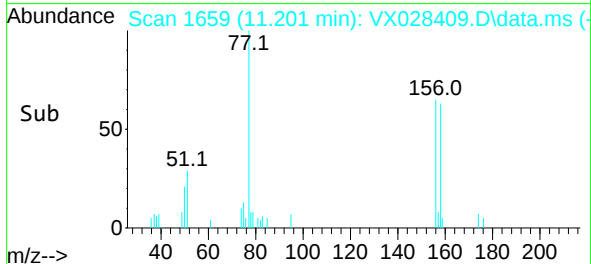
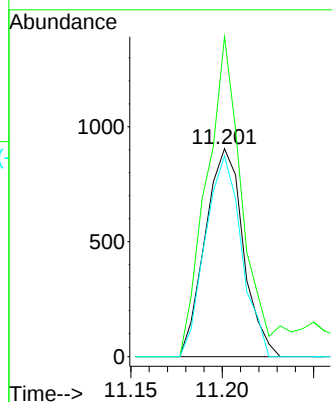
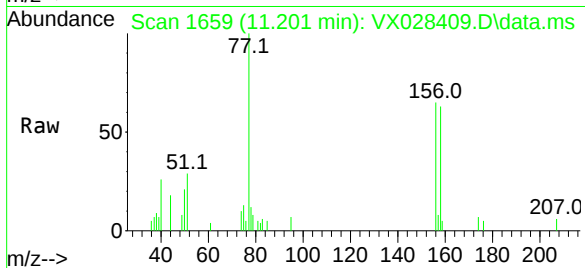
Tgt Ion:156 Resp: 1314

Ion Ratio Lower Upper

156 100

77 140.7 0.0 297.6

158 91.7 0.0 188.4



#74

n-propylbenzene

Concen: 0.293 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX028409.D

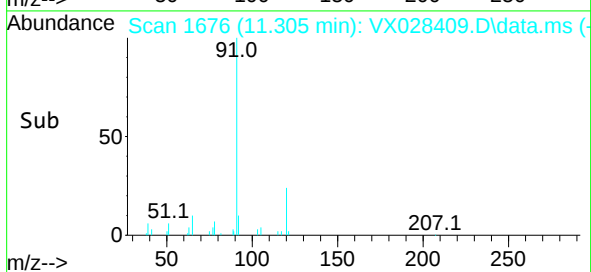
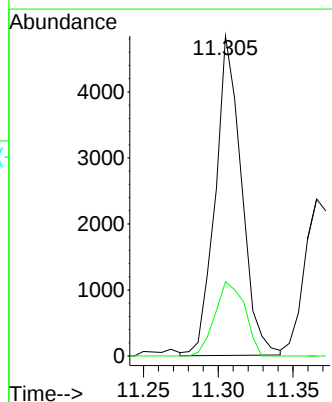
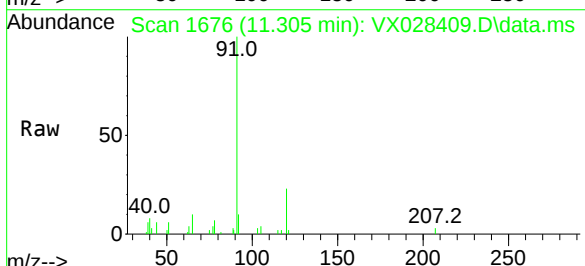
Acq: 28 Apr 2022 19:30

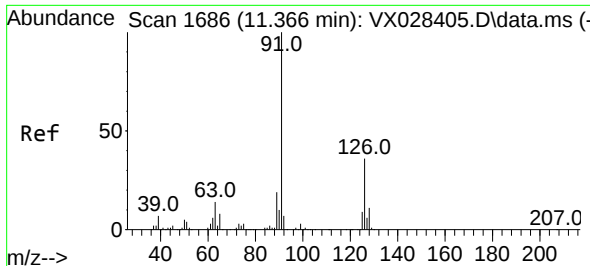
Tgt Ion: 91 Resp: 5900

Ion Ratio Lower Upper

91 100

120 26.4 0.0 48.0

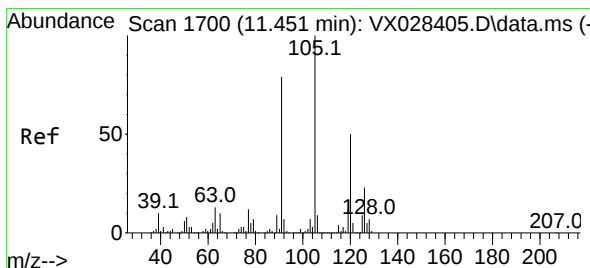
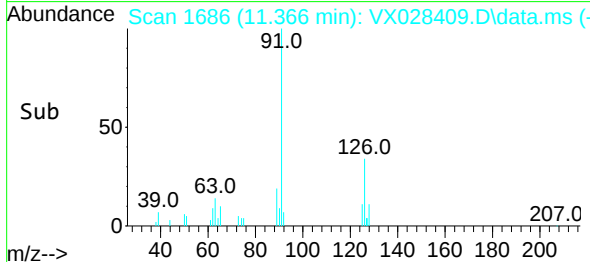
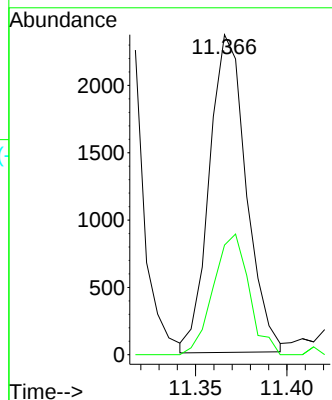
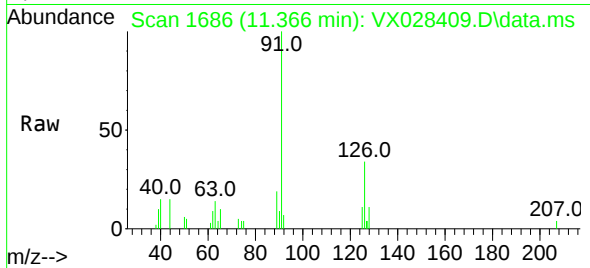




#75
2-Chlorotoluene
Concen: 0.266 ug/l
RT: 11.366 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX028409.D
Acq: 28 Apr 2022 19:30

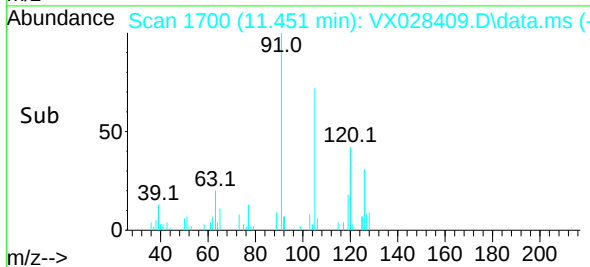
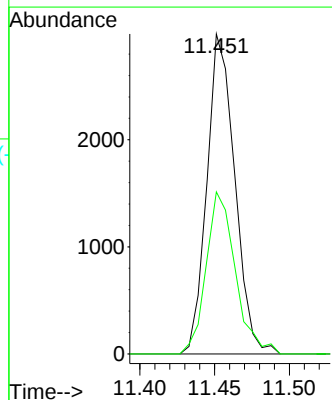
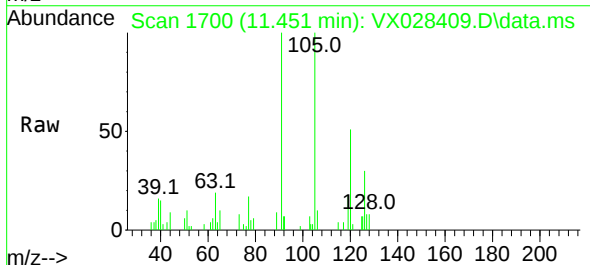
Instrument :
MSVOA_X
ClientSampleId :
IBLK

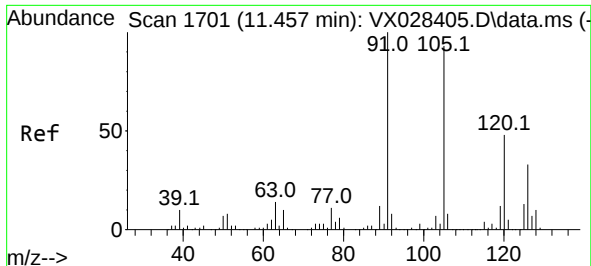
Tgt Ion: 91 Resp: 3316
Ion Ratio Lower Upper
91 100
126 36.6 0.0 68.6



#76
1,3,5-Trimethylbenzene
Concen: 0.256 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX028409.D
Acq: 28 Apr 2022 19:30

Tgt Ion: 105 Resp: 3878
Ion Ratio Lower Upper
105 100
120 53.0 0.0 98.0

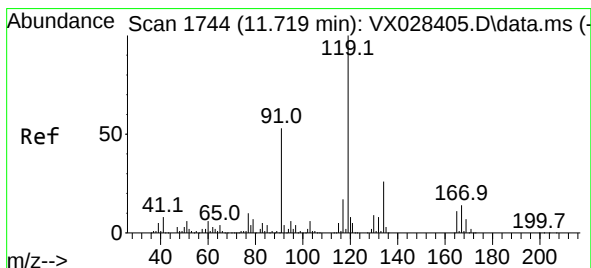
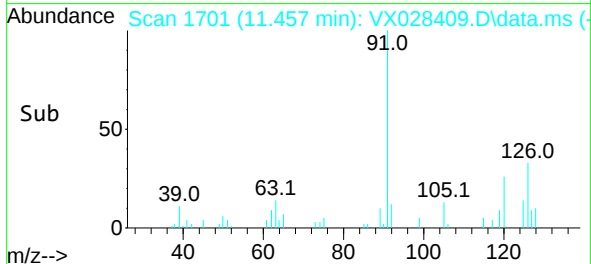
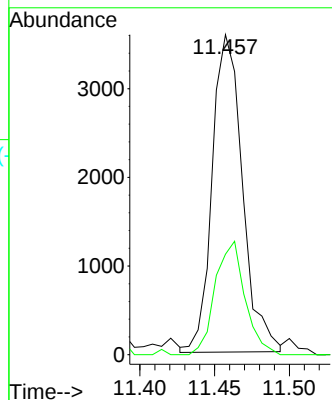
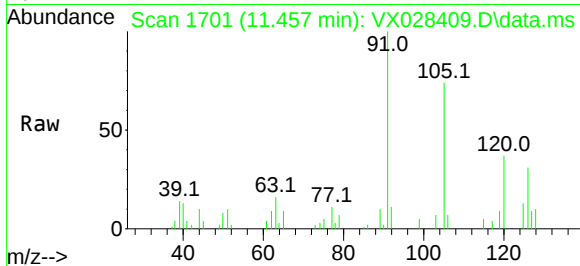




#78
4-Chlorotoluene
Concen: 0.358 ug/l
RT: 11.457 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028409.D
Acq: 28 Apr 2022 19:30

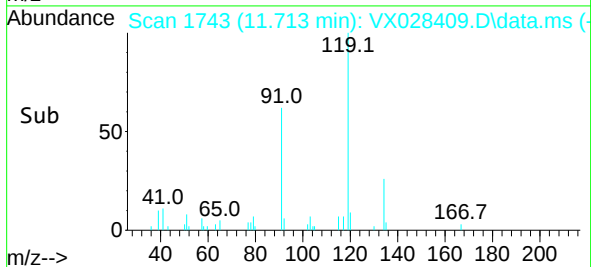
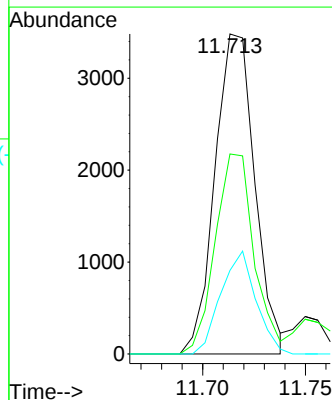
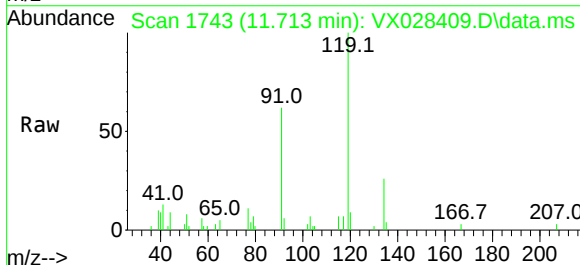
Instrument :
MSVOA_X
ClientSampleId :
IBLK

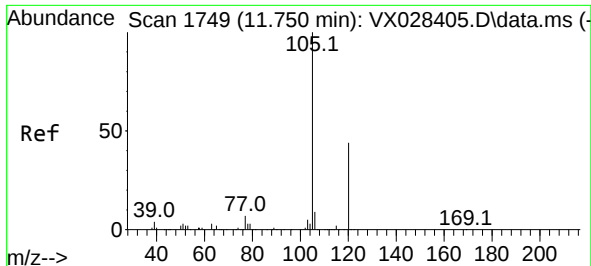
Tgt Ion: 91 Resp: 5047
Ion Ratio Lower Upper
91 100
126 35.1 0.0 59.8



#79
tert-butylbenzene
Concen: 0.307 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.006 min
Lab File: VX028409.D
Acq: 28 Apr 2022 19:30

Tgt Ion: 119 Resp: 4707
Ion Ratio Lower Upper
119 100
91 60.8 0.0 119.4
134 28.3 0.0 48.4

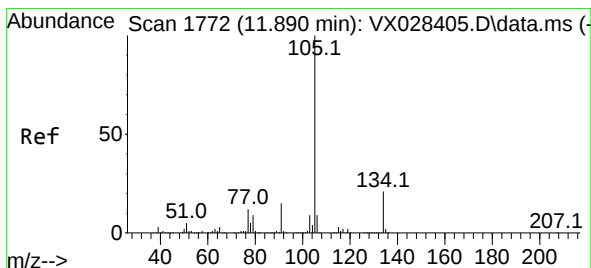
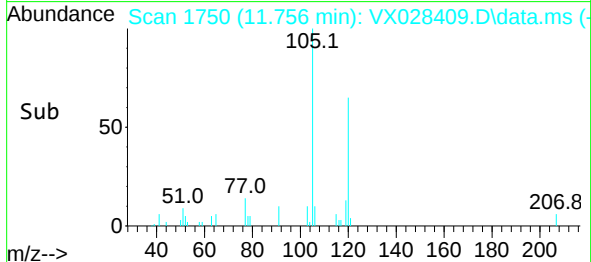
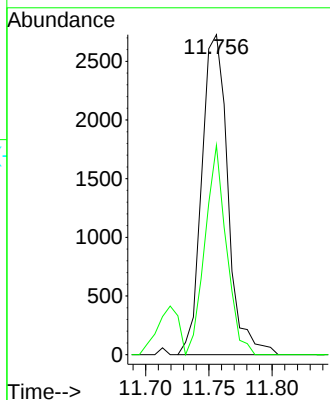
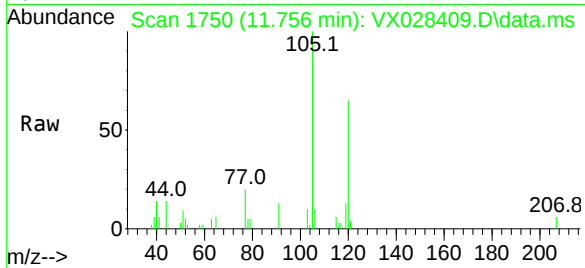




#80
1,2,4-Trimethylbenzene
Concen: 0.258 ug/l
RT: 11.756 min Scan# 11750
Delta R.T. 0.006 min
Lab File: VX028409.D
Acq: 28 Apr 2022 19:30

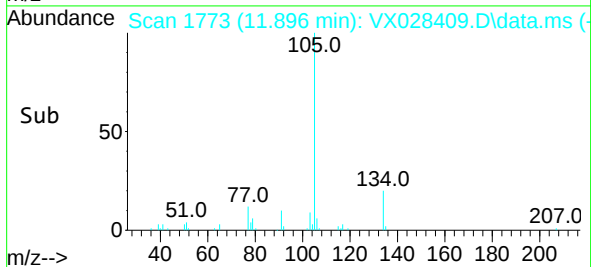
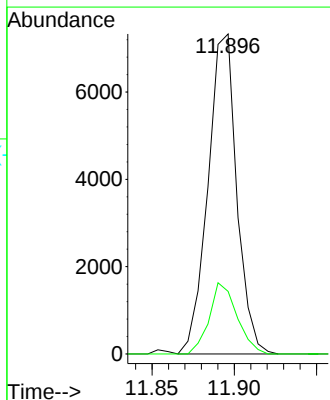
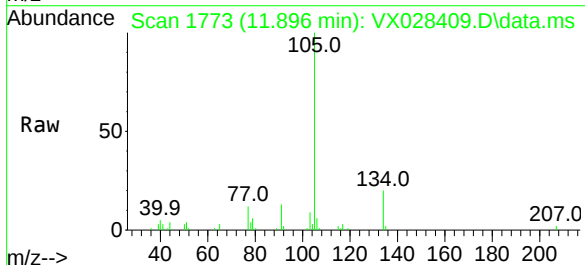
Instrument :
MSVOA_X
ClientSampleId :
IBLK

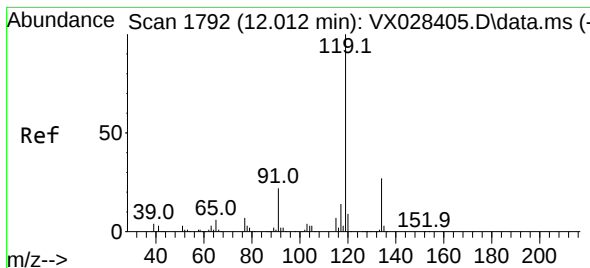
Tgt Ion:105 Resp: 3917
Ion Ratio Lower Upper
105 100
120 53.6 0.0 89.6



#81
sec-Butylbenzene
Concen: 0.492 ug/l
RT: 11.896 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VX028409.D
Acq: 28 Apr 2022 19:30

Tgt Ion:105 Resp: 8950
Ion Ratio Lower Upper
105 100
134 21.4 0.0 41.2





#82

p-Isopropyltoluene

Concen: 0.490 ug/l

RT: 12.012 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX028409.D

Acq: 28 Apr 2022 19:30

Instrument :

MSVOA_X

ClientSampleId :

IBLK

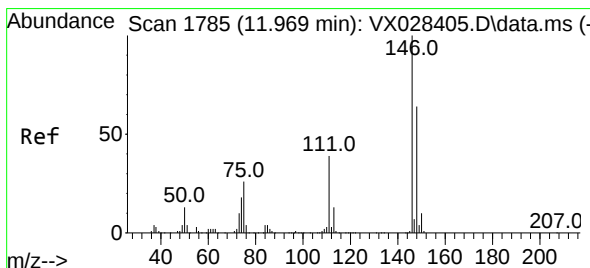
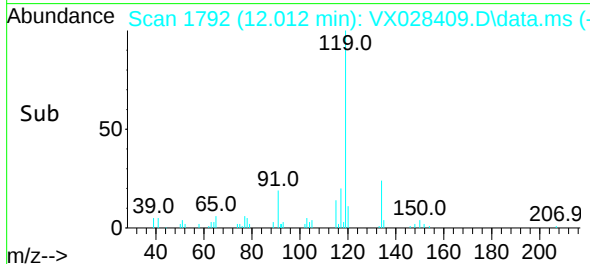
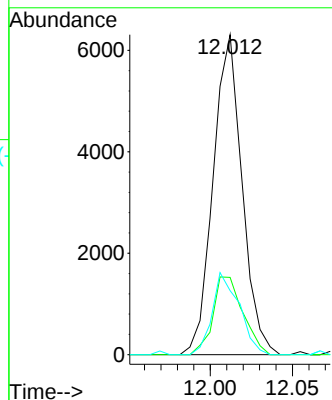
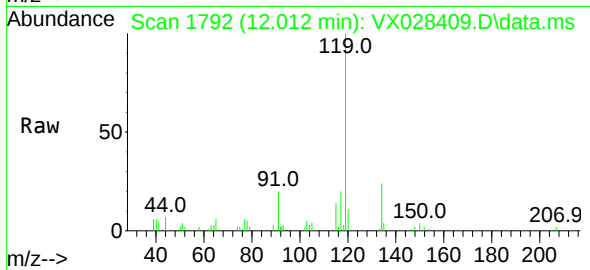
Tgt Ion:119 Resp: 7733

Ion Ratio Lower Upper

119 100

134 25.3 0.0 52.4

91 23.9 0.0 47.2



#83

1,3-Dichlorobenzene

Concen: 0.470 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX028409.D

Acq: 28 Apr 2022 19:30

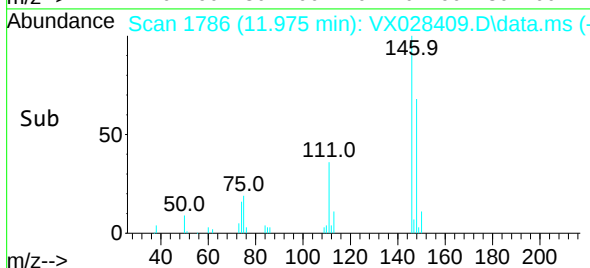
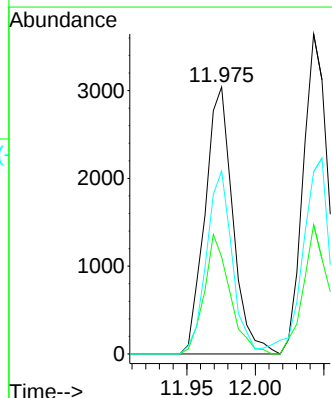
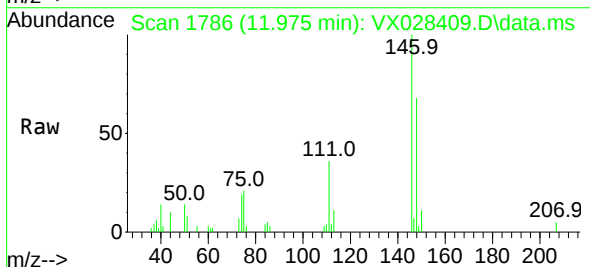
Tgt Ion:146 Resp: 4294

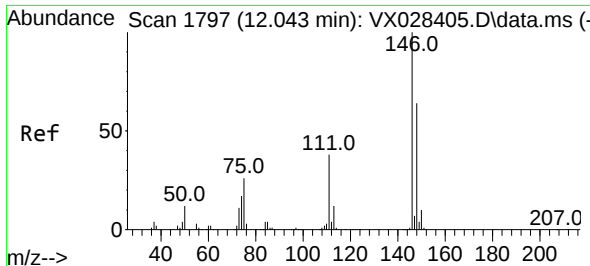
Ion Ratio Lower Upper

146 100

111 41.2 19.8 59.4

148 62.9 31.6 94.8

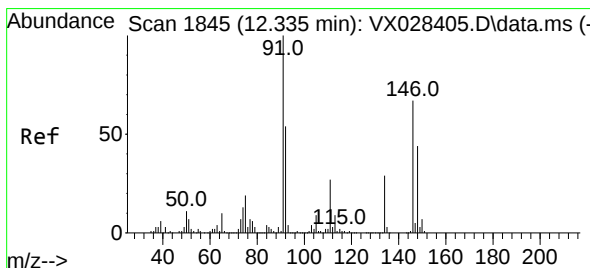
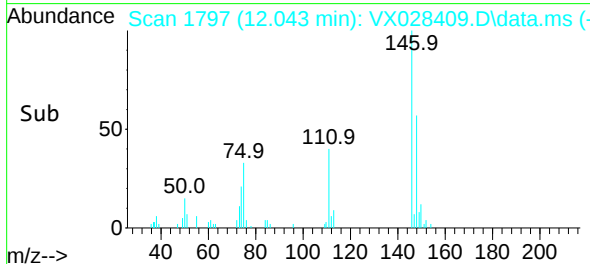
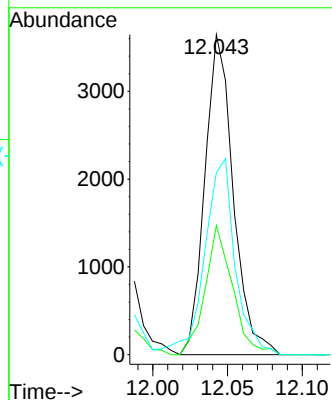
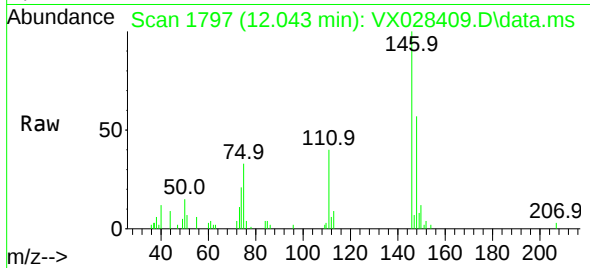




#84
1,4-Dichlorobenzene
Concen: 0.518 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX028409.D
Acq: 28 Apr 2022 19:30

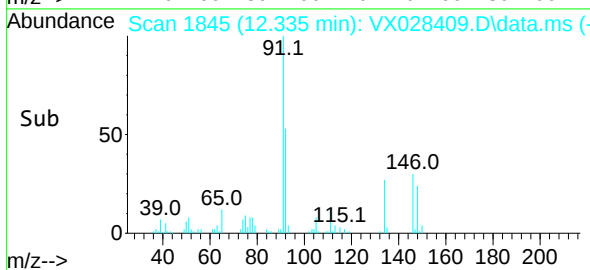
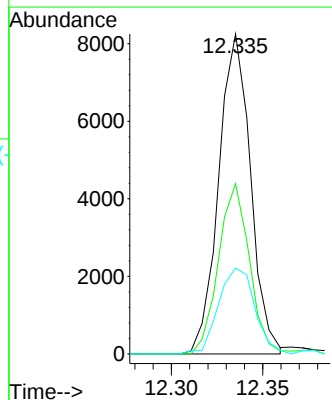
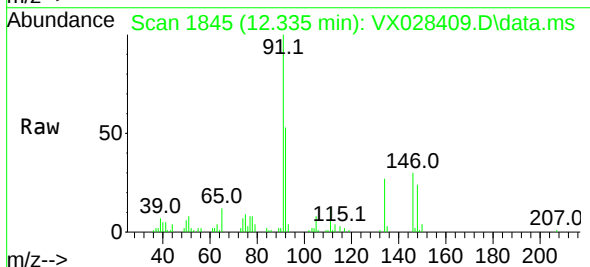
Instrument :
MSVOA_X
ClientSampleId :
IBLK

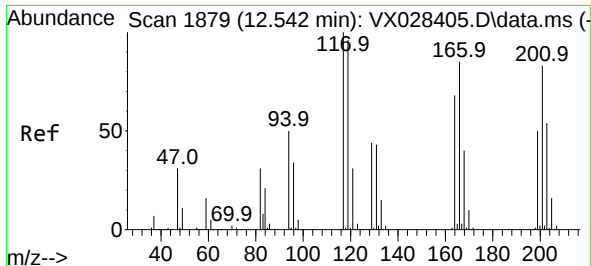
Tgt Ion:146 Resp: 4810
Ion Ratio Lower Upper
146 100
111 39.1 19.2 57.6
148 66.3 32.3 96.8



#85
n-Butylbenzene
Concen: 0.785 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX028409.D
Acq: 28 Apr 2022 19:30

Tgt Ion: 91 Resp: 10004
Ion Ratio Lower Upper
91 100
92 51.8 0.0 109.4
134 30.2 0.0 56.4

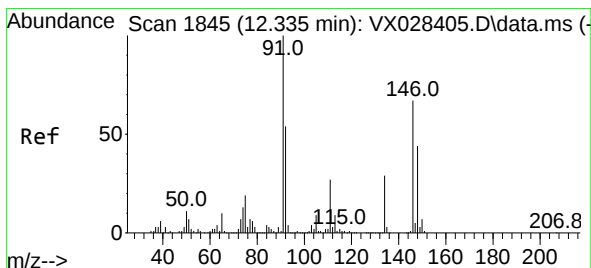
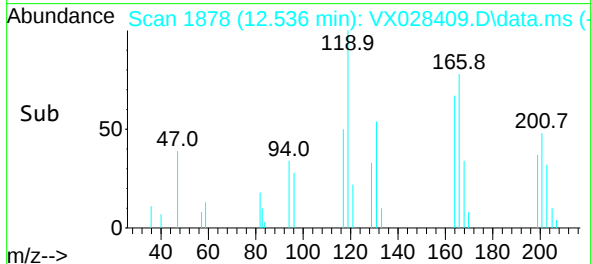
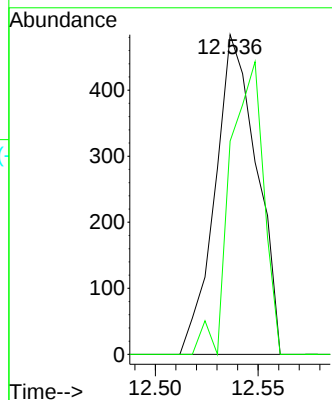
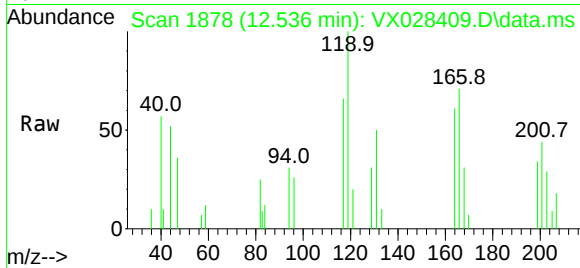




#86
Hexachloroethane
Concen: 0.274 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.006 min
Lab File: VX028409.D
Acq: 28 Apr 2022 19:30

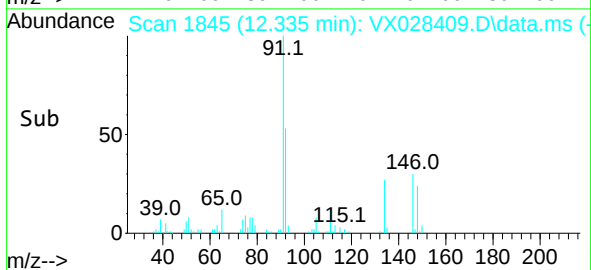
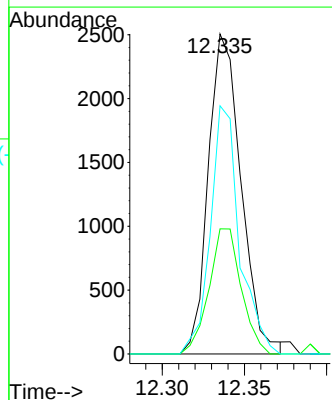
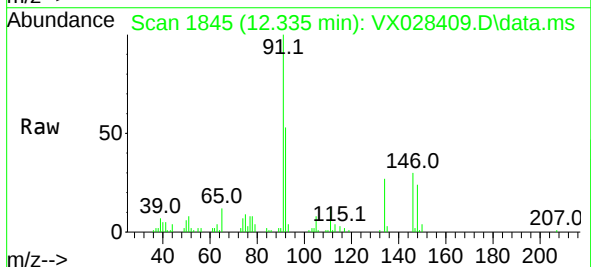
Instrument :
MSVOA_X
ClientSampleId :
IBLK

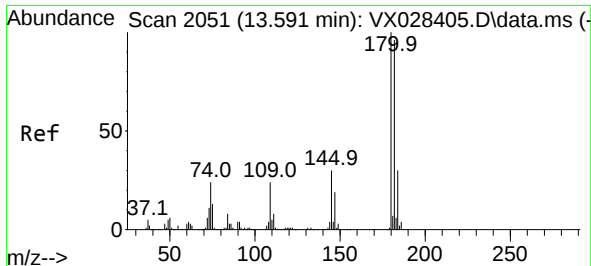
Tgt Ion:117 Resp: 682
Ion Ratio Lower Upper
117 100
201 70.8 39.5 118.5



#87
1,2-Dichlorobenzene
Concen: 0.378 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX028409.D
Acq: 28 Apr 2022 19:30

Tgt Ion:146 Resp: 3475
Ion Ratio Lower Upper
146 100
111 38.5 21.1 63.3
148 68.7 31.4 94.2

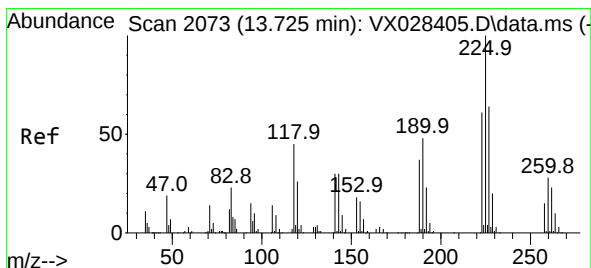
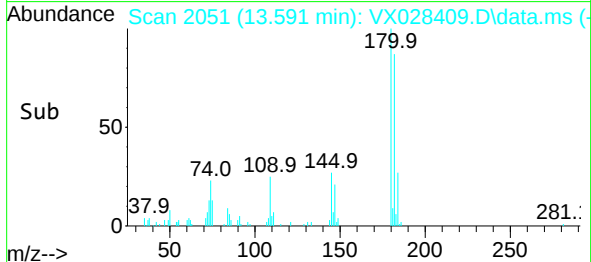
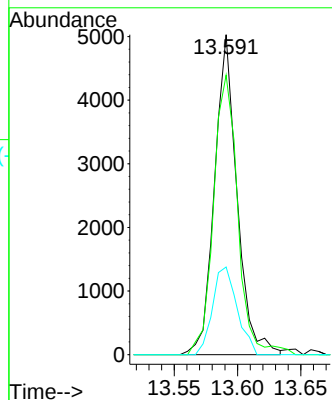
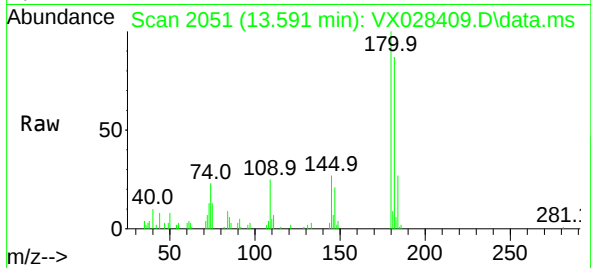




#89
1,2,4-Trichlorobenzene
Concen: 1.084 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX028409.D
Acq: 28 Apr 2022 19:30

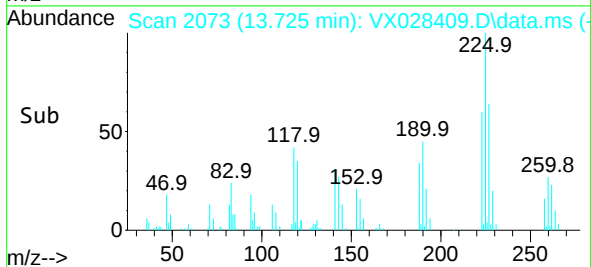
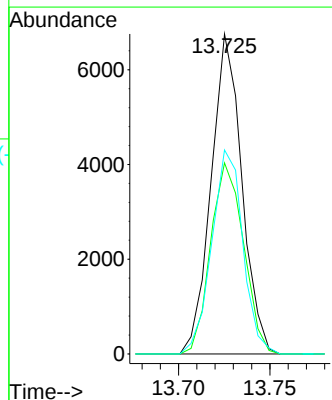
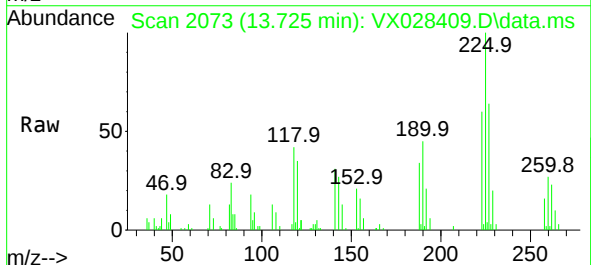
Instrument :
MSVOA_X
ClientSampleId :
IBLK

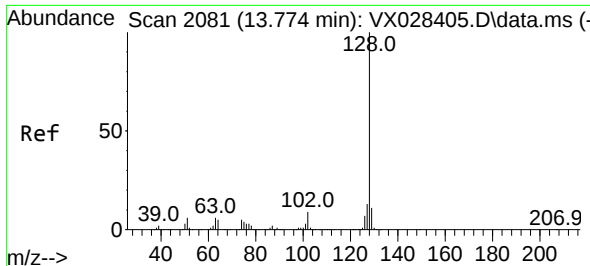
Tgt Ion:180 Resp: 6224
Ion Ratio Lower Upper
180 100
182 92.0 77.4 116.2
145 29.8 24.2 36.4



#90
Hexachlorobutadiene
Concen: 3.249 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX028409.D
Acq: 28 Apr 2022 19:30

Tgt Ion:225 Resp: 7910
Ion Ratio Lower Upper
225 100
223 63.9 0.0 126.0
227 64.4 0.0 125.0

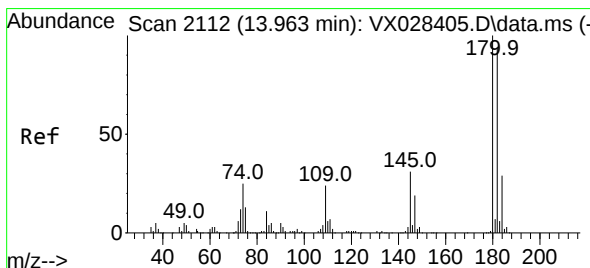
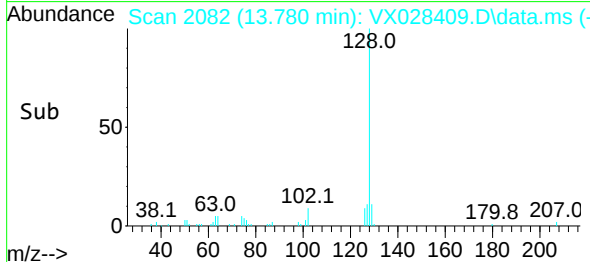
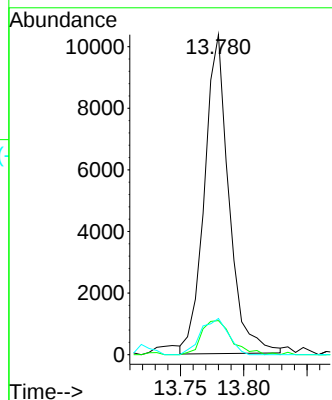
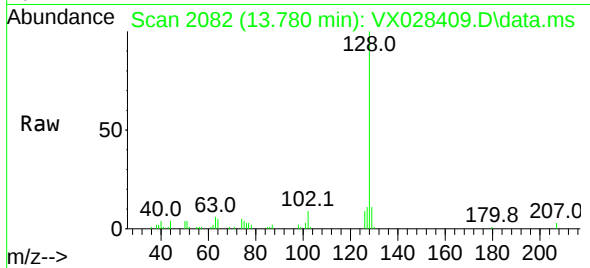




#91
Naphthalene
Concen: 0.695 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX028409.D
Acq: 28 Apr 2022 19:30

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:128	Resp:	13952
Ion Ratio	Lower	Upper
128	100	
127	13.0	10.0 15.0
129	12.8	8.8 13.2



#92
1,2,3-Trichlorobenzene
Concen: 1.023 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX028409.D
Acq: 28 Apr 2022 19:30

Tgt Ion:180	Resp:	5887
Ion Ratio	Lower	Upper
180	100	
182	96.8	0.0 189.4
145	33.6	0.0 67.2

