

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021822\
 Data File : VX027097.D
 Acq On : 17 Feb 2022 23:54
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Feb 18 05:14:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X021822W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Feb 18 05:14:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.910	128	14439	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	79189	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	68101	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	31180	29.865	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.533%
60) 4-Bromofluorobenzene	11.085	95	30241	27.308	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	91.033%
63) Toluene-d8	8.653	98	91742	30.047	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.167%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	255	0.308	ug/l	98
3) Chloromethane	1.295	50	180	0.229	ug/l	90
4) Vinyl Chloride	1.380	62	221	0.281	ug/l	95
5) Bromomethane	1.618	94	432	1.126	ug/l	100
7) Trichlorofluoromethane	1.892	101	320	0.261	ug/l #	78
9) 1,1,2-Trichlorotrifluo...	2.343	101	333	0.391	ug/l	72
10) 1,1-Dichloroethene	2.325	96	249	0.297	ug/l #	57
11) Methyl Iodide	2.465	142	527	0.476	ug/l #	87
13) Acrolein	2.239	56	295	1.465	ug/l	86
14) Acrylonitrile	3.081	53	693	1.281	ug/l	92
16) Carbon Disulfide	2.514	76	3820	1.741	ug/l	97
18) Methylene Chloride	2.788	84	249	0.264	ug/l #	92
19) trans-1,2-Dichloroethene	3.105	96	574	0.629	ug/l #	64
23) tert-Butyl Alcohol	2.959	59	101	0.477	ug/l #	100
26) Cyclohexane	5.483	56	357	0.233	ug/l #	78
29) 1,1-Dichloropropene	5.702	75	327	0.260	ug/l	79
30) 2-Butanone	4.568	43	189	0.250	ug/l #	55
37) Trichloroethene	7.129	130	410	0.377	ug/l	93
38) Methylcyclohexane	7.385	83	609	0.393	ug/l #	62
40) Dibromomethane	7.586	93	211	0.316	ug/l	90
42) Vinyl Acetate	3.733	43	979	0.382	ug/l #	74
44) Isopropyl Acetate	6.763	43	1363	0.610	ug/l #	1
46) Methyl methacrylate	7.379	41	240	0.219	ug/l #	32
51) Ethyl methacrylate	8.659	69	342	0.234	ug/l	98
53) Dibromochloromethane	9.275	129	438	0.460	ug/l #	11
55) 2-Chloroethyl vinyl ether	8.251	63	1831	2.565	ug/l	98
56) Bromoform	11.079	173	262	0.395	ug/l #	1
58) 4-Methyl-2-Pentanone	8.580	43	348	0.248	ug/l #	65
59) 2-Hexanone	9.439	43	472	0.444	ug/l #	86
61) Tetrachloroethene	9.275	164	382	0.348	ug/l	90
62) Toluene	8.726	91	832	0.216	ug/l	98
64) Chlorobenzene	10.086	112	722	0.302	ug/l	92
66) Ethyl Benzene	10.195	91	1043	0.246	ug/l	92
67) m/p-Xylenes	10.305	106	973	0.593	ug/l	93
69) Styrene	10.659	104	695	0.260	ug/l	91
70) Isopropylbenzene	10.964	105	1243	0.298	ug/l	92
73) Bromobenzene	11.195	156	348	0.340	ug/l	93
74) n-propylbenzene	11.305	91	1748	0.366	ug/l	93
75) 2-Chlorotoluene	11.366	91	1081	0.366	ug/l	93

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

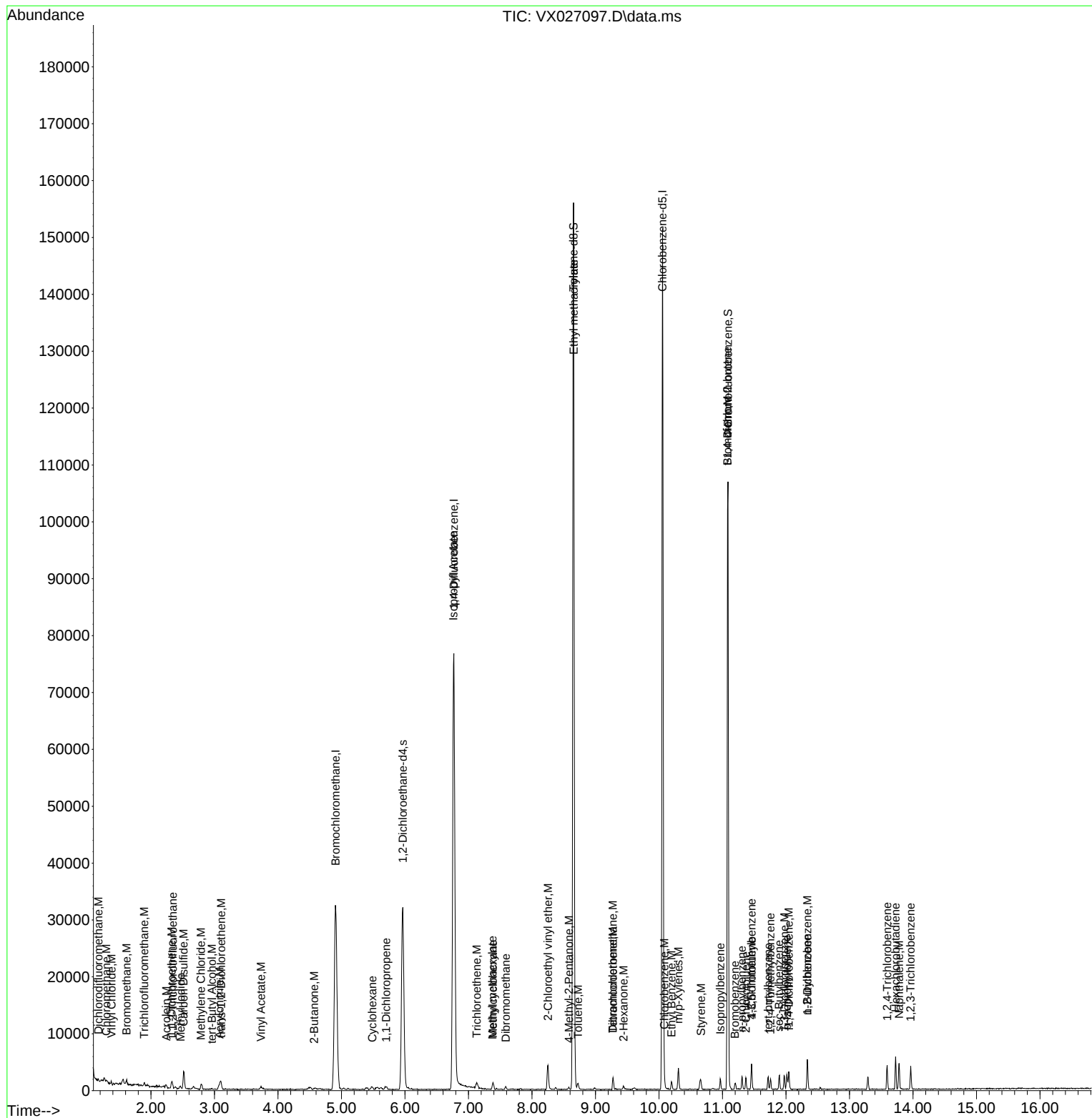
76) 1,3,5-Trimethylbenzene	11.457	105	1111	0.318	ug/l	95
77) t-1,4-Dichloro-2-butene	11.079	75	14780	41.523	ug/l #	2
78) 4-Chlorotoluene	11.457	91	1473	0.446	ug/l	88
79) tert-butylbenzene	11.719	119	1059	0.317	ug/l	98
80) 1,2,4-Trimethylbenzene	11.756	105	1060	0.304	ug/l	91
81) sec-Butylbenzene	11.890	105	1688	0.395	ug/l	99
82) p-Isopropyltoluene	12.012	119	1395	0.388	ug/l	96
83) 1,3-Dichlorobenzene	11.976	146	1073	0.564	ug/l	95
84) 1,4-Dichlorobenzene	12.043	146	1182	0.619	ug/l	97
85) n-Butylbenzene	12.335	91	1632	0.547	ug/l	98
87) 1,2-Dichlorobenzene	12.335	146	810	0.439	ug/l	97
89) 1,2,4-Trichlorobenzene	13.591	180	1209	1.040	ug/l	97
90) Hexachlorobutadiene	13.725	225	926	1.903	ug/l	91
91) Naphthalene	13.780	128	3339	0.817	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	1175	0.999	ug/l	99

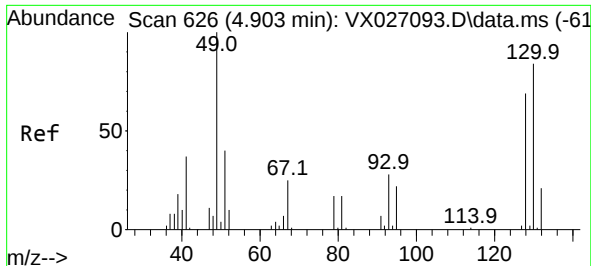
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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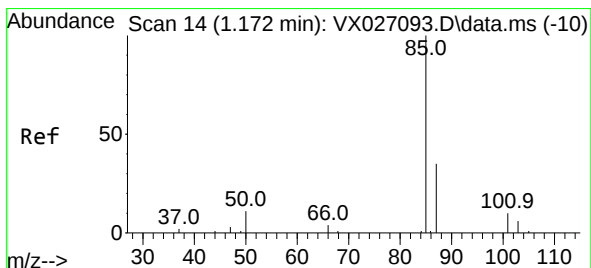
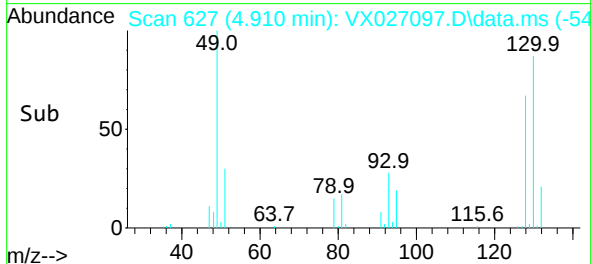
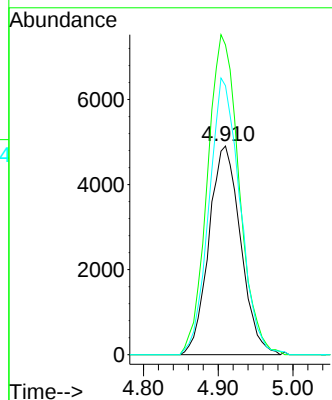
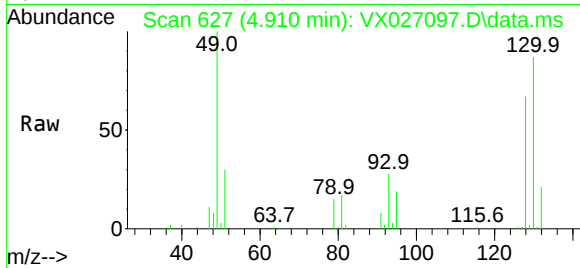




#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 4.910 min Scan# 61
 Delta R.T. 0.007 min
 Lab File: VX027097.D
 Acq: 17 Feb 2022 23:54

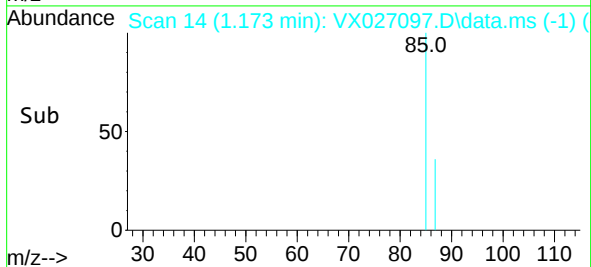
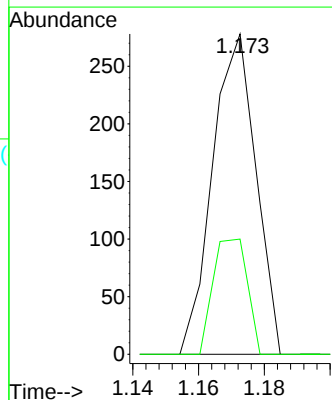
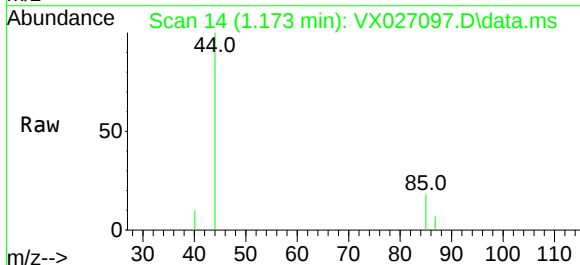
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

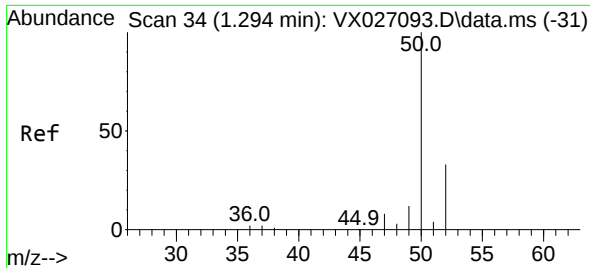
Tgt Ion:	128	Resp:	14439
Ion	Ratio	Lower	Upper
128	100		
49	153.6	0.0	387.0
130	129.8	0.0	323.0



#2
 Dichlorodifluoromethane
 Concen: 0.308 ug/l
 RT: 1.173 min Scan# 14
 Delta R.T. 0.000 min
 Lab File: VX027097.D
 Acq: 17 Feb 2022 23:54

Tgt Ion:	85	Resp:	255
Ion	Ratio	Lower	Upper
85	100		
87	36.0	17.4	52.3

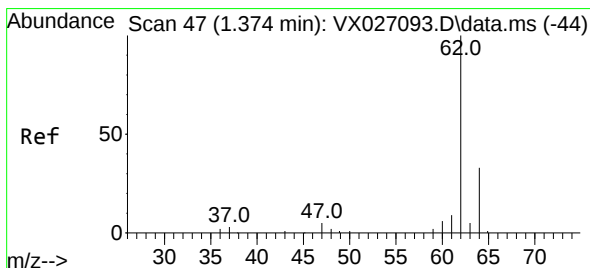
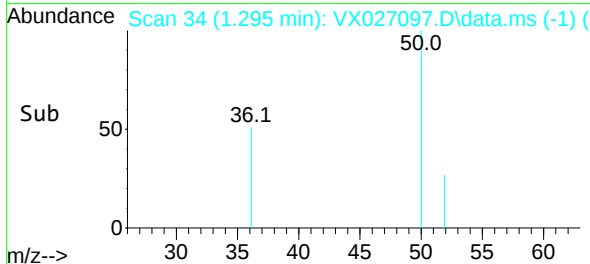
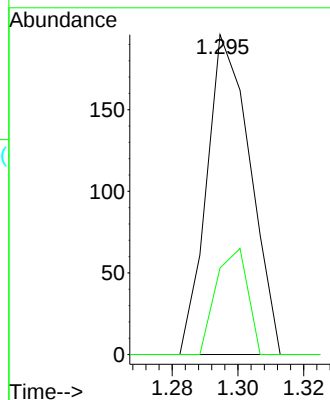
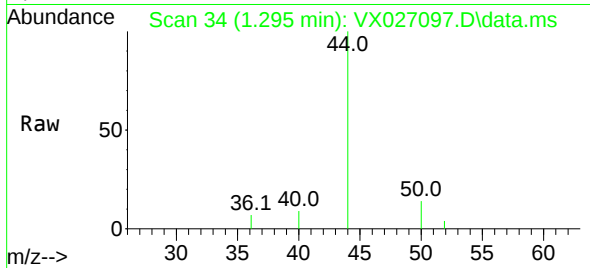




#3
Chloromethane
Concen: 0.229 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX027097.D
Acq: 17 Feb 2022 23:54

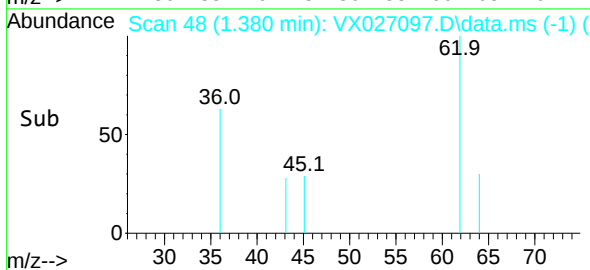
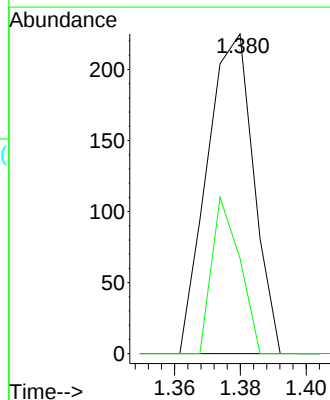
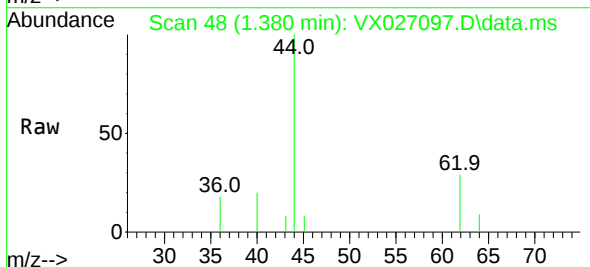
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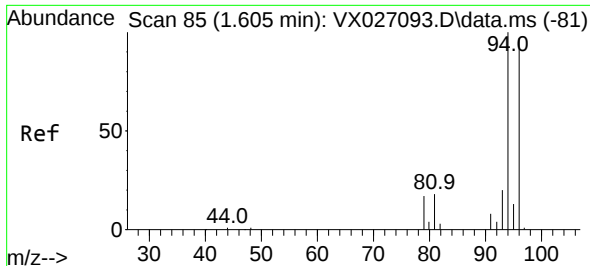
Tgt Ion: 50 Resp: 180
Ion Ratio Lower Upper
50 100
52 27.0 26.3 39.5



#4
Vinyl Chloride
Concen: 0.281 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.006 min
Lab File: VX027097.D
Acq: 17 Feb 2022 23:54

Tgt Ion: 62 Resp: 221
Ion Ratio Lower Upper
62 100
64 29.8 26.1 39.1

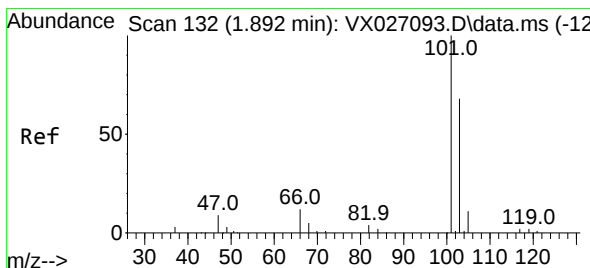
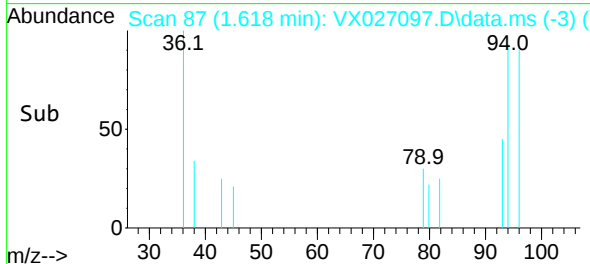
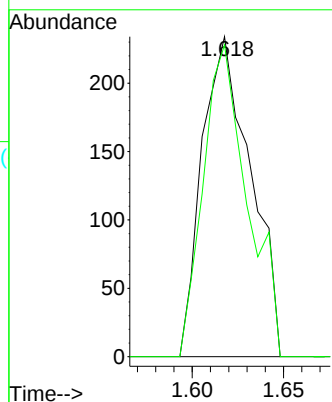
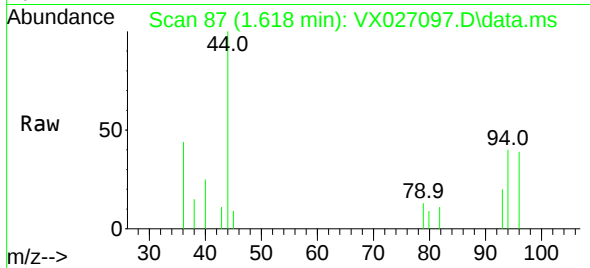




#5
Bromomethane
Concen: 1.126 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.012 min
Lab File: VX027097.D
Acq: 17 Feb 2022 23:54

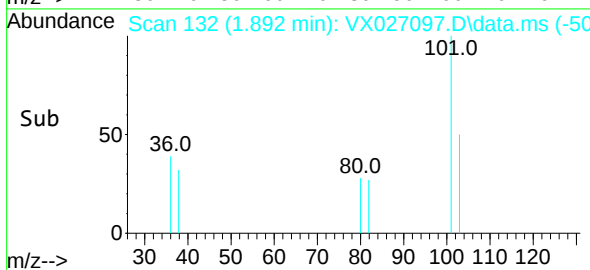
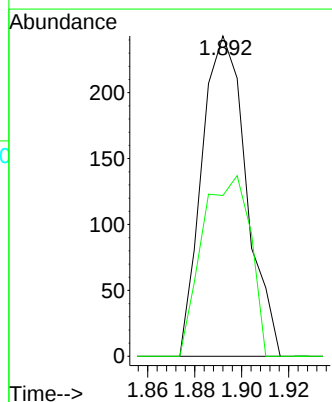
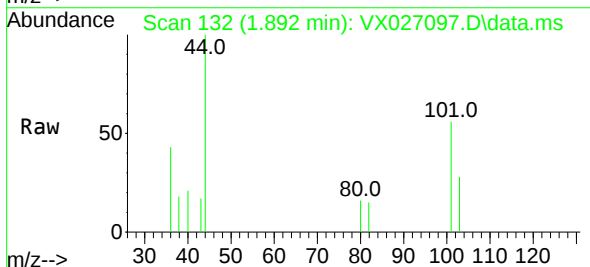
Instrument :
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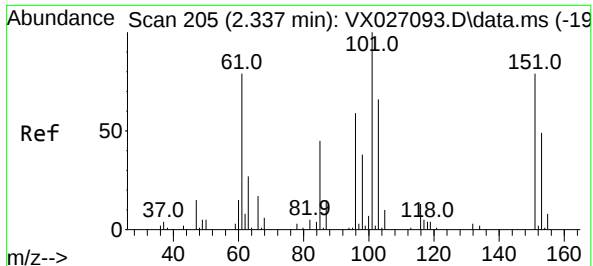
Tgt Ion: 94 Resp: 432
Ion Ratio Lower Upper
94 100
96 97.4 77.9 116.9



#7
Trichlorofluoromethane
Concen: 0.261 ug/l
RT: 1.892 min Scan# 132
Delta R.T. 0.000 min
Lab File: VX027097.D
Acq: 17 Feb 2022 23:54

Tgt Ion: 101 Resp: 320
Ion Ratio Lower Upper
101 100
103 50.2 54.3 81.5#

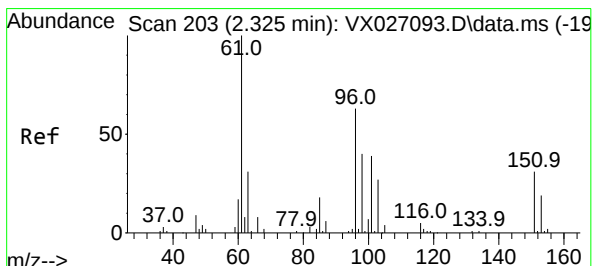
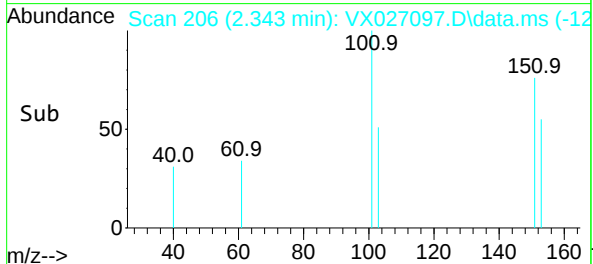
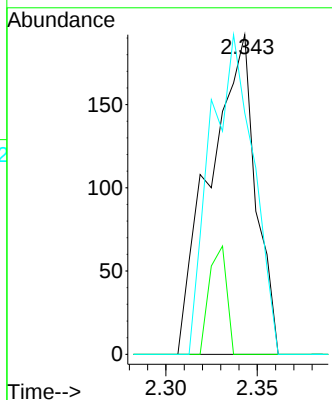
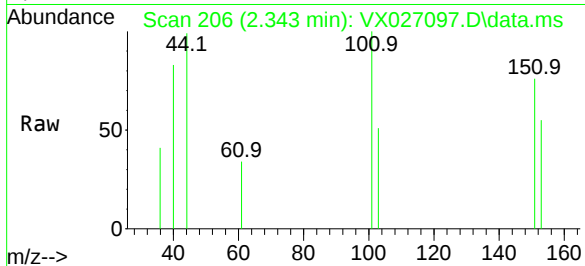




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.391 ug/l
RT: 2.343 min Scan# 206
Delta R.T. 0.006 min
Lab File: VX027097.D
Acq: 17 Feb 2022 23:54

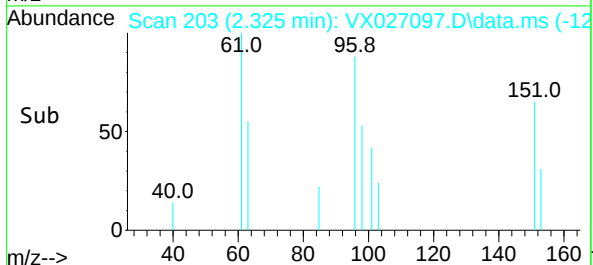
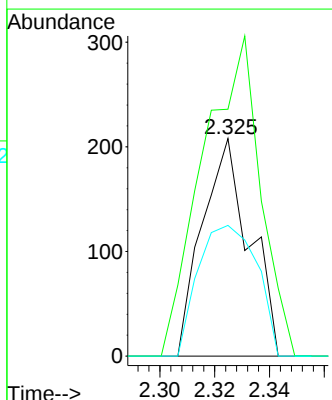
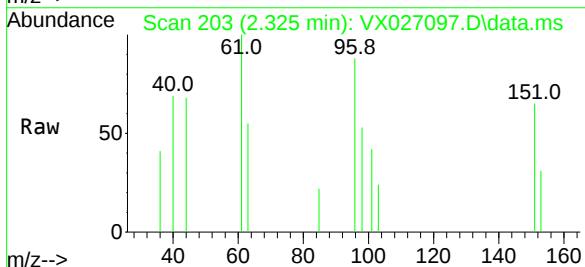
Instrument :
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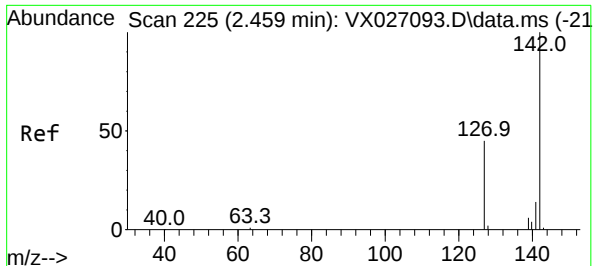
Tgt Ion:101 Resp: 333
Ion Ratio Lower Upper
101 100
85 12.9 0.0 86.6
151 94.3 0.0 158.0



#10
1,1-Dichloroethene
Concen: 0.297 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX027097.D
Acq: 17 Feb 2022 23:54

Tgt Ion: 96 Resp: 249
Ion Ratio Lower Upper
96 100
61 82.2 127.8 191.6#
98 60.1 51.4 77.0





#11

Methyl Iodide

Concen: 0.476 ug/l

RT: 2.465 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX027097.D

Acq: 17 Feb 2022 23:54

Instrument :

MSVOA_X

ClientSampleId :

IBLK

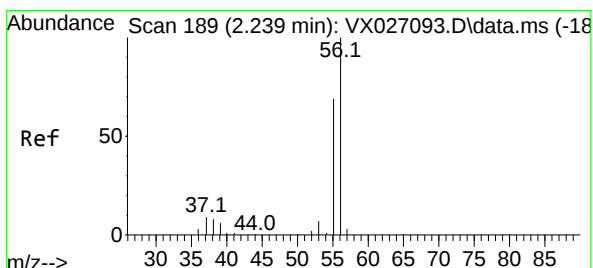
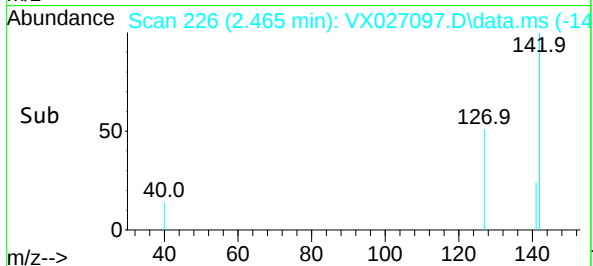
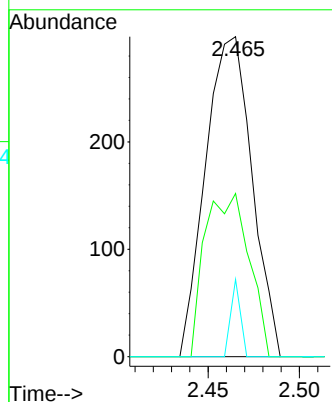
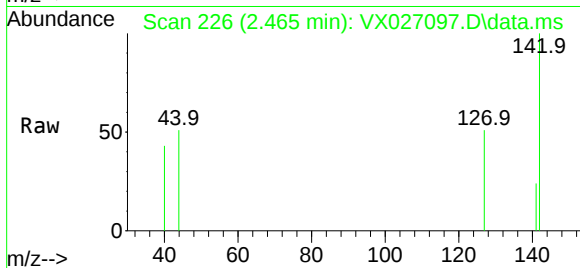
Tgt Ion:142 Resp: 527

Ion Ratio Lower Upper

142 100

127 51.0 22.5 67.5

141 24.2 7.2 21.7#



#13

Acrolein

Concen: 1.465 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX027097.D

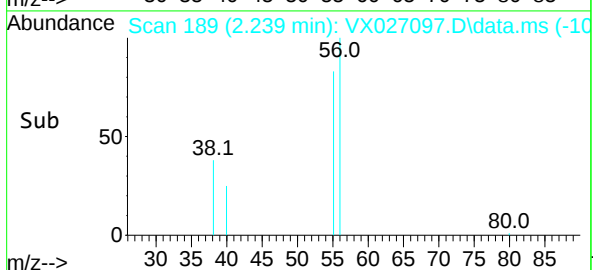
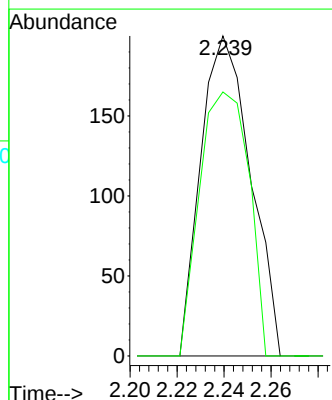
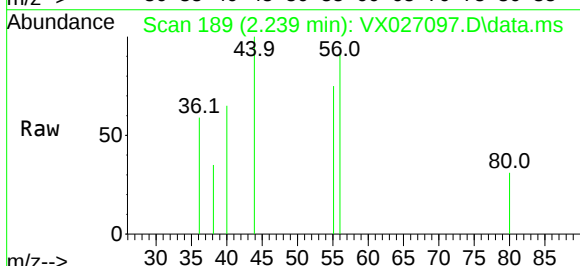
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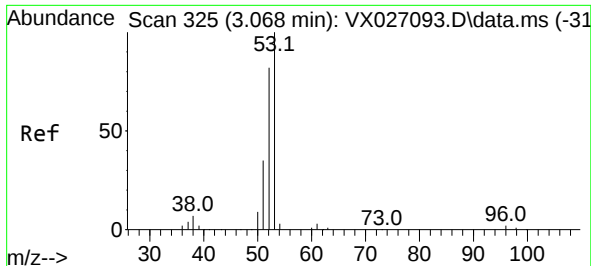
Tgt Ion: 56 Resp: 295

Ion Ratio Lower Upper

56 100

55 81.4 56.0 84.0





#14

Acrylonitrile

Concen: 1.281 ug/l

RT: 3.081 min Scan# 31

Delta R.T. 0.012 min

Lab File: VX027097.D

Acq: 17 Feb 2022 23:54

Instrument :

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ClientSampleId :

IBLK

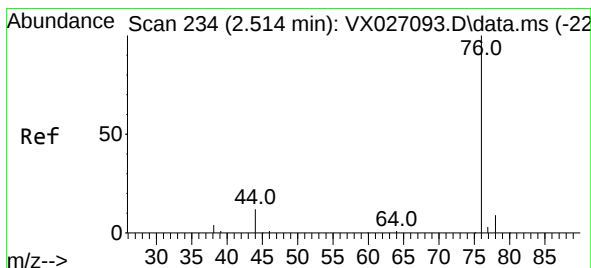
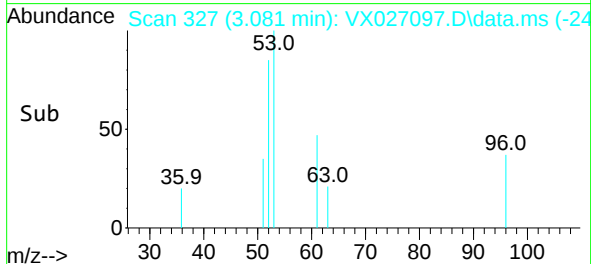
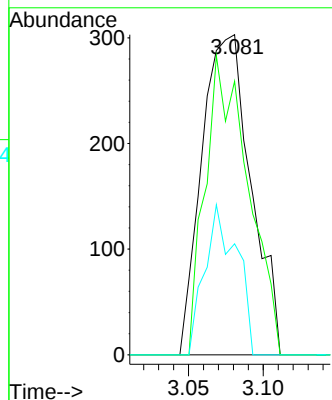
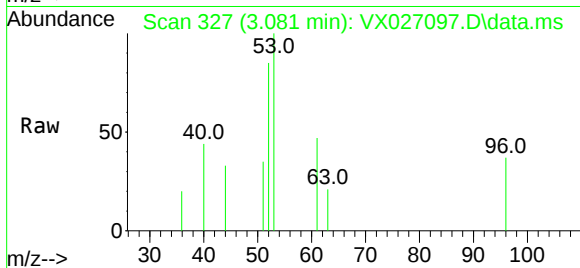
Tgt Ion: 53 Resp: 693

Ion Ratio Lower Upper

53 100

52 81.4 40.9 122.7

51 20.2 17.8 53.4



#16

Carbon Disulfide

Concen: 1.741 ug/l

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX027097.D

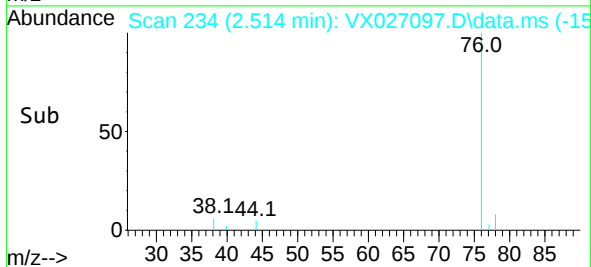
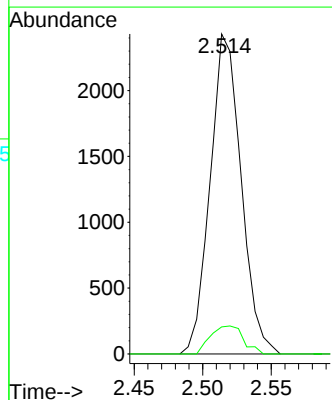
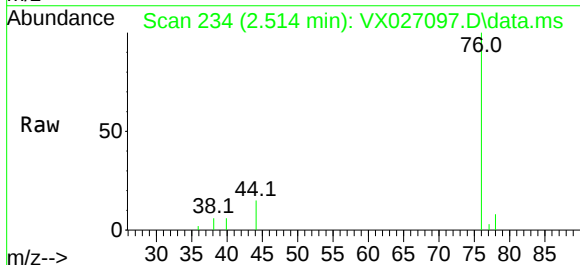
Acq: 17 Feb 2022 23:54

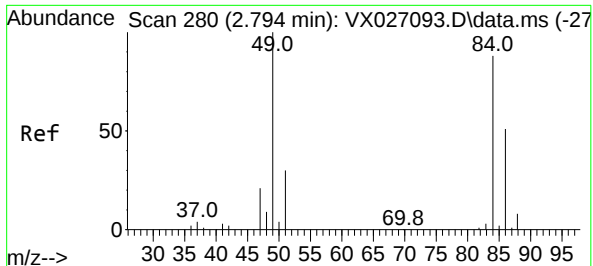
Tgt Ion: 76 Resp: 3820

Ion Ratio Lower Upper

76 100

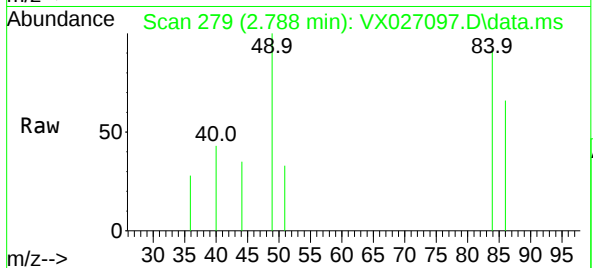
78 8.4 7.5 11.3





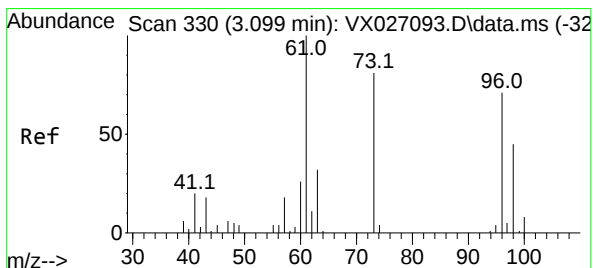
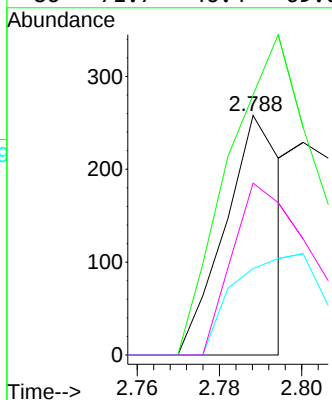
#18
Methylene Chloride
Concen: 0.264 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX027097.D
Acq: 17 Feb 2022 23:54

Instrument :
MSVOA_X
ClientSampleId :
IBLK



Tgt Ion: 84 Resp: 249

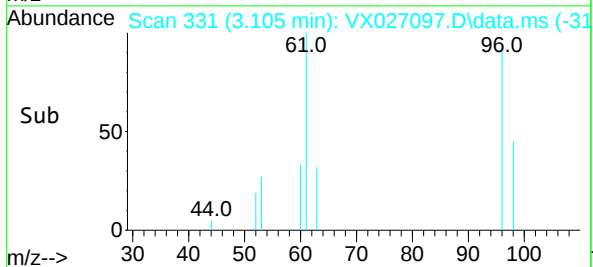
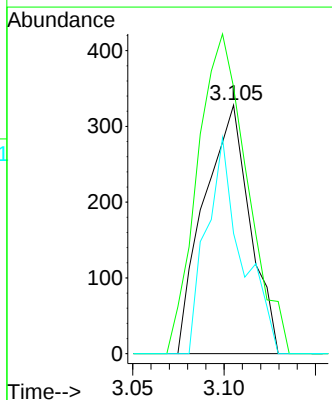
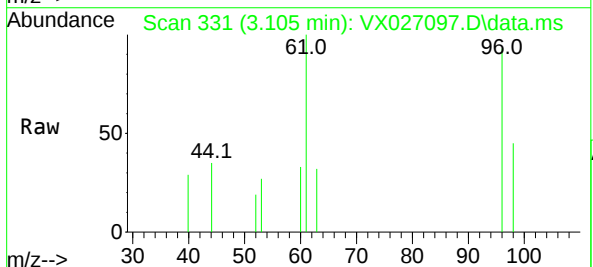
Ion	Ratio	Lower	Upper
84	100		
49	108.5	91.2	136.8
51	36.0	27.6	41.4
86	71.7	46.4	69.6

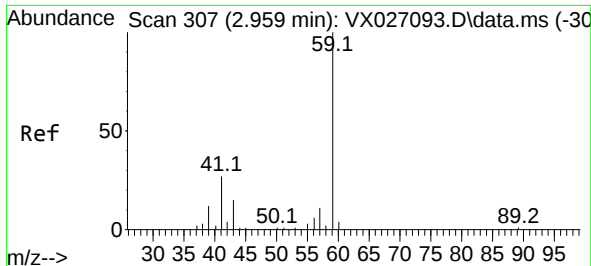


#19
trans-1,2-Dichloroethene
Concen: 0.629 ug/l
RT: 3.105 min Scan# 331
Delta R.T. 0.006 min
Lab File: VX027097.D
Acq: 17 Feb 2022 23:54

Tgt Ion: 96 Resp: 574

Ion	Ratio	Lower	Upper
96	100		
61	88.4	113.2	169.8
98	48.5	51.0	76.6

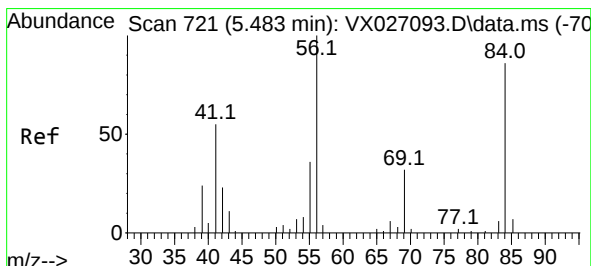
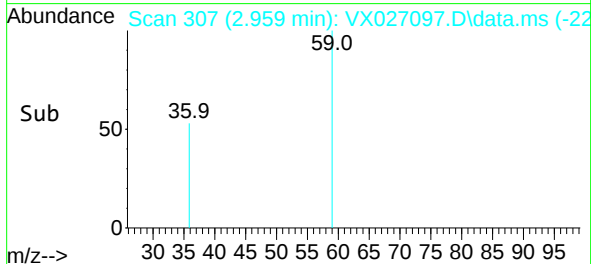
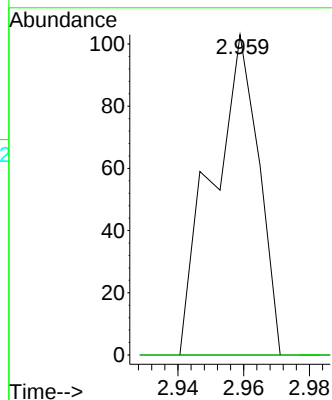
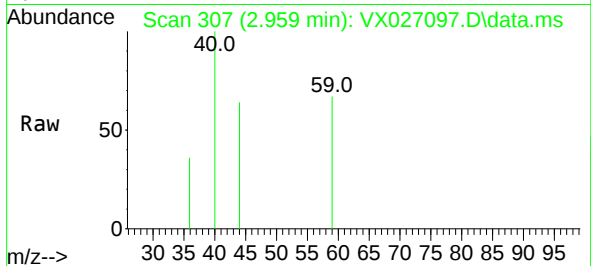




#23
tert-Butyl Alcohol
Concen: 0.477 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.000 min
Lab File: VX027097.D
Acq: 17 Feb 2022 23:54

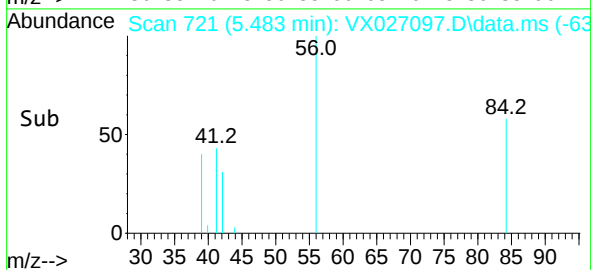
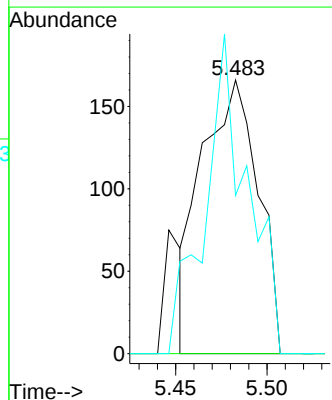
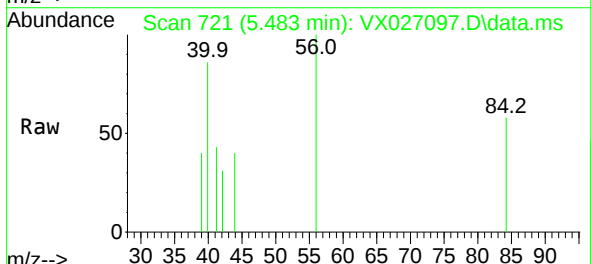
Instrument :
MSVOA_X
ClientSampleId :
IBLK

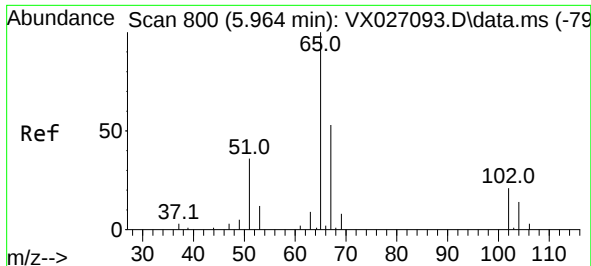
Tgt Ion: 59 Resp: 101
Ion Ratio Lower Upper
59 100
52 558.4 0.0 0.0#



#26
Cyclohexane
Concen: 0.233 ug/l
RT: 5.483 min Scan# 721
Delta R.T. 0.000 min
Lab File: VX027097.D
Acq: 17 Feb 2022 23:54

Tgt Ion: 56 Resp: 357
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 69.5 71.9 107.9#





#27

1,2-Dichloroethane-d4

Concen: 29.865 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX027097.D

Acq: 17 Feb 2022 23:54

Instrument :

MSVOA_X

ClientSampleId :

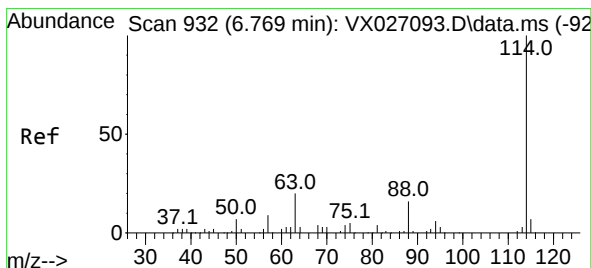
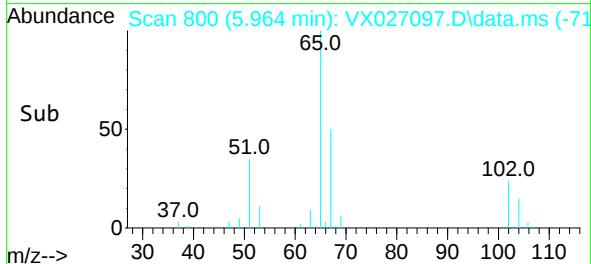
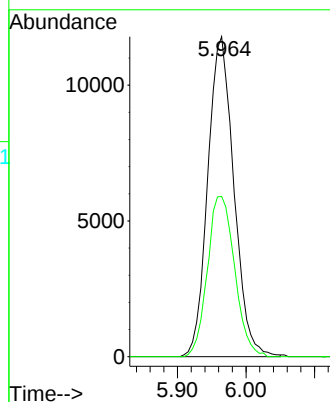
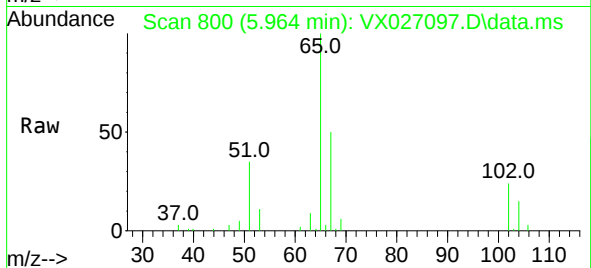
IBLK

Tgt Ion: 65 Resp: 31180

Ion Ratio Lower Upper

65 100

67 52.2 41.4 62.2



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX027097.D

Acq: 17 Feb 2022 23:54

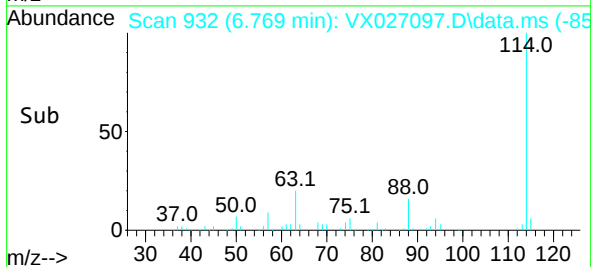
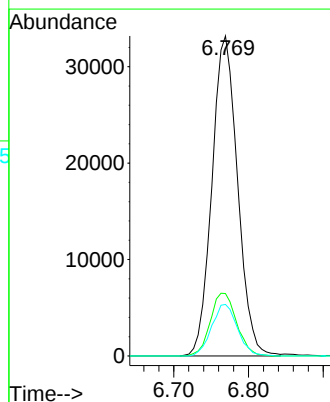
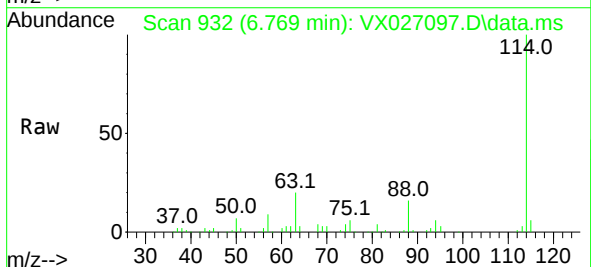
Tgt Ion: 114 Resp: 79189

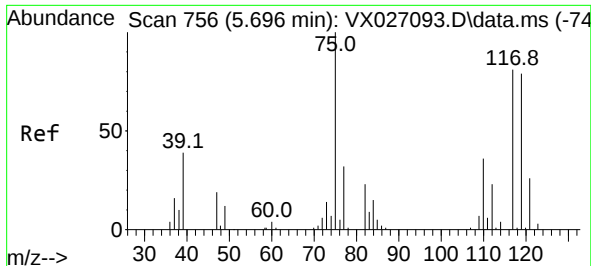
Ion Ratio Lower Upper

114 100

63 20.1 16.2 24.2

88 16.3 12.7 19.1





#29

1,1-Dichloropropene

Concen: 0.260 ug/l

RT: 5.702 min Scan# 71

Delta R.T. 0.006 min

Lab File: VX027097.D

Acq: 17 Feb 2022 23:54

Instrument :

MSVOA_X

ClientSampleId :

IBLK

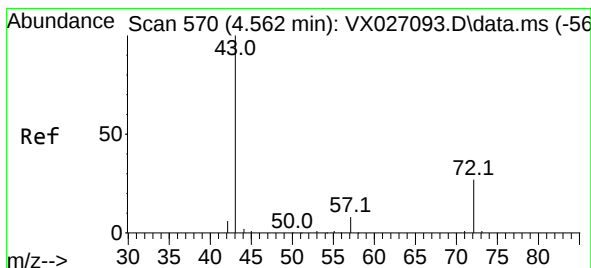
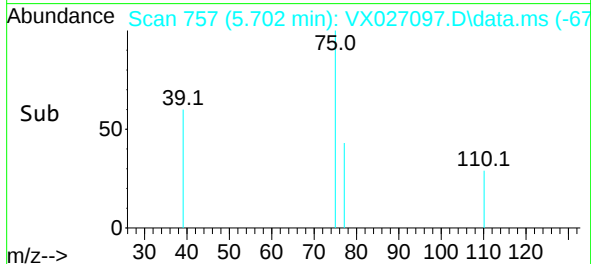
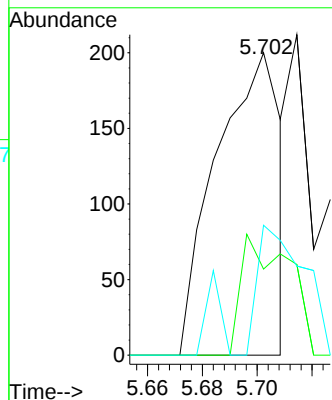
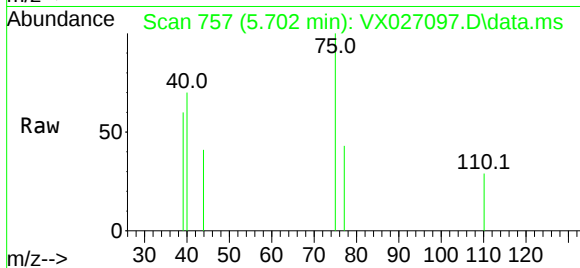
Tgt Ion: 75 Resp: 327

Ion Ratio Lower Upper

75 100

110 14.1 0.0 72.6

77 30.9 0.0 62.4



#30

2-Butanone

Concen: 0.250 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.006 min

Lab File: VX027097.D

Acq: 17 Feb 2022 23:54

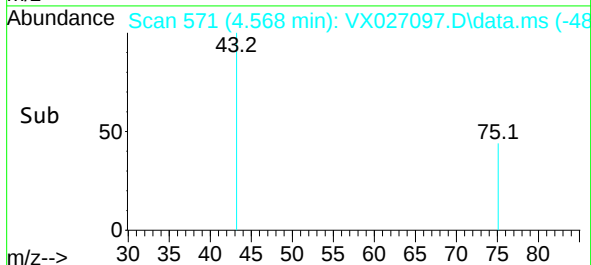
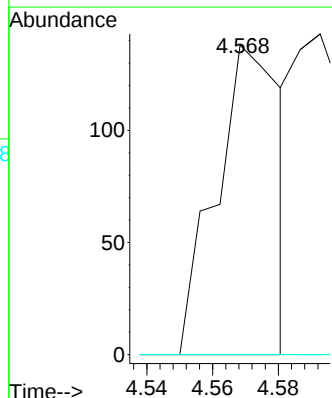
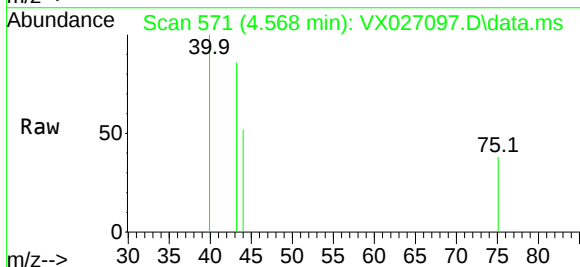
Tgt Ion: 43 Resp: 189

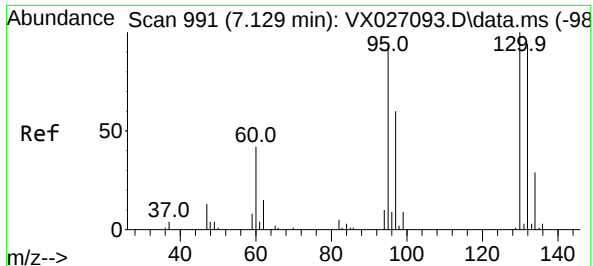
Ion Ratio Lower Upper

43 100

57 0.0 6.6 9.8#

72 0.0 21.0 31.6#





#37

Trichloroethene

Concen: 0.377 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX027097.D

Acq: 17 Feb 2022 23:54

Instrument :

MSVOA_X

ClientSampleId :

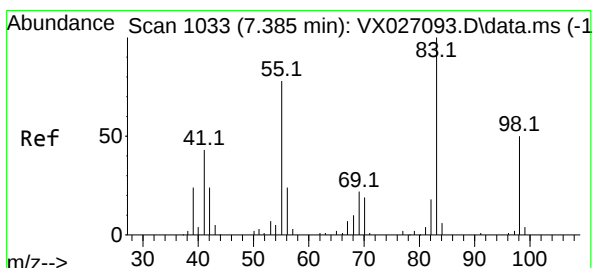
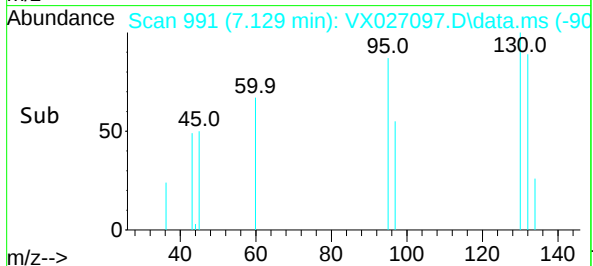
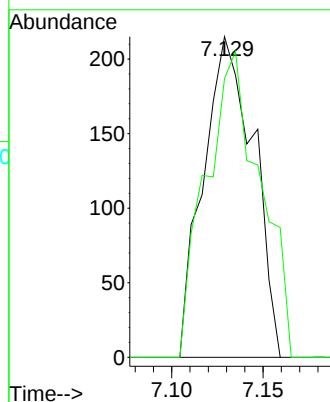
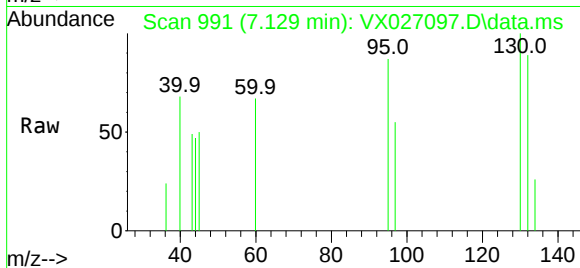
IBLK

Tgt Ion:130 Resp: 410

Ion Ratio Lower Upper

130 100

95 87.0 74.7 112.1



#38

Methylcyclohexane

Concen: 0.393 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX027097.D

Acq: 17 Feb 2022 23:54

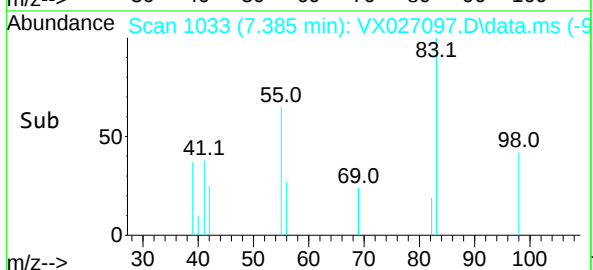
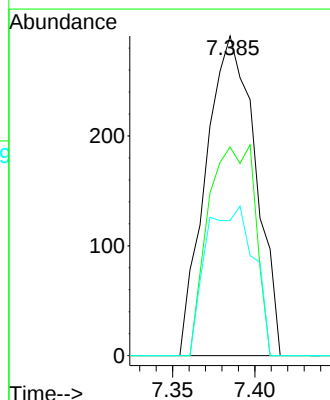
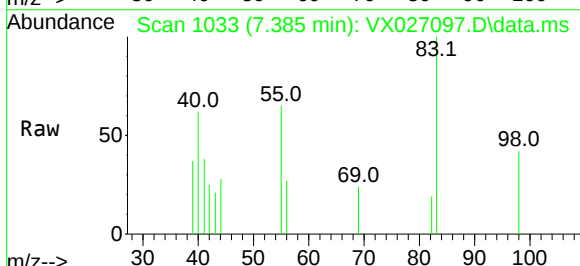
Tgt Ion: 83 Resp: 609

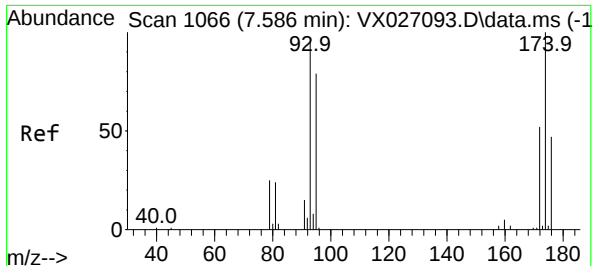
Ion Ratio Lower Upper

83 100

55 45.8 37.6 112.9

98 19.0 24.6 73.6#

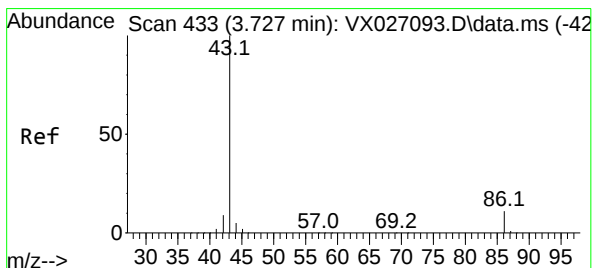
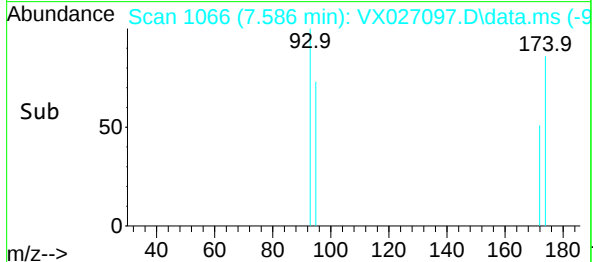
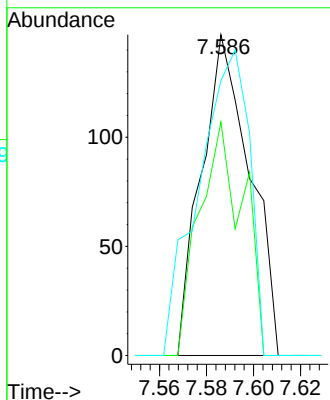
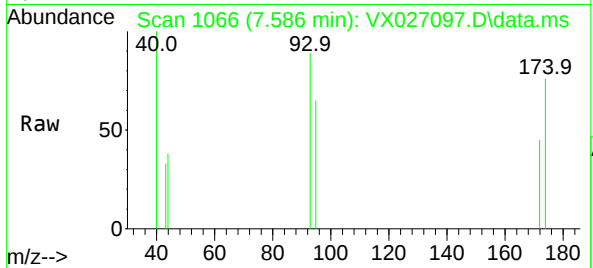




#40
Dibromomethane
Concen: 0.316 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VX027097.D
Acq: 17 Feb 2022 23:54

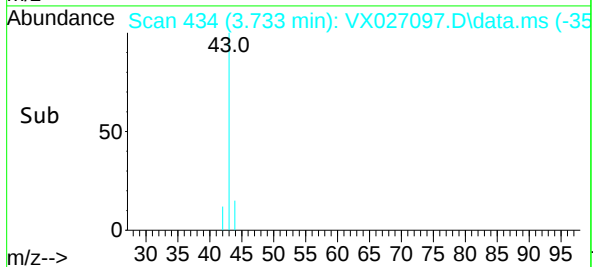
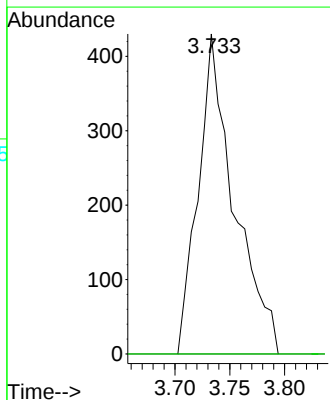
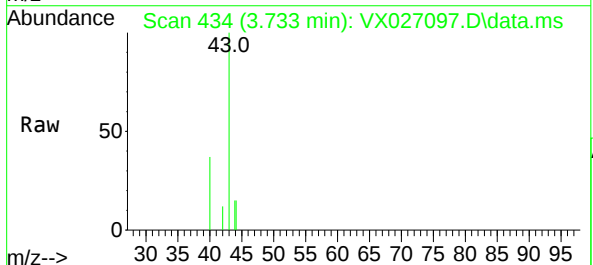
Instrument :
MSVOA_X
ClientSampleId :
IBLK

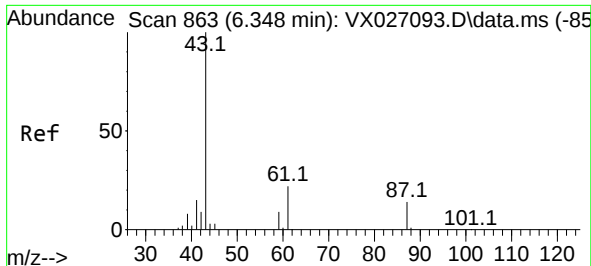
Tgt Ion: 93	Resp:	211	
Ion	Ratio	Lower	Upper
93	100		
95	65.9	0.0	166.2
174	99.5	0.0	205.8



#42
Vinyl Acetate
Concen: 0.382 ug/l
RT: 3.733 min Scan# 434
Delta R.T. 0.006 min
Lab File: VX027097.D
Acq: 17 Feb 2022 23:54

Tgt Ion: 43	Resp:	979	
Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.8	11.6#

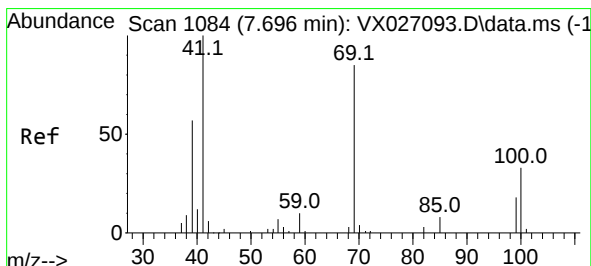
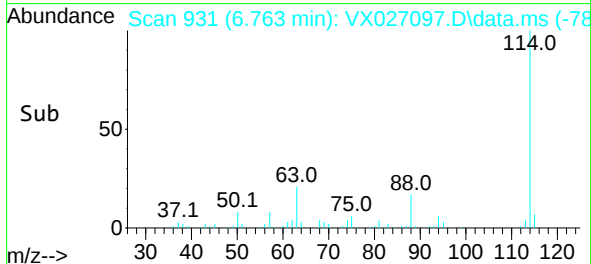
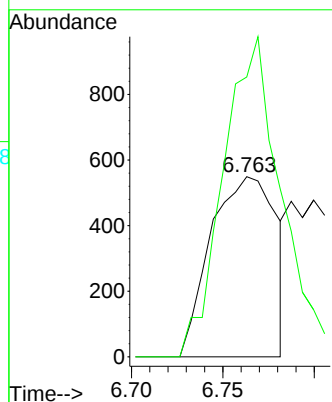
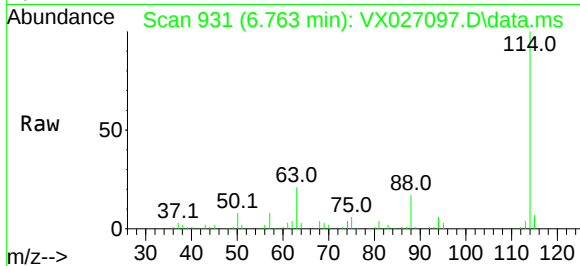




#44
Isopropyl Acetate
Concen: 0.610 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.415 min
Lab File: VX027097.D
Acq: 17 Feb 2022 23:54

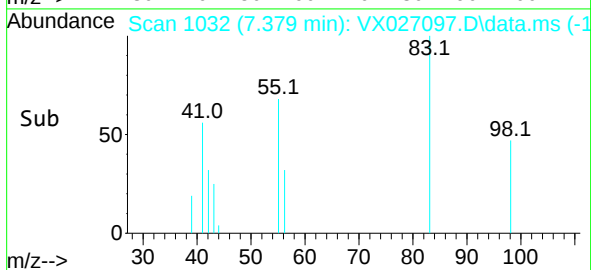
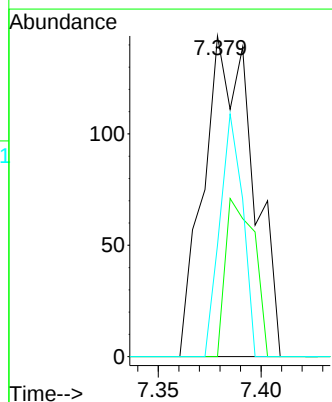
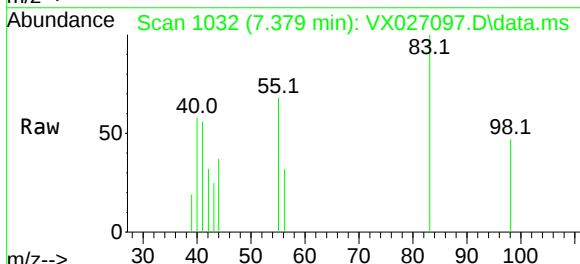
Instrument :
MSVOA_X
ClientSampleId :
IBLK

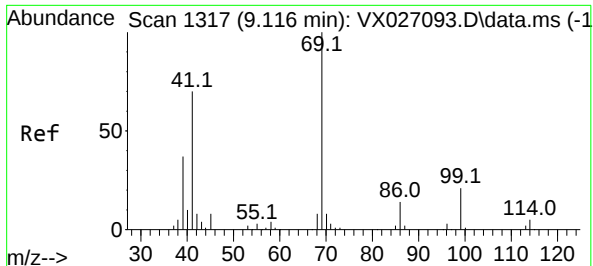
Tgt Ion: 43 Resp: 1363
Ion Ratio Lower Upper
43 100
61 156.7 16.4 24.6#



#46
Methyl methacrylate
Concen: 0.219 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.317 min
Lab File: VX027097.D
Acq: 17 Feb 2022 23:54

Tgt Ion: 41 Resp: 240
Ion Ratio Lower Upper
41 100
69 0.0 42.6 127.8#
39 34.7 28.4 85.3

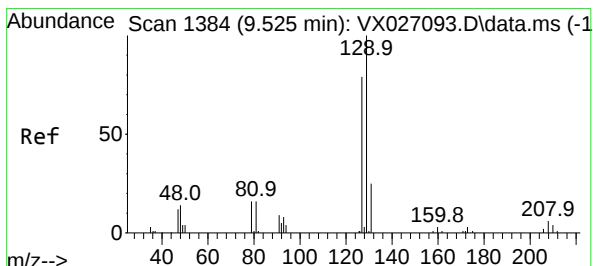
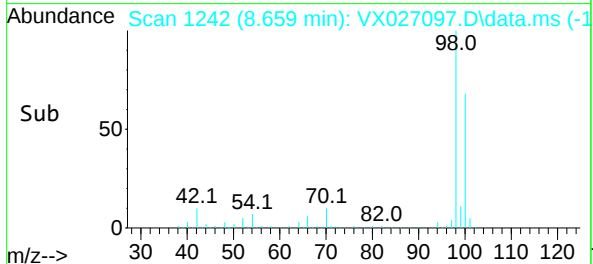
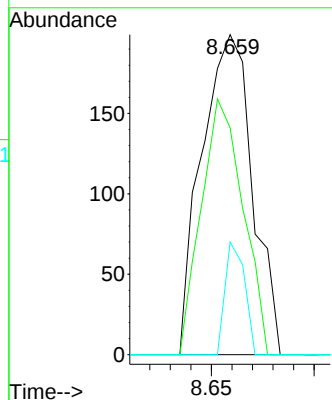
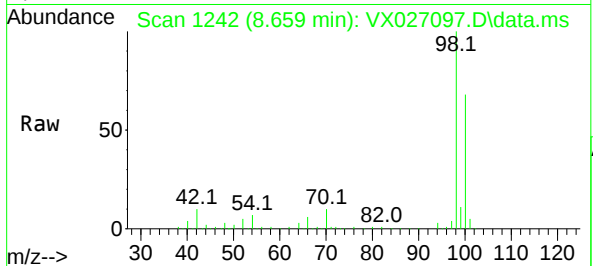




#51
Ethyl methacrylate
Concen: 0.234 ug/l
RT: 8.659 min Scan# 11
Delta R.T. -0.457 min
Lab File: VX027097.D
Acq: 17 Feb 2022 23:54

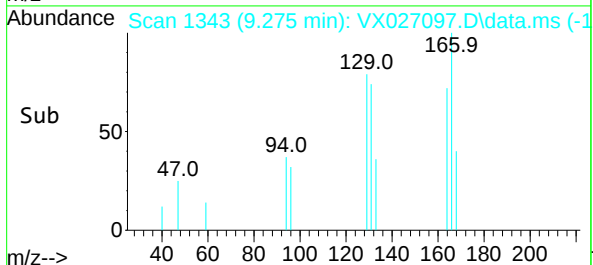
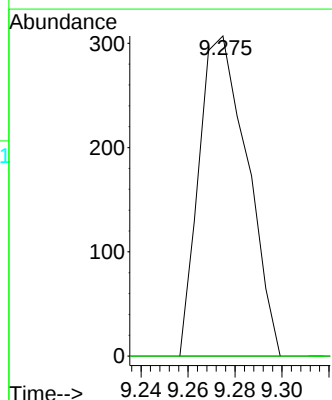
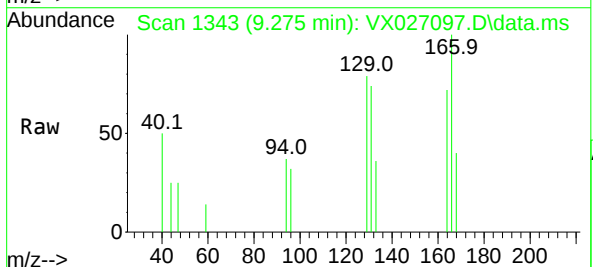
Instrument :
MSVOA_X
ClientSampleId :
IBLK

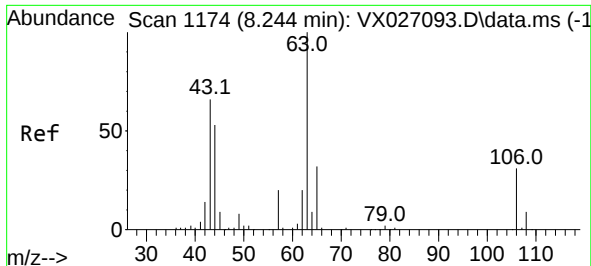
Tgt Ion: 69 Resp: 342
Ion Ratio Lower Upper
69 100
41 70.9 34.8 104.3
39 35.2 18.5 55.5



#53
Dibromochloromethane
Concen: 0.460 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX027097.D
Acq: 17 Feb 2022 23:54

Tgt Ion: 129 Resp: 438
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

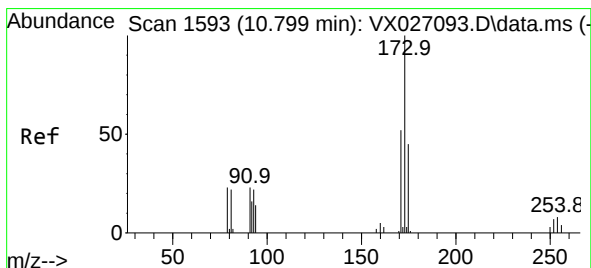
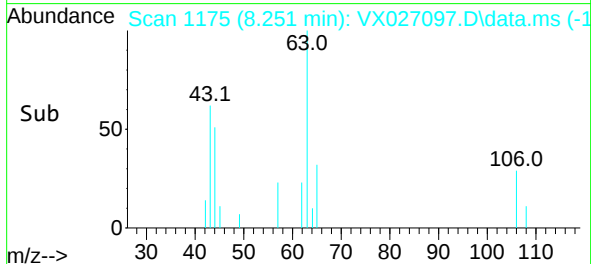
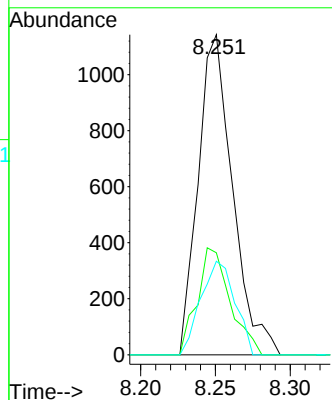
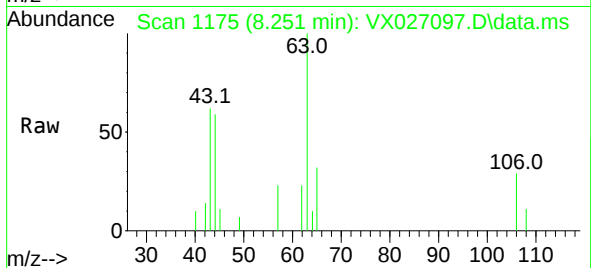




#55
2-Chloroethyl vinyl ether
Concen: 2.565 ug/l
RT: 8.251 min Scan# 1175
Delta R.T. 0.006 min
Lab File: VX027097.D
Acq: 17 Feb 2022 23:54

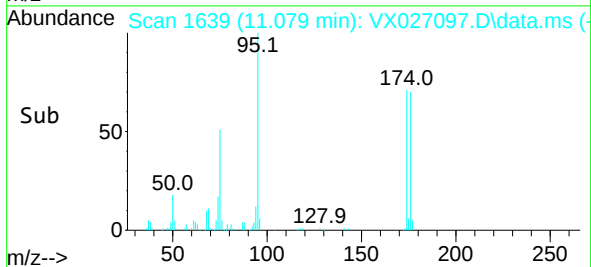
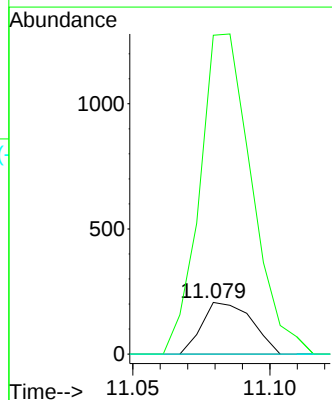
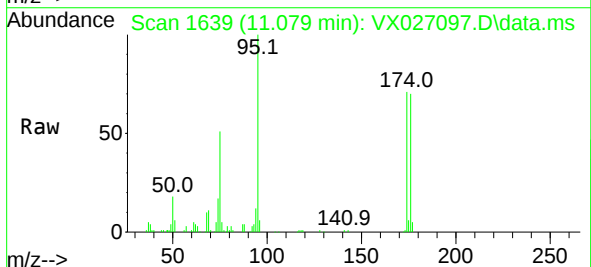
Instrument :
MSVOA_X
ClientSampleId :
IBLK

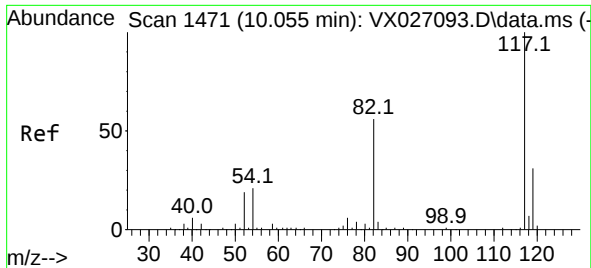
Tgt Ion: 63	Resp:	1831
Ion	Ratio	Lower Upper
63	100	
65	31.9	25.9 38.9
106	28.9	24.2 36.4



#56
Bromoform
Concen: 0.395 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.281 min
Lab File: VX027097.D
Acq: 17 Feb 2022 23:54

Tgt Ion: 173	Resp:	262
Ion	Ratio	Lower Upper
173	100	
175	643.9	38.5 57.7#
254	0.0	7.0 10.6#

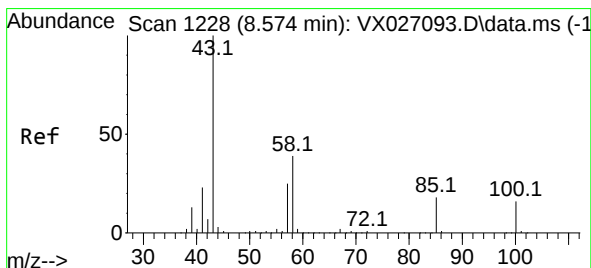
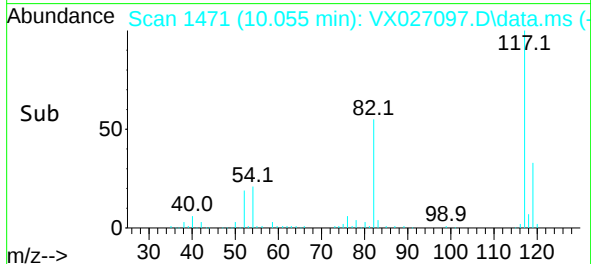
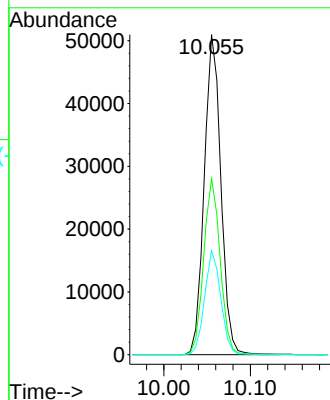
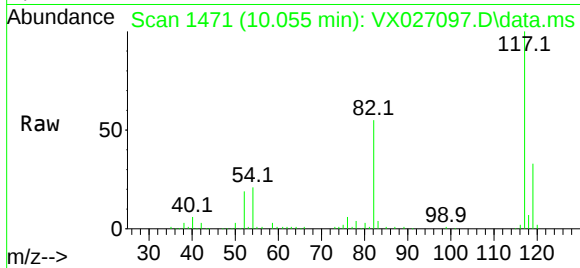




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027097.D
Acq: 17 Feb 2022 23:54

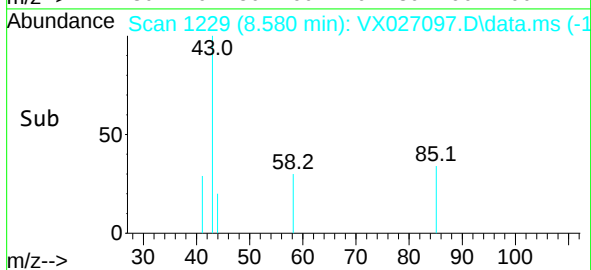
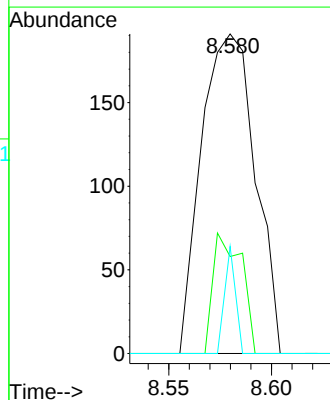
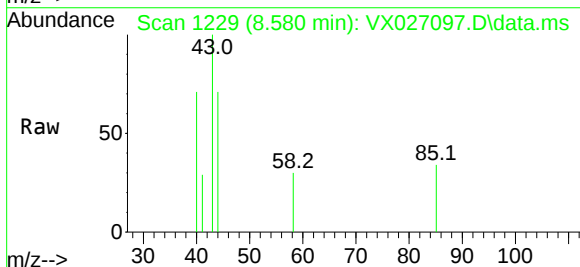
Instrument :
MSVOA_X
ClientSampleId :
IBLK

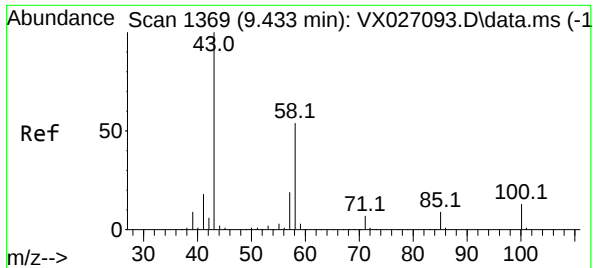
Tgt Ion:117 Resp: 68101
Ion Ratio Lower Upper
117 100
82 54.2 44.1 66.1
119 31.5 25.4 38.0



#58
4-Methyl-2-Pentanone
Concen: 0.248 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX027097.D
Acq: 17 Feb 2022 23:54

Tgt Ion: 43 Resp: 348
Ion Ratio Lower Upper
43 100
58 19.8 31.2 46.8#
85 0.0 14.8 22.2#

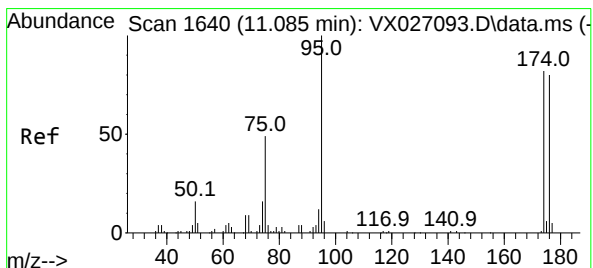
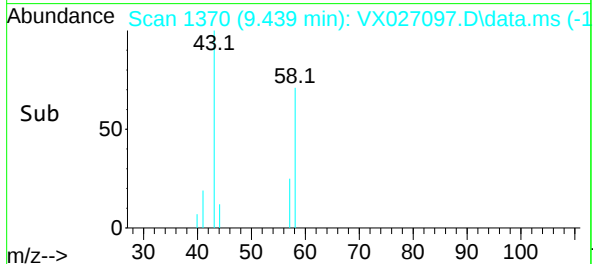
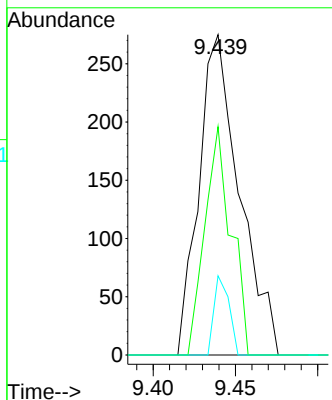
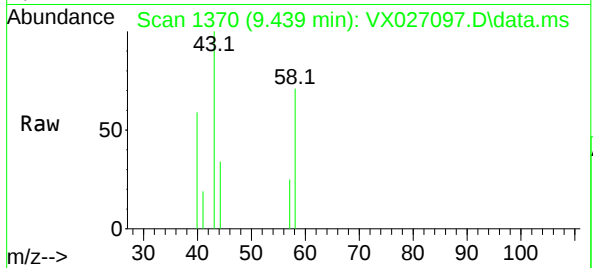




#59
2-Hexanone
Concen: 0.444 ug/l
RT: 9.439 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX027097.D
Acq: 17 Feb 2022 23:54

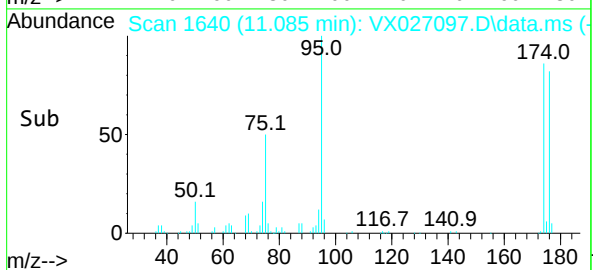
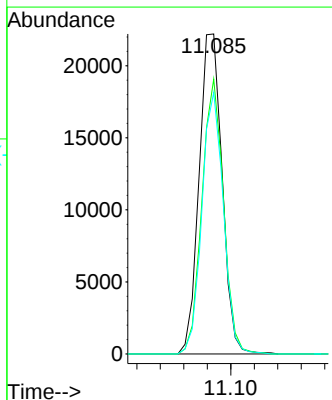
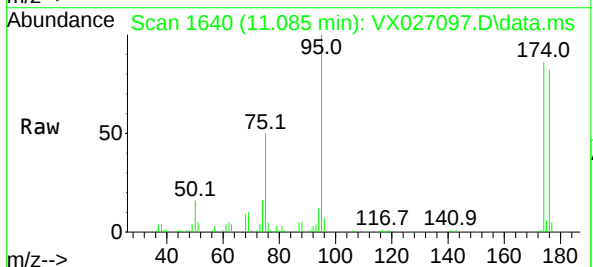
Instrument :
MSVOA_X
ClientSampleId :
IBLK

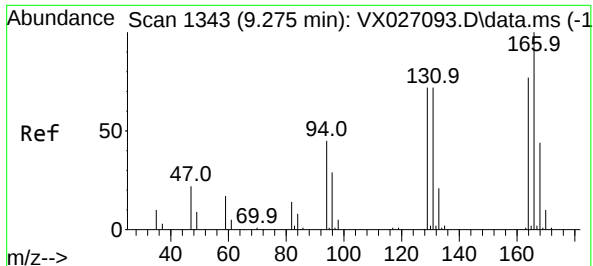
Tgt Ion: 43 Resp: 472
Ion Ratio Lower Upper
43 100
58 46.0 43.4 65.2
57 9.1 15.4 23.2#



#60
4-Bromofluorobenzene
Concen: 27.308 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX027097.D
Acq: 17 Feb 2022 23:54

Tgt Ion: 95 Resp: 30241
Ion Ratio Lower Upper
95 100
174 80.3 61.8 92.8
176 76.3 59.4 89.2

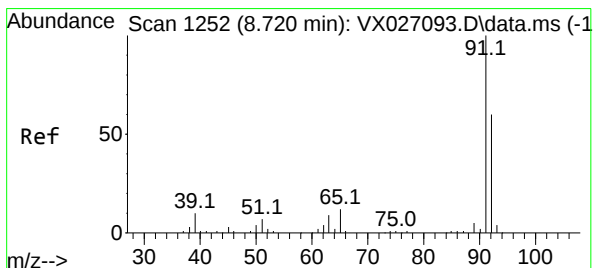
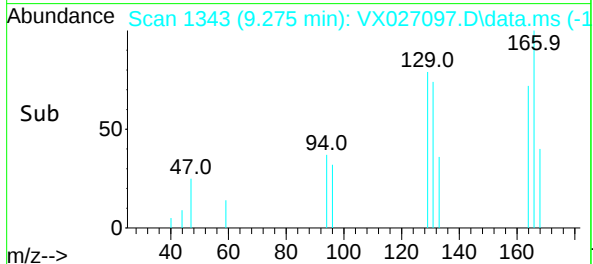
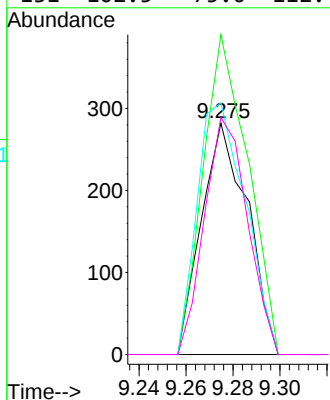
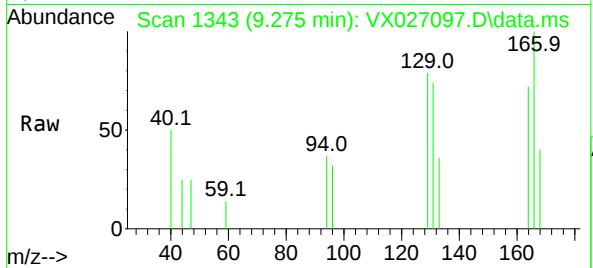




#61
Tetrachloroethene
Concen: 0.348 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027097.D
Acq: 17 Feb 2022 23:54

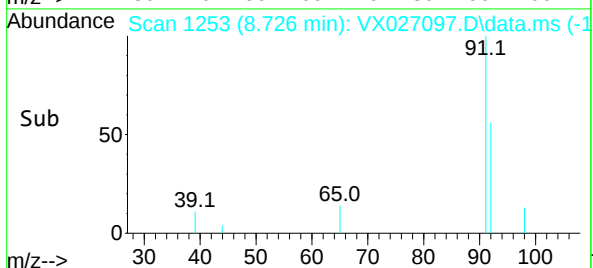
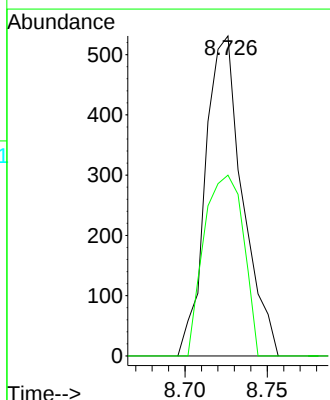
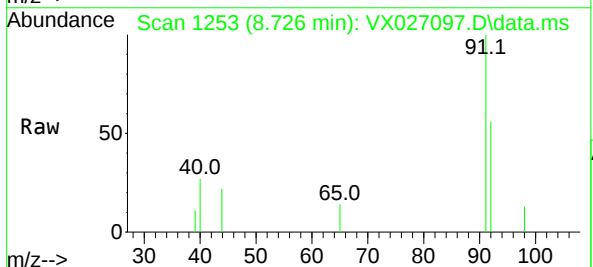
Instrument :
MSVOA_X
ClientSampleId :
IBLK

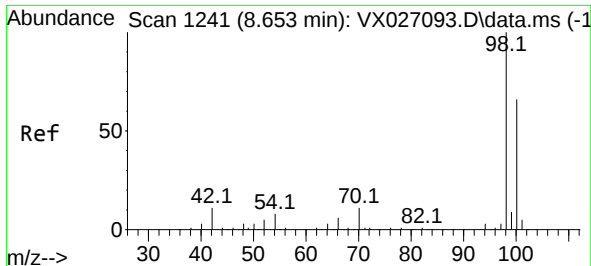
Tgt Ion:164 Resp: 382
Ion Ratio Lower Upper
164 100
166 138.3 104.6 156.8
129 108.9 75.6 113.4
131 102.5 75.0 112.4



#62
Toluene
Concen: 0.216 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX027097.D
Acq: 17 Feb 2022 23:54

Tgt Ion: 91 Resp: 832
Ion Ratio Lower Upper
91 100
92 60.2 47.0 70.6

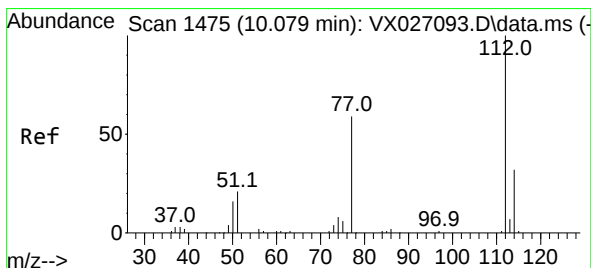
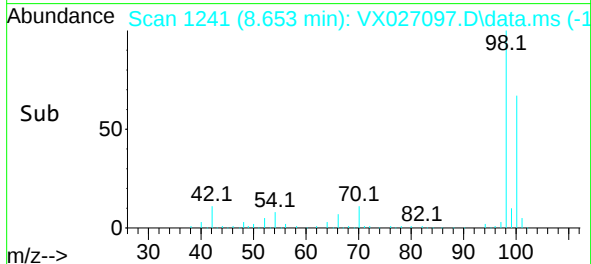
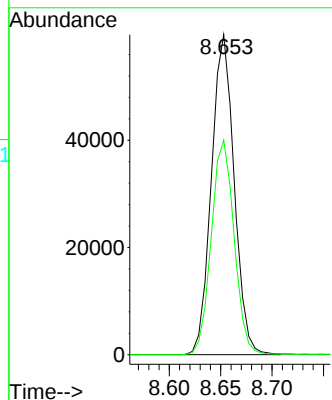
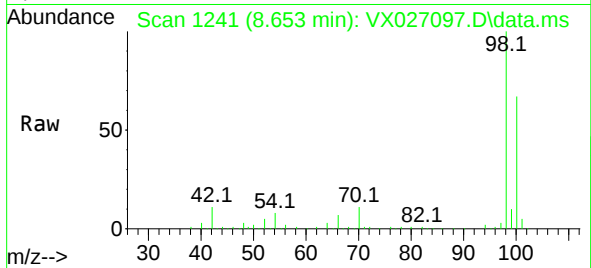




#63
Toluene-d8
Concen: 30.047 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027097.D
Acq: 17 Feb 2022 23:54

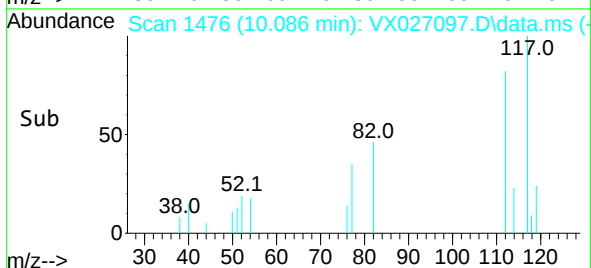
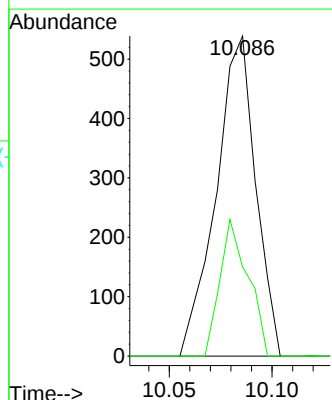
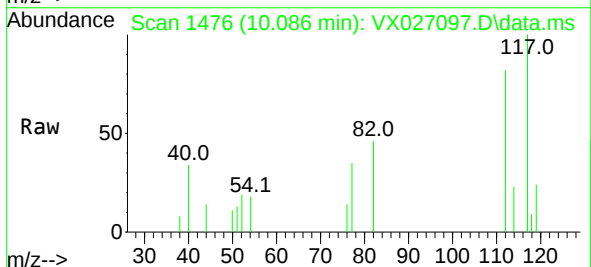
Instrument :
MSVOA_X
ClientSampleId :
IBLK

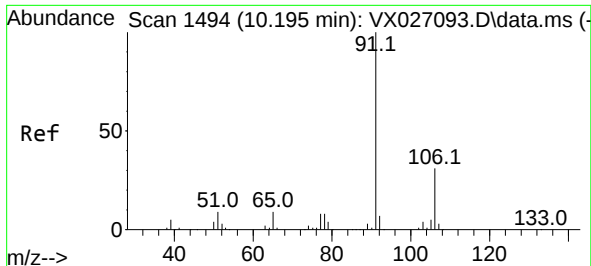
Tgt Ion: 98 Resp: 91742
Ion Ratio Lower Upper
98 100
100 67.3 52.6 78.8



#64
Chlorobenzene
Concen: 0.302 ug/l
RT: 10.086 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VX027097.D
Acq: 17 Feb 2022 23:54

Tgt Ion: 112 Resp: 722
Ion Ratio Lower Upper
112 100
114 27.8 25.7 38.5

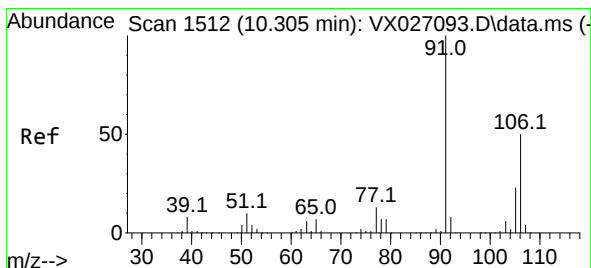
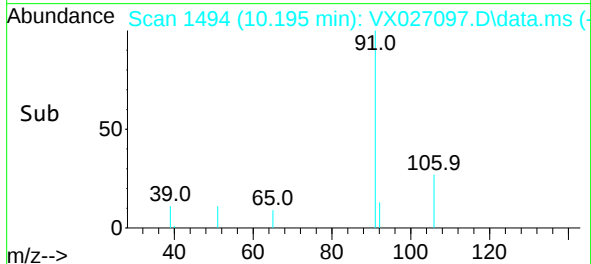
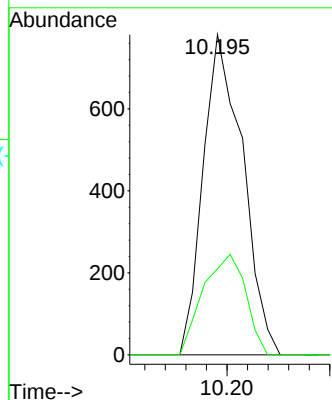
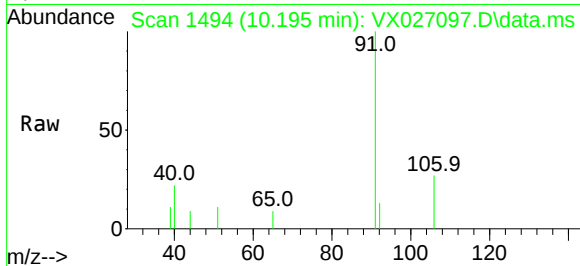




#66
Ethyl Benzene
Concen: 0.246 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX027097.D
Acq: 17 Feb 2022 23:54

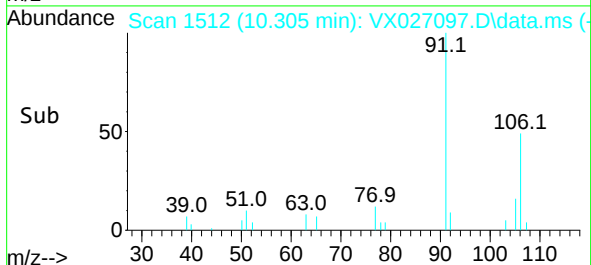
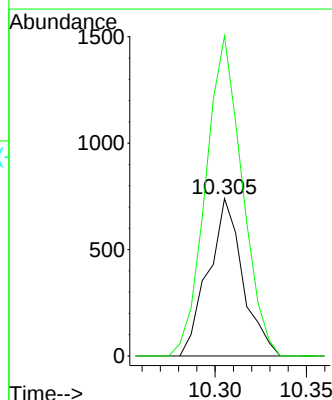
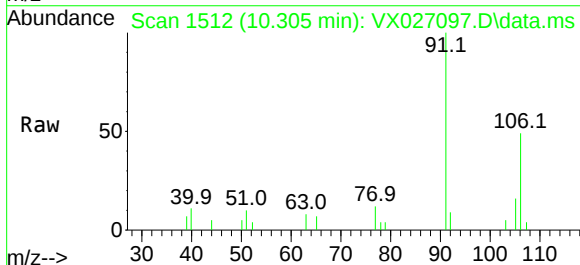
Instrument :
MSVOA_X
ClientSampleId :
IBLK

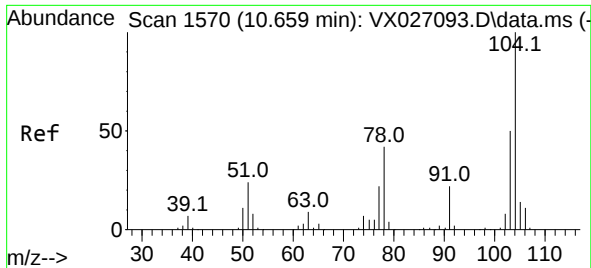
Tgt Ion: 91 Resp: 1043
Ion Ratio Lower Upper
91 100
106 26.9 25.0 37.4



#67
m/p-Xylenes
Concen: 0.593 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX027097.D
Acq: 17 Feb 2022 23:54

Tgt Ion: 106 Resp: 973
Ion Ratio Lower Upper
106 100
91 214.2 162.4 243.6

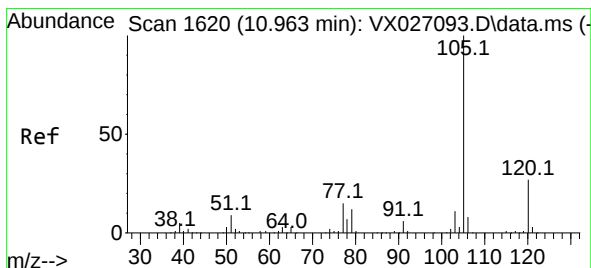
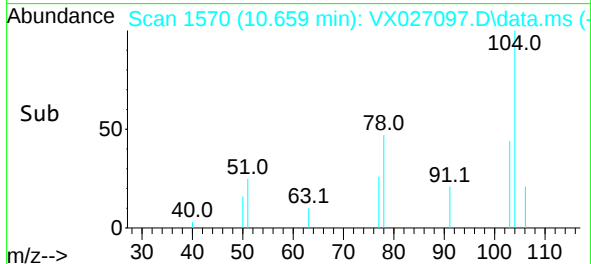
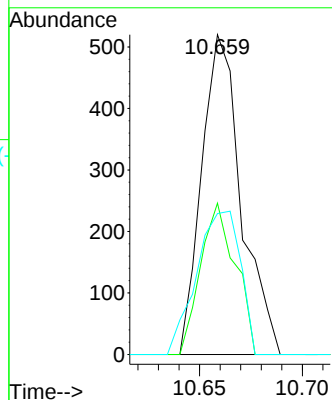
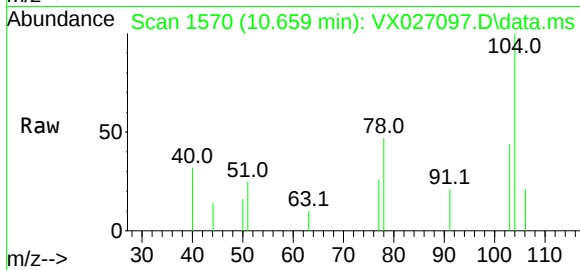




#69
Styrene
Concen: 0.260 ug/l
RT: 10.659 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027097.D
Acq: 17 Feb 2022 23:54

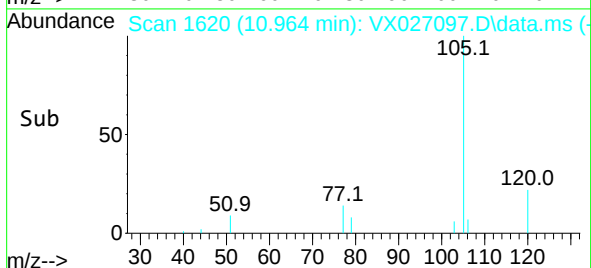
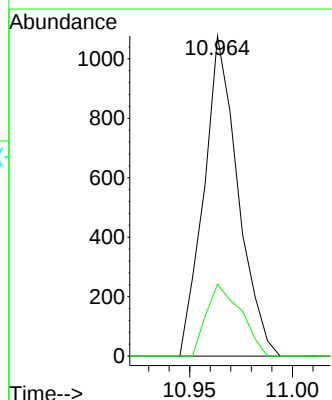
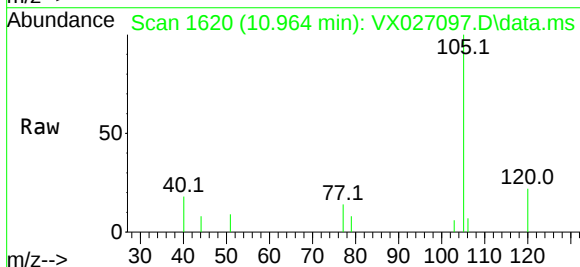
Instrument :
MSVOA_X
ClientSampleId :
IBLK

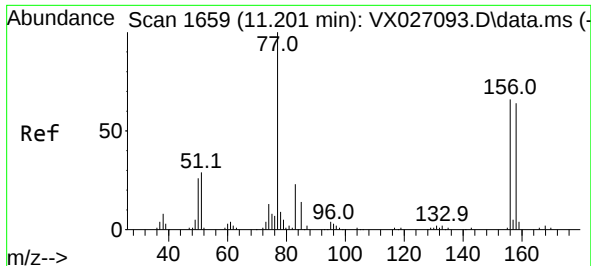
Tgt Ion:104 Resp: 695
Ion Ratio Lower Upper
104 100
78 41.7 40.0 60.0
103 49.8 43.6 65.4



#70
Isopropylbenzene
Concen: 0.298 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX027097.D
Acq: 17 Feb 2022 23:54

Tgt Ion:105 Resp: 1243
Ion Ratio Lower Upper
105 100
120 22.7 18.7 34.7

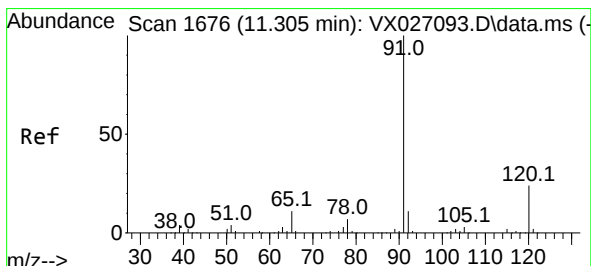
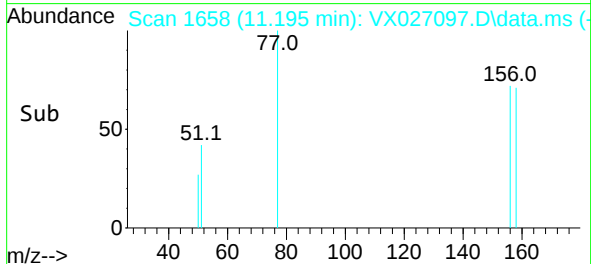
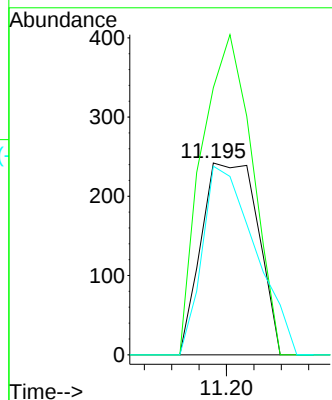
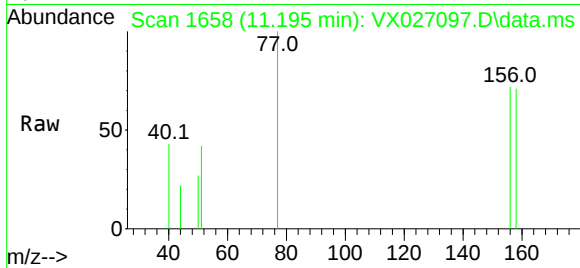




#73
Bromobenzene
Concen: 0.340 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VX027097.D
Acq: 17 Feb 2022 23:54

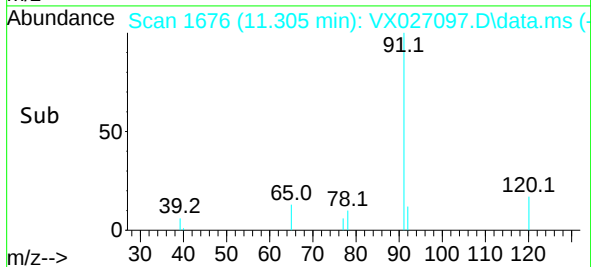
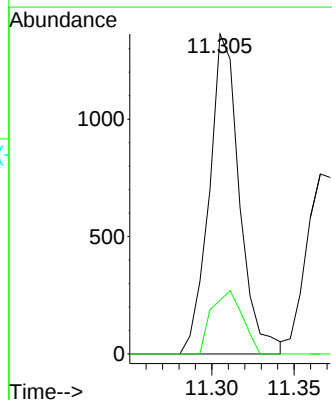
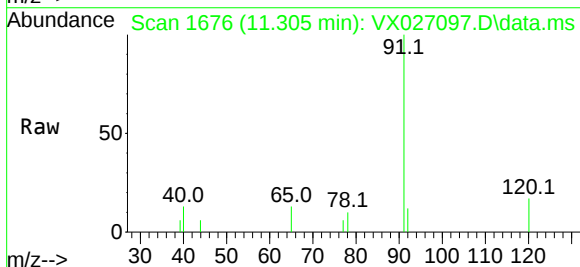
Instrument :
MSVOA_X
ClientSampleId :
IBLK

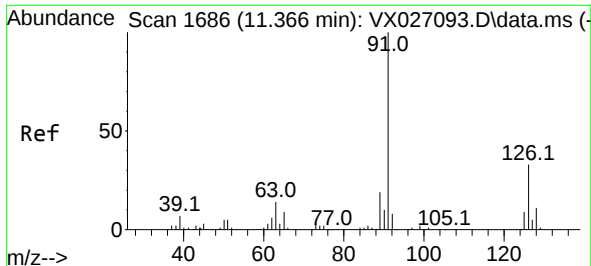
Tgt Ion:	156	Resp:	348
Ion	Ratio	Lower	Upper
156	100		
77	148.3	0.0	318.0
158	92.0	0.0	191.8



#74
n-propylbenzene
Concen: 0.366 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX027097.D
Acq: 17 Feb 2022 23:54

Tgt Ion:	91	Resp:	1748
Ion	Ratio	Lower	Upper
91	100		
120	20.0	0.0	46.4

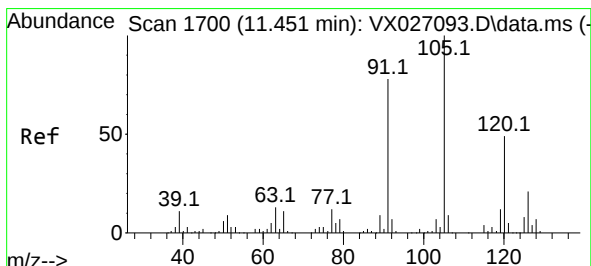
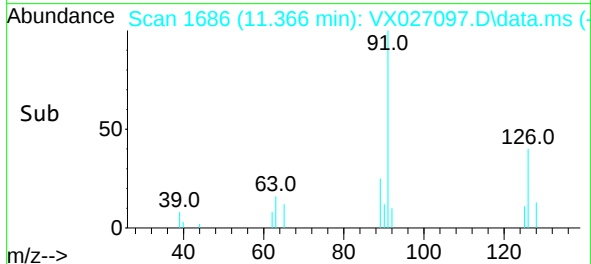
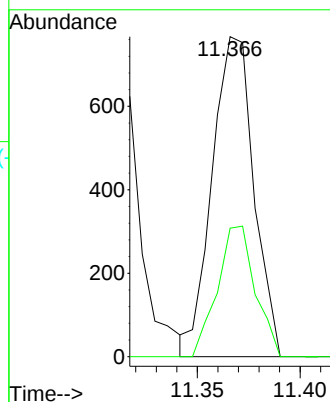
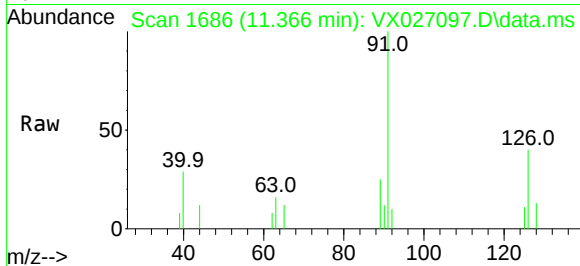




#75
2-Chlorotoluene
Concen: 0.366 ug/l
RT: 11.366 min Scan# 1108
Delta R.T. 0.000 min
Lab File: VX027097.D
Acq: 17 Feb 2022 23:54

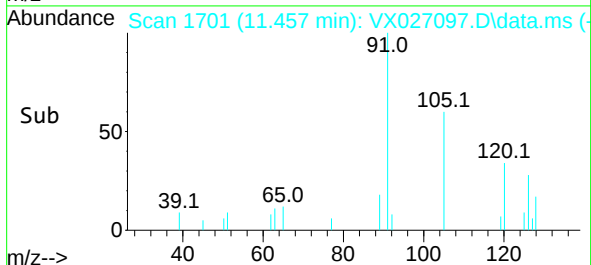
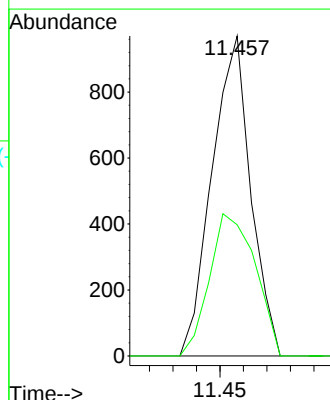
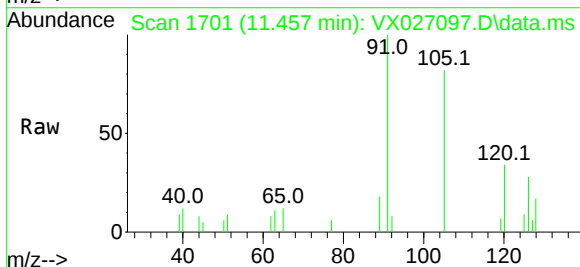
Instrument :
MSVOA_X
ClientSampleId :
IBLK

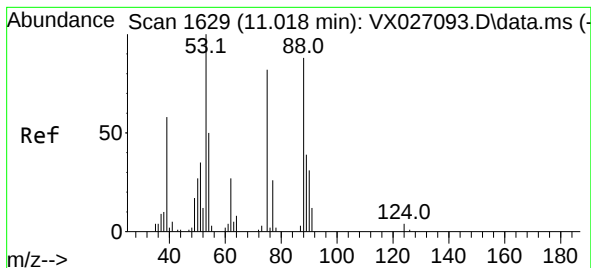
Tgt Ion: 91 Resp: 1081
Ion Ratio Lower Upper
91 100
126 37.1 0.0 66.2



#76
1,3,5-Trimethylbenzene
Concen: 0.318 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX027097.D
Acq: 17 Feb 2022 23:54

Tgt Ion: 105 Resp: 1111
Ion Ratio Lower Upper
105 100
120 52.6 0.0 98.0

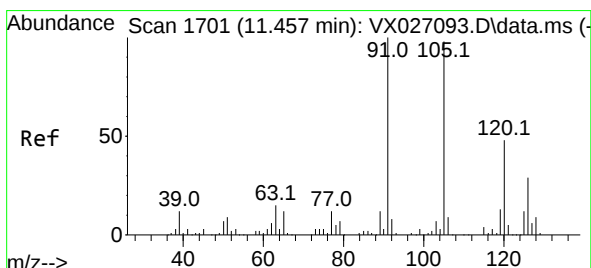
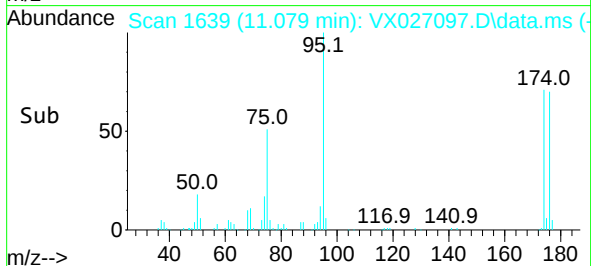
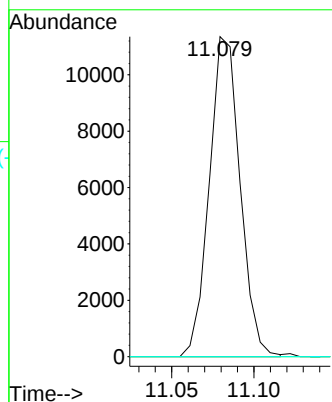
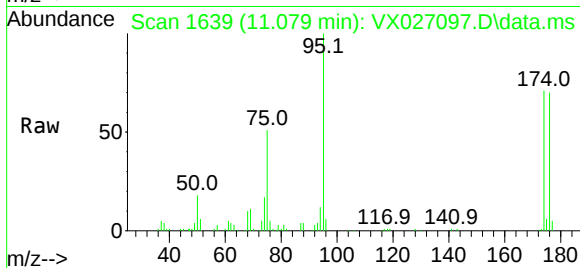




#77
t-1,4-Dichloro-2-butene
Concen: 41.523 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027097.D
Acq: 17 Feb 2022 23:54

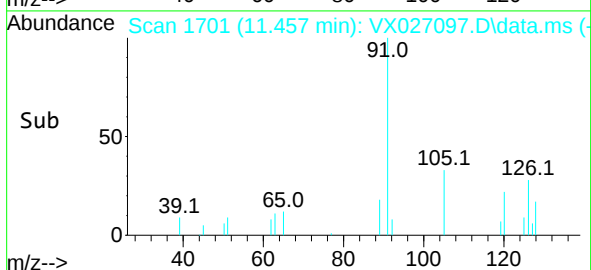
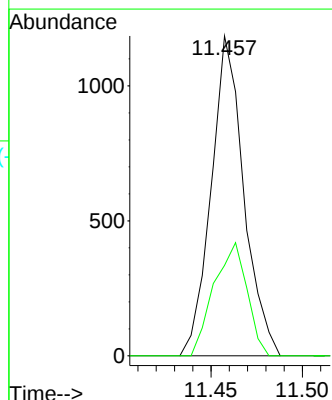
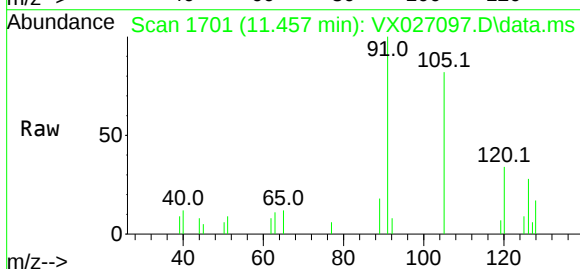
Instrument :
MSVOA_X
ClientSampleId :
IBLK

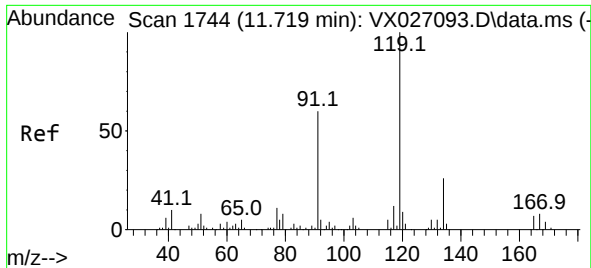
Tgt Ion: 75 Resp: 14780
Ion Ratio Lower Upper
75 100
53 0.0 60.8 182.3#
89 0.0 23.8 71.2#



#78
4-Chlorotoluene
Concen: 0.446 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX027097.D
Acq: 17 Feb 2022 23:54

Tgt Ion: 91 Resp: 1473
Ion Ratio Lower Upper
91 100
126 35.8 0.0 59.0

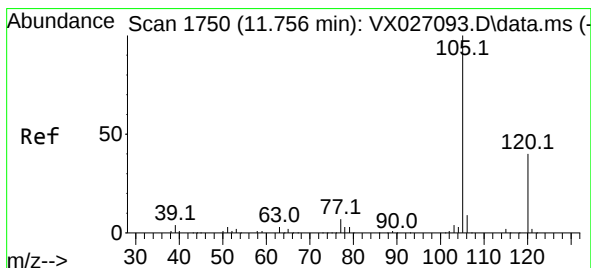
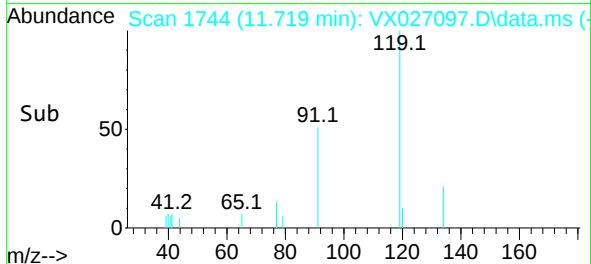
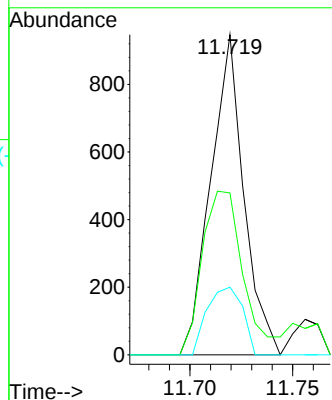
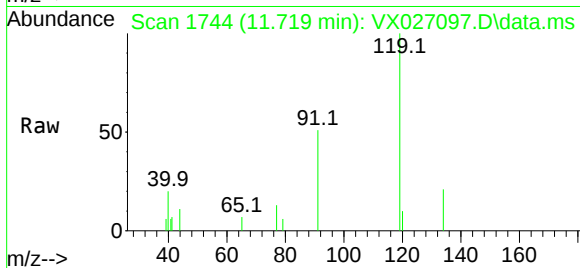




#79
tert-butylbenzene
Concen: 0.317 ug/l
RT: 11.719 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027097.D
Acq: 17 Feb 2022 23:54

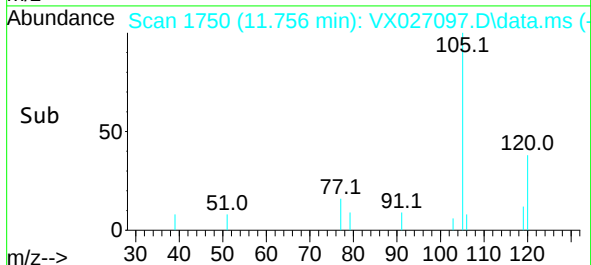
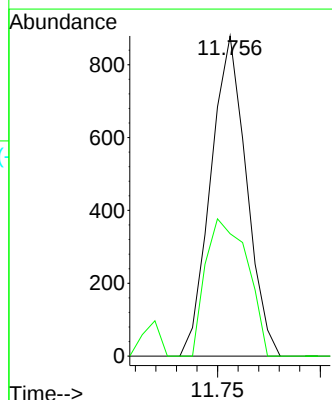
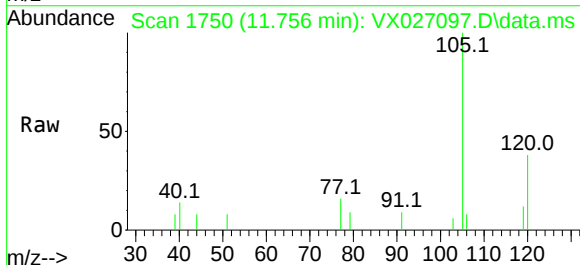
Instrument :
MSVOA_X
ClientSampleId :
IBLK

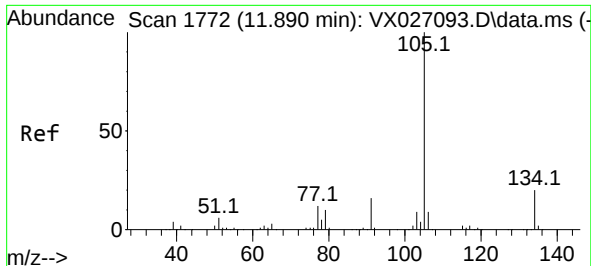
Tgt Ion:119 Resp: 1059
Ion Ratio Lower Upper
119 100
91 62.3 0.0 124.2
134 22.7 0.0 50.4



#80
1,2,4-Trimethylbenzene
Concen: 0.304 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX027097.D
Acq: 17 Feb 2022 23:54

Tgt Ion:105 Resp: 1060
Ion Ratio Lower Upper
105 100
120 50.4 0.0 89.2

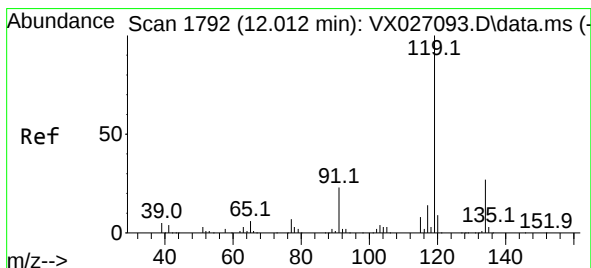
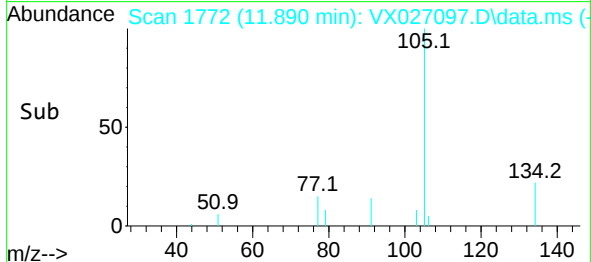
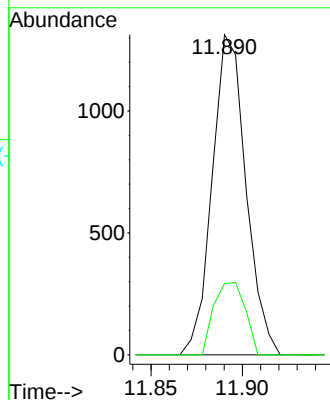
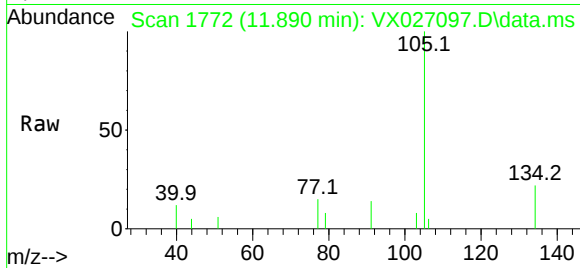




#81
 sec-Butylbenzene
 Concen: 0.395 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX027097.D
 Acq: 17 Feb 2022 23:54

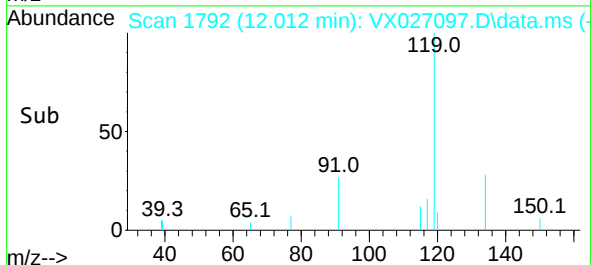
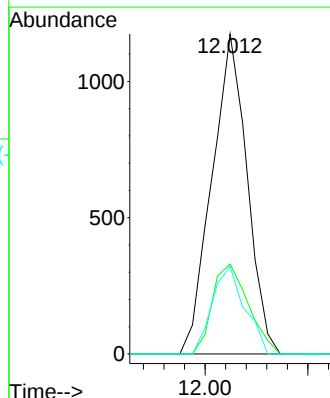
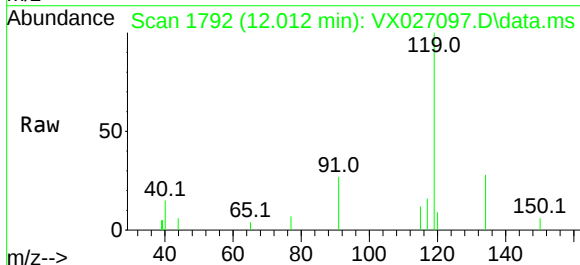
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

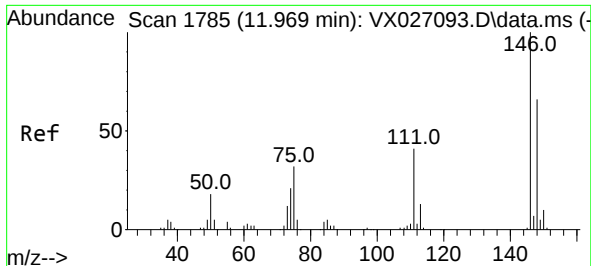
Tgt Ion:105 Resp: 1688
 Ion Ratio Lower Upper
 105 100
 134 20.9 0.0 41.2



#82
 p-Isopropyltoluene
 Concen: 0.388 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX027097.D
 Acq: 17 Feb 2022 23:54

Tgt Ion:119 Resp: 1395
 Ion Ratio Lower Upper
 119 100
 134 28.7 0.0 52.8
 91 25.4 0.0 47.4

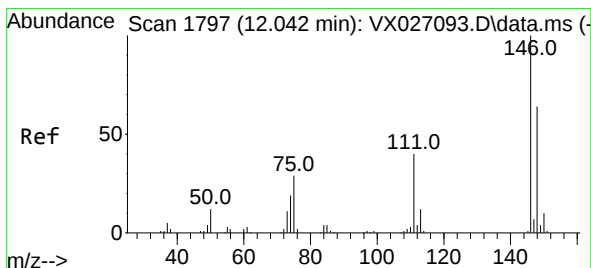
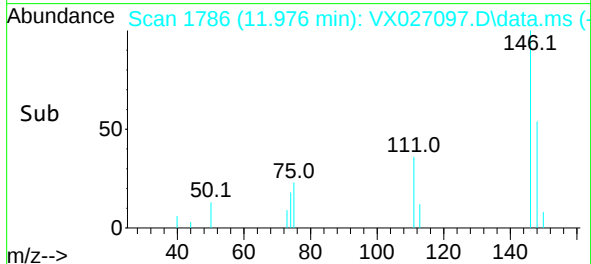
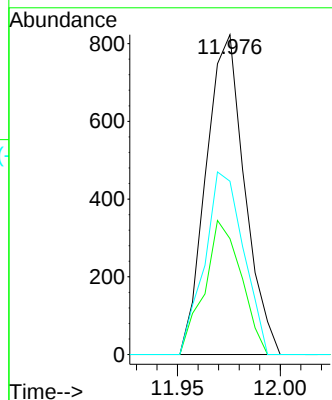
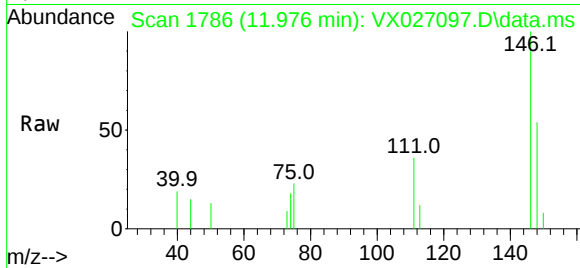




#83
1,3-Dichlorobenzene
Concen: 0.564 ug/l
RT: 11.976 min Scan# 1786
Delta R.T. 0.006 min
Lab File: VX027097.D
Acq: 17 Feb 2022 23:54

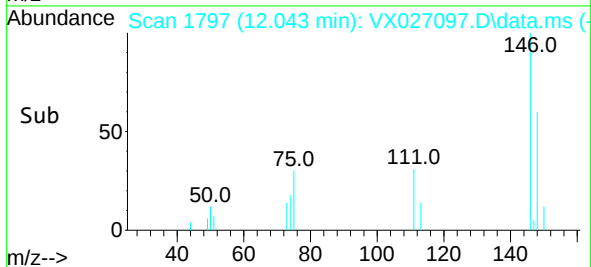
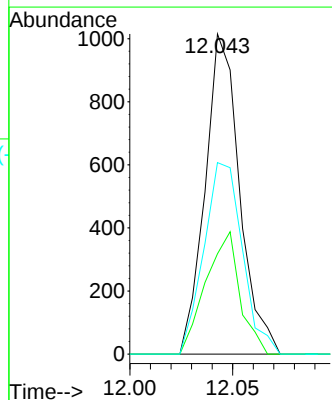
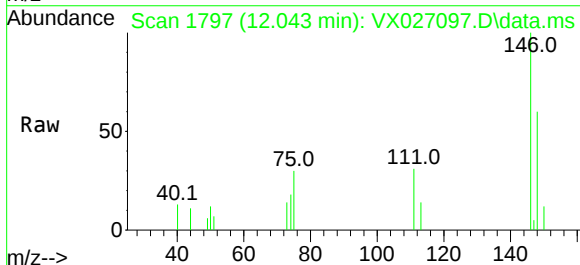
Instrument :
MSVOA_X
ClientSampleId :
IBLK

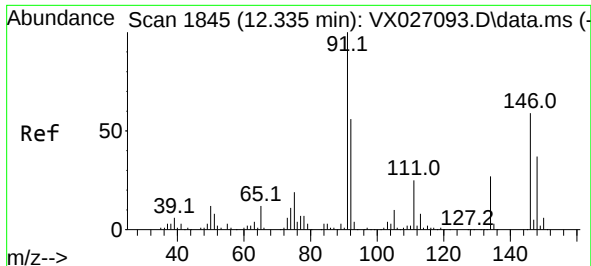
Tgt Ion:146 Resp: 1073
Ion Ratio Lower Upper
146 100
111 39.9 20.3 60.9
148 57.7 31.7 95.1



#84
1,4-Dichlorobenzene
Concen: 0.619 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX027097.D
Acq: 17 Feb 2022 23:54

Tgt Ion:146 Resp: 1182
Ion Ratio Lower Upper
146 100
111 37.8 19.4 58.2
148 66.8 32.0 96.2

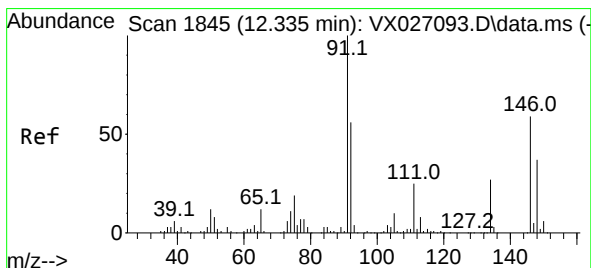
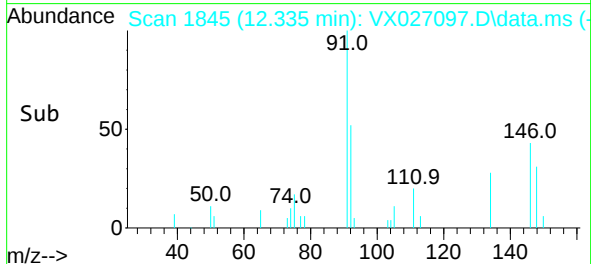
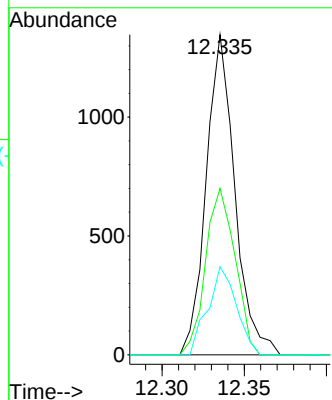
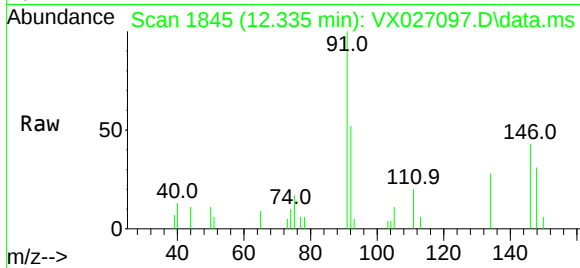




#85
n-Butylbenzene
Concen: 0.547 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX027097.D
Acq: 17 Feb 2022 23:54

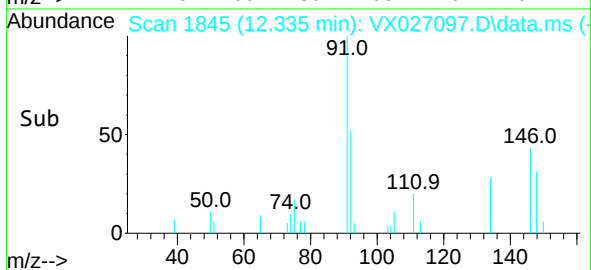
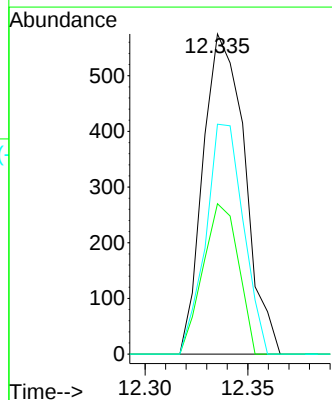
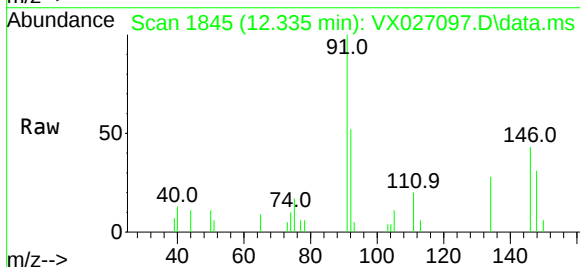
Instrument :
MSVOA_X
ClientSampleId :
IBLK

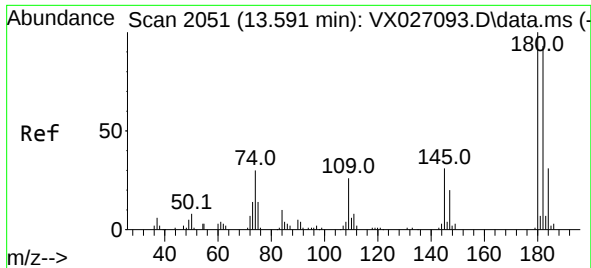
Tgt Ion: 91 Resp: 1632
Ion Ratio Lower Upper
91 100
92 53.4 0.0 111.2
134 27.4 0.0 53.8



#87
1,2-Dichlorobenzene
Concen: 0.439 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX027097.D
Acq: 17 Feb 2022 23:54

Tgt Ion:146 Resp: 810
Ion Ratio Lower Upper
146 100
111 39.9 21.2 63.6
148 64.7 31.6 95.0

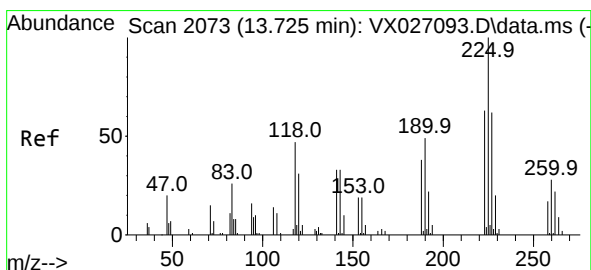
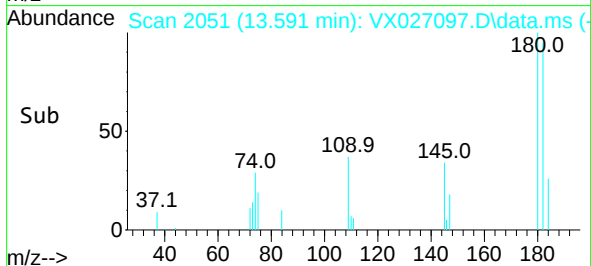
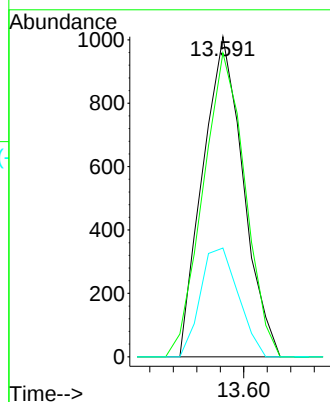
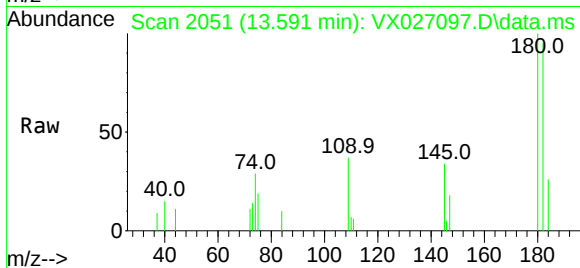




#89
1,2,4-Trichlorobenzene
Concen: 1.040 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX027097.D
Acq: 17 Feb 2022 23:54

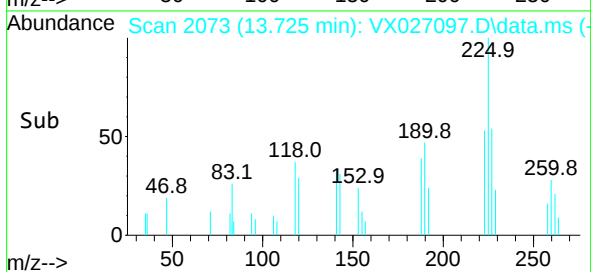
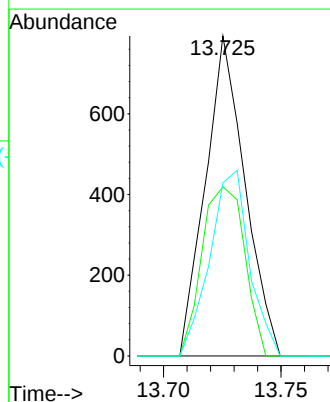
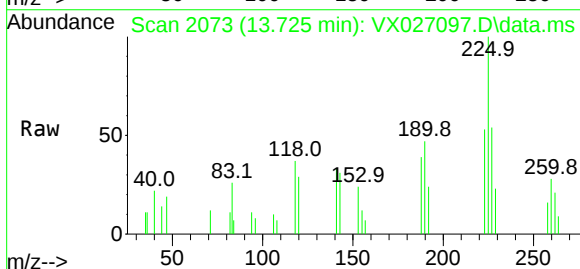
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MSVOA_X
ClientSampleId :
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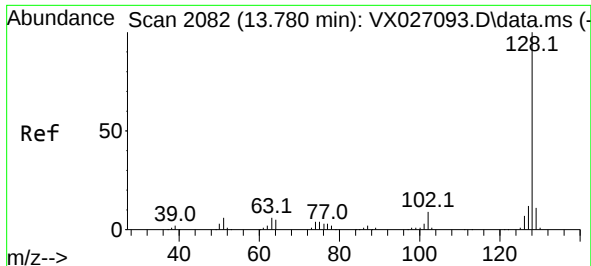
Tgt Ion:180 Resp: 1209
Ion Ratio Lower Upper
180 100
182 98.3 76.1 114.1
145 31.9 26.0 39.0



#90
Hexachlorobutadiene
Concen: 1.903 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX027097.D
Acq: 17 Feb 2022 23:54

Tgt Ion:225 Resp: 926
Ion Ratio Lower Upper
225 100
223 57.1 0.0 130.4
227 58.0 0.0 127.4

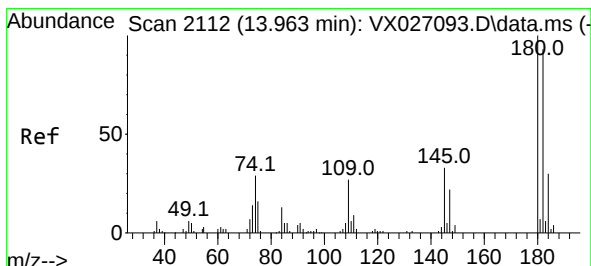
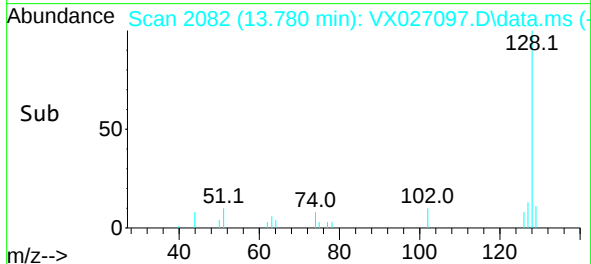
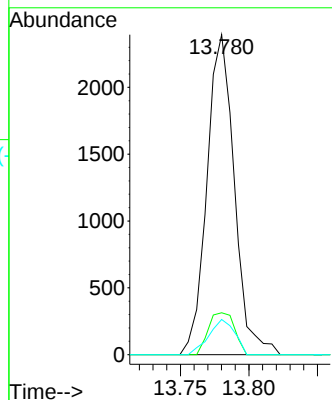
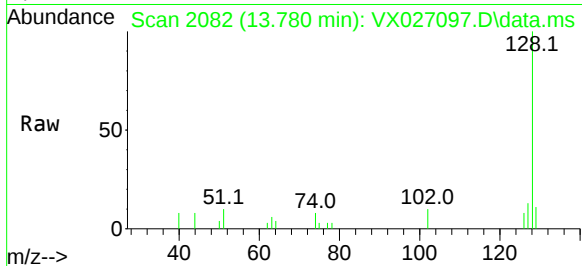




#91
Naphthalene
Concen: 0.817 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX027097.D
Acq: 17 Feb 2022 23:54

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:128	Resp:	3339	
Ion	Ratio	Lower	Upper
128	100		
127	12.5	9.9	14.9
129	10.3	8.8	13.2



#92
1,2,3-Trichlorobenzene
Concen: 0.999 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX027097.D
Acq: 17 Feb 2022 23:54

Tgt Ion:180	Resp:	1175	
Ion	Ratio	Lower	Upper
180	100		
182	96.5	0.0	190.6
145	33.3	0.0	67.2

