

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070822\
 Data File : VX029970.D
 Acq On : 08 Jul 2022 13:43
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jul 09 02:16:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X070822W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jul 09 02:10:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.904	128	32198	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	179705	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	155255	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	75624	28.804	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	96.000%
60) 4-Bromofluorobenzene	11.085	95	80544	27.528	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	91.767%
63) Toluene-d8	8.653	98	251156	29.833	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.433%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	856	0.389	ug/l	98
3) Chloromethane	1.288	50	869	0.378	ug/l #	84
4) Vinyl Chloride	1.374	62	887	0.341	ug/l	94
5) Bromomethane	1.618	94	911	0.850	ug/l	95
7) Trichlorofluoromethane	1.892	101	1178	0.357	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	932	0.420	ug/l	83
10) 1,1-Dichloroethene	2.319	96	874	0.385	ug/l #	87
11) Methyl Iodide	2.453	142	1567	9.464	ug/l	81
13) Acrolein	2.233	56	636	1.466	ug/l	89
14) Acrylonitrile	3.068	53	2245	1.413	ug/l	67
15) Acetone	2.380	58	360	0.834	ug/l #	17
16) Carbon Disulfide	2.514	76	10080	1.703	ug/l #	85
17) Allyl chloride	2.666	41	829	0.207	ug/l #	73
18) Methylene Chloride	2.794	84	1291	0.489	ug/l #	81
19) trans-1,2-Dichloroethene	3.093	96	1905	0.774	ug/l	87
23) tert-Butyl Alcohol	2.940	59	6313	8.671	ug/l #	100
29) 1,1-Dichloropropene	5.690	75	738	0.240	ug/l	91
30) 2-Butanone	4.574	43	1331	0.641	ug/l #	67
37) Trichloroethene	7.129	130	2140	0.810	ug/l #	75
38) Methylcyclohexane	7.379	83	1459	0.366	ug/l	73
40) Dibromomethane	7.586	93	663	0.389	ug/l	63
42) Vinyl Acetate	3.733	43	2827	0.426	ug/l #	82
46) Methyl methacrylate	7.385	41	889	0.316	ug/l	71
48) t-1,3-Dichloropropene	8.988	75	1088	0.323	ug/l	95
49) cis-1,3-Dichloropropene	8.379	75	958	0.254	ug/l #	57
54) 1,2-Dibromoethane	9.610	107	528	0.201	ug/l	85
55) 2-Chloroethyl vinyl ether	8.251	63	1836	0.906	ug/l	97
58) 4-Methyl-2-Pentanone	8.580	43	927	0.242	ug/l #	59
59) 2-Hexanone	9.439	43	1108	0.374	ug/l #	90
61) Tetrachloroethene	9.275	164	1300	0.558	ug/l #	83
62) Toluene	8.720	91	2466	0.239	ug/l	88
64) Chlorobenzene	10.079	112	1973	0.320	ug/l	89
66) Ethyl Benzene	10.195	91	3034	0.276	ug/l	90
67) m/p-Xylenes	10.305	106	2705	0.635	ug/l	96
68) o-Xylene	10.646	106	993	0.234	ug/l	89
69) Styrene	10.659	104	1940	0.276	ug/l #	87
70) Isopropylbenzene	10.963	105	2711	0.254	ug/l	96
72) 1,2,3-Trichloropropane	11.256	75	719	0.206	ug/l	58
73) Bromobenzene	11.201	156	1051	0.410	ug/l	92

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

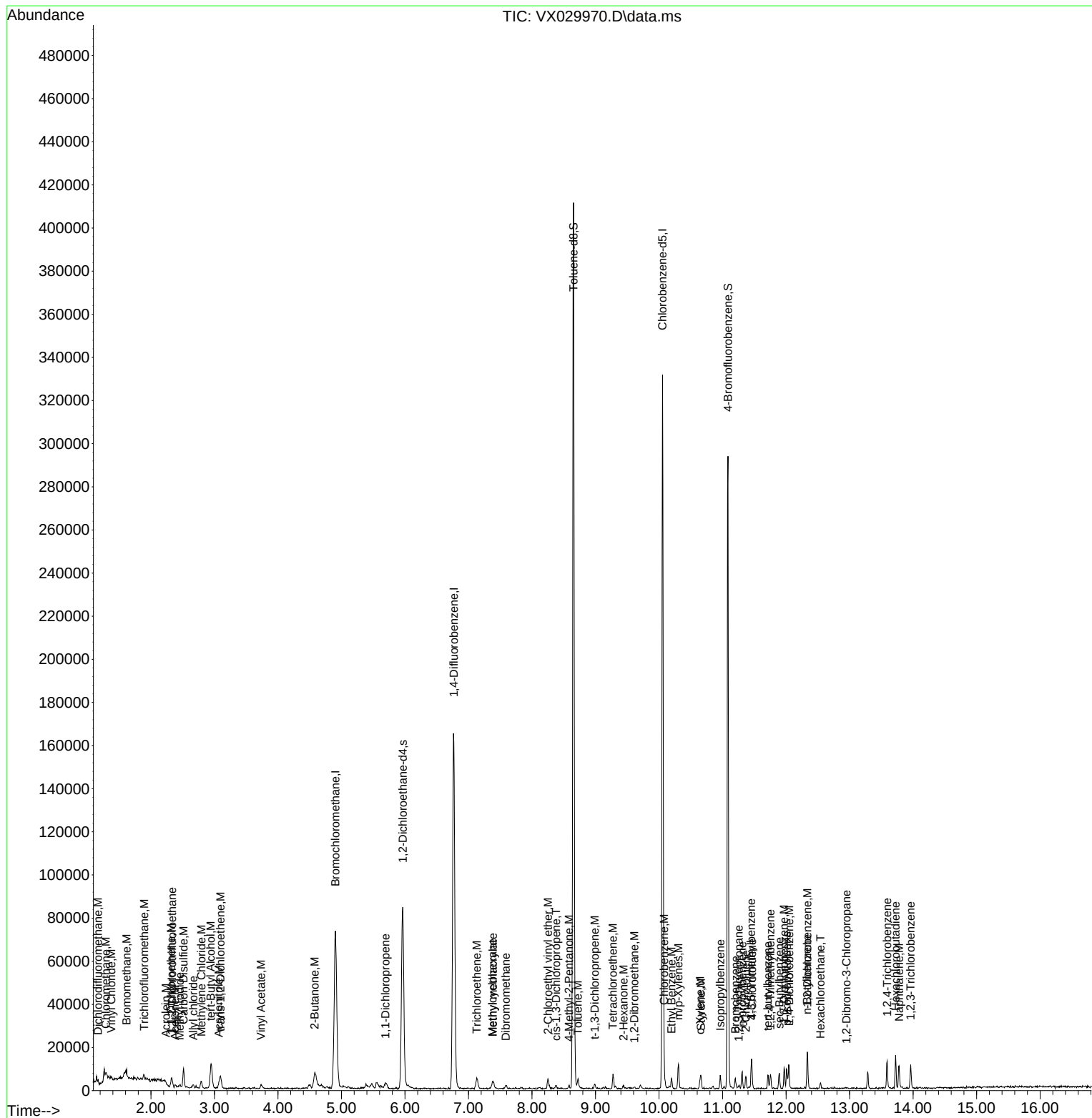
74) n-propylbenzene	11.311	91	4927	0.385	ug/l	96
75) 2-Chlorotoluene	11.366	91	2643	0.350	ug/l	97
76) 1,3,5-Trimethylbenzene	11.451	105	2792	0.311	ug/l	98
78) 4-Chlorotoluene	11.463	91	4229	0.500	ug/l	98
79) tert-butylbenzene	11.713	119	2480	0.284	ug/l	91
80) 1,2,4-Trimethylbenzene	11.756	105	2823	0.306	ug/l	80
81) sec-Butylbenzene	11.896	105	4491	0.380	ug/l	96
82) p-Isopropyltoluene	12.012	119	3755	0.395	ug/l	89
83) 1,3-Dichlorobenzene	11.969	146	3077	0.621	ug/l	98
84) 1,4-Dichlorobenzene	12.049	146	3289	0.655	ug/l	98
85) n-Butylbenzene	12.329	91	5268	0.591	ug/l	99
86) Hexachloroethane	12.542	117	487	0.308	ug/l	58
87) 1,2-Dichlorobenzene	12.335	146	2229	0.456	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.951	75	217	0.245	ug/l #	16
89) 1,2,4-Trichlorobenzene	13.591	180	3177	1.049	ug/l	96
90) Hexachlorobutadiene	13.725	225	1983	1.726	ug/l	90
91) Naphthalene	13.780	128	7417	0.614	ug/l #	93
92) 1,2,3-Trichlorobenzene	13.963	180	2736	0.887	ug/l	99

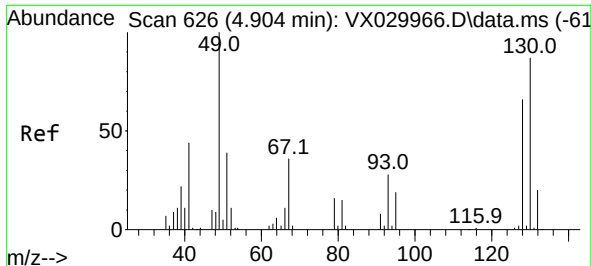
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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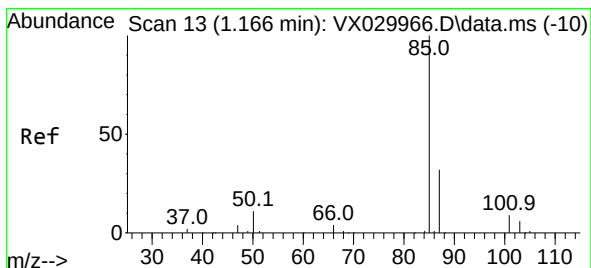
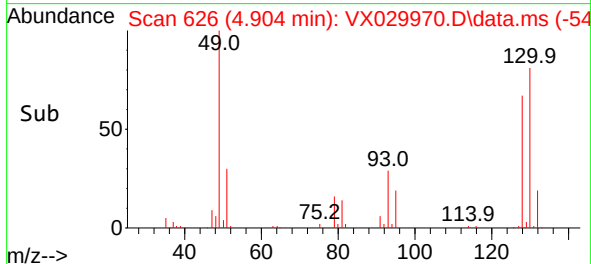
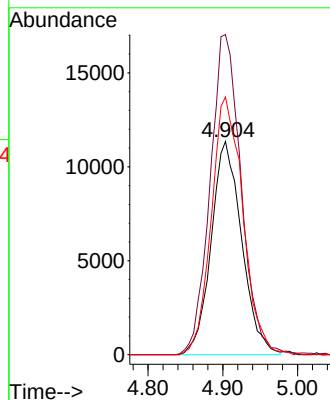
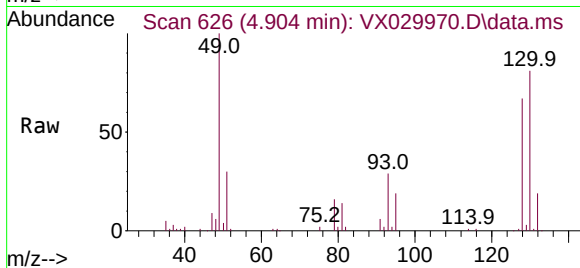




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.000 min
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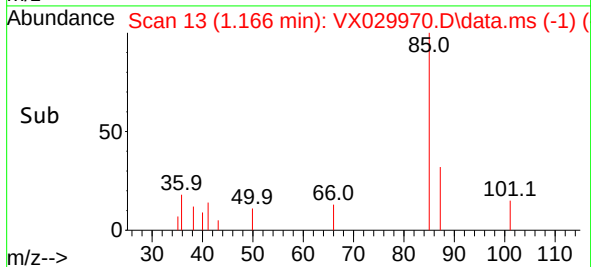
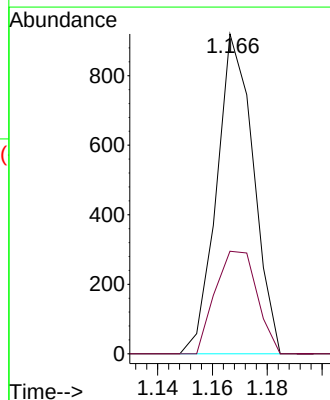
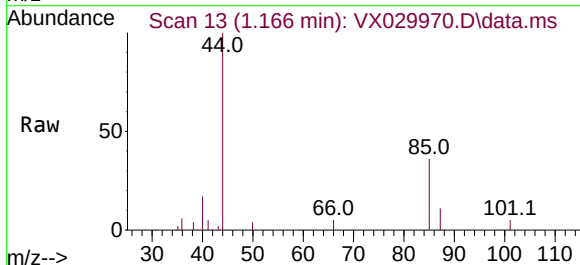
Instrument :
MSVOA_X
ClientSampleId :
IBLK

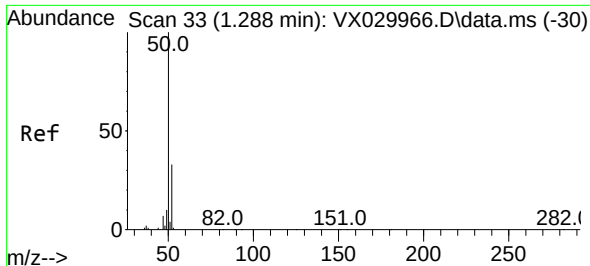
Tgt Ion:128 Resp: 32198
Ion Ratio Lower Upper
128 100
49 152.7 0.0 358.3
130 124.8 0.0 319.3



#2
Dichlorodifluoromethane
Concen: 0.389 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX029970.D
Acq: 08 Jul 2022 13:43

Tgt Ion: 85 Resp: 856
Ion Ratio Lower Upper
85 100
87 32.1 15.6 46.8

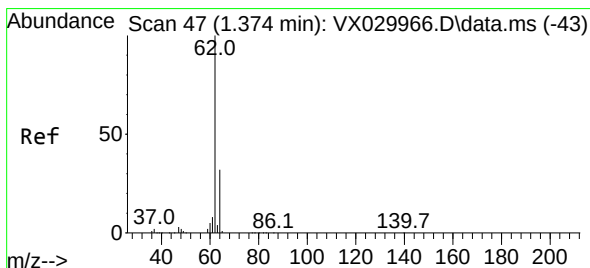
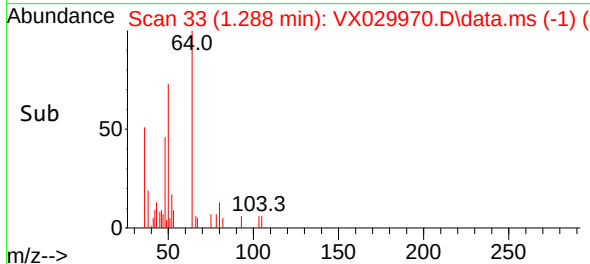
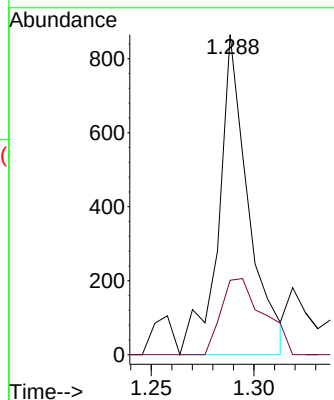
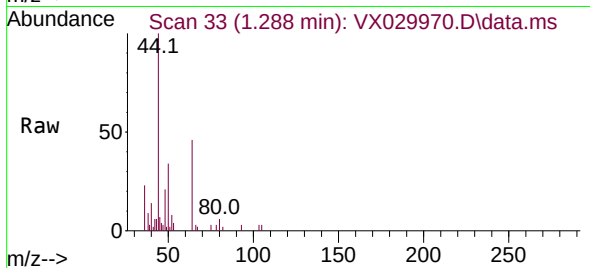




#3
Chloromethane
Concen: 0.378 ug/l
RT: 1.288 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX029970.D
Acq: 08 Jul 2022 13:43

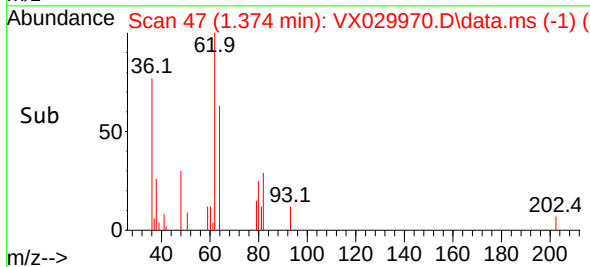
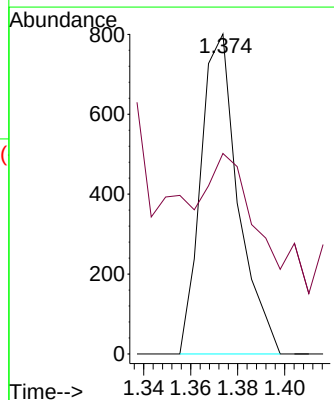
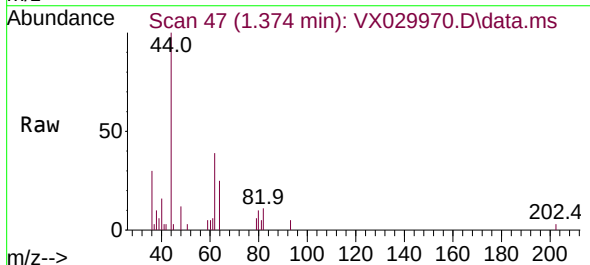
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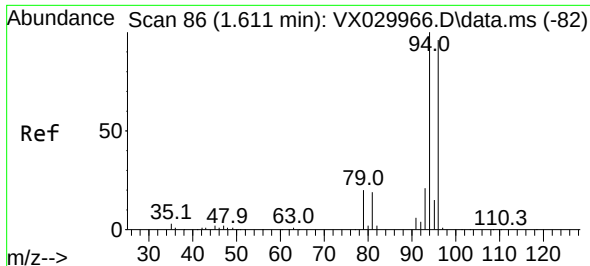
Tgt Ion: 50 Resp: 869
Ion Ratio Lower Upper
50 100
52 23.2 25.6 38.4#



#4
Vinyl Chloride
Concen: 0.341 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX029970.D
Acq: 08 Jul 2022 13:43

Tgt Ion: 62 Resp: 887
Ion Ratio Lower Upper
62 100
64 36.2 26.2 39.2

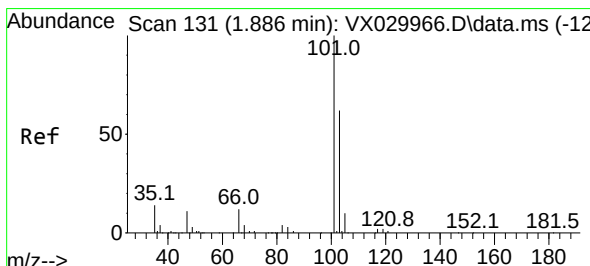
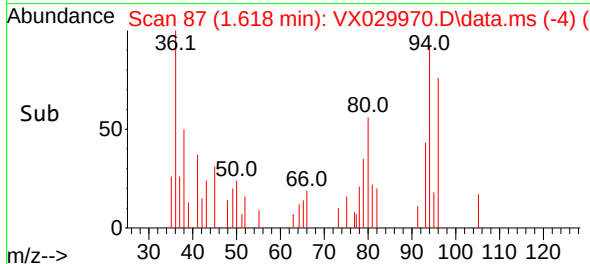
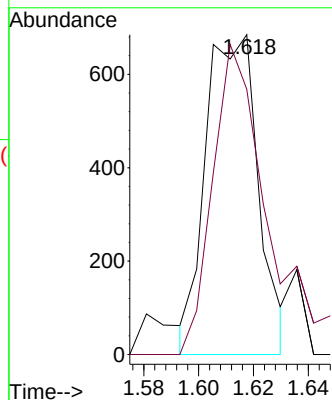
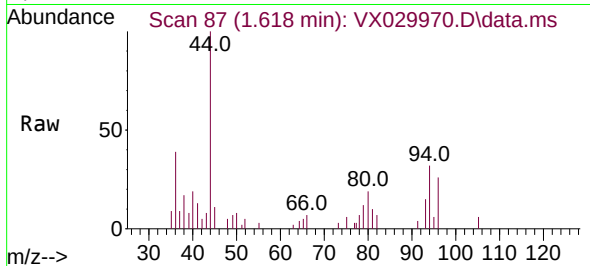




#5
Bromomethane
Concen: 0.850 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX029970.D
Acq: 08 Jul 2022 13:43

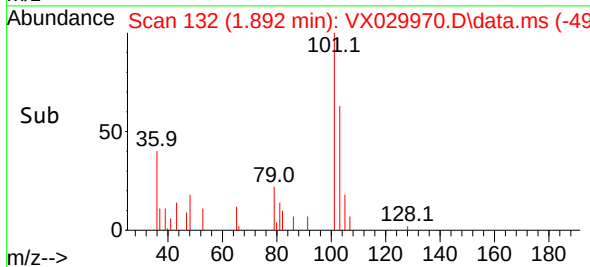
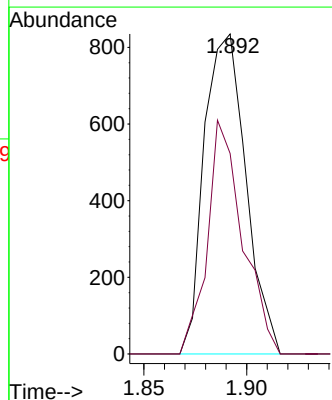
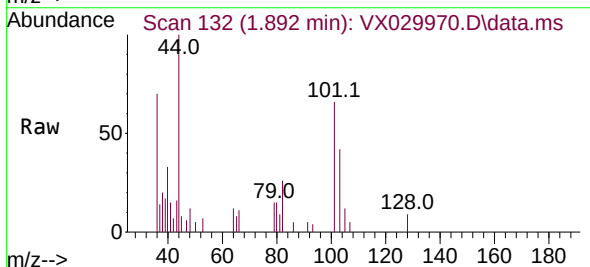
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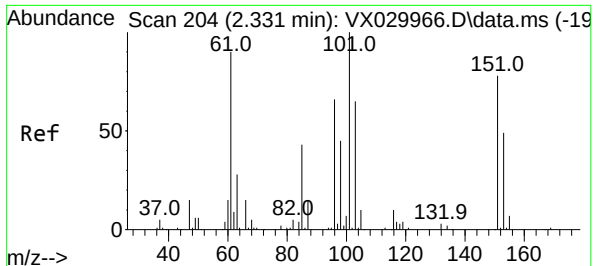
Tgt Ion: 94 Resp: 911
Ion Ratio Lower Upper
94 100
96 91.2 77.0 115.6



#7
Trichlorofluoromethane
Concen: 0.357 ug/l
RT: 1.892 min Scan# 132
Delta R.T. 0.006 min
Lab File: VX029970.D
Acq: 08 Jul 2022 13:43

Tgt Ion: 101 Resp: 1178
Ion Ratio Lower Upper
101 100
103 62.6 49.6 74.4

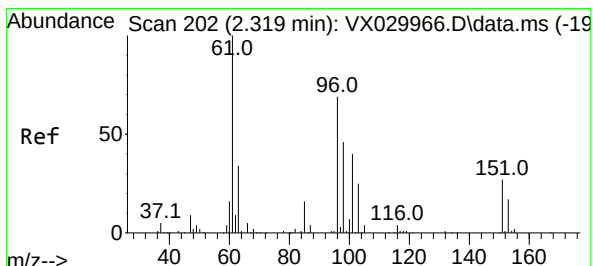
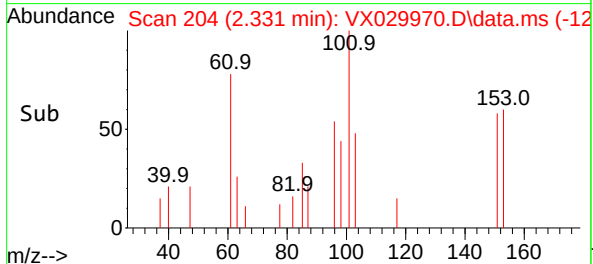
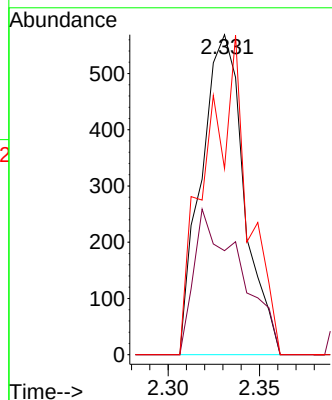
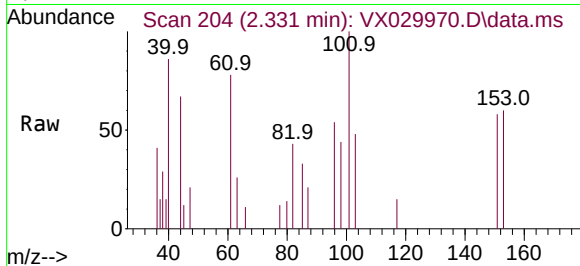




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.420 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX029970.D
Acq: 08 Jul 2022 13:43

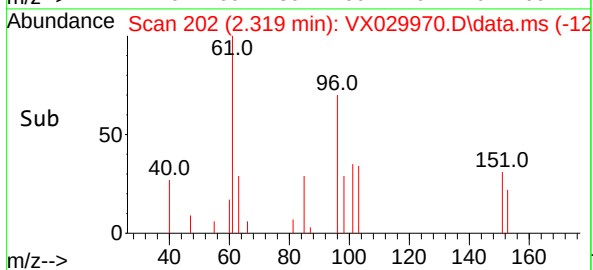
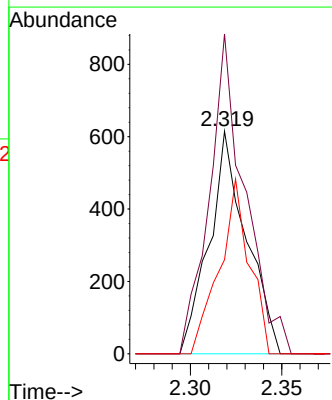
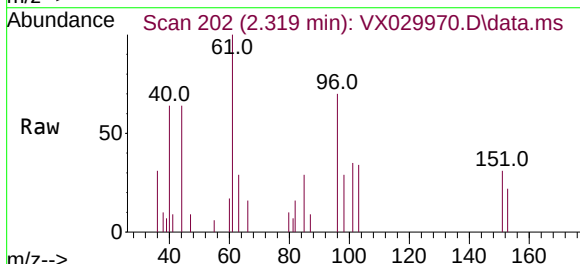
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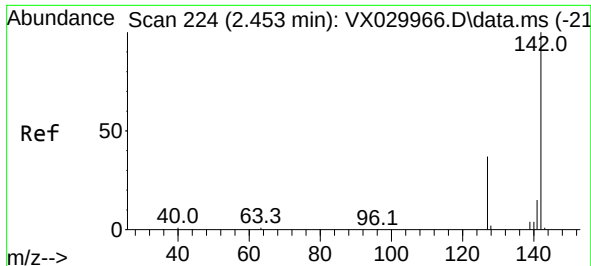
Tgt Ion:101 Resp: 932
Ion Ratio Lower Upper
101 100
85 29.7 0.0 84.6
151 97.2 0.0 165.4



#10
1,1-Dichloroethene
Concen: 0.385 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX029970.D
Acq: 08 Jul 2022 13:43

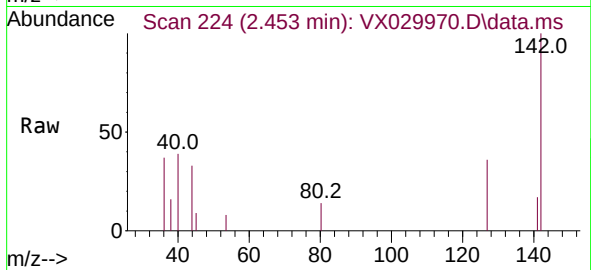
Tgt Ion: 96 Resp: 874
Ion Ratio Lower Upper
96 100
61 143.7 122.6 183.8
98 42.3 50.1 75.1#



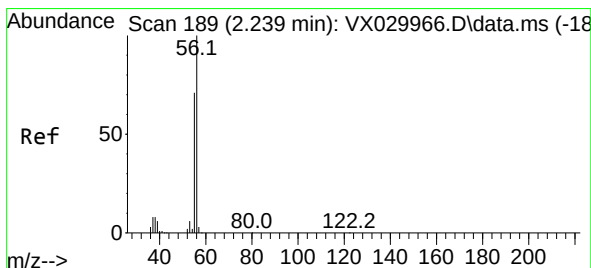
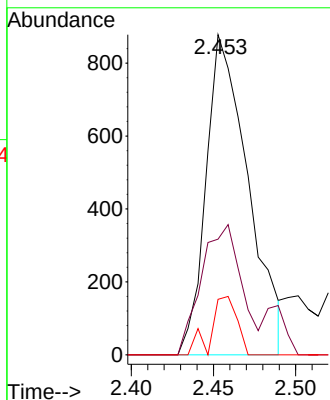
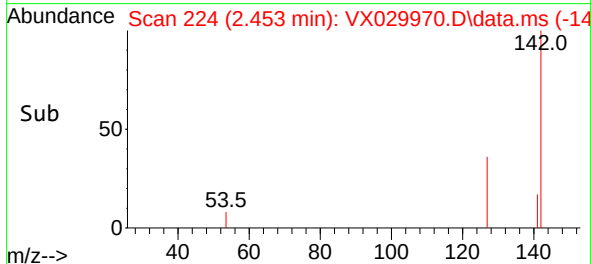


#11
Methyl Iodide
Concen: 9.464 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.000 min
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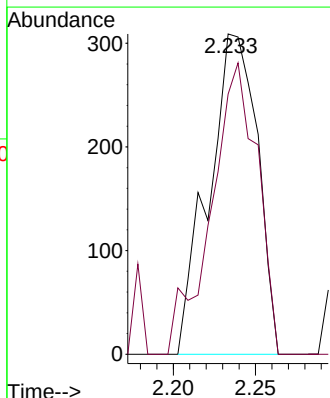
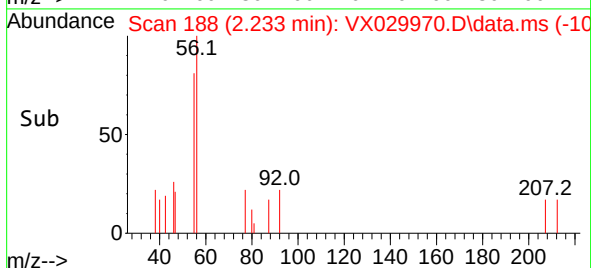
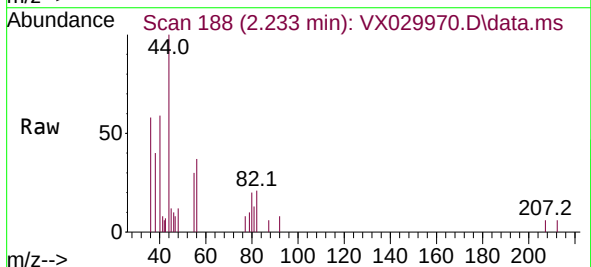


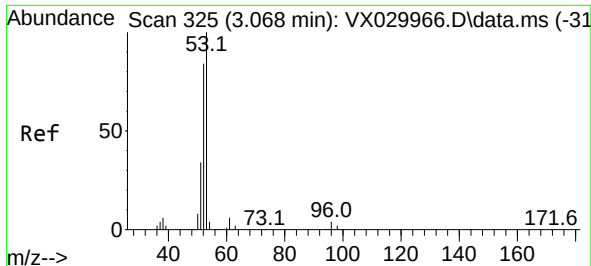
Tgt Ion:142 Resp: 1567
Ion Ratio Lower Upper
142 100
127 31.1 22.3 66.9
141 18.9 7.0 20.9



#13
Acrolein
Concen: 1.466 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX029970.D
Acq: 08 Jul 2022 13:43

Tgt Ion: 56 Resp: 636
Ion Ratio Lower Upper
56 100
55 79.9 56.4 84.6

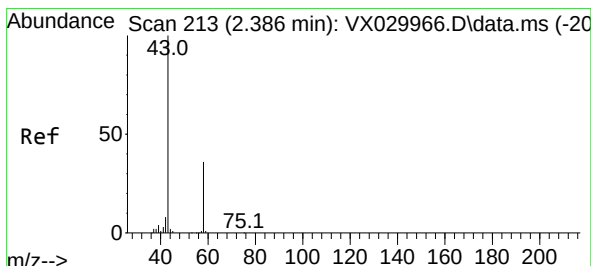
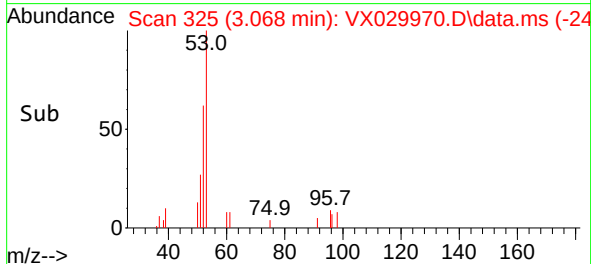
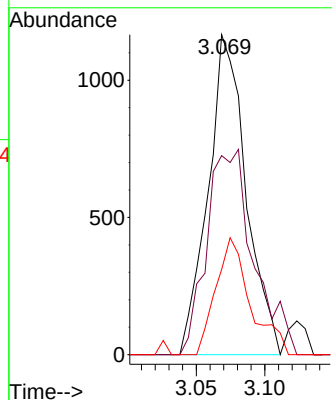
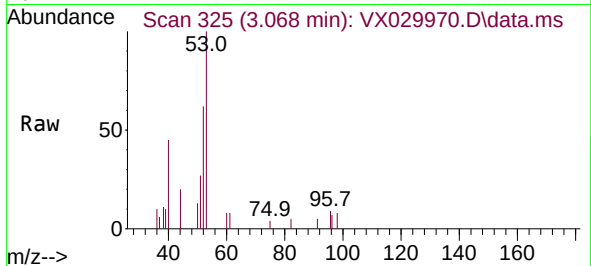




#14
Acrylonitrile
Concen: 1.413 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.000 min
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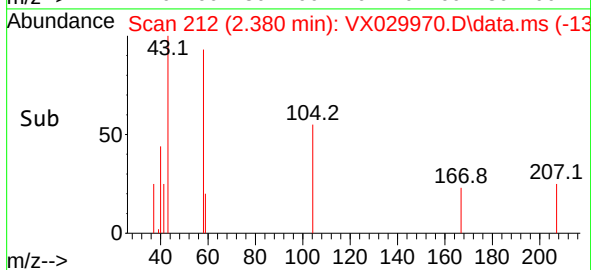
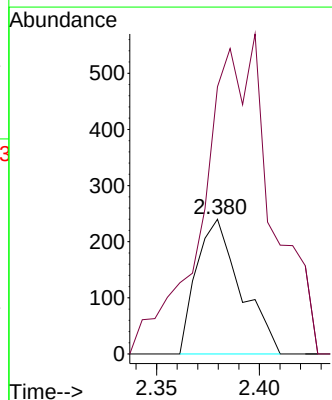
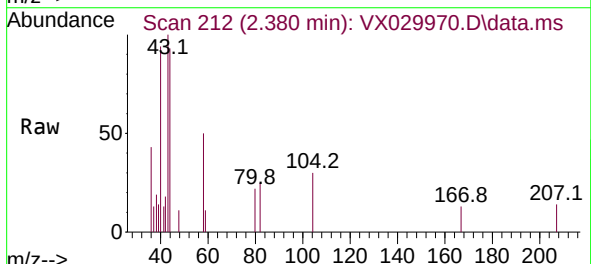
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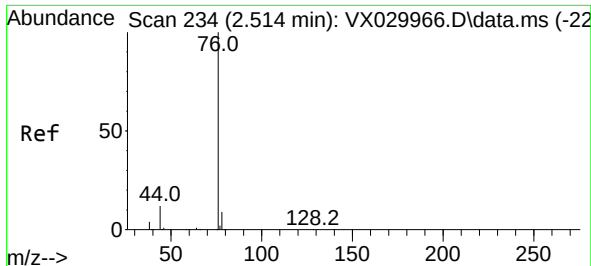
Tgt Ion: 53 Resp: 2245
Ion Ratio Lower Upper
53 100
52 44.1 41.5 124.5
51 30.2 18.1 54.4



#15
Acetone
Concen: 0.834 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX029970.D
Acq: 08 Jul 2022 13:43

Tgt Ion: 58 Resp: 360
Ion Ratio Lower Upper
58 100
43 145.4 250.2 375.2#

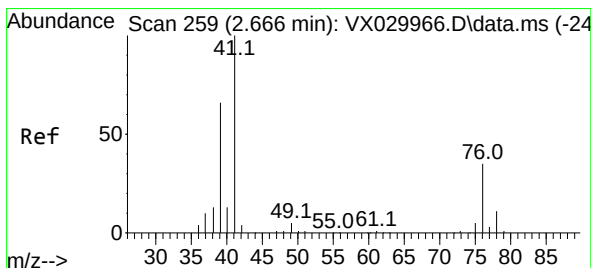
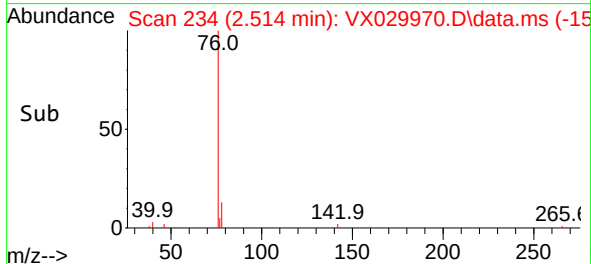
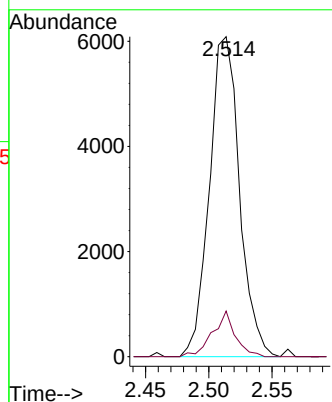
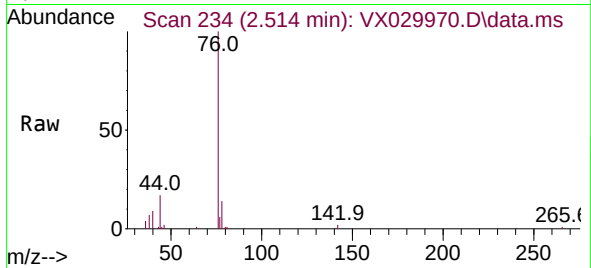




#16
Carbon Disulfide
Concen: 1.703 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX029970.D
Acq: 08 Jul 2022 13:43

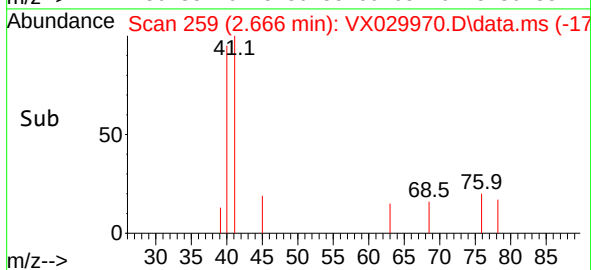
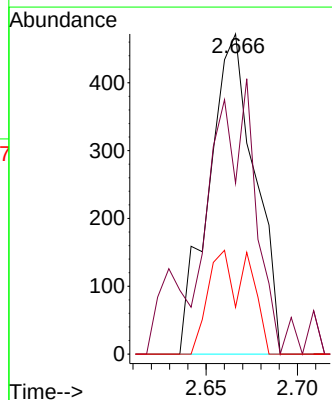
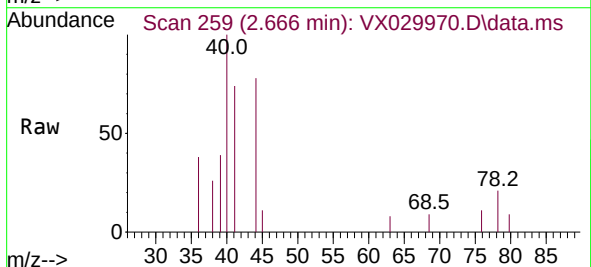
Instrument :
MSVOA_X
ClientSampleId :
IBLK

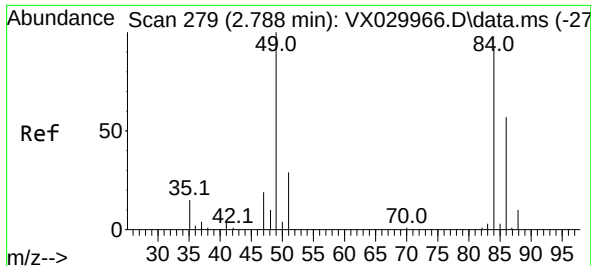
Tgt Ion: 76 Resp: 10080
Ion Ratio Lower Upper
76 100
78 14.2 7.1 10.7#



#17
Allyl chloride
Concen: 0.207 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX029970.D
Acq: 08 Jul 2022 13:43

Tgt Ion: 41 Resp: 829
Ion Ratio Lower Upper
41 100
39 53.4 35.4 106.1
76 14.6 18.4 55.4#

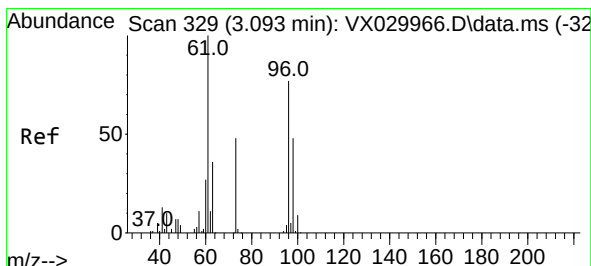
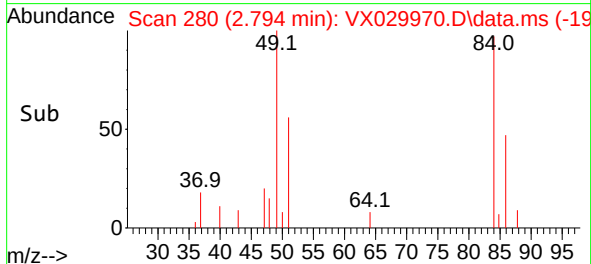
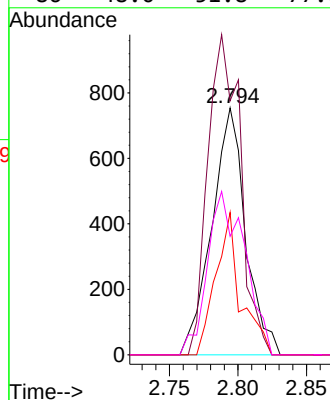
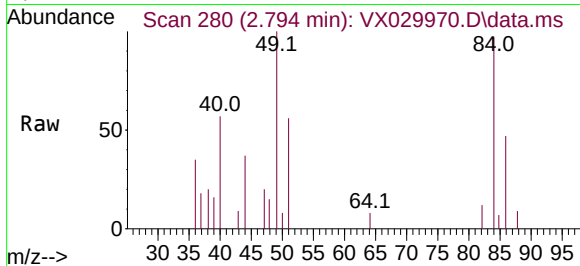




#18
Methylene Chloride
Concen: 0.489 ug/l
RT: 2.794 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX029970.D
Acq: 08 Jul 2022 13:43

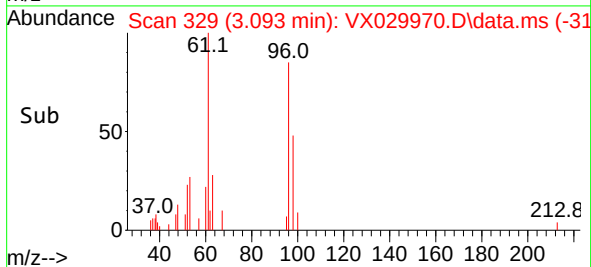
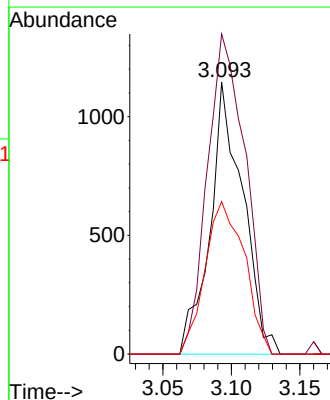
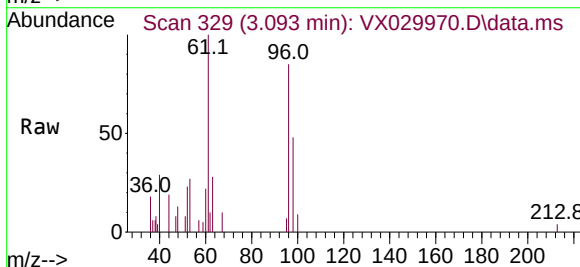
Instrument :
MSVOA_X
ClientSampleId :
IBLK

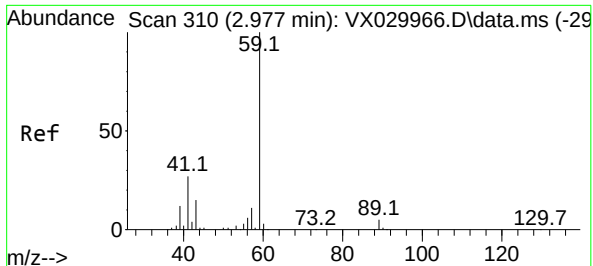
Tgt Ion: 84	Resp: 1291
Ion Ratio	Lower Upper
84 100	
49 102.9	94.2 141.2
51 57.7	29.2 43.8#
86 48.0	51.8 77.6#



#19
trans-1,2-Dichloroethene
Concen: 0.774 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.000 min
Lab File: VX029970.D
Acq: 08 Jul 2022 13:43

Tgt Ion: 96	Resp: 1905		
Ion Ratio	Lower	Upper	
96	100		
61	117.6	108.7	163.1
98	56.0	49.2	73.8

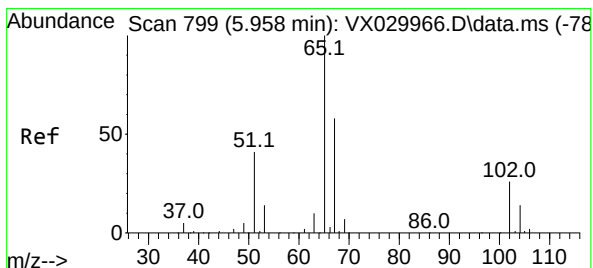
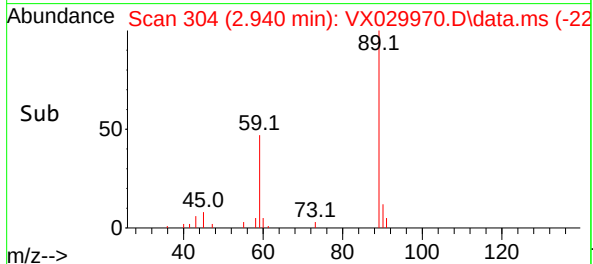
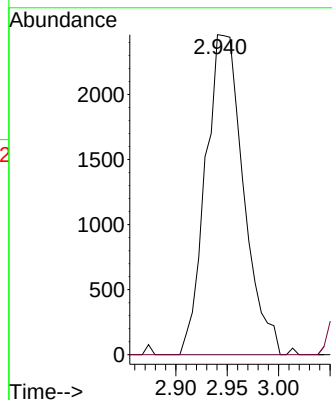
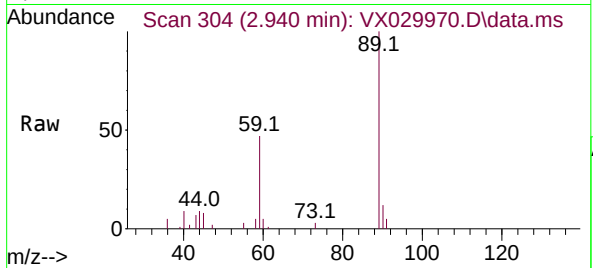




#23
tert-Butyl Alcohol
Concen: 8.671 ug/l
RT: 2.940 min Scan# 30
Delta R.T. -0.037 min
Lab File: VX029970.D
Acq: 08 Jul 2022 13:43

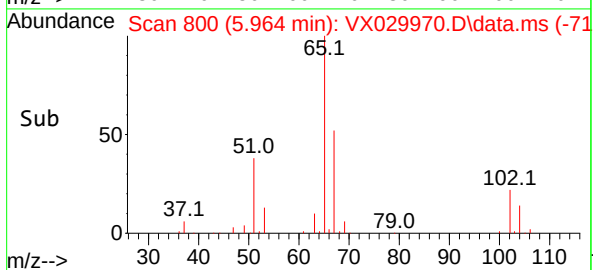
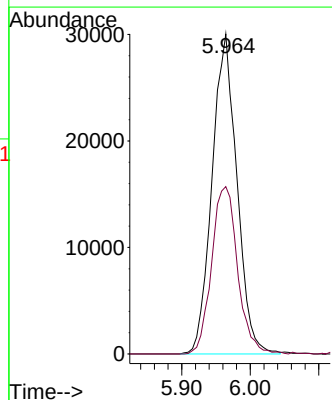
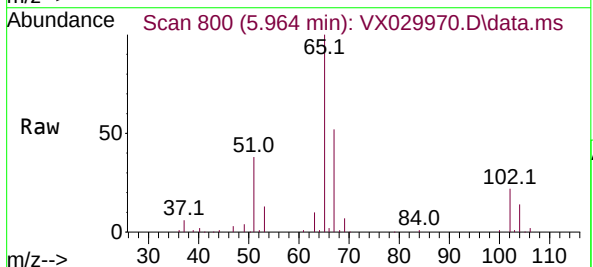
Instrument :
MSVOA_X
ClientSampleId :
IBLK

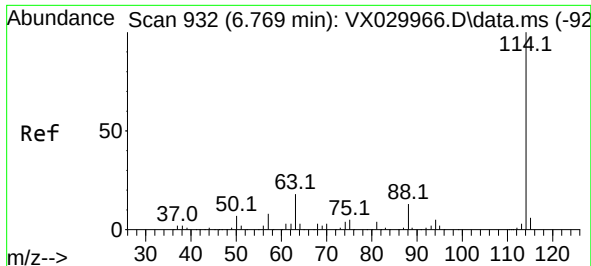
Tgt Ion: 59 Resp: 6313
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#27
1,2-Dichloroethane-d4
Concen: 28.804 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX029970.D
Acq: 08 Jul 2022 13:43

Tgt Ion: 65 Resp: 75624
Ion Ratio Lower Upper
65 100
67 54.5 42.3 63.5





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.769 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX029970.D

Acq: 08 Jul 2022 13:43

Instrument :

MSVOA_X

ClientSampleId :

IBLK

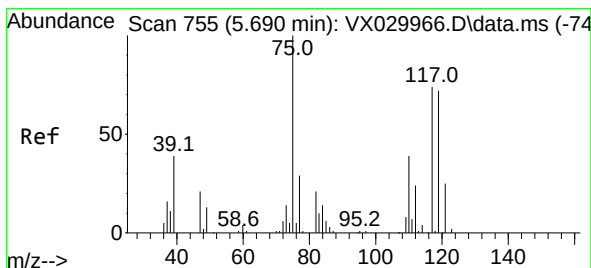
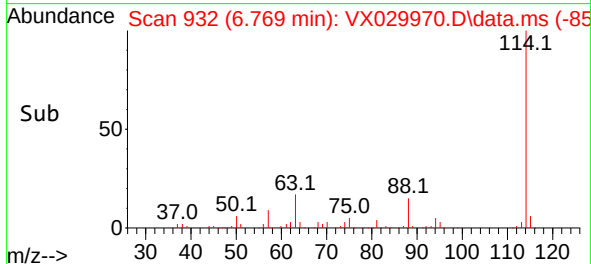
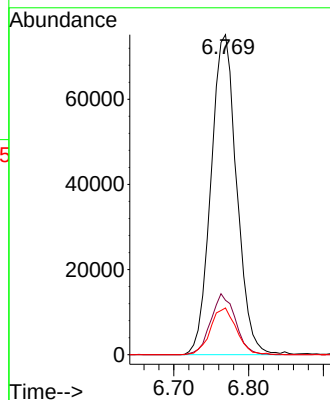
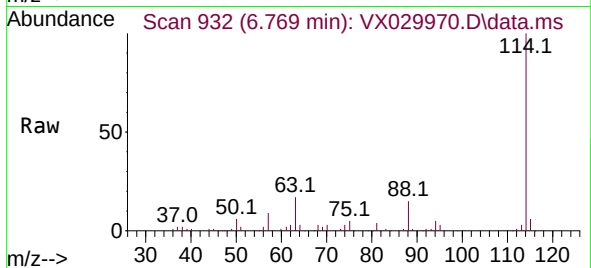
Tgt Ion:114 Resp: 179705

Ion Ratio Lower Upper

114 100

63 18.4 15.3 22.9

88 14.8 12.2 18.4



#29

1,1-Dichloropropene

Concen: 0.240 ug/l

RT: 5.690 min Scan# 755

Delta R.T. 0.000 min

Lab File: VX029970.D

Acq: 08 Jul 2022 13:43

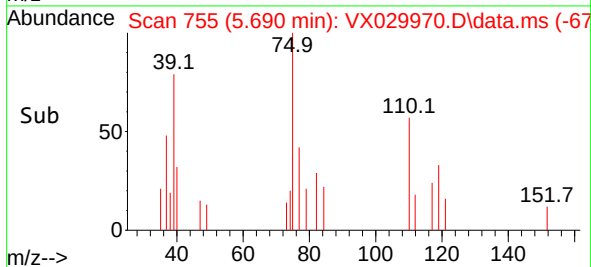
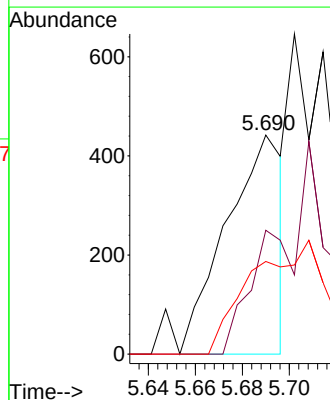
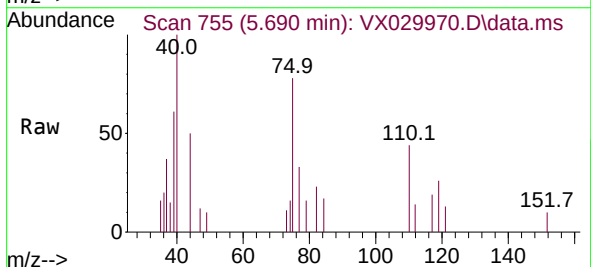
Tgt Ion: 75 Resp: 738

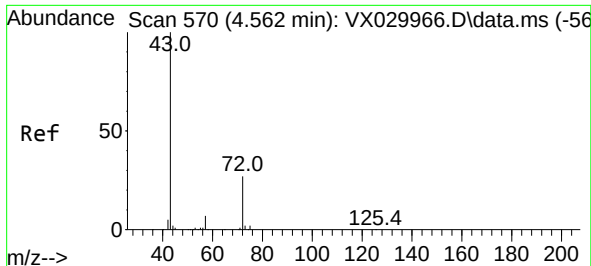
Ion Ratio Lower Upper

75 100

110 43.1 0.0 73.6

77 35.4 0.0 62.2

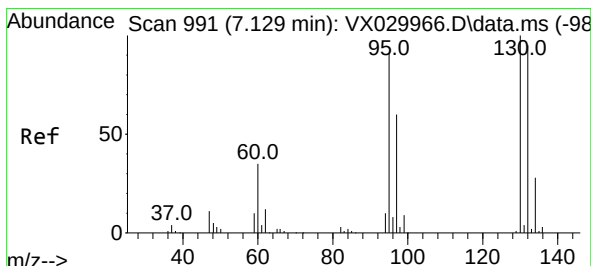
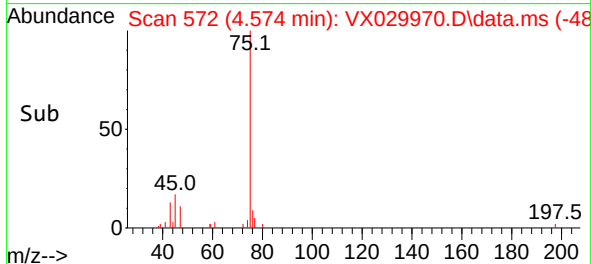
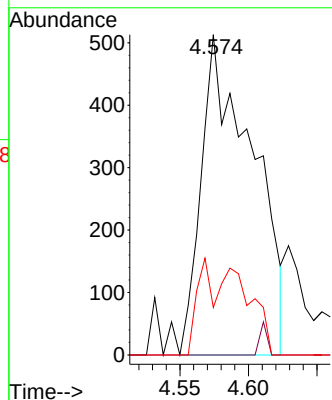
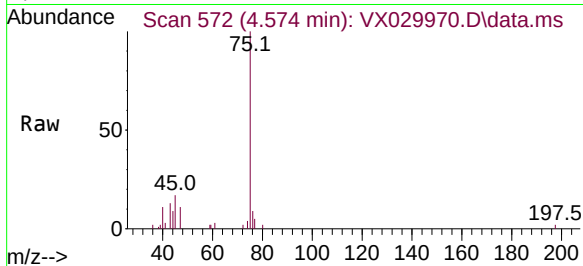




#30
2-Butanone
Concen: 0.641 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX029970.D
Acq: 08 Jul 2022 13:43

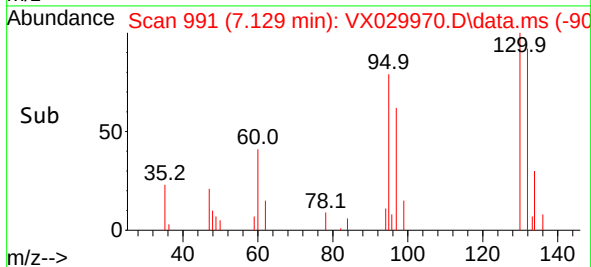
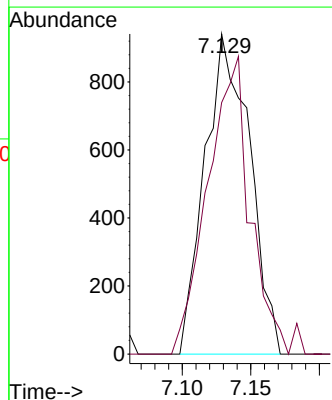
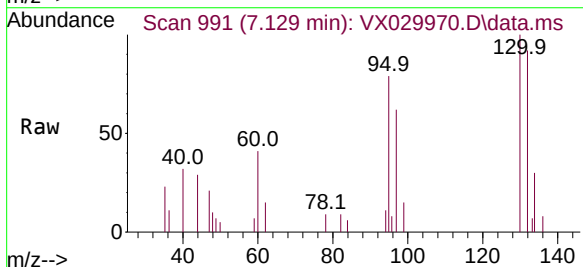
Instrument :
MSVOA_X
ClientSampleId :
IBLK

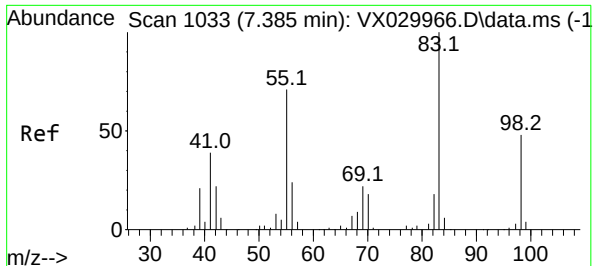
Tgt Ion: 43 Resp: 1331
Ion Ratio Lower Upper
43 100
57 0.0 6.6 10.0#
72 9.2 22.1 33.1#



#37
Trichloroethene
Concen: 0.810 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX029970.D
Acq: 08 Jul 2022 13:43

Tgt Ion:130 Resp: 2140
Ion Ratio Lower Upper
130 100
95 71.0 76.5 114.7#





#38

Methylcyclohexane

Concen: 0.366 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX029970.D

Acq: 08 Jul 2022 13:43

Instrument :

MSVOA_X

ClientSampleId :

IBLK

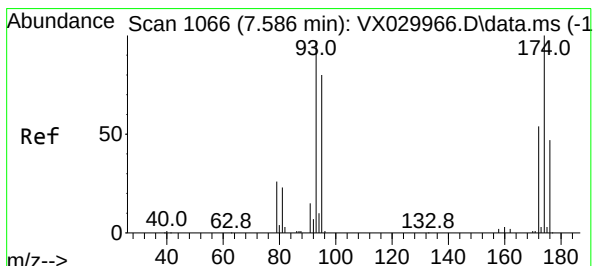
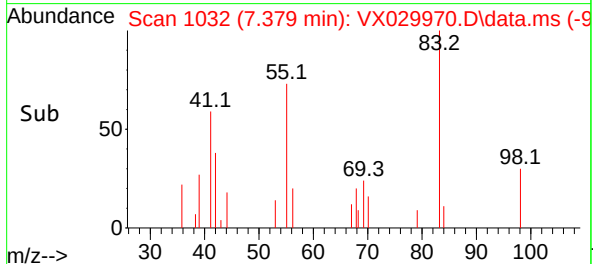
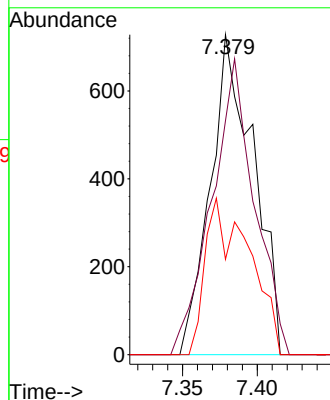
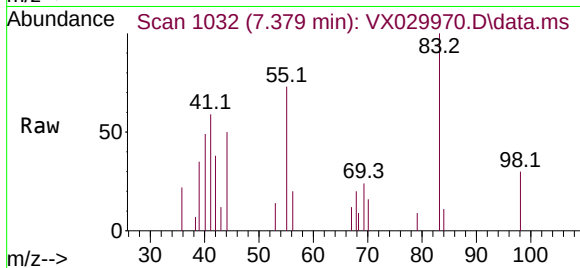
Tgt Ion: 83 Resp: 1459

Ion Ratio Lower Upper

83 100

55 91.6 37.0 110.9

98 26.8 25.9 77.8



#40

Dibromomethane

Concen: 0.389 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX029970.D

Acq: 08 Jul 2022 13:43

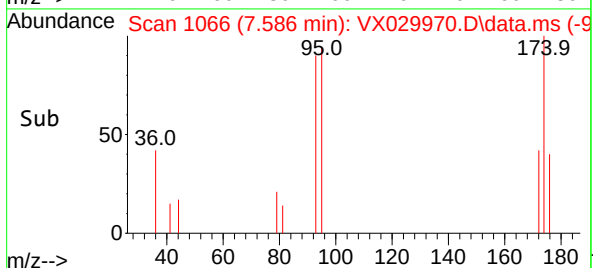
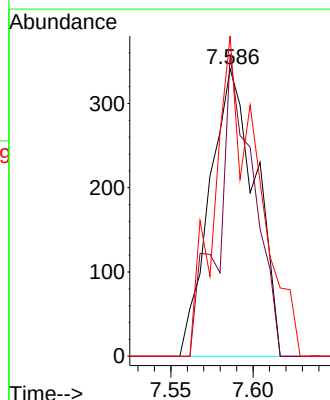
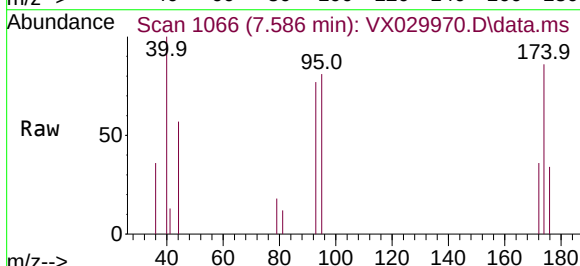
Tgt Ion: 93 Resp: 663

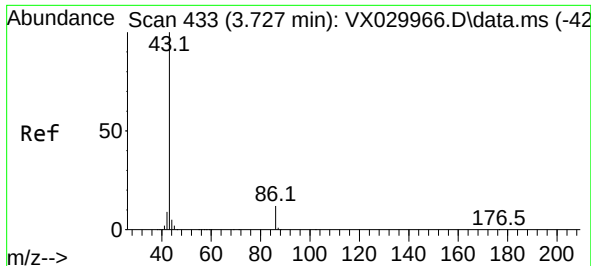
Ion Ratio Lower Upper

93 100

95 61.8 0.0 168.8

174 61.2 0.0 220.8

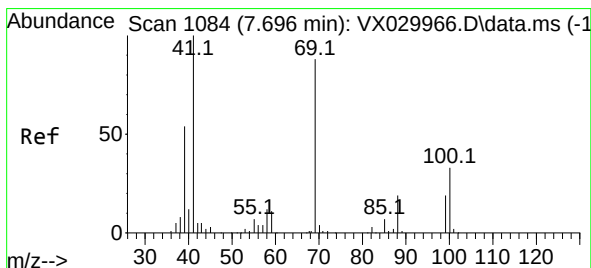
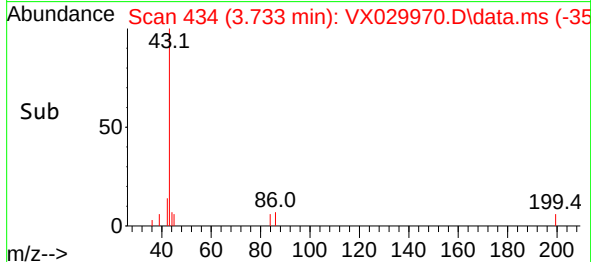
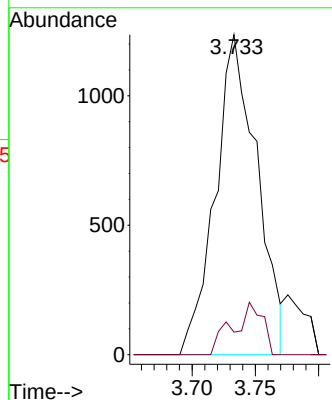
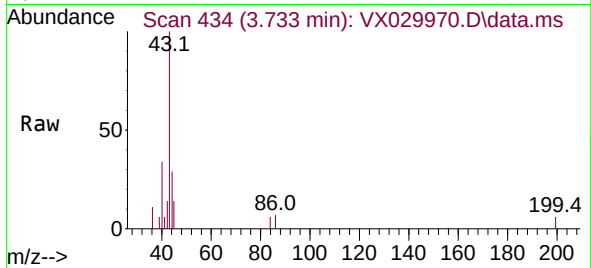




#42
 Vinyl Acetate
 Concen: 0.426 ug/l
 RT: 3.733 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX029970.D
 Acq: 08 Jul 2022 13:43

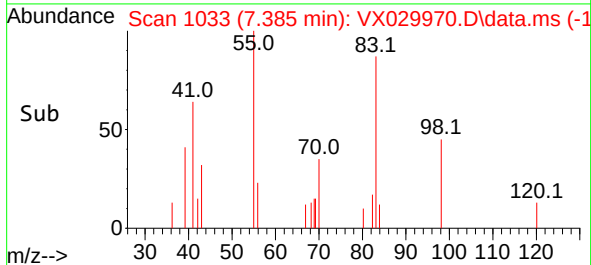
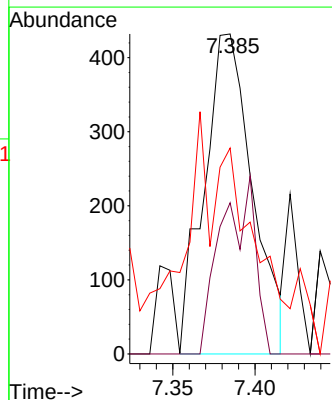
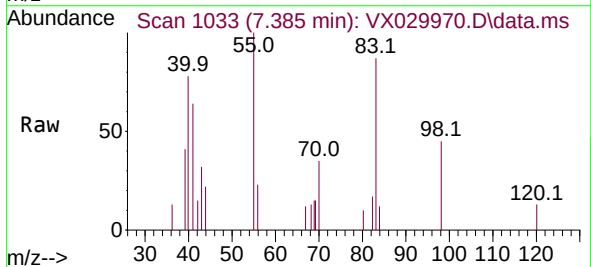
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

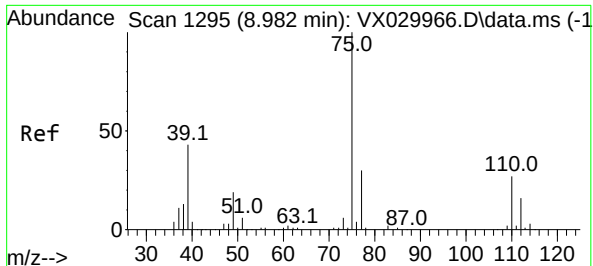
Tgt Ion: 43 Resp: 2827
 Ion Ratio Lower Upper
 43 100
 86 3.9 8.5 12.7#



#46
 Methyl methacrylate
 Concen: 0.316 ug/l
 RT: 7.385 min Scan# 1033
 Delta R.T. -0.311 min
 Lab File: VX029970.D
 Acq: 08 Jul 2022 13:43

Tgt Ion: 41 Resp: 889
 Ion Ratio Lower Upper
 41 100
 69 47.2 41.9 125.8
 39 47.2 27.5 82.5





#48

t-1,3-Dichloropropene

Concen: 0.323 ug/l

RT: 8.988 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX029970.D

Acq: 08 Jul 2022 13:43

Instrument :

MSVOA_X

ClientSampleId :

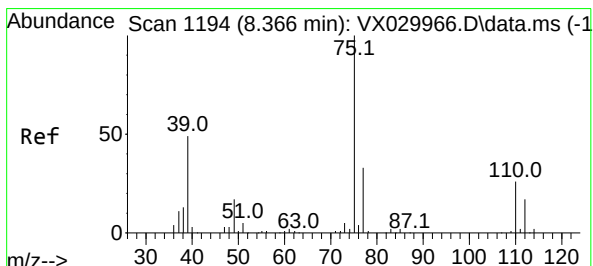
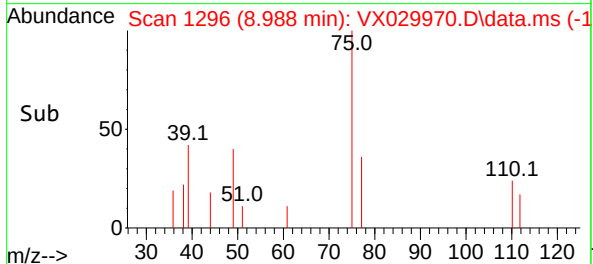
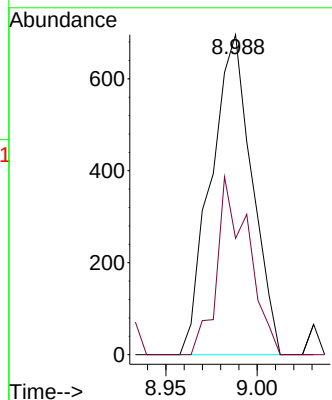
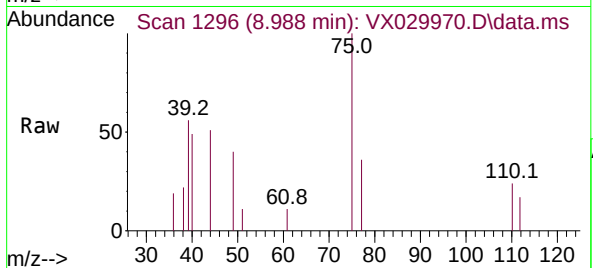
IBLK

Tgt Ion: 75 Resp: 1088

Ion Ratio Lower Upper

75 100

77 36.4 26.6 40.0



#49

cis-1,3-Dichloropropene

Concen: 0.254 ug/l

RT: 8.379 min Scan# 1196

Delta R.T. 0.012 min

Lab File: VX029970.D

Acq: 08 Jul 2022 13:43

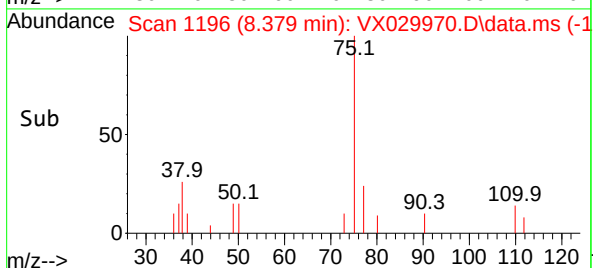
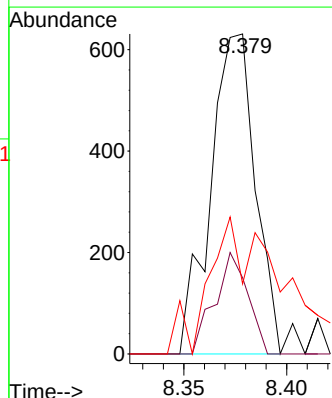
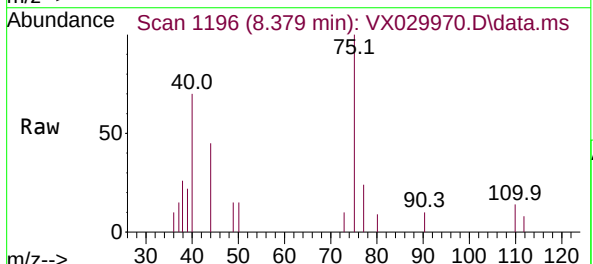
Tgt Ion: 75 Resp: 958

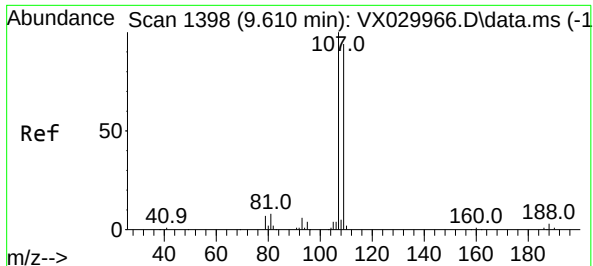
Ion Ratio Lower Upper

75 100

77 23.8 25.2 37.8#

39 5.2 37.4 56.0#





#54

1,2-Dibromoethane

Concen: 0.201 ug/l

RT: 9.610 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX029970.D

Acq: 08 Jul 2022 13:43

Instrument :

MSVOA_X

ClientSampleId :

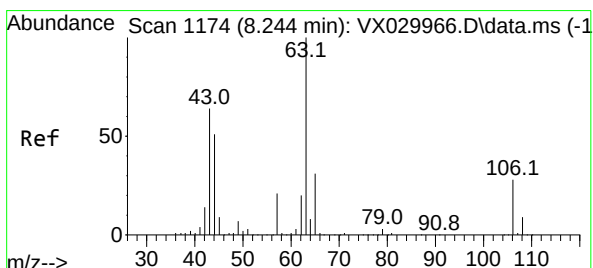
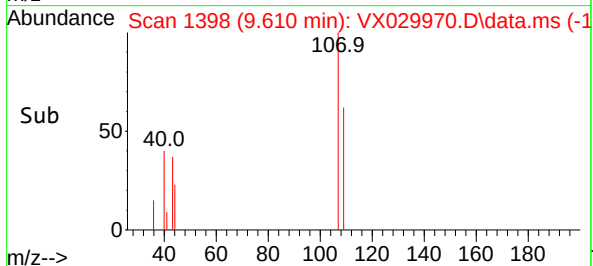
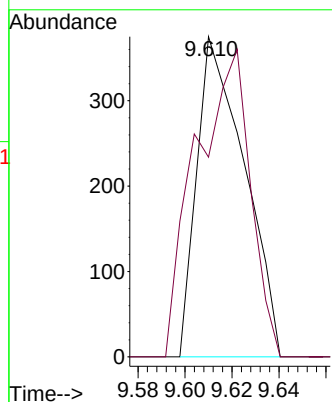
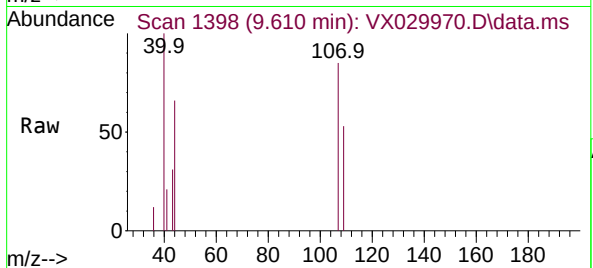
IBLK

Tgt Ion:107 Resp: 528

Ion Ratio Lower Upper

107 100

109 109.7 76.2 114.4



#55

2-Chloroethyl vinyl ether

Concen: 0.906 ug/l

RT: 8.251 min Scan# 1175

Delta R.T. 0.006 min

Lab File: VX029970.D

Acq: 08 Jul 2022 13:43

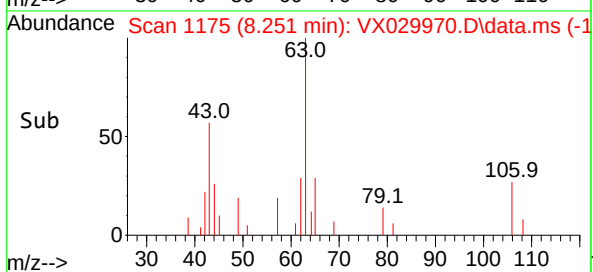
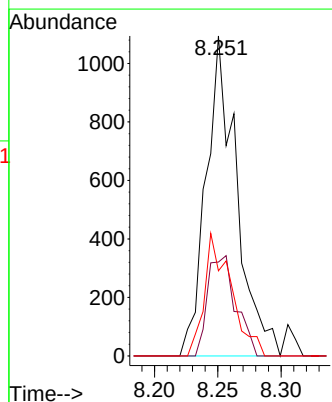
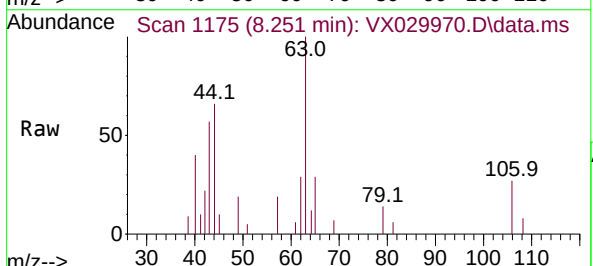
Tgt Ion: 63 Resp: 1836

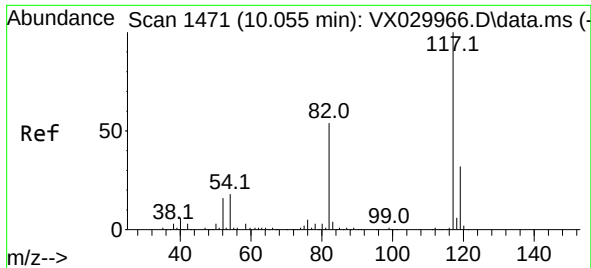
Ion Ratio Lower Upper

63 100

65 29.0 25.9 38.9

106 32.2 25.8 38.6

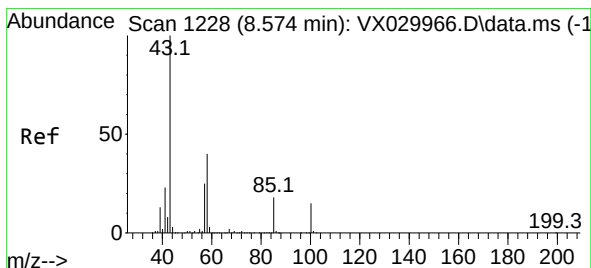
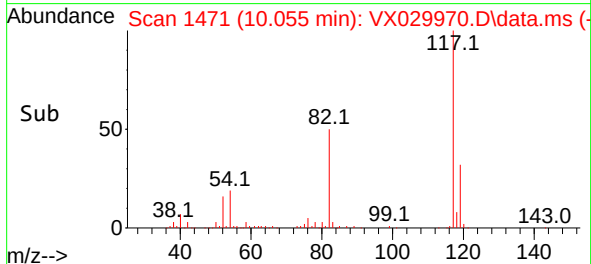
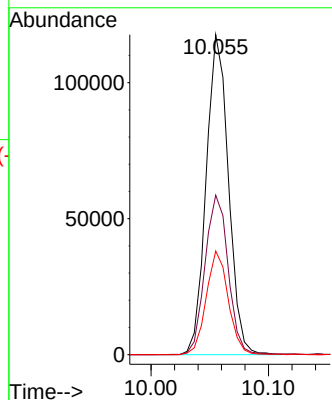
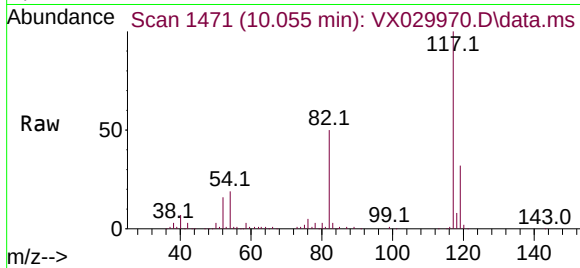




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029970.D
Acq: 08 Jul 2022 13:43

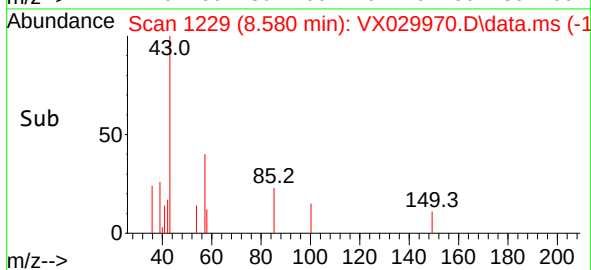
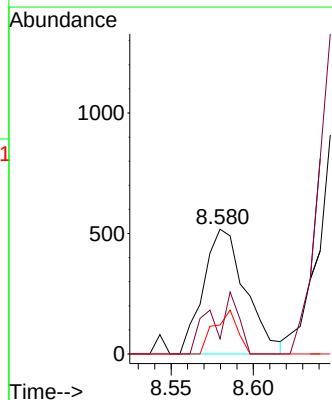
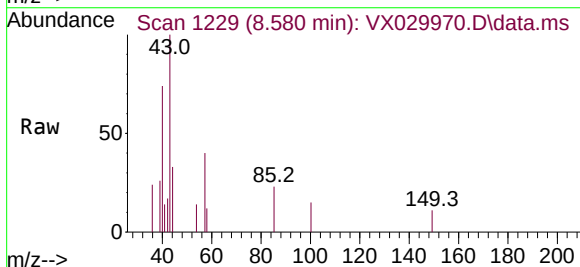
Instrument :
MSVOA_X
ClientSampleId :
IBLK

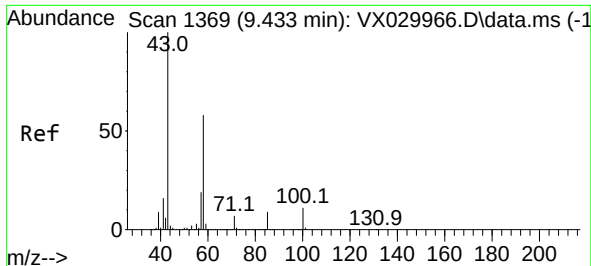
Tgt Ion:117 Resp: 155255
Ion Ratio Lower Upper
117 100
82 51.8 42.3 63.5
119 32.0 26.2 39.2



#58
4-Methyl-2-Pentanone
Concen: 0.242 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX029970.D
Acq: 08 Jul 2022 13:43

Tgt Ion: 43 Resp: 927
Ion Ratio Lower Upper
43 100
58 15.4 31.8 47.6#
85 0.0 15.8 23.6#

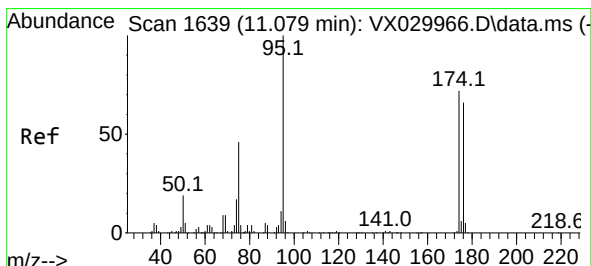
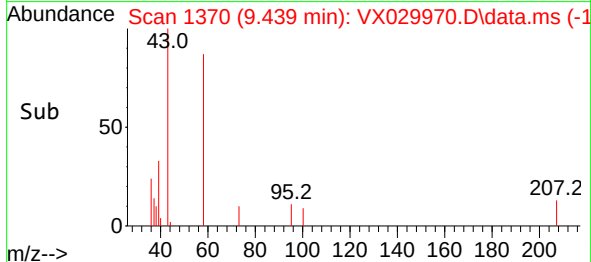
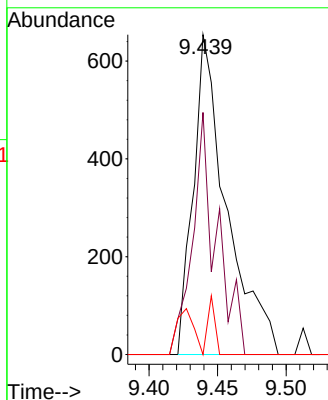
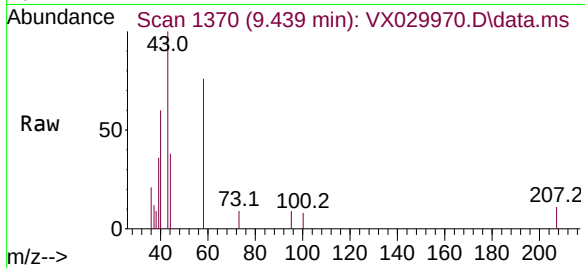




#59
2-Hexanone
Concen: 0.374 ug/l
RT: 9.439 min Scan# 1108
Delta R.T. 0.006 min
Lab File: VX029970.D
Acq: 08 Jul 2022 13:43

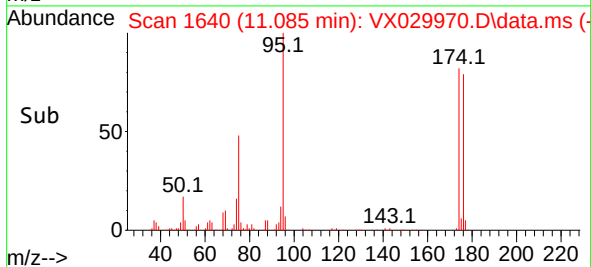
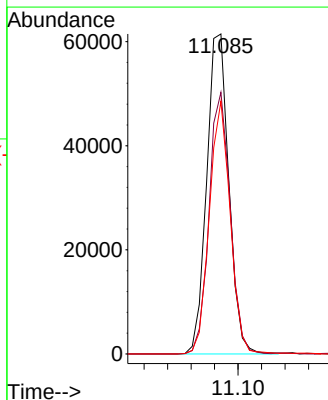
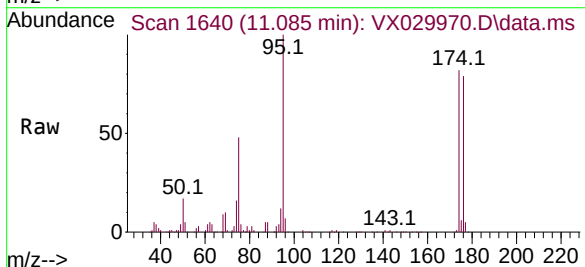
Instrument :
MSVOA_X
ClientSampleId :
IBLK

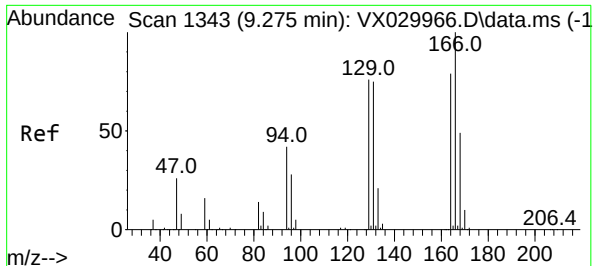
Tgt Ion: 43 Resp: 1108
Ion Ratio Lower Upper
43 100
58 54.4 44.1 66.1
57 4.0 16.2 24.2#



#60
4-Bromofluorobenzene
Concen: 27.528 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX029970.D
Acq: 08 Jul 2022 13:43

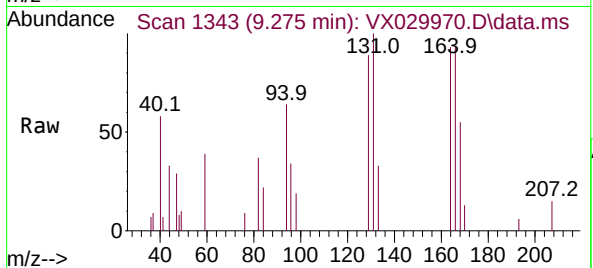
Tgt Ion: 95 Resp: 80544
Ion Ratio Lower Upper
95 100
174 78.1 65.4 98.2
176 74.0 63.4 95.0



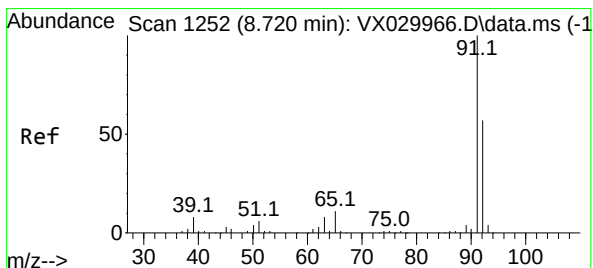
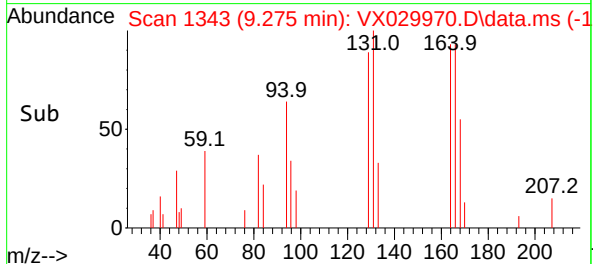
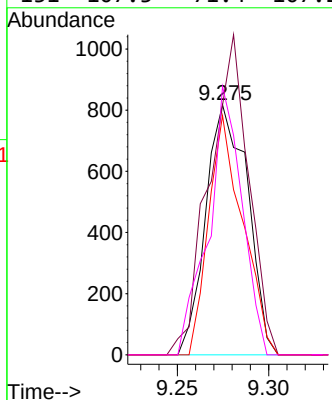


#61
Tetrachloroethene
Concen: 0.558 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029970.D
Acq: 08 Jul 2022 13:43

Instrument :
MSVOA_X
ClientSampleId :
IBLK

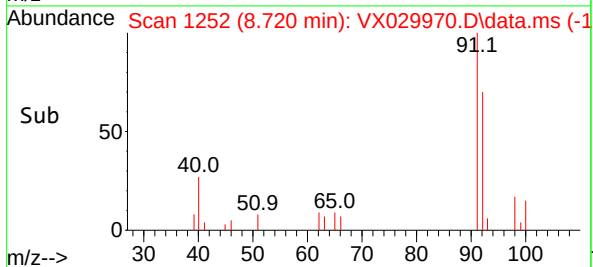
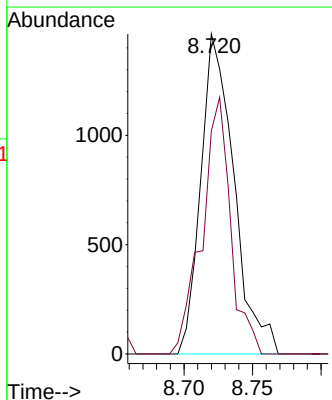
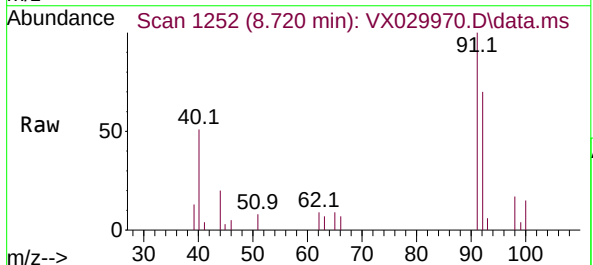


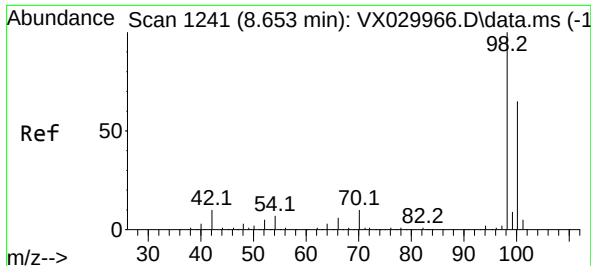
Tgt Ion:164 Resp: 1300
Ion Ratio Lower Upper
164 100
166 99.8 105.0 157.6#
129 95.6 78.5 117.7
131 107.3 71.4 107.2#



#62
Toluene
Concen: 0.239 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX029970.D
Acq: 08 Jul 2022 13:43

Tgt Ion: 91 Resp: 2466
Ion Ratio Lower Upper
91 100
92 69.3 48.1 72.1

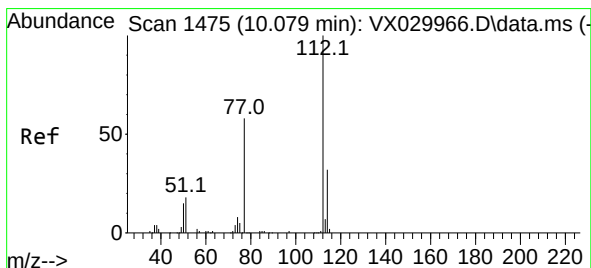
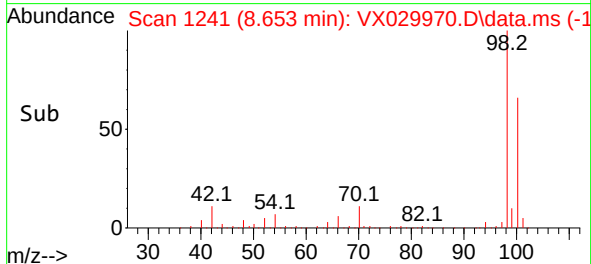
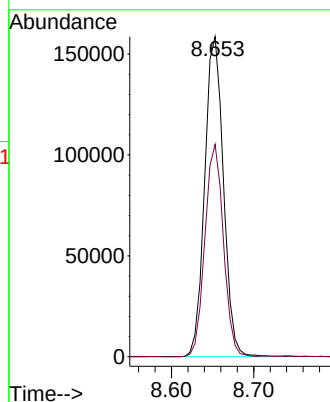
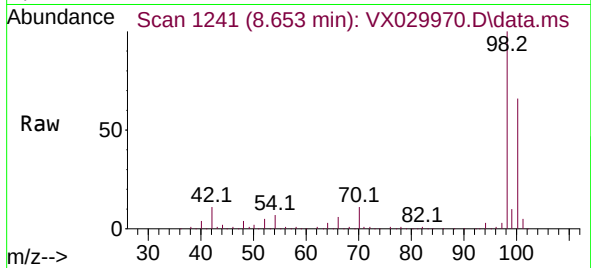




#63
Toluene-d8
Concen: 29.833 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX029970.D
Acq: 08 Jul 2022 13:43

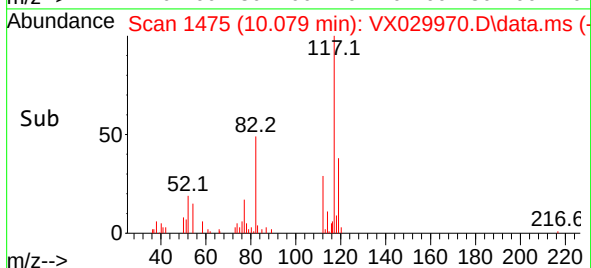
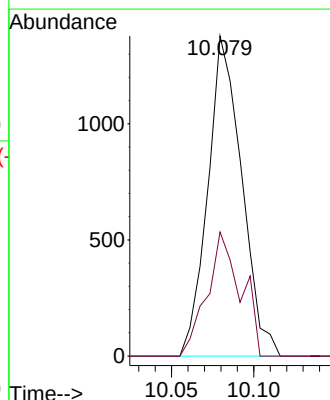
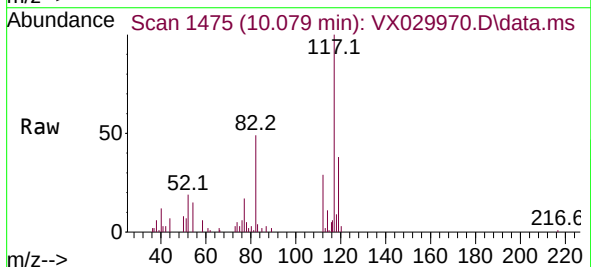
Instrument :
MSVOA_X
ClientSampleId :
IBLK

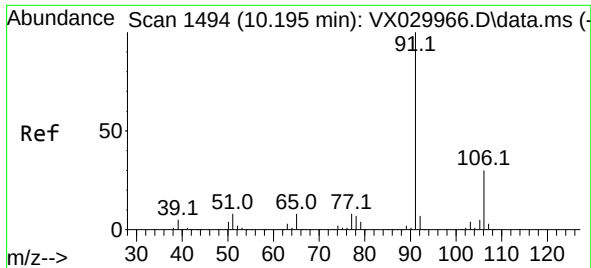
Tgt Ion: 98 Resp: 251156
Ion Ratio Lower Upper
98 100
100 65.5 51.4 77.2



#64
Chlorobenzene
Concen: 0.320 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX029970.D
Acq: 08 Jul 2022 13:43

Tgt Ion: 112 Resp: 1973
Ion Ratio Lower Upper
112 100
114 38.8 26.0 39.0

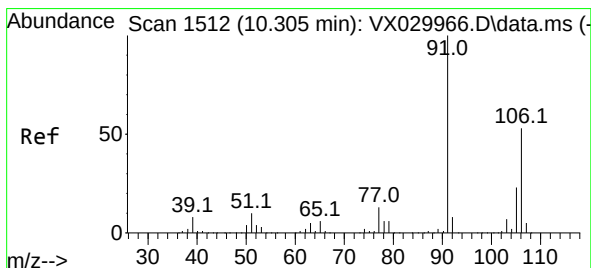
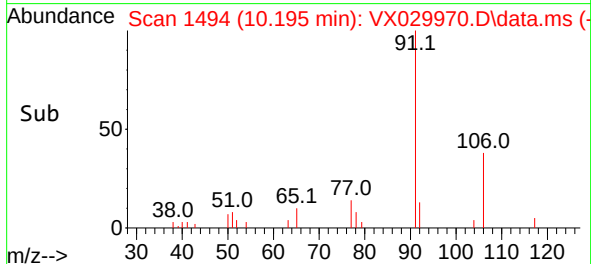
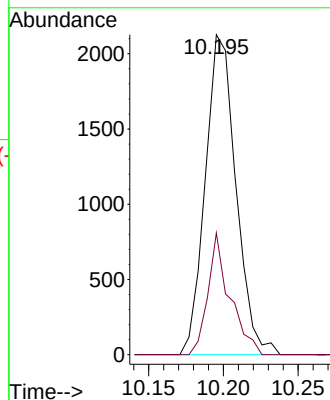
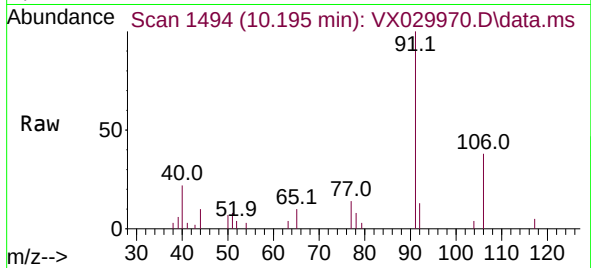




#66
Ethyl Benzene
Concen: 0.276 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX029970.D
Acq: 08 Jul 2022 13:43

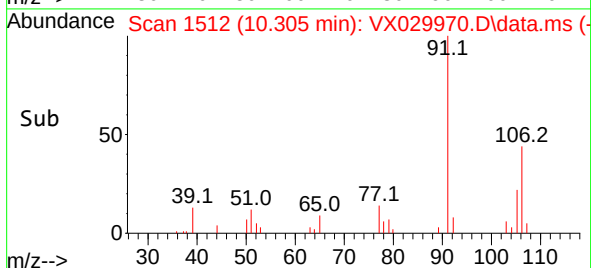
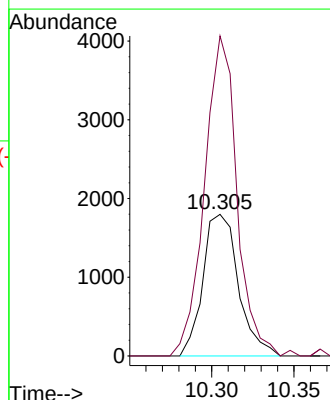
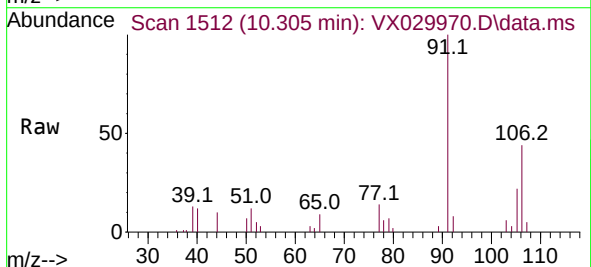
Instrument :
MSVOA_X
ClientSampleId :
IBLK

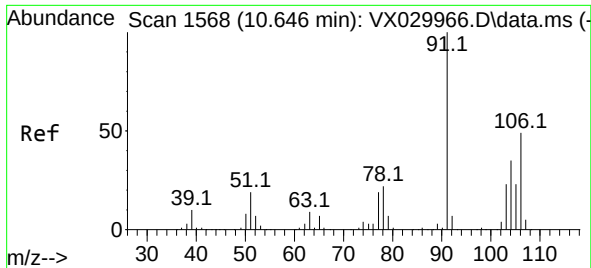
Tgt Ion: 91 Resp: 3034
Ion Ratio Lower Upper
91 100
106 38.0 25.8 38.8



#67
m/p-Xylenes
Concen: 0.635 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX029970.D
Acq: 08 Jul 2022 13:43

Tgt Ion: 106 Resp: 2705
Ion Ratio Lower Upper
106 100
91 205.7 159.5 239.3

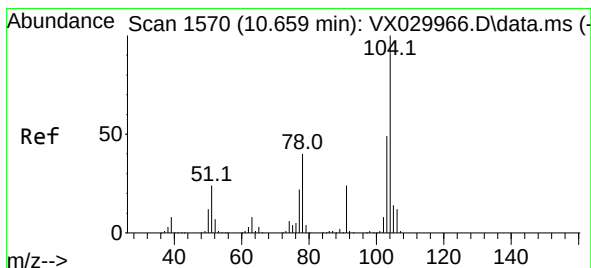
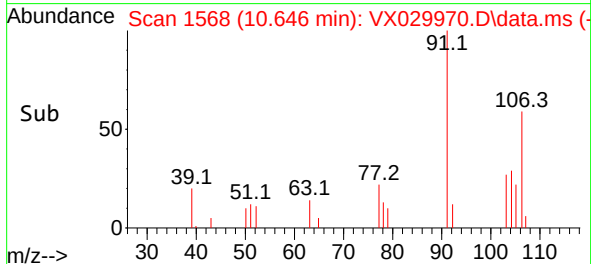
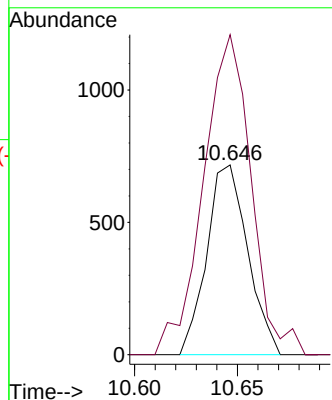
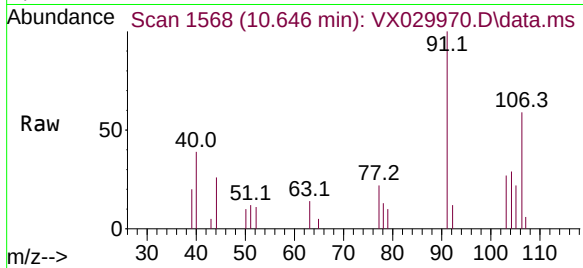




#68
o-Xylene
Concen: 0.234 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX029970.D
Acq: 08 Jul 2022 13:43

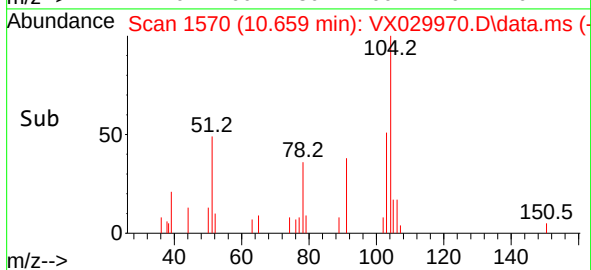
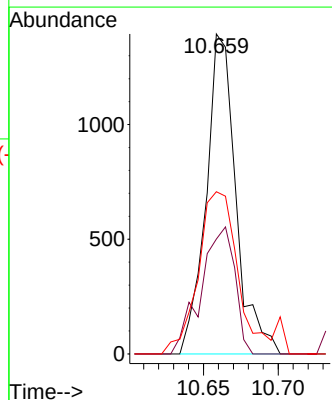
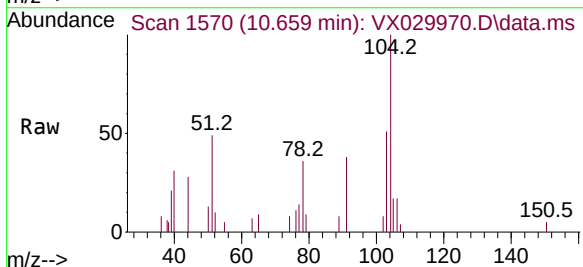
Instrument :
MSVOA_X
ClientSampleId :
IBLK

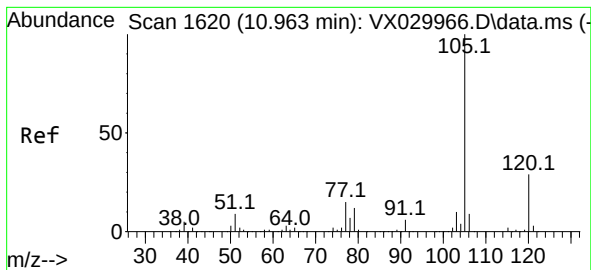
Tgt Ion:106 Resp: 993
Ion Ratio Lower Upper
106 100
91 193.5 105.4 316.2



#69
Styrene
Concen: 0.276 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX029970.D
Acq: 08 Jul 2022 13:43

Tgt Ion:104 Resp: 1940
Ion Ratio Lower Upper
104 100
78 45.1 39.7 59.5
103 67.1 42.7 64.1#





#70

Isopropylbenzene

Concen: 0.254 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX029970.D

Acq: 08 Jul 2022 13:43

Instrument :

MSVOA_X

ClientSampleId :

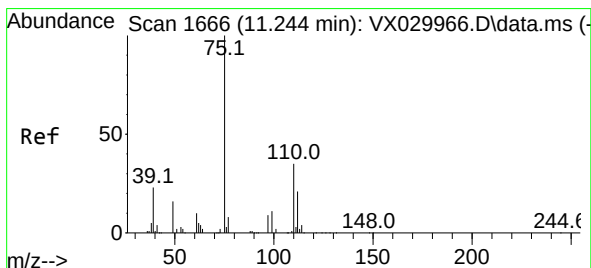
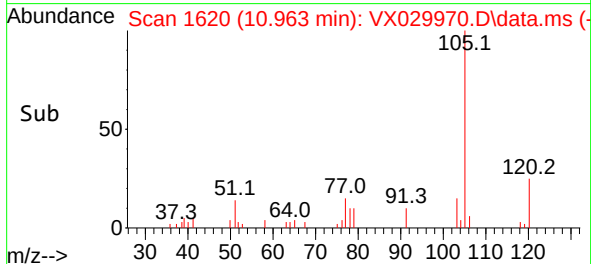
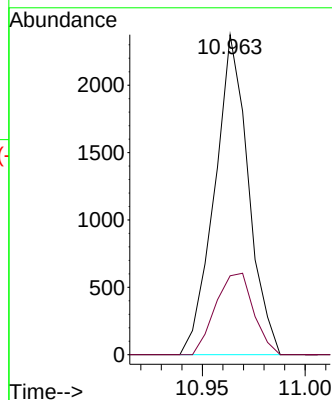
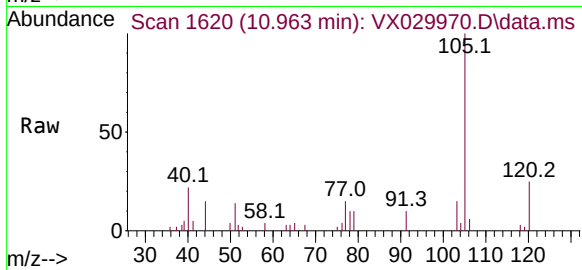
IBLK

Tgt Ion:105 Resp: 2711

Ion Ratio Lower Upper

105 100

120 28.7 18.8 34.8



#72

1,2,3-Trichloropropane

Concen: 0.206 ug/l

RT: 11.256 min Scan# 1668

Delta R.T. 0.012 min

Lab File: VX029970.D

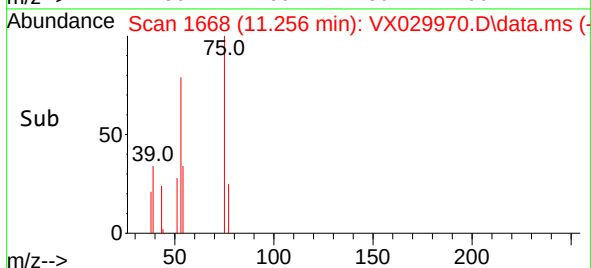
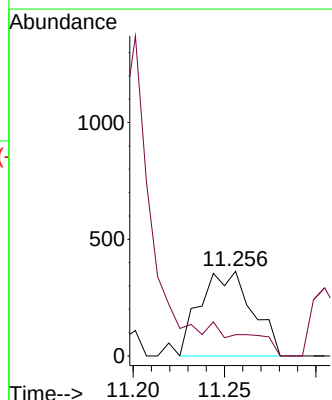
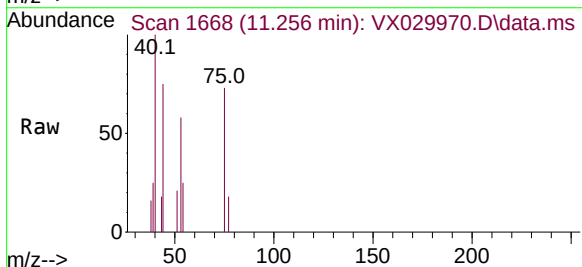
Acq: 08 Jul 2022 13:43

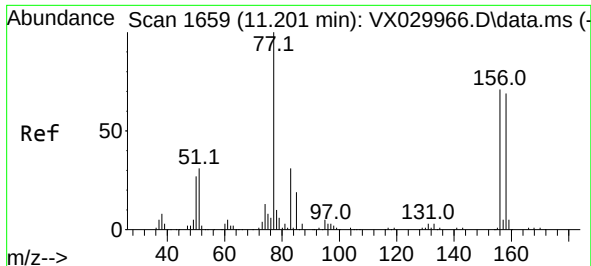
Tgt Ion: 75 Resp: 719

Ion Ratio Lower Upper

75 100

77 13.8 0.0 78.6

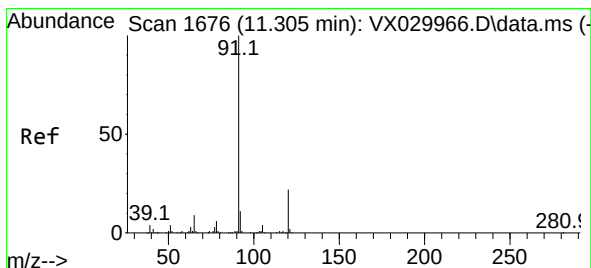
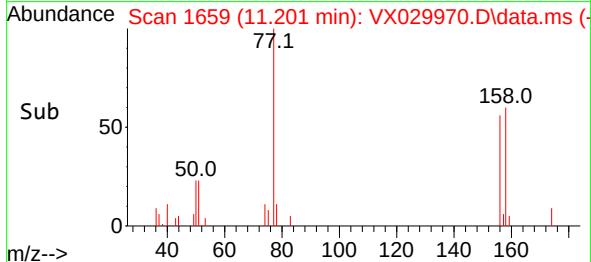
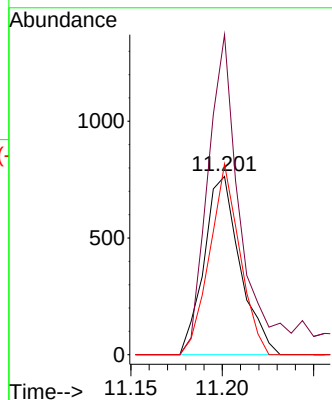
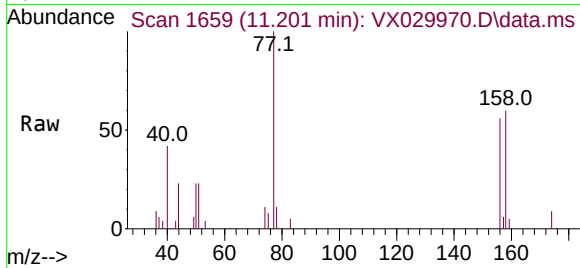




#73
Bromobenzene
Concen: 0.410 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX029970.D
Acq: 08 Jul 2022 13:43

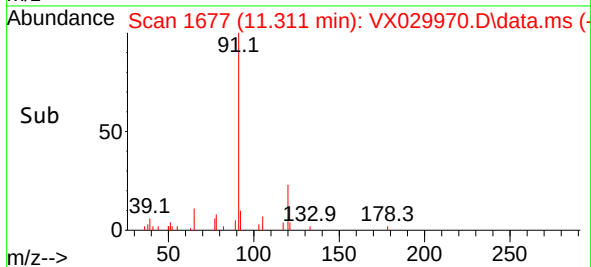
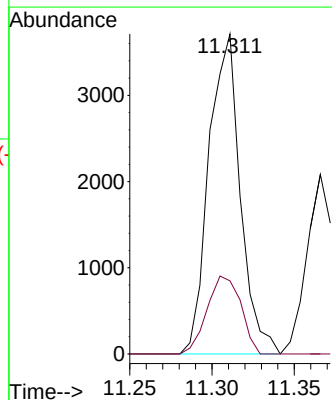
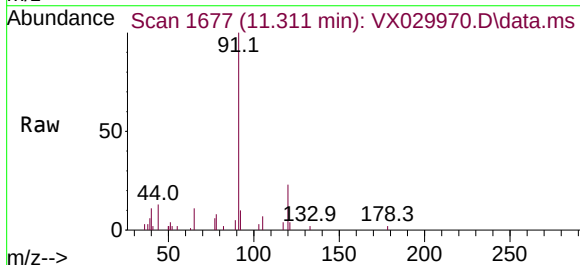
Instrument :
MSVOA_X
ClientSampleId :
IBLK

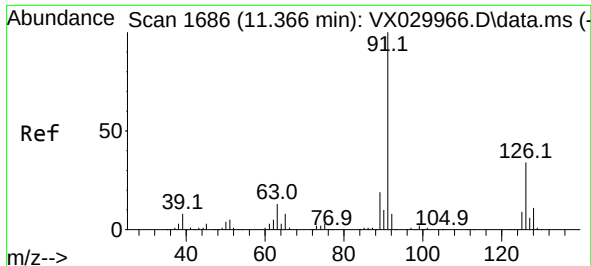
Tgt Ion:156 Resp: 1051
Ion Ratio Lower Upper
156 100
77 161.5 0.0 297.6
158 89.6 0.0 188.4



#74
n-propylbenzene
Concen: 0.385 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VX029970.D
Acq: 08 Jul 2022 13:43

Tgt Ion: 91 Resp: 4927
Ion Ratio Lower Upper
91 100
120 26.2 0.0 48.0

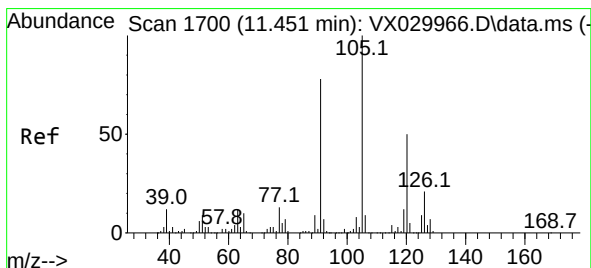
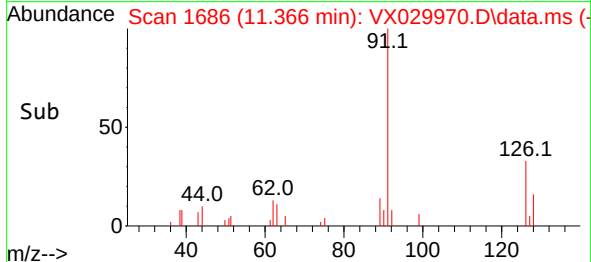
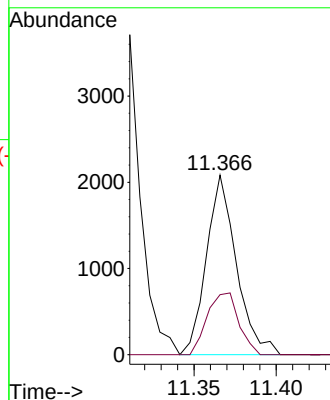
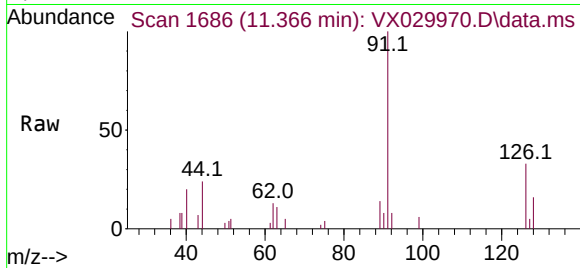




#75
2-Chlorotoluene
Concen: 0.350 ug/l
RT: 11.366 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029970.D
Acq: 08 Jul 2022 13:43

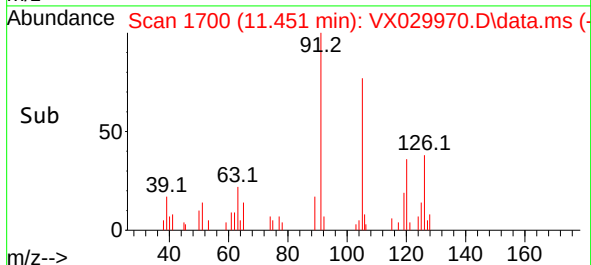
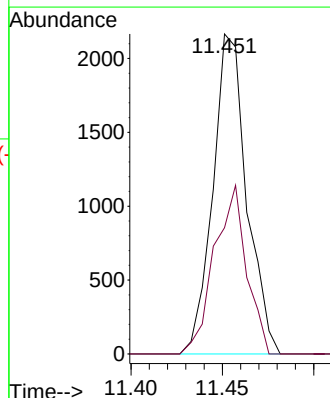
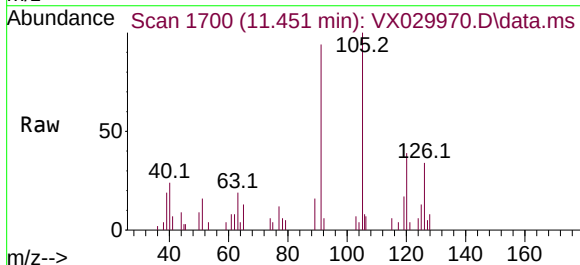
Instrument :
MSVOA_X
ClientSampleId :
IBLK

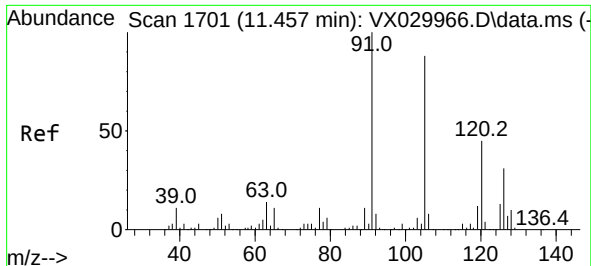
Tgt Ion: 91 Resp: 2643
Ion Ratio Lower Upper
91 100
126 36.2 0.0 68.6



#76
1,3,5-Trimethylbenzene
Concen: 0.311 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX029970.D
Acq: 08 Jul 2022 13:43

Tgt Ion: 105 Resp: 2792
Ion Ratio Lower Upper
105 100
120 50.1 0.0 98.0





#78

4-Chlorotoluene

Concen: 0.500 ug/l

RT: 11.463 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX029970.D

Acq: 08 Jul 2022 13:43

Instrument :

MSVOA_X

ClientSampleId :

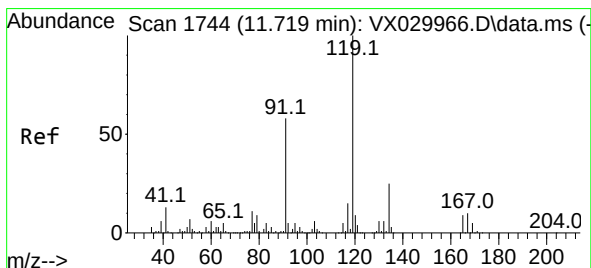
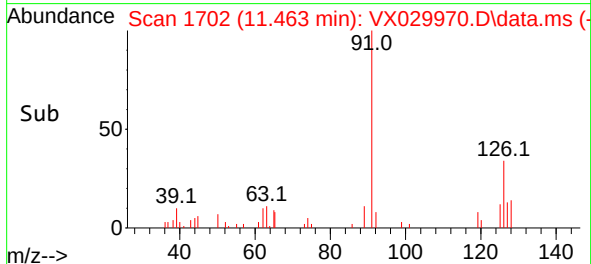
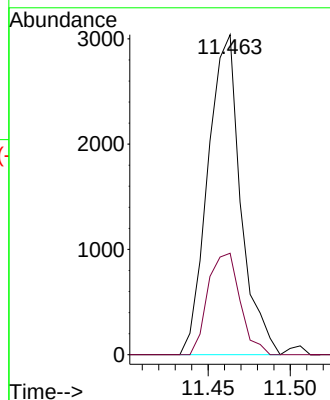
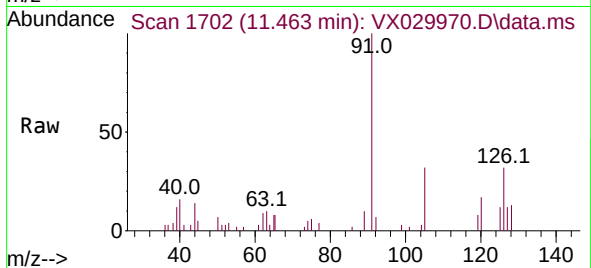
IBLK

Tgt Ion: 91 Resp: 4229

Ion Ratio Lower Upper

91 100

126 31.0 0.0 59.8



#79

tert-butylbenzene

Concen: 0.284 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.006 min

Lab File: VX029970.D

Acq: 08 Jul 2022 13:43

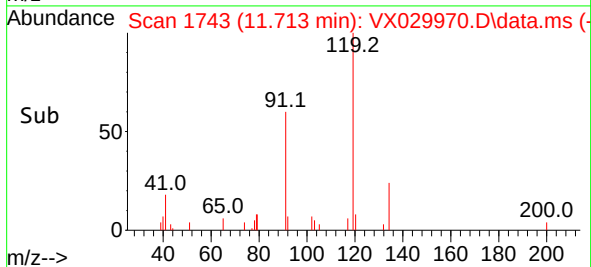
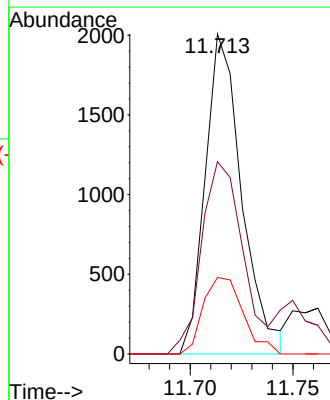
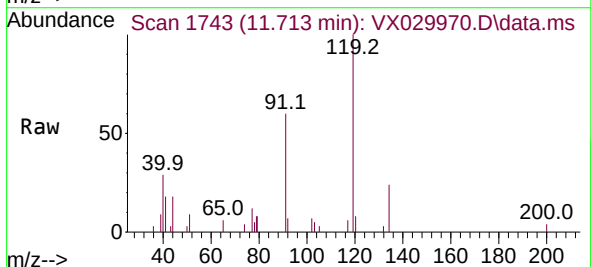
Tgt Ion: 119 Resp: 2480

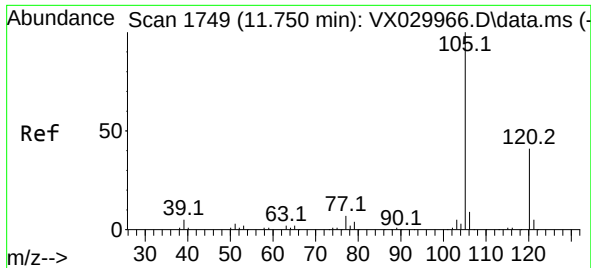
Ion Ratio Lower Upper

119 100

91 67.7 0.0 119.4

134 26.3 0.0 48.4

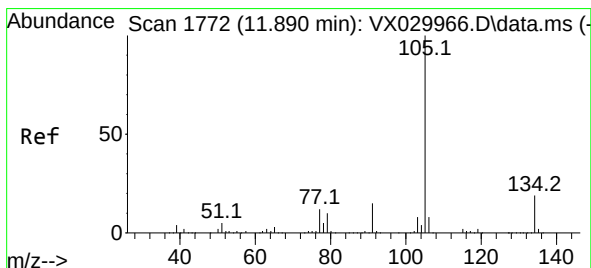
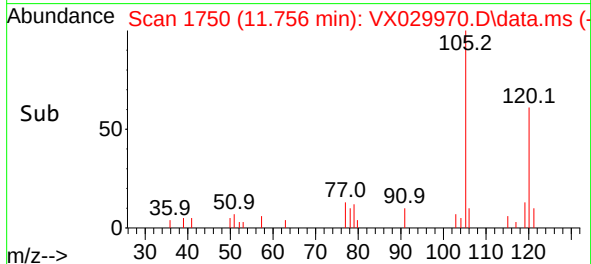
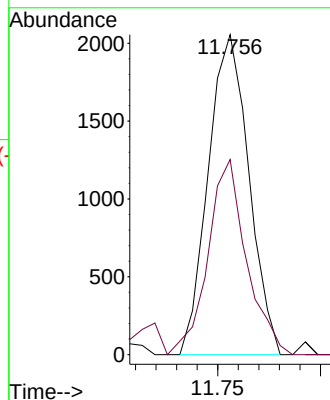
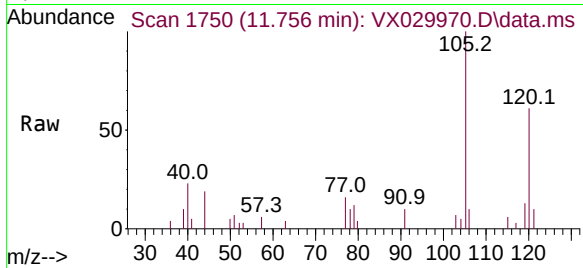




#80
1,2,4-Trimethylbenzene
Concen: 0.306 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX029970.D
Acq: 08 Jul 2022 13:43

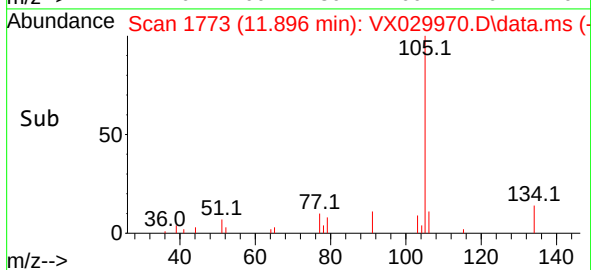
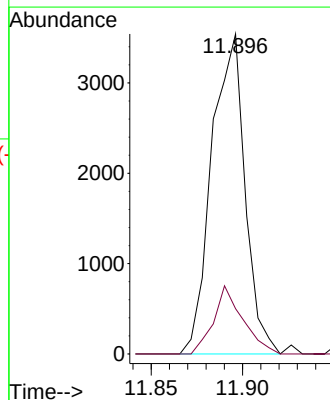
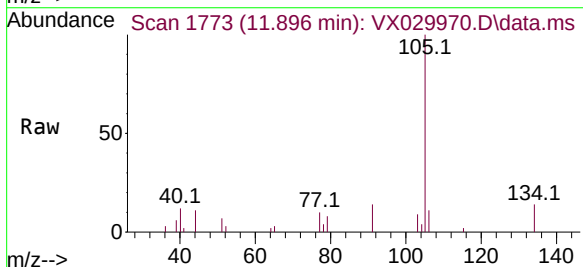
Instrument :
MSVOA_X
ClientSampleId :
IBLK

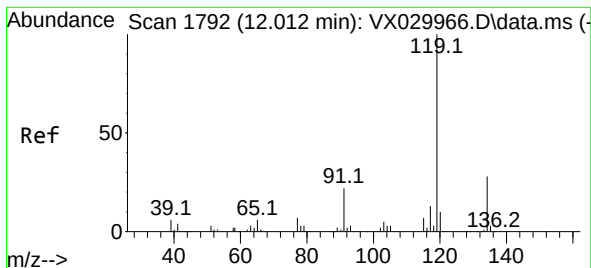
Tgt Ion:105 Resp: 2823
Ion Ratio Lower Upper
105 100
120 57.7 0.0 89.6



#81
sec-Butylbenzene
Concen: 0.380 ug/l
RT: 11.896 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VX029970.D
Acq: 08 Jul 2022 13:43

Tgt Ion:105 Resp: 4491
Ion Ratio Lower Upper
105 100
134 18.7 0.0 41.2





#82

p-Isopropyltoluene

Concen: 0.395 ug/l

RT: 12.012 min Scan# 119

Delta R.T. 0.000 min

Lab File: VX029970.D

Acq: 08 Jul 2022 13:43

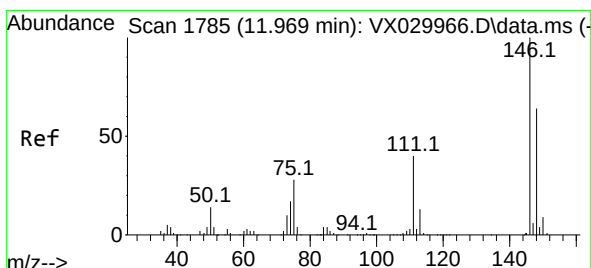
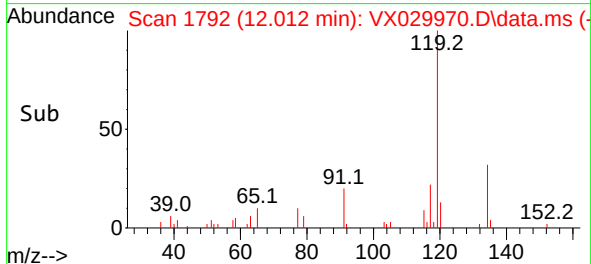
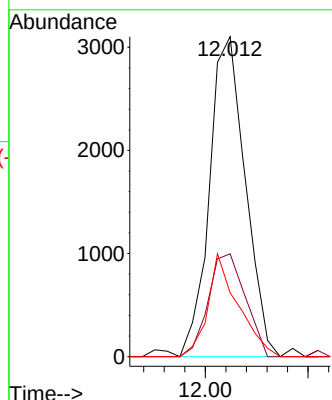
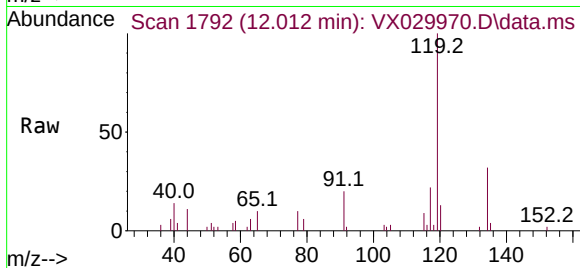
Instrument :

MSVOA_X

ClientSampleId :

IBLK

Tgt Ion:	119	Resp:	3755
Ion	Ratio	Lower	Upper
119	100		
134	33.3	0.0	52.4
91	27.2	0.0	47.2



#83

1,3-Dichlorobenzene

Concen: 0.621 ug/l

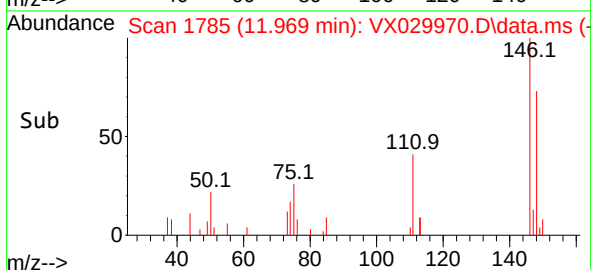
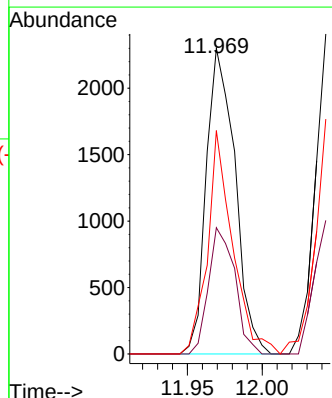
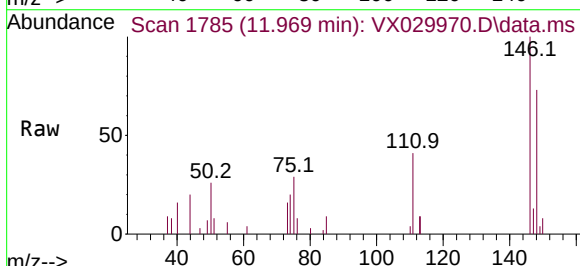
RT: 11.969 min Scan# 1785

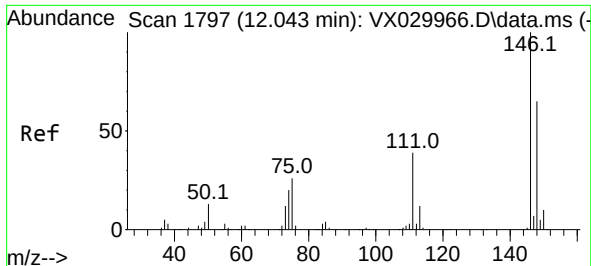
Delta R.T. 0.000 min

Lab File: VX029970.D

Acq: 08 Jul 2022 13:43

Tgt Ion:	146	Resp:	3077
Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.8	59.4
148	61.6	31.6	94.8





#84

1,4-Dichlorobenzene

Concen: 0.655 ug/l

RT: 12.049 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX029970.D

Acq: 08 Jul 2022 13:43

Instrument :

MSVOA_X

ClientSampleId :

IBLK

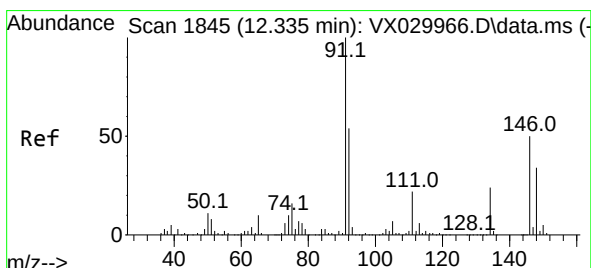
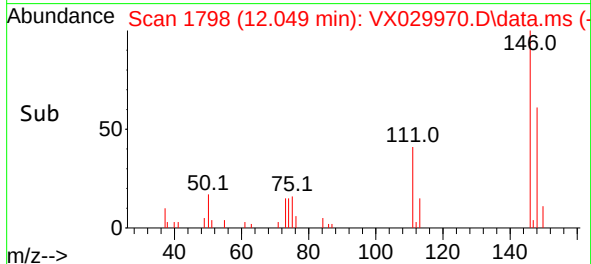
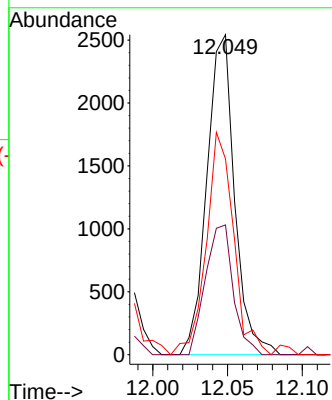
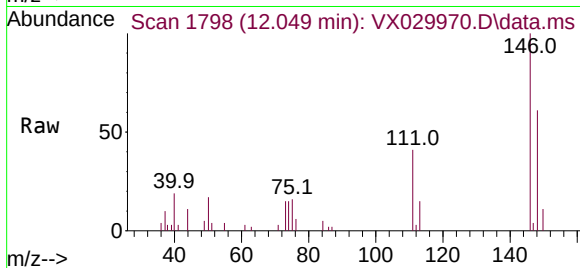
Tgt Ion:146 Resp: 3289

Ion Ratio Lower Upper

146 100

111 40.6 19.2 57.6

148 65.2 32.3 96.8



#85

n-Butylbenzene

Concen: 0.591 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX029970.D

Acq: 08 Jul 2022 13:43

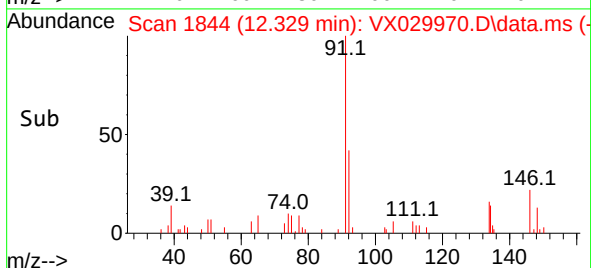
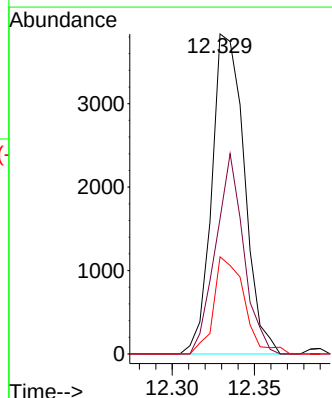
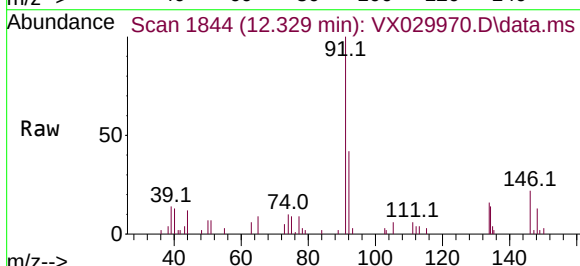
Tgt Ion: 91 Resp: 5268

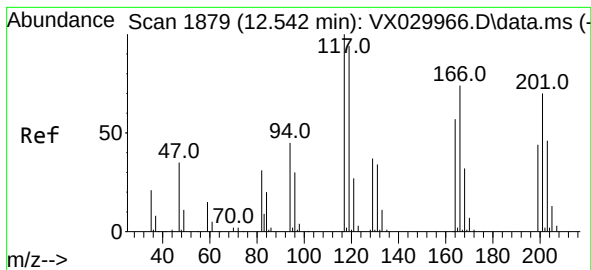
Ion Ratio Lower Upper

91 100

92 53.9 0.0 109.4

134 28.0 0.0 56.4





#86

Hexachloroethane

Concen: 0.308 ug/l

RT: 12.542 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VX029970.D

Acq: 08 Jul 2022 13:43

Instrument :

MSVOA_X

ClientSampleId :

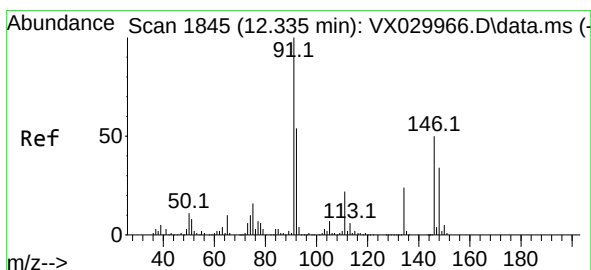
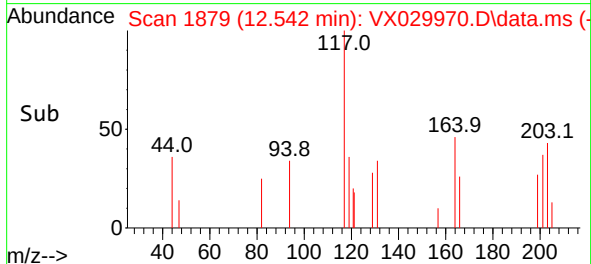
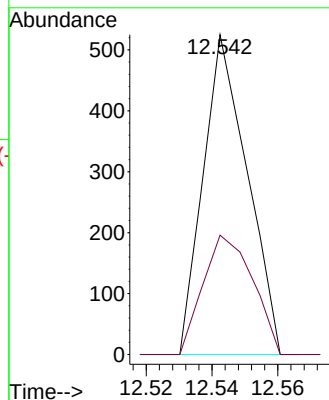
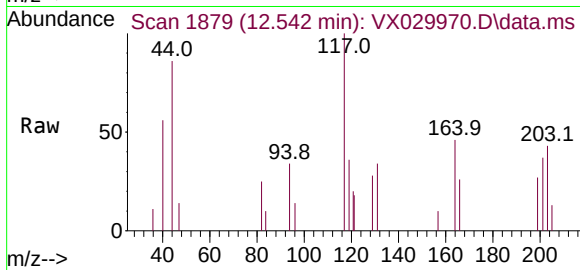
IBLK

Tgt Ion:117 Resp: 487

Ion Ratio Lower Upper

117 100

201 42.3 39.5 118.5



#87

1,2-Dichlorobenzene

Concen: 0.456 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX029970.D

Acq: 08 Jul 2022 13:43

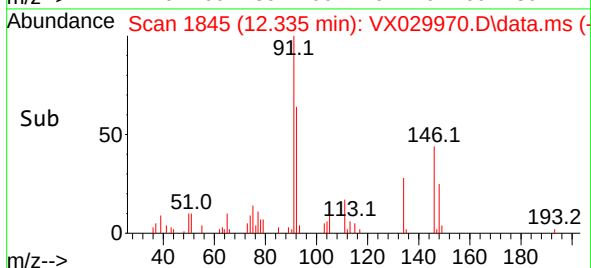
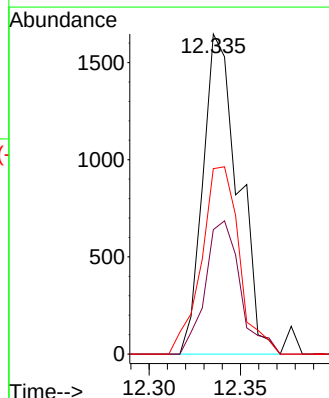
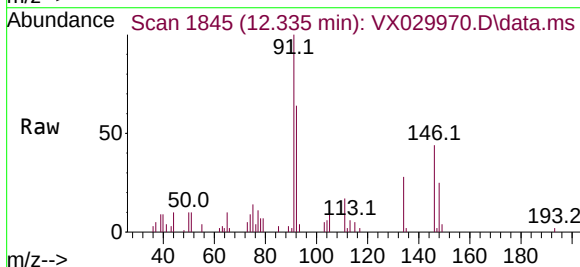
Tgt Ion:146 Resp: 2229

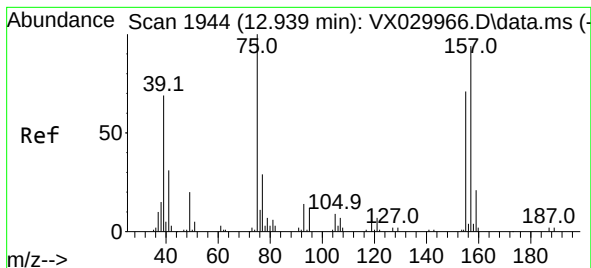
Ion Ratio Lower Upper

146 100

111 39.7 21.1 63.3

148 62.3 31.4 94.2

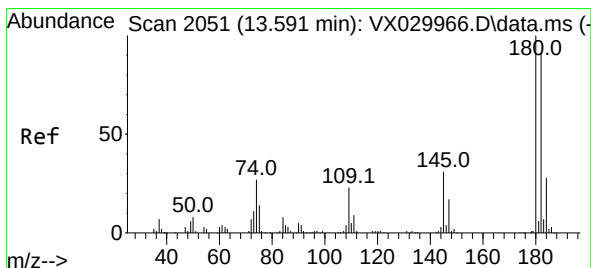
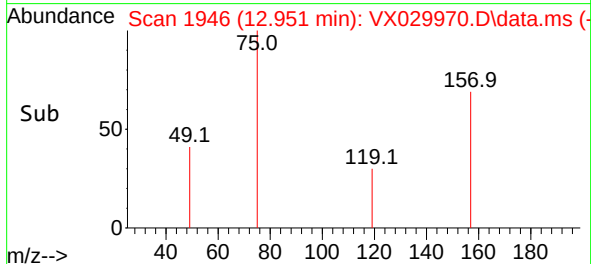
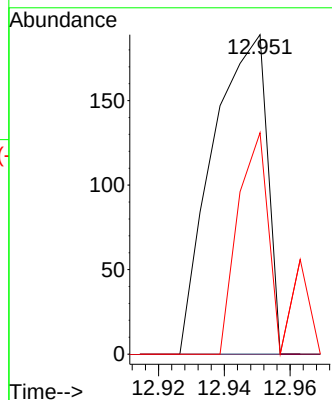
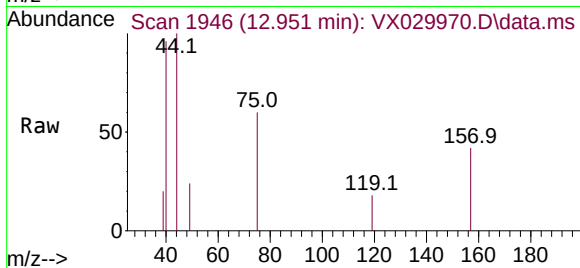




#88
1,2-Dibromo-3-Chloropropane
Concen: 0.245 ug/l
RT: 12.951 min Scan# 1946
Delta R.T. 0.012 min
Lab File: VX029970.D
Acq: 08 Jul 2022 13:43

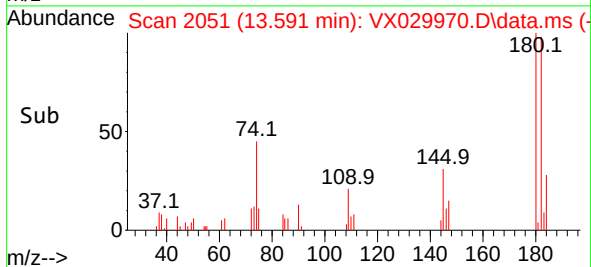
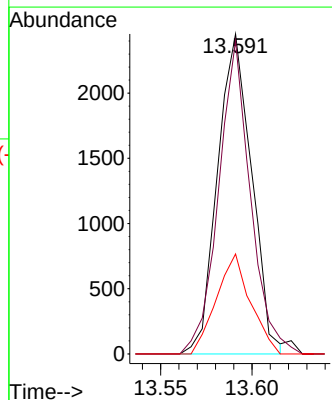
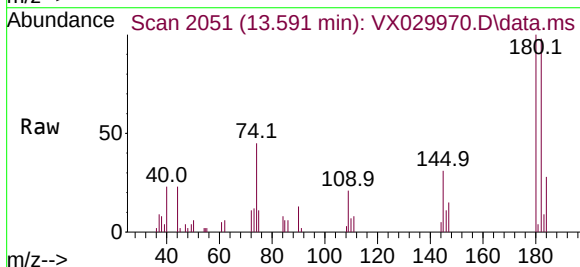
Instrument :
MSVOA_X
ClientSampleId :
IBLK

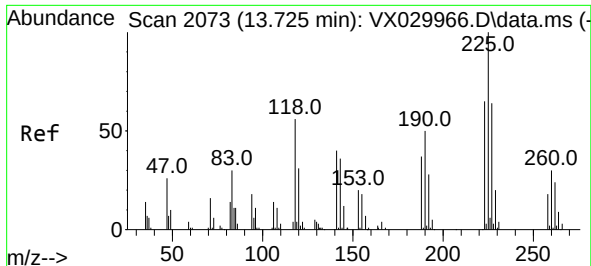
Tgt Ion: 75 Resp: 217
Ion Ratio Lower Upper
75 100
155 0.0 74.3 111.5#
157 38.2 97.3 145.9#



#89
1,2,4-Trichlorobenzene
Concen: 1.049 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX029970.D
Acq: 08 Jul 2022 13:43

Tgt Ion: 180 Resp: 3177
Ion Ratio Lower Upper
180 100
182 91.7 77.4 116.2
145 31.3 24.2 36.4

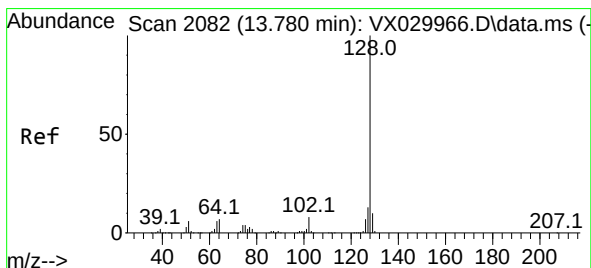
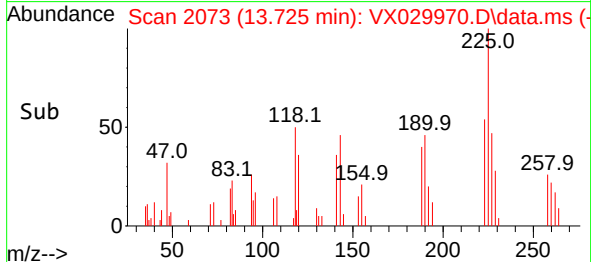
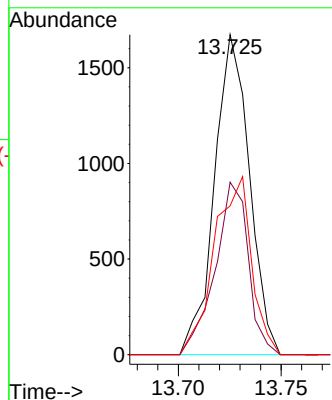
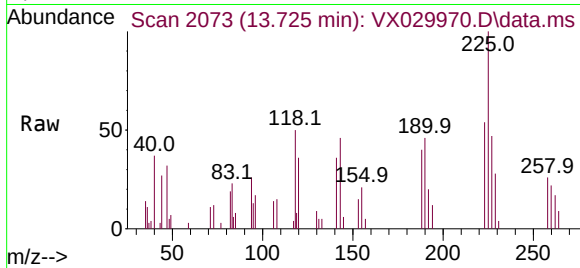




#90
Hexachlorobutadiene
Concen: 1.726 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX029970.D
Acq: 08 Jul 2022 13:43

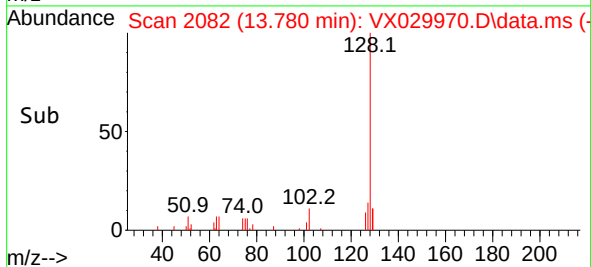
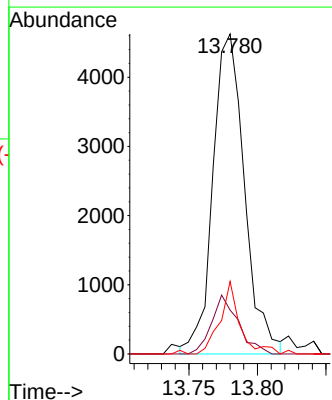
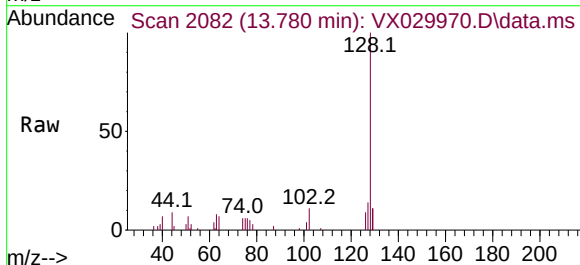
Instrument :
MSVOA_X
ClientSampleId :
IBLK

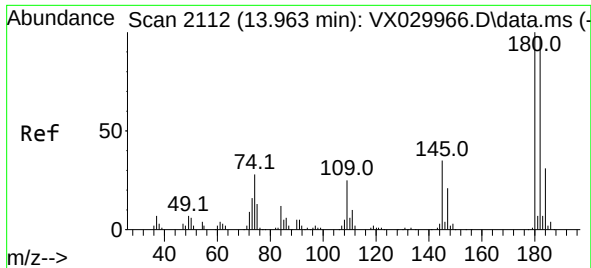
Tgt Ion:225 Resp: 1983
Ion Ratio Lower Upper
225 100
223 51.2 0.0 126.0
227 59.1 0.0 125.0



#91
Naphthalene
Concen: 0.614 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX029970.D
Acq: 08 Jul 2022 13:43

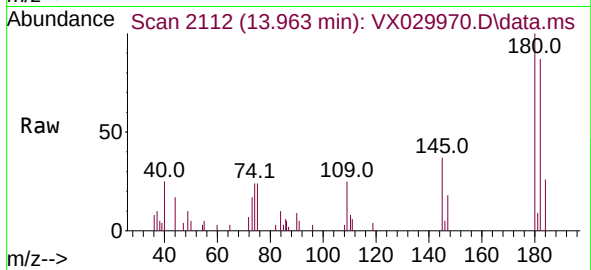
Tgt Ion:128 Resp: 7417
Ion Ratio Lower Upper
128 100
127 15.6 10.0 15.0#
129 13.1 8.8 13.2





#92
 1,2,3-Trichlorobenzene
 Concen: 0.887 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.000 min
 Lab File: VX029970.D
 Acq: 08 Jul 2022 13:43

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK



Tgt Ion:180 Resp: 2736
 Ion Ratio Lower Upper
 180 100
 182 95.7 0.0 189.4
 145 34.6 0.0 67.2

