

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041922\
 Data File : VX028156.D
 Acq On : 19 Apr 2022 13:29
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Apr 19 16:35:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	394764	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	698359	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	654266	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	297595	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	247416	48.067	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.140%
35) Dibromofluoromethane	5.391	113	223177	45.569	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	91.140%
50) Toluene-d8	8.653	98	836039	44.445	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	88.900%
62) 4-Bromofluorobenzene	11.079	95	301180	41.875	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	83.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	647	0.254	ug/l	96
3) Chloromethane	1.294	50	982	Below Cal	#	75
4) Vinyl Chloride	1.373	62	1043	0.262	ug/l #	87
5) Bromomethane	1.617	94	3022	Below Cal		89
6) Chloroethane	1.660	64	844	Below Cal	#	60
8) Diethyl Ether	2.142	74	123	Below Cal	#	1
9) 1,1,2-Trichlorotrifluo...	2.331	101	926	0.290	ug/l #	72
10) Methyl Iodide	2.459	142	2545	5.756	ug/l	97
11) Tert butyl alcohol	2.952	59	6515	Below Cal	#	78
12) 1,1-Dichloroethene	2.324	96	972	0.320	ug/l #	74
13) Acrolein	2.239	56	834	1.322	ug/l #	81
15) Acrylonitrile	3.074	53	1799	0.858	ug/l	90
16) Acetone	2.379	43	2093	Below Cal		90
17) Carbon Disulfide	2.513	76	10408	1.274	ug/l	99
18) Methyl Acetate	2.702	43	1007	0.220	ug/l	90
20) Methylene Chloride	2.794	84	1038	0.272	ug/l #	75
21) trans-1,2-Dichloroethene	3.099	96	2096	0.508	ug/l	89
23) Vinyl Acetate	3.727	43	3086	0.305	ug/l #	75
25) 2-Butanone	4.574	43	617	0.202	ug/l	92
27) cis-1,2-Dichloroethene	4.501	96	1154	0.235	ug/l	96
28) Bromochloromethane	4.897	49	610	0.208	ug/l #	71
29) Tetrahydrofuran	5.037	42	701	0.353	ug/l #	47
31) Cyclohexane	5.470	56	1357	0.216	ug/l #	64
36) 1,1-Dichloropropene	5.696	75	1813	0.284	ug/l	97
38) Carbon Tetrachloride	5.556	117	40335	5.593	ug/l #	15
39) Methylcyclohexane	7.378	83	1728	0.214	ug/l #	80
44) Trichloroethene	7.122	130	1321	0.244	ug/l	100
49) 1,4-Dioxane	7.671	88	56	0.432	ug/l #	25
58) 2-Chloroethyl Vinyl ether	8.244	63	915	0.255	ug/l #	77
59) 2-Hexanone	9.445	43	1187	0.226	ug/l #	57
64) Tetrachloroethene	9.274	164	1363	0.267	ug/l #	88
68) m/p-Xylenes	10.305	106	3094	0.325	ug/l	89
71) Bromoform	10.805	173	190	3.612	ug/l #	29
76) 1,2,3-Trichloropropane	11.079	75	151578	25.880	ug/l #	38
77) Bromobenzene	11.201	156	1096	0.206	ug/l	100
78) n-propylbenzene	11.305	91	5421	0.239	ug/l	96

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

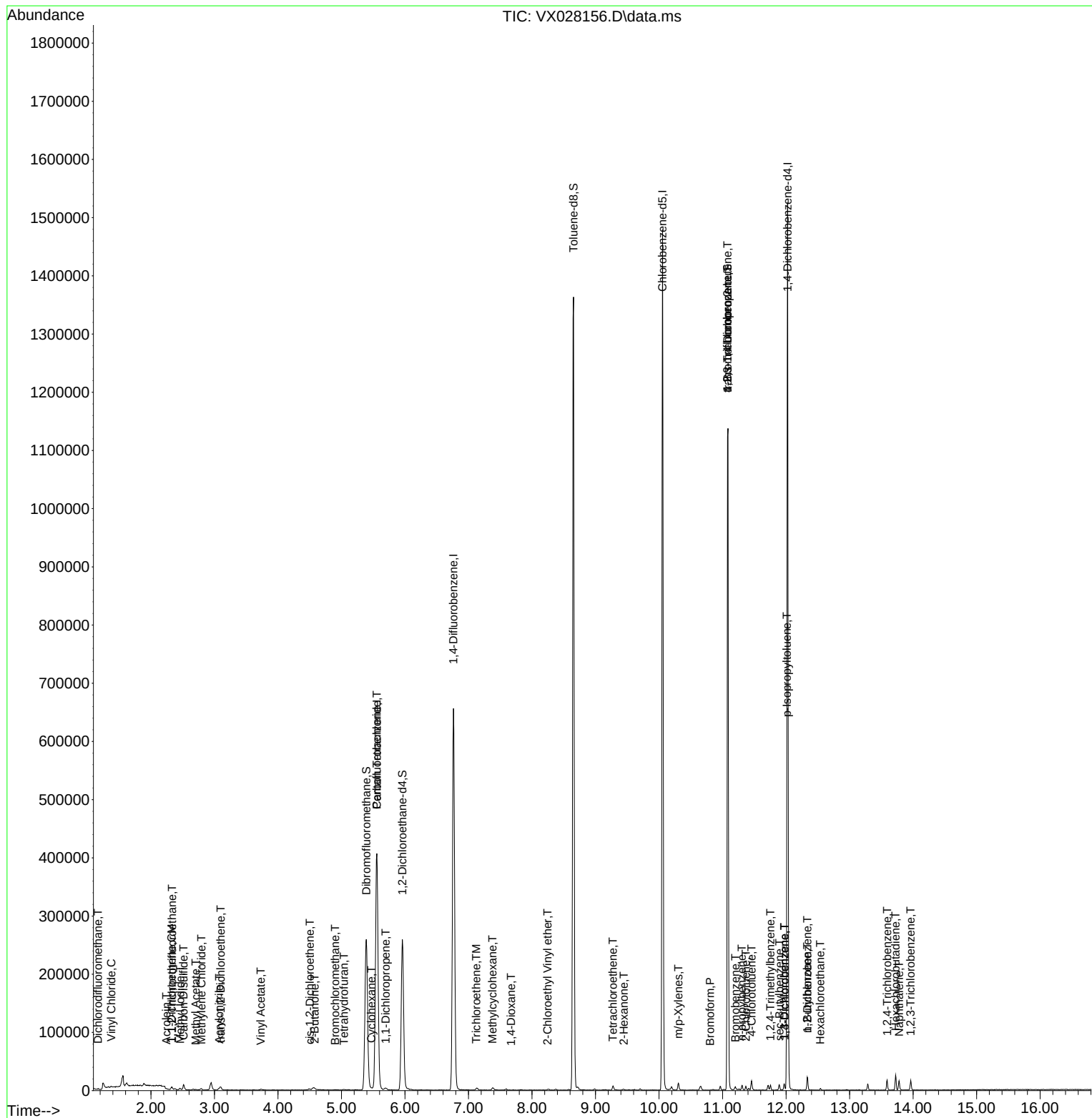
79) 2-Chlorotoluene	11.366	91	2924	0.207	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.079	75	151578	76.910	ug/l #	15
82) 4-Chlorotoluene	11.457	91	4295	0.264	ug/l	91
84) 1,2,4-Trimethylbenzene	11.756	105	3625	0.210	ug/l	99
85) sec-Butylbenzene	11.896	105	5213	0.244	ug/l	97
86) p-Isopropyltoluene	12.012	119	5317	0.288	ug/l #	77
87) 1,3-Dichlorobenzene	11.975	146	3571	0.357	ug/l	97
88) 1,4-Dichlorobenzene	11.975	146	3571	0.340	ug/l	98
89) n-Butylbenzene	12.335	91	6670	0.440	ug/l	96
90) Hexachloroethane	12.536	117	487	1.955	ug/l	72
91) 1,2-Dichlorobenzene	12.335	146	2578	0.259	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	4115	0.696	ug/l	96
94) Hexachlorobutadiene	13.725	225	3348	1.269	ug/l	94
95) Naphthalene	13.780	128	11383	0.578	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	4138	0.713	ug/l	98

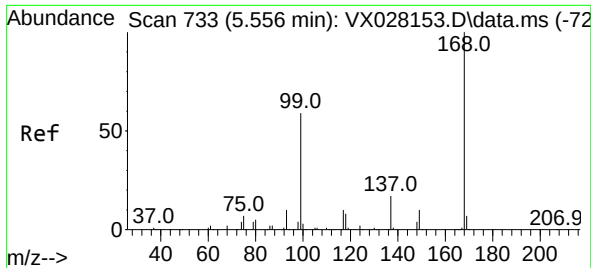
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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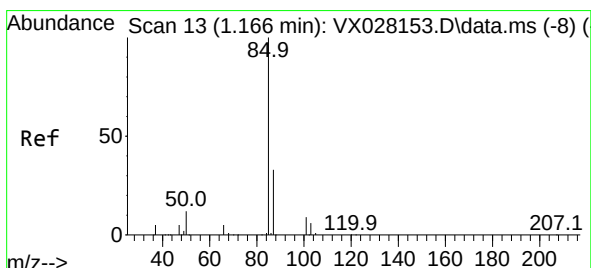
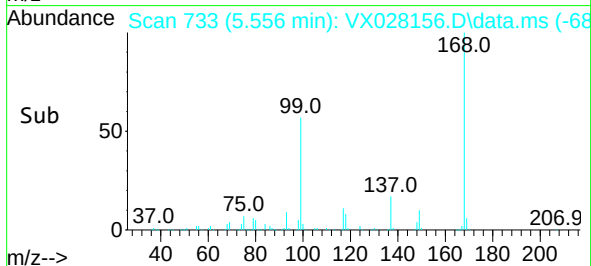
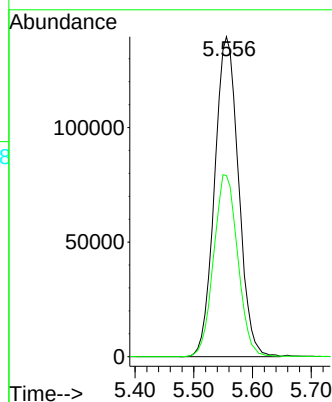
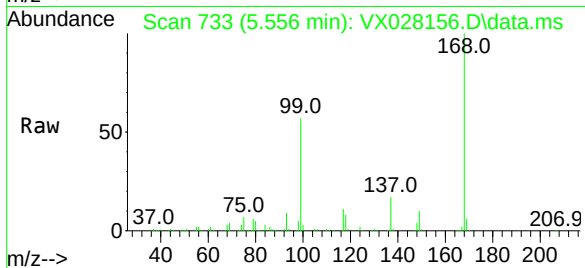




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028156.D
Acq: 19 Apr 2022 13:29

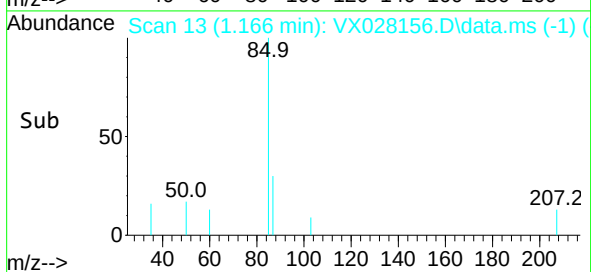
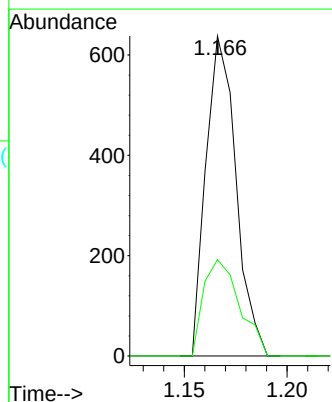
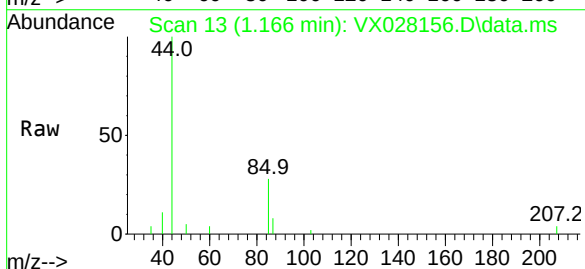
Instrument :
MSVOA_X
ClientSampleId :
IBLK

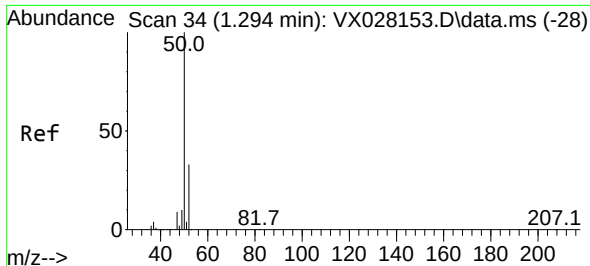
Tgt Ion:168 Resp: 394764
Ion Ratio Lower Upper
168 100
99 56.6 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 0.254 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX028156.D
Acq: 19 Apr 2022 13:29

Tgt Ion: 85 Resp: 647
Ion Ratio Lower Upper
85 100
87 30.1 16.2 48.6

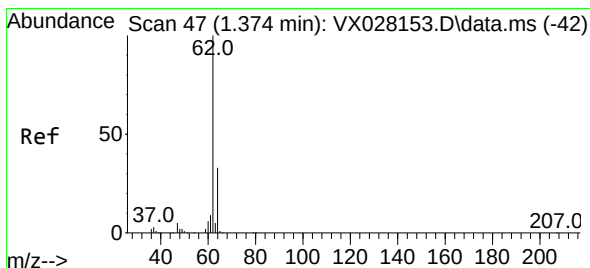
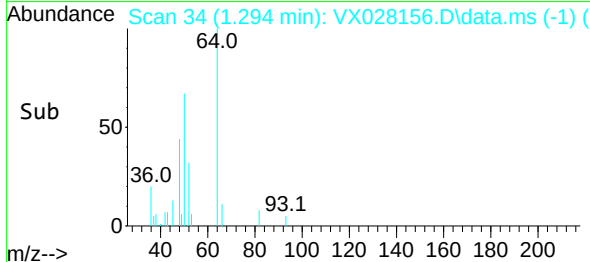
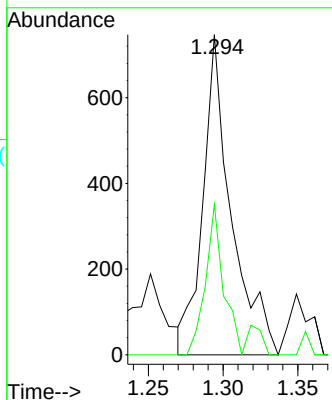
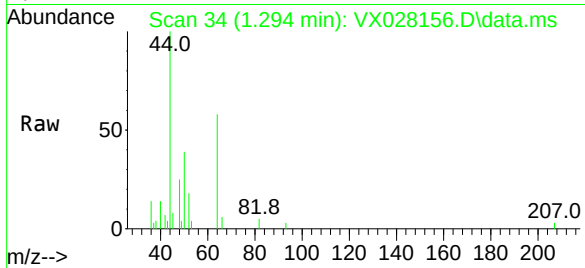




#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX028156.D
Acq: 19 Apr 2022 13:29

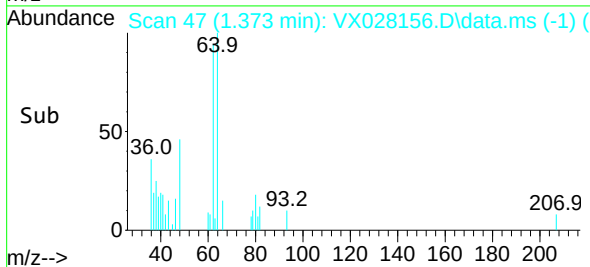
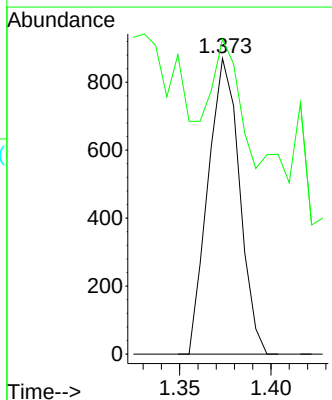
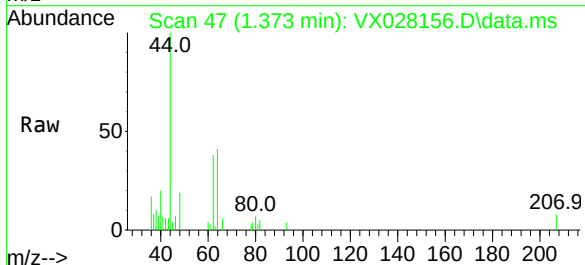
Instrument :
MSVOA_X
ClientSampleId :
IBLK

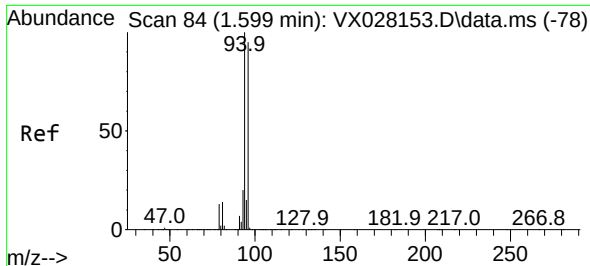
Tgt Ion: 50 Resp: 982
Ion Ratio Lower Upper
50 100
52 47.0 26.4 39.6#



#4
Vinyl Chloride
Concen: 0.262 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.001 min
Lab File: VX028156.D
Acq: 19 Apr 2022 13:29

Tgt Ion: 62 Resp: 1043
Ion Ratio Lower Upper
62 100
64 39.0 25.5 38.3#

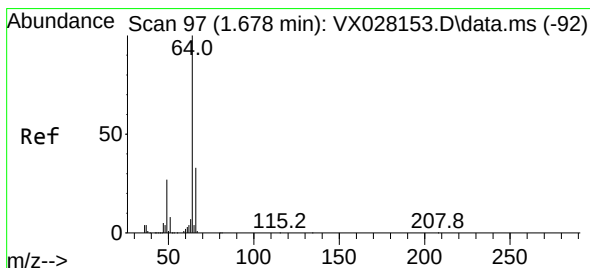
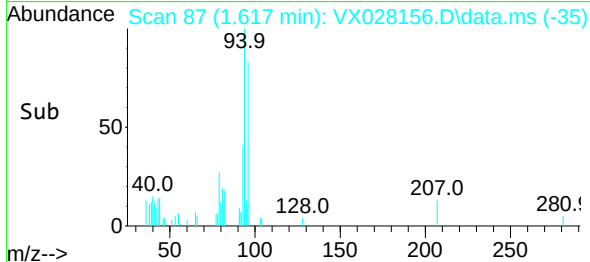
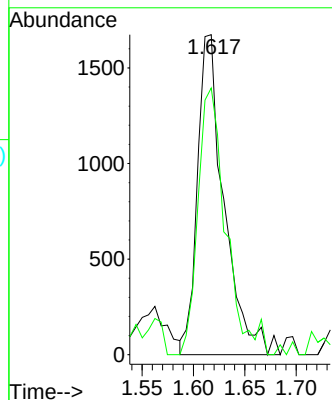
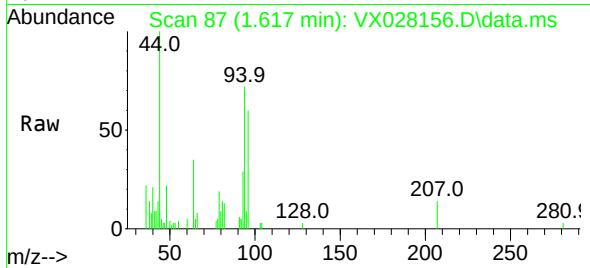




#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 81
Delta R.T. 0.018 min
Lab File: VX028156.D
Acq: 19 Apr 2022 13:29

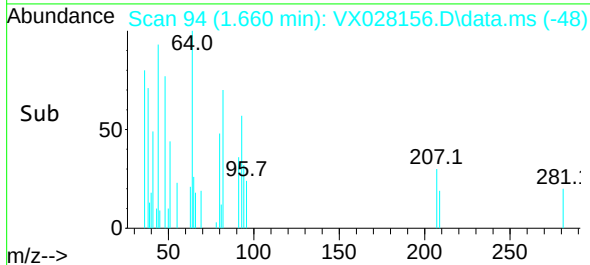
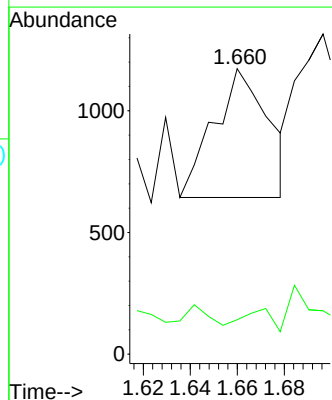
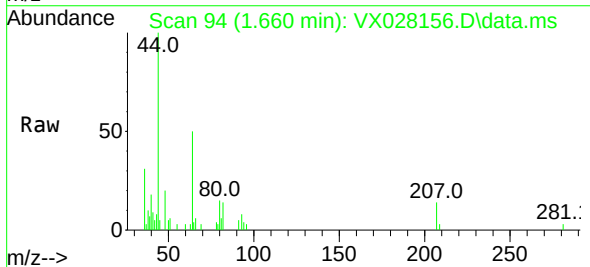
Instrument :
MSVOA_X
ClientSampleId :
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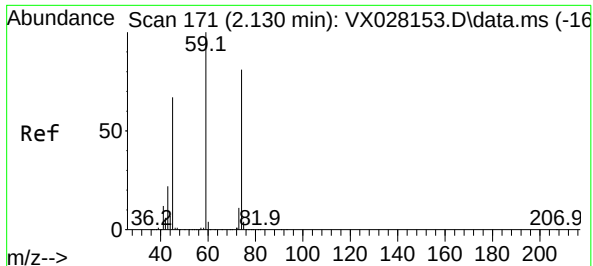
Tgt Ion: 94 Resp: 3022
Ion Ratio Lower Upper
94 100
96 83.3 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.660 min Scan# 94
Delta R.T. -0.018 min
Lab File: VX028156.D
Acq: 19 Apr 2022 13:29

Tgt Ion: 64 Resp: 844
Ion Ratio Lower Upper
64 100
66 9.3 25.3 37.9

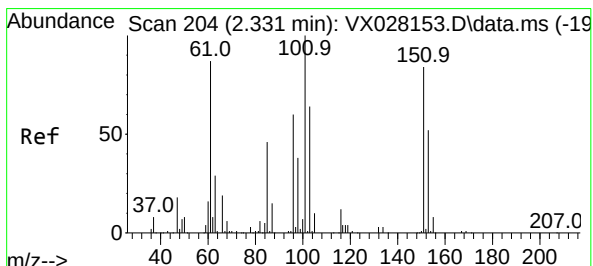
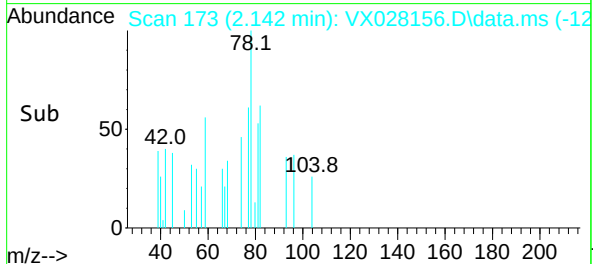
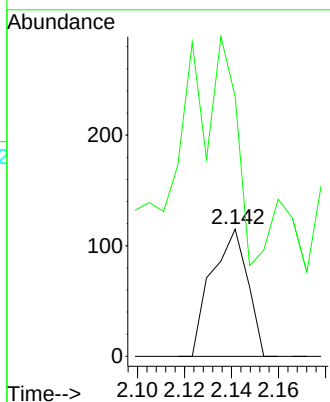
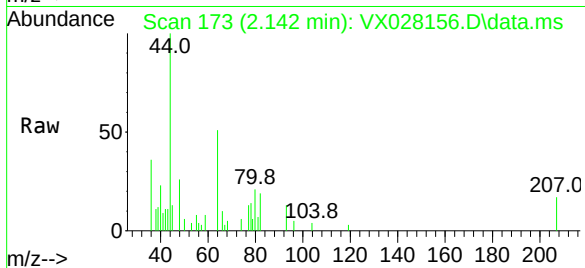




#8
Diethyl Ether
Concen: Below Cal
RT: 2.142 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX028156.D
Acq: 19 Apr 2022 13:29

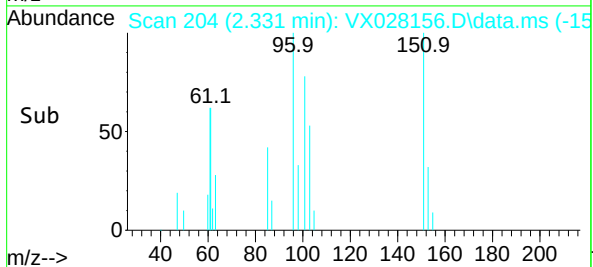
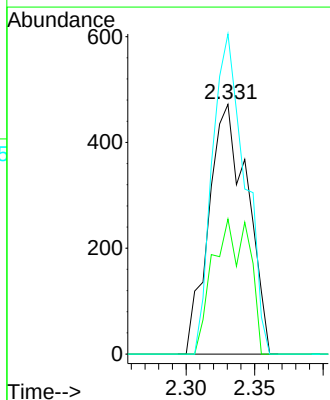
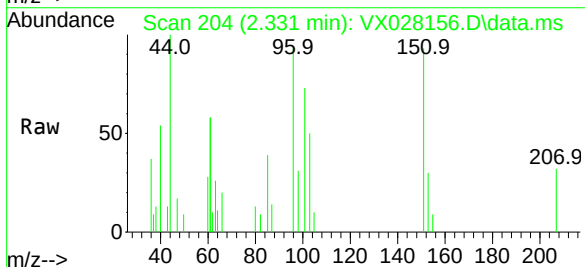
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ClientSampleId :
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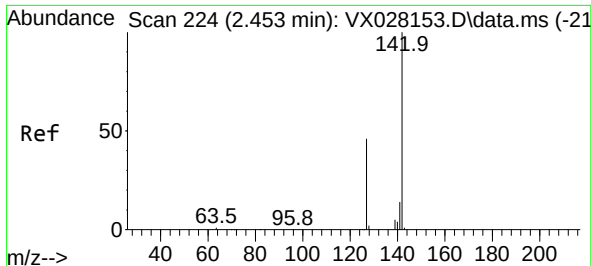
Tgt Ion: 74 Resp: 123
Ion Ratio Lower Upper
74 100
45 197.6 42.0 126.0#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.290 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX028156.D
Acq: 19 Apr 2022 13:29

Tgt Ion:101 Resp: 926
Ion Ratio Lower Upper
101 100
85 50.4 33.5 50.3#
151 108.3 61.8 92.6#

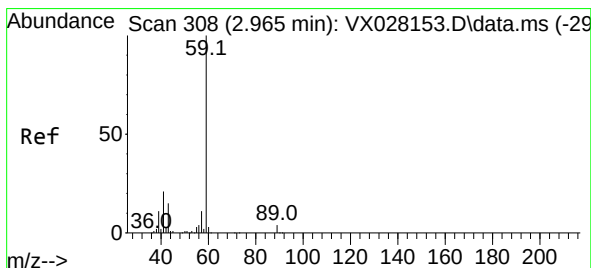
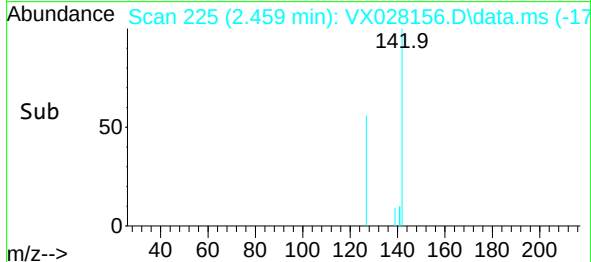
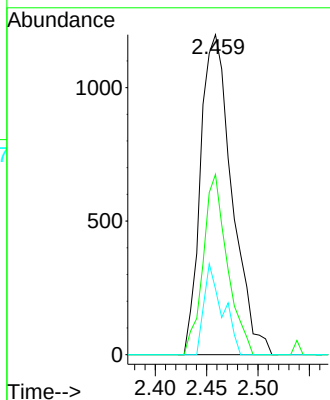
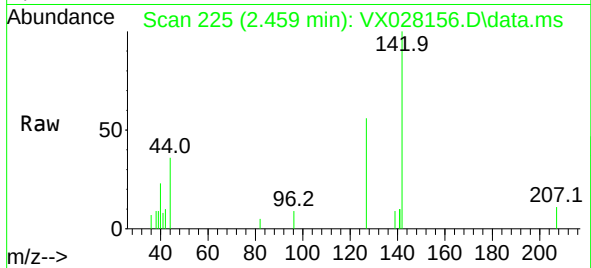




#10
Methyl Iodide
Concen: 5.756 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX028156.D
Acq: 19 Apr 2022 13:29

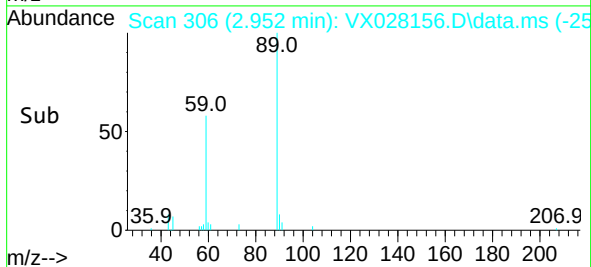
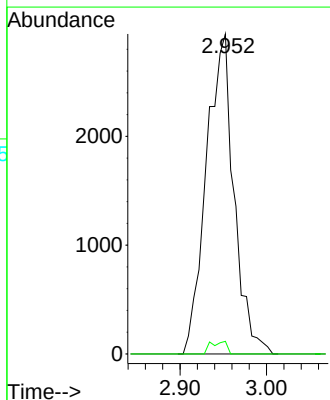
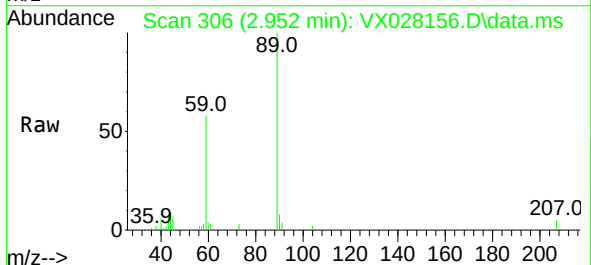
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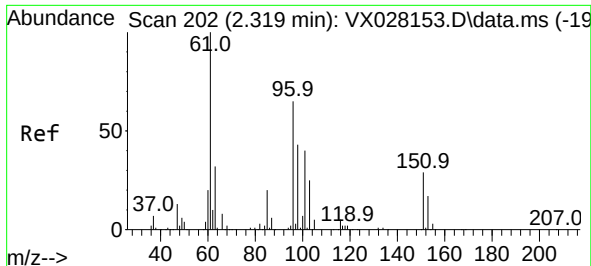
Tgt Ion:142 Resp: 2545
Ion Ratio Lower Upper
142 100
127 43.4 33.9 50.9
141 16.7 11.4 17.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.952 min Scan# 306
Delta R.T. -0.013 min
Lab File: VX028156.D
Acq: 19 Apr 2022 13:29

Tgt Ion: 59 Resp: 6515
Ion Ratio Lower Upper
59 100
57 2.3 8.3 12.5#





#12

1,1-Dichloroethene

Concen: 0.320 ug/l

RT: 2.324 min Scan# 20

Delta R.T. 0.005 min

Lab File: VX028156.D

Acq: 19 Apr 2022 13:29

Instrument :

MSVOA_X

ClientSampleId :

IBLK

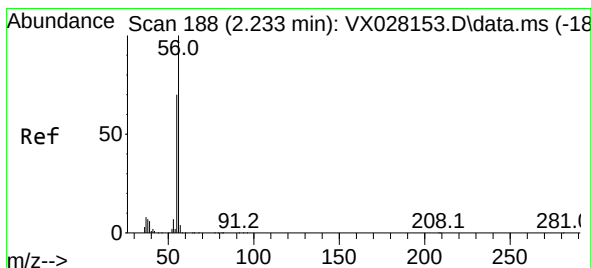
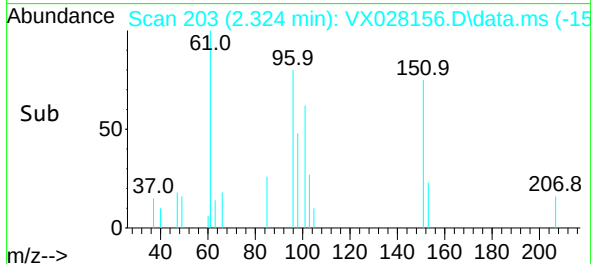
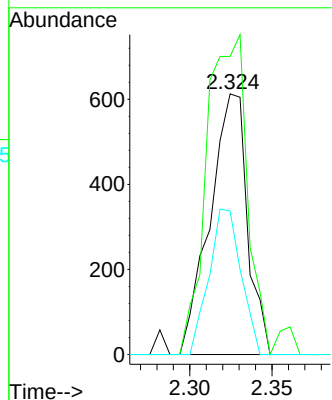
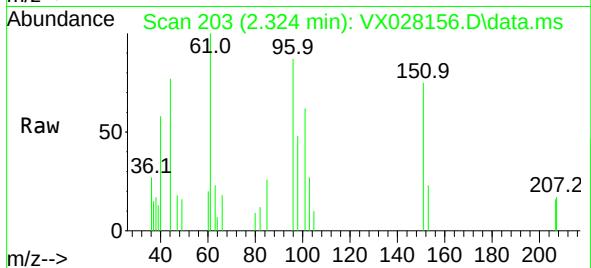
Tgt Ion: 96 Resp: 972

Ion Ratio Lower Upper

96 100

61 114.4 124.6 187.0#

98 55.0 51.0 76.4



#13

Acrolein

Concen: 1.322 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.006 min

Lab File: VX028156.D

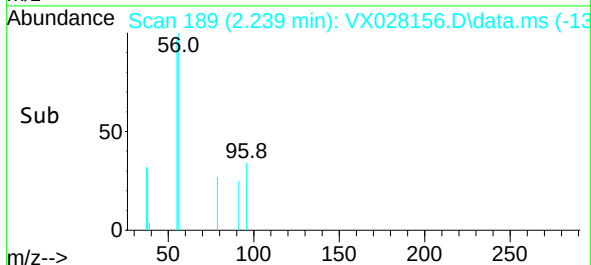
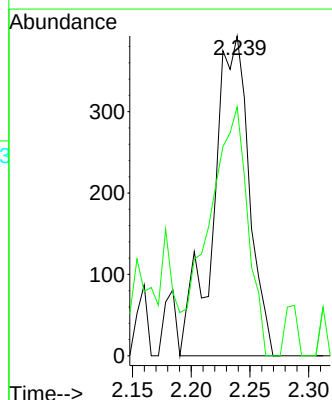
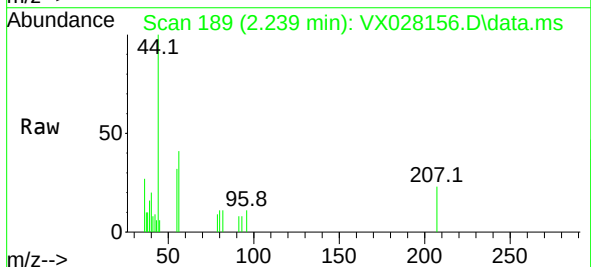
Acq: 19 Apr 2022 13:29

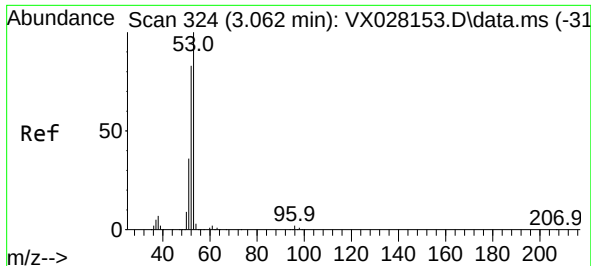
Tgt Ion: 56 Resp: 834

Ion Ratio Lower Upper

56 100

55 83.9 55.0 82.6#





#15

Acrylonitrile

Concen: 0.858 ug/l

RT: 3.074 min Scan# 31

Delta R.T. 0.012 min

Lab File: VX028156.D

Acq: 19 Apr 2022 13:29

Instrument :

MSVOA_X

ClientSampleId :

IBLK

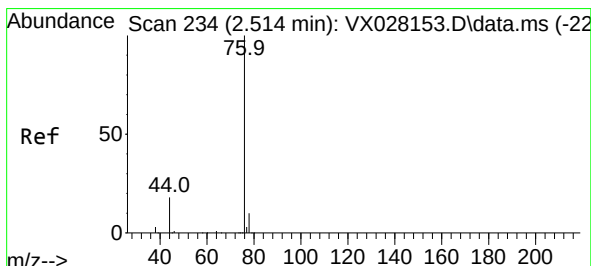
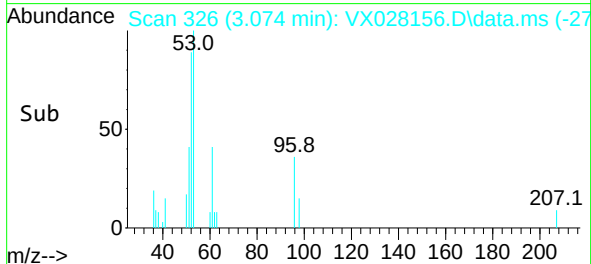
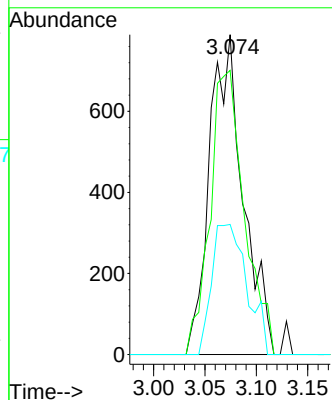
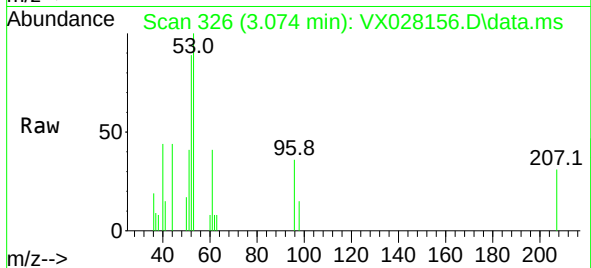
Tgt Ion: 53 Resp: 1799

Ion Ratio Lower Upper

53 100

52 90.7 65.7 98.5

51 42.3 28.4 42.6



#17

Carbon Disulfide

Concen: 1.274 ug/l

RT: 2.513 min Scan# 234

Delta R.T. -0.001 min

Lab File: VX028156.D

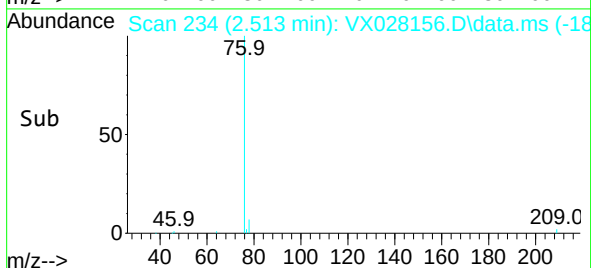
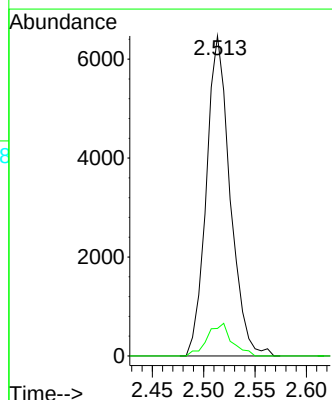
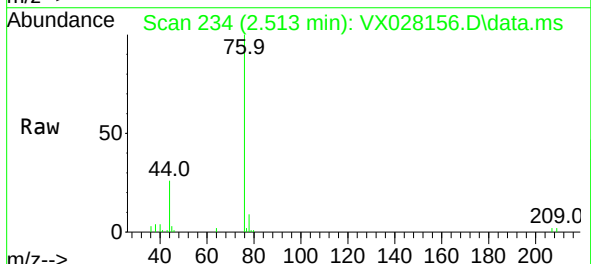
Acq: 19 Apr 2022 13:29

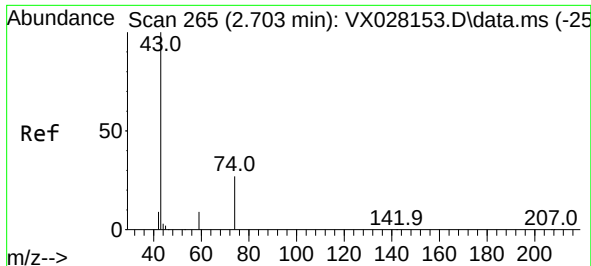
Tgt Ion: 76 Resp: 10408

Ion Ratio Lower Upper

76 100

78 8.6 7.2 10.8

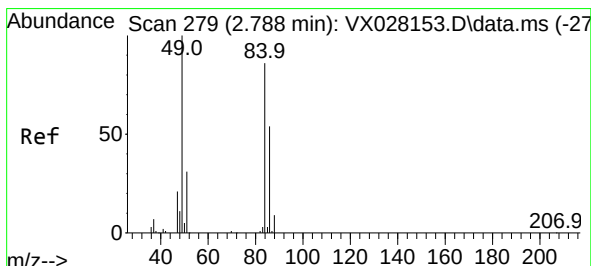
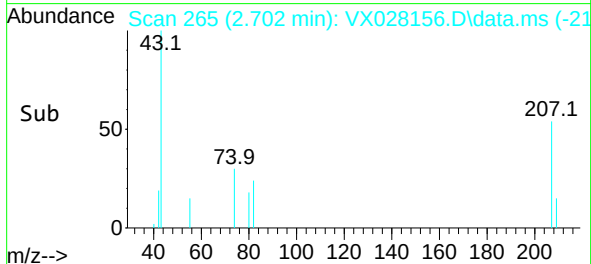
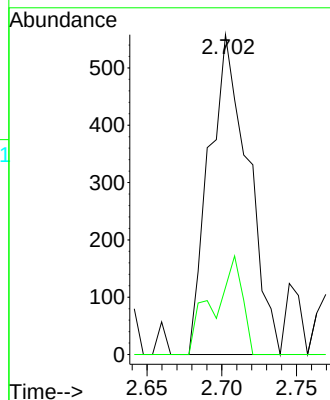
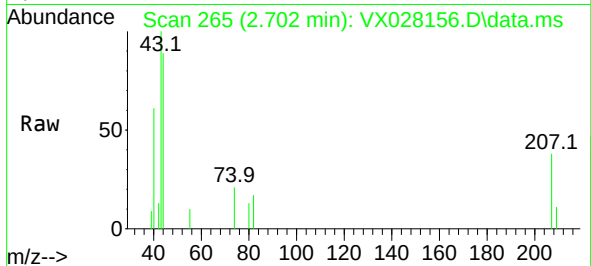




#18
Methyl Acetate
Concen: 0.220 ug/l
RT: 2.702 min Scan# 207
Delta R.T. -0.001 min
Lab File: VX028156.D
Acq: 19 Apr 2022 13:29

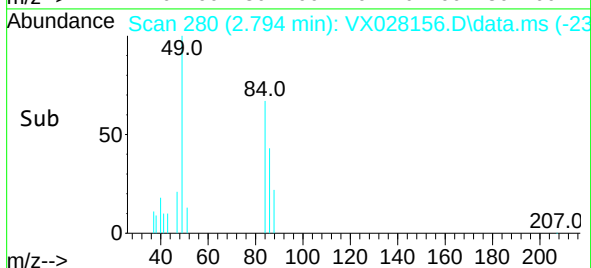
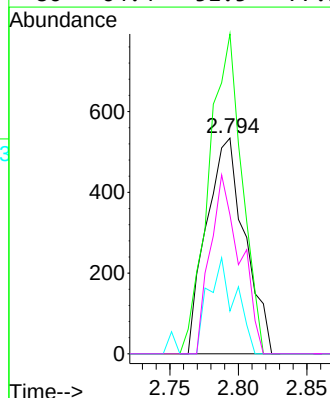
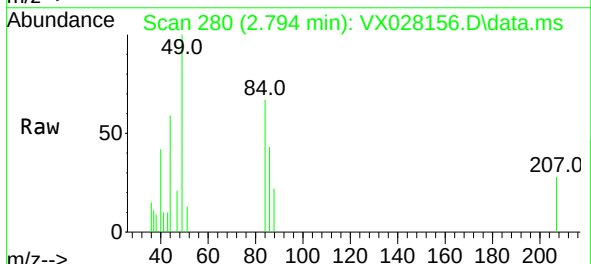
Instrument :
MSVOA_X
ClientSampleId :
IBLK

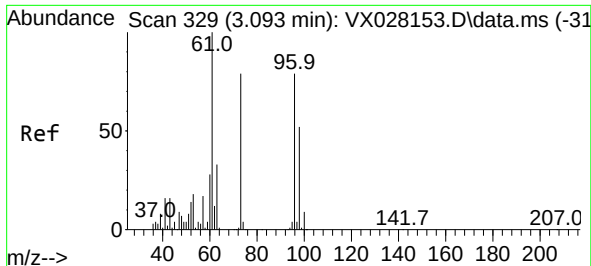
Tgt Ion: 43 Resp: 1007
Ion Ratio Lower Upper
43 100
74 22.9 22.8 34.2



#20
Methylene Chloride
Concen: 0.272 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX028156.D
Acq: 19 Apr 2022 13:29

Tgt Ion: 84 Resp: 1038
Ion Ratio Lower Upper
84 100
49 148.3 85.5 128.3#
51 19.9 26.6 39.8#
86 64.4 51.5 77.3

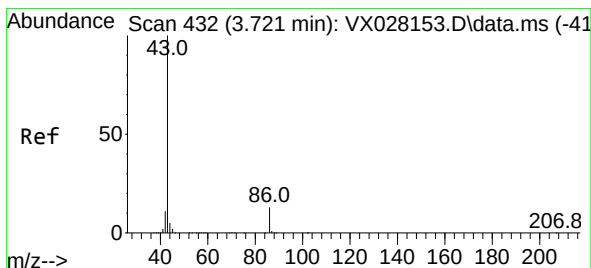
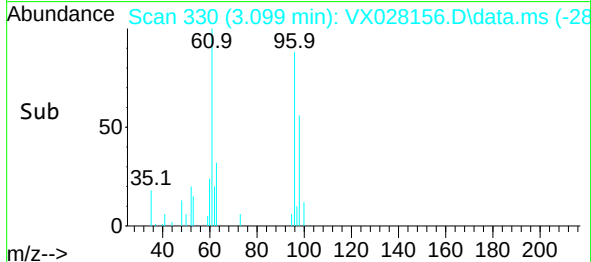
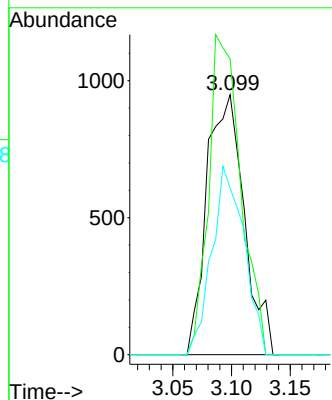
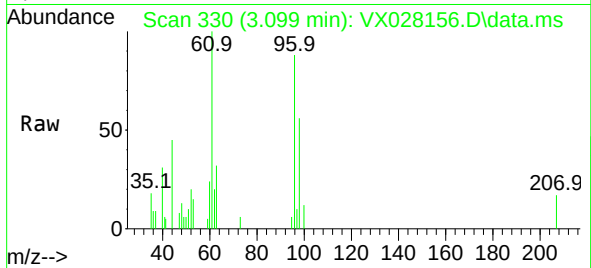




#21
trans-1,2-Dichloroethene
Concen: 0.508 ug/l
RT: 3.099 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX028156.D
Acq: 19 Apr 2022 13:29

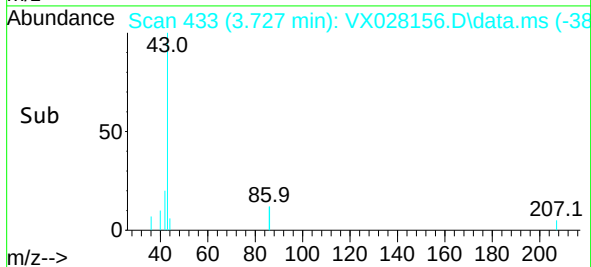
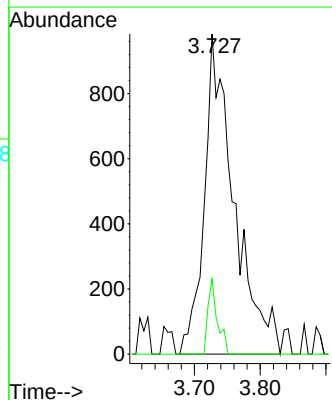
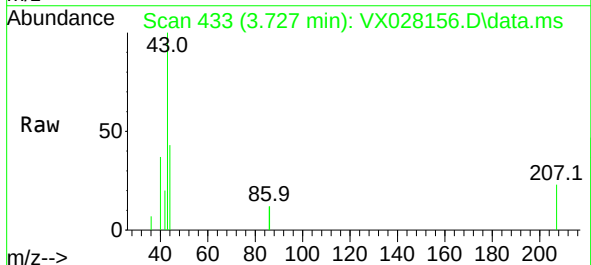
Instrument :
MSVOA_X
ClientSampleId :
IBLK

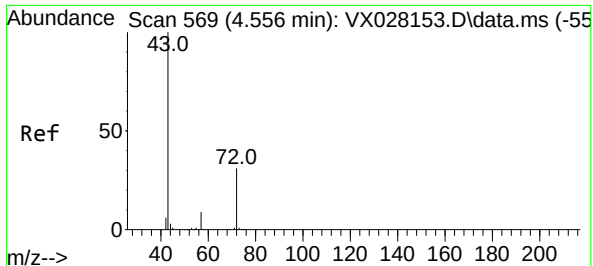
Tgt Ion: 96 Resp: 2096
Ion Ratio Lower Upper
96 100
61 113.8 105.4 158.2
98 64.1 50.0 75.0



#23
Vinyl Acetate
Concen: 0.305 ug/l
RT: 3.727 min Scan# 433
Delta R.T. 0.006 min
Lab File: VX028156.D
Acq: 19 Apr 2022 13:29

Tgt Ion: 43 Resp: 3086
Ion Ratio Lower Upper
43 100
86 23.5 10.8 16.2#

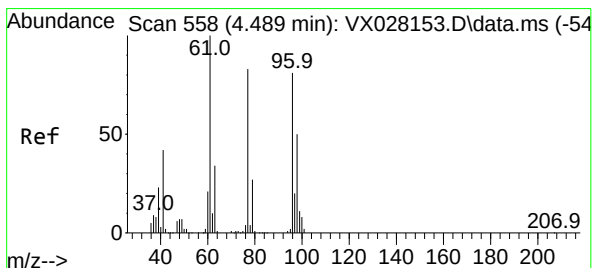
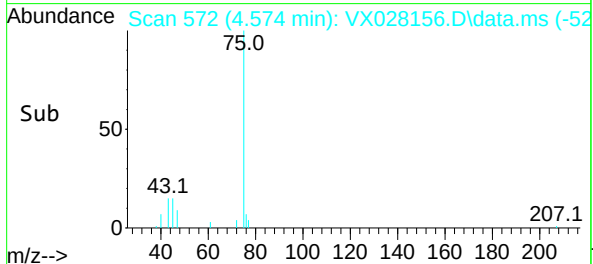
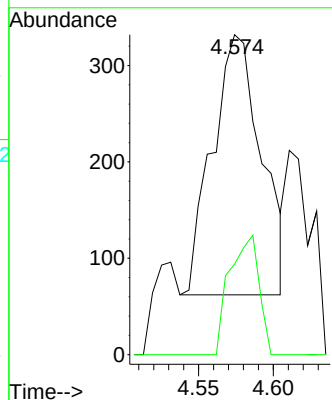
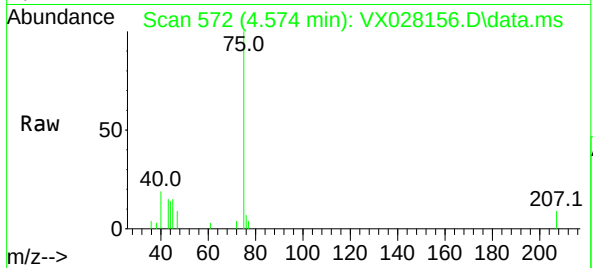




#25
2-Butanone
Concen: 0.202 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX028156.D
Acq: 19 Apr 2022 13:29

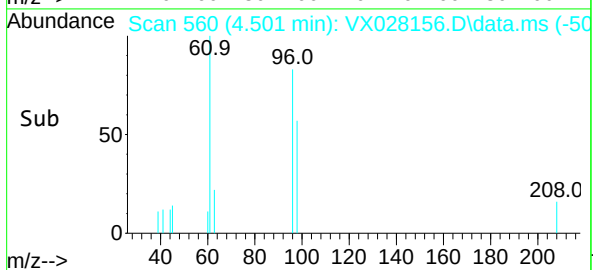
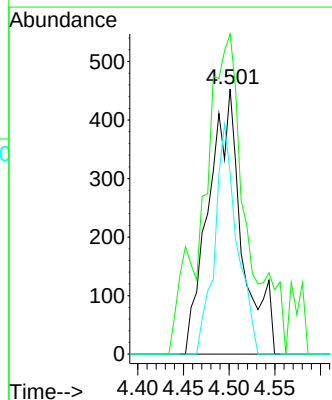
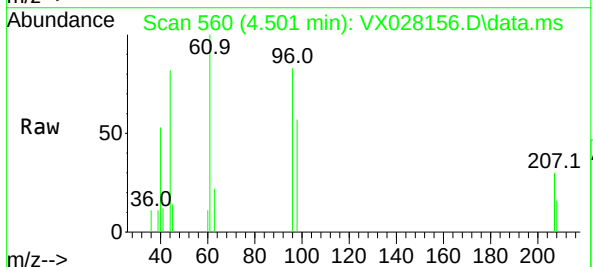
Instrument :
MSVOA_X
ClientSampleId :
IBLK

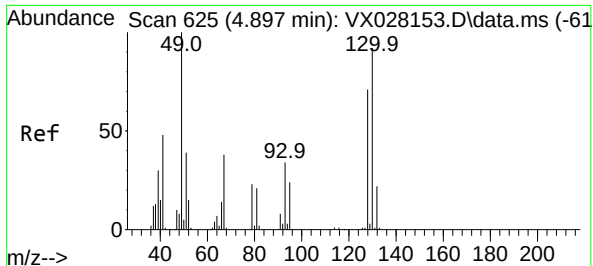
Tgt Ion: 43 Resp: 617
Ion Ratio Lower Upper
43 100
72 34.8 24.4 36.6



#27
cis-1,2-Dichloroethene
Concen: 0.235 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.012 min
Lab File: VX028156.D
Acq: 19 Apr 2022 13:29

Tgt Ion: 96 Resp: 1154
Ion Ratio Lower Upper
96 100
61 143.6 0.0 283.8
98 58.0 0.0 129.8





#28

Bromochloromethane

Concen: 0.208 ug/l

RT: 4.897 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX028156.D

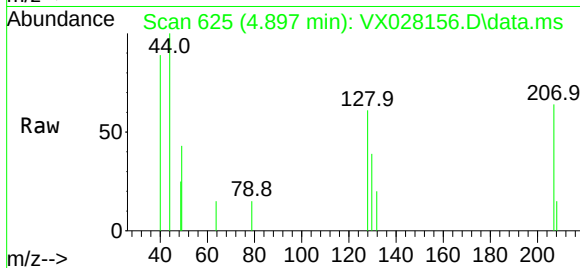
Acq: 19 Apr 2022 13:29

Instrument :

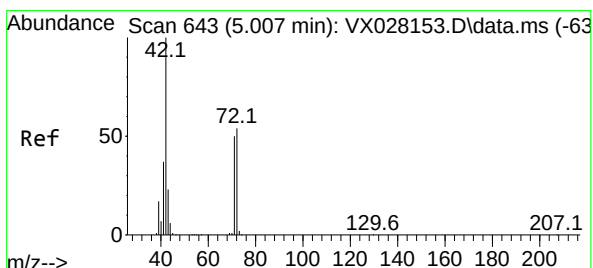
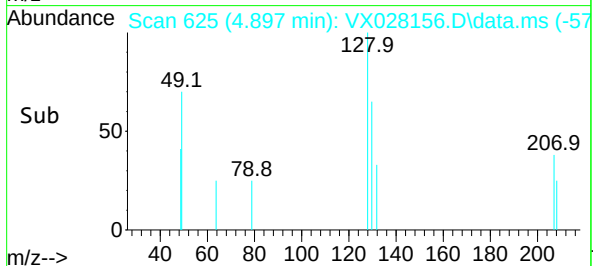
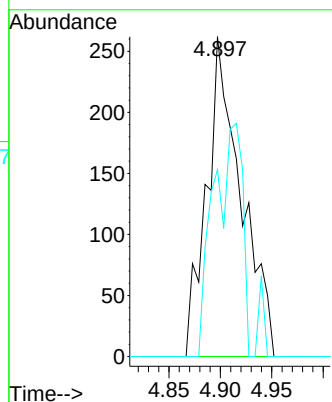
MSVOA_X

ClientSampleId :

IBLK



Tgt Ion:	49	Resp:	610
Ion Ratio	100	Lower	Upper
129	0.0	0.0	4.4
130	60.7	70.7	106.1#



#29

Tetrahydrofuran

Concen: 0.353 ug/l

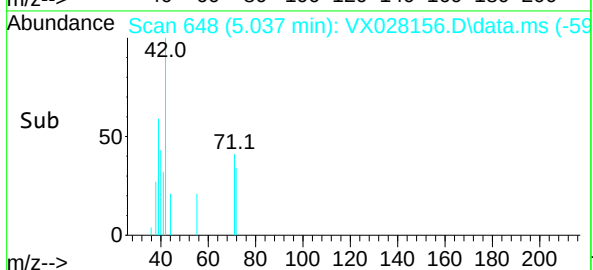
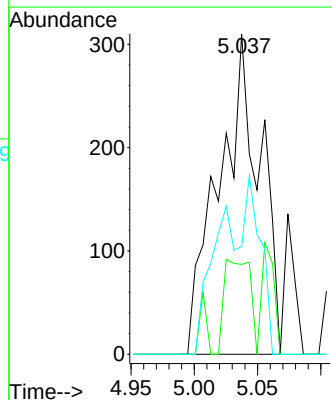
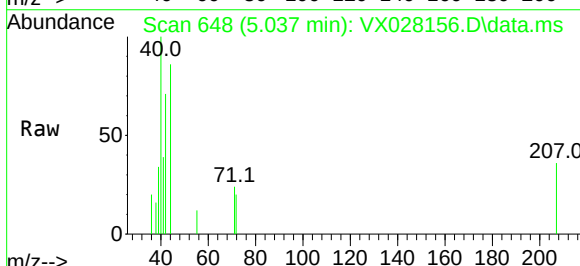
RT: 5.037 min Scan# 648

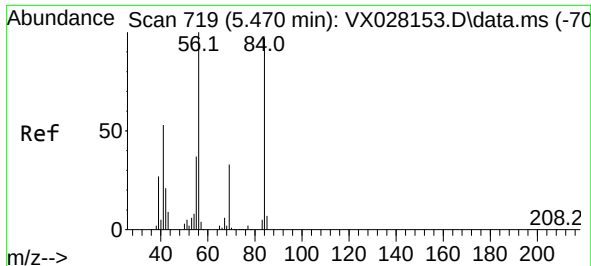
Delta R.T. 0.030 min

Lab File: VX028156.D

Acq: 19 Apr 2022 13:29

Tgt Ion:	42	Resp:	701
Ion Ratio	100	Lower	Upper
72	10.3	44.1	66.1#
71	20.4	40.5	60.7#

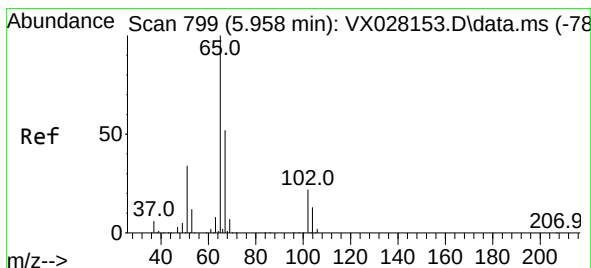
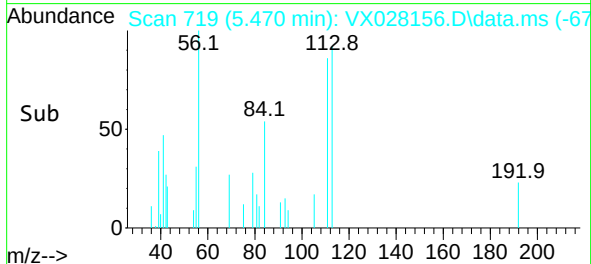
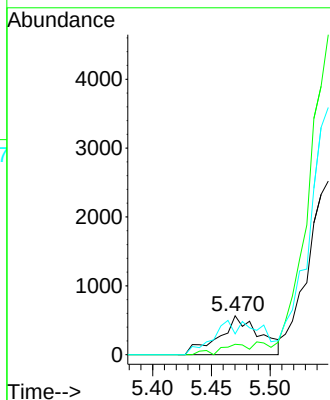
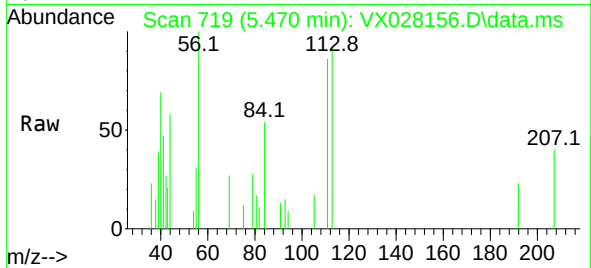




#31
Cyclohexane
Concen: 0.216 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX028156.D
Acq: 19 Apr 2022 13:29

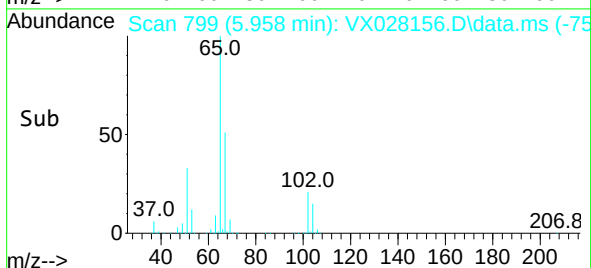
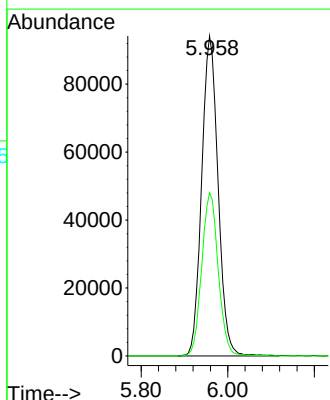
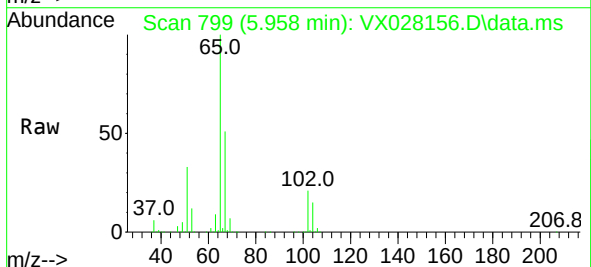
Instrument :
MSVOA_X
ClientSampleId :
IBLK

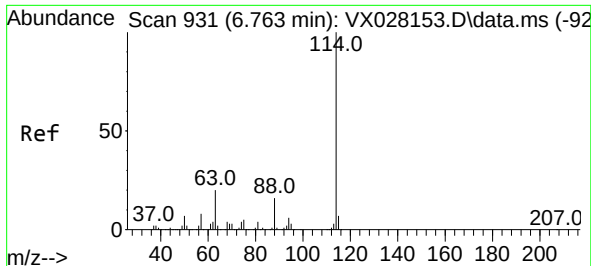
Tgt Ion: 56 Resp: 1357
Ion Ratio Lower Upper
56 100
69 26.7 26.7 40.1#
84 53.5 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 48.067 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX028156.D
Acq: 19 Apr 2022 13:29

Tgt Ion: 65 Resp: 247416
Ion Ratio Lower Upper
65 100
67 51.4 0.0 107.4

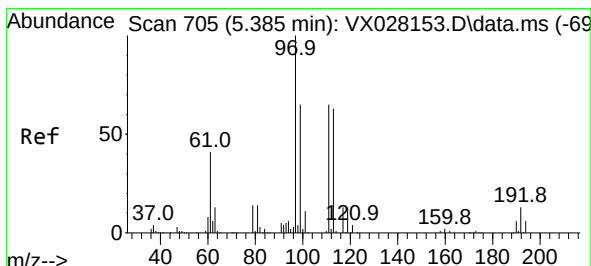
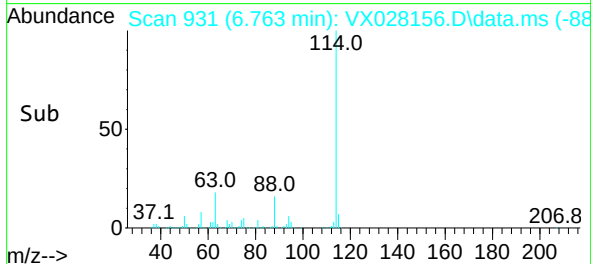
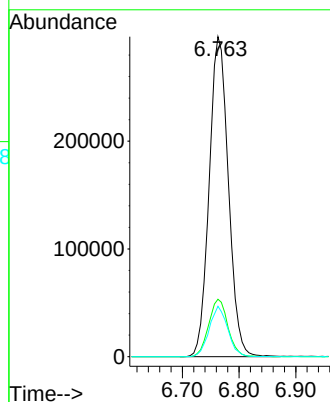
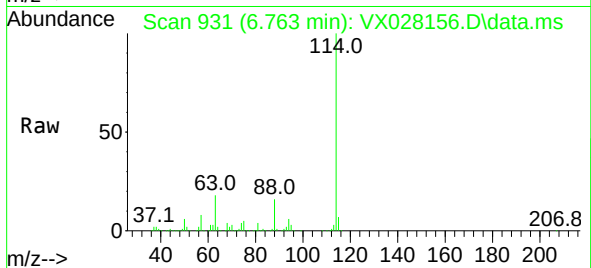




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028156.D
Acq: 19 Apr 2022 13:29

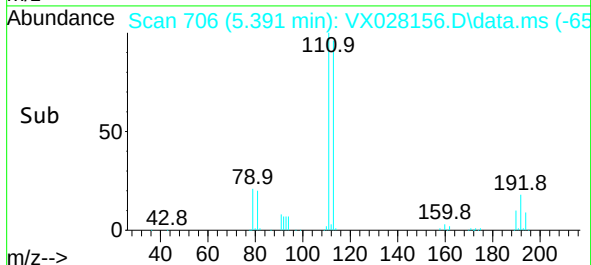
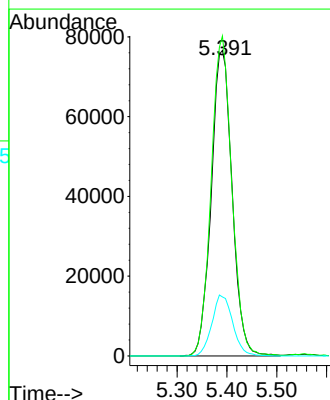
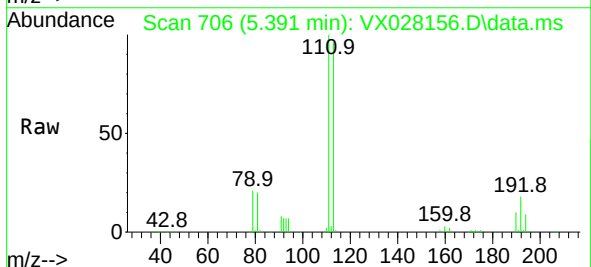
Instrument :
MSVOA_X
ClientSampleId :
IBLK

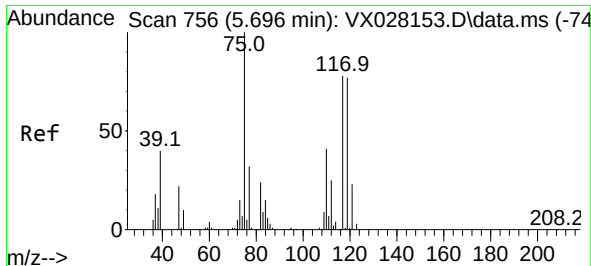
Tgt Ion:114 Resp: 698359
Ion Ratio Lower Upper
114 100
63 17.9 0.0 36.8
88 15.7 0.0 32.4



#35
Dibromofluoromethane
Concen: 45.569 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028156.D
Acq: 19 Apr 2022 13:29

Tgt Ion:113 Resp: 223177
Ion Ratio Lower Upper
113 100
111 103.3 82.8 124.2
192 19.8 16.9 25.3

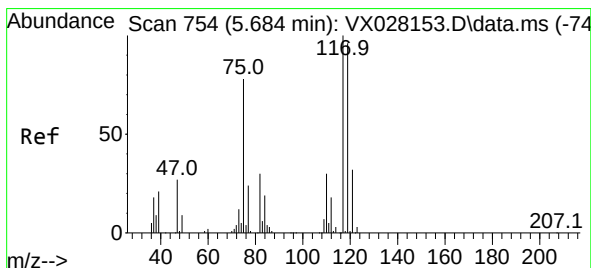
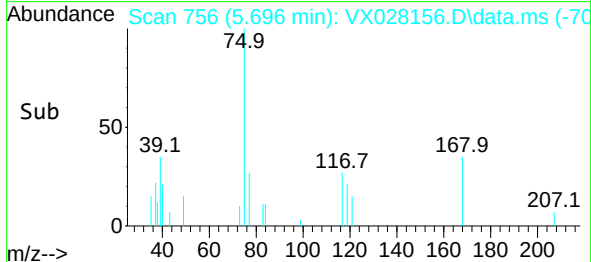
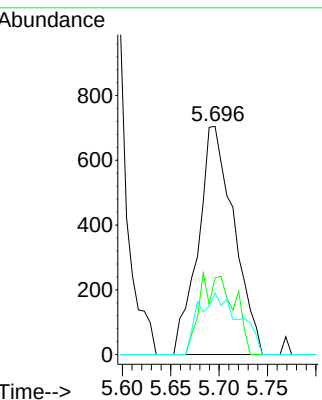
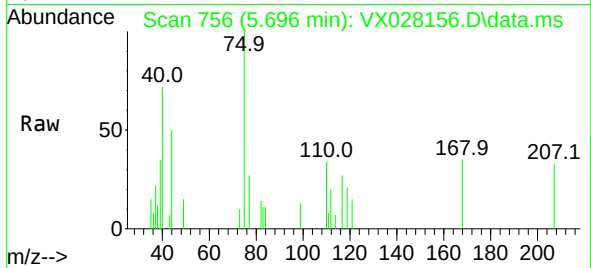




#36
1,1-Dichloropropene
Concen: 0.284 ug/l
RT: 5.696 min Scan# 713
Delta R.T. -0.000 min
Lab File: VX028156.D
Acq: 19 Apr 2022 13:29

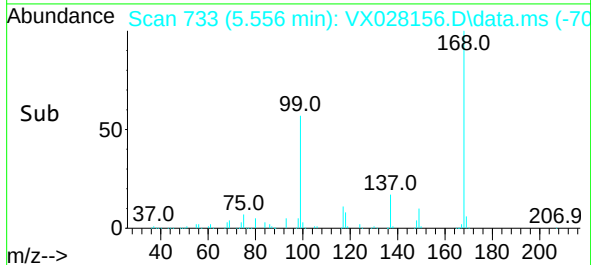
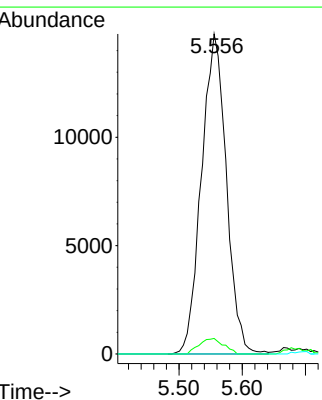
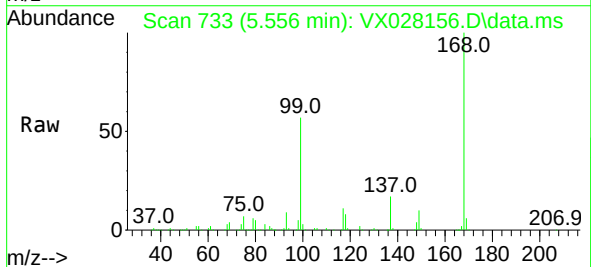
Instrument :
MSVOA_X
ClientSampleId :
IBLK

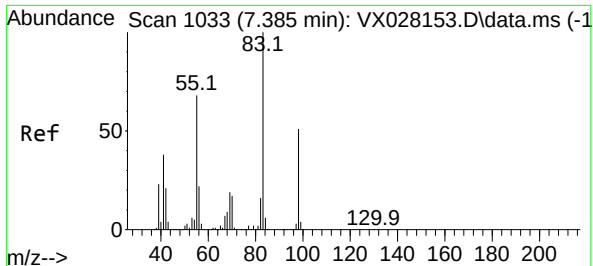
Tgt Ion: 75 Resp: 1813
Ion Ratio Lower Upper
75 100
110 33.1 18.3 54.8
77 30.6 24.8 37.2



#38
Carbon Tetrachloride
Concen: 5.593 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX028156.D
Acq: 19 Apr 2022 13:29

Tgt Ion: 117 Resp: 40335
Ion Ratio Lower Upper
117 100
119 4.8 77.3 115.9#
121 0.0 24.2 36.2#





#39

Methylcyclohexane

Concen: 0.214 ug/l

RT: 7.378 min Scan# 1033

Delta R.T. -0.007 min

Lab File: VX028156.D

Acq: 19 Apr 2022 13:29

Instrument :

MSVOA_X

ClientSampleId :

IBLK

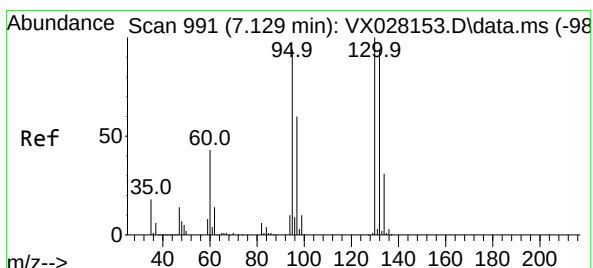
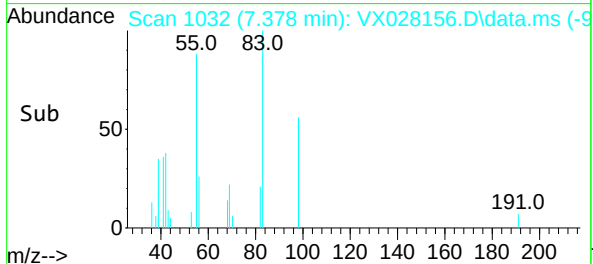
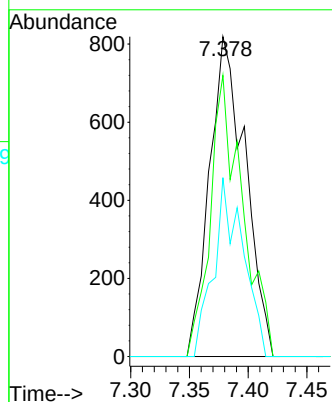
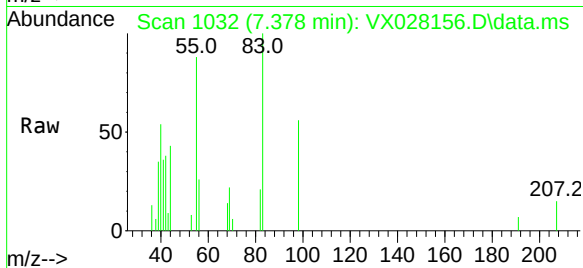
Tgt Ion: 83 Resp: 1728

Ion Ratio Lower Upper

83 100

55 87.9 54.6 81.8#

98 55.9 37.4 56.2



#44

Trichloroethene

Concen: 0.244 ug/l

RT: 7.122 min Scan# 990

Delta R.T. -0.007 min

Lab File: VX028156.D

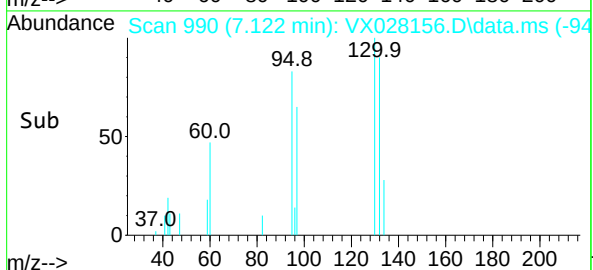
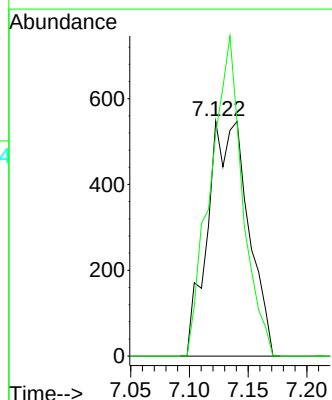
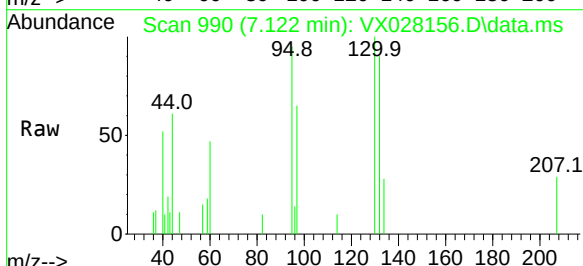
Acq: 19 Apr 2022 13:29

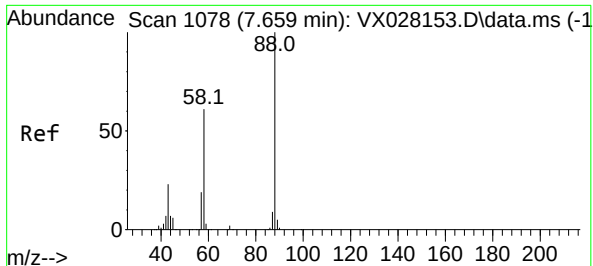
Tgt Ion:130 Resp: 1321

Ion Ratio Lower Upper

130 100

95 94.9 0.0 188.8





#49

1,4-Dioxane

Concen: 0.432 ug/l

RT: 7.671 min Scan# 1

Delta R.T. 0.012 min

Lab File: VX028156.D

Acq: 19 Apr 2022 13:29

Instrument :

MSVOA_X

ClientSampleId :

IBLK

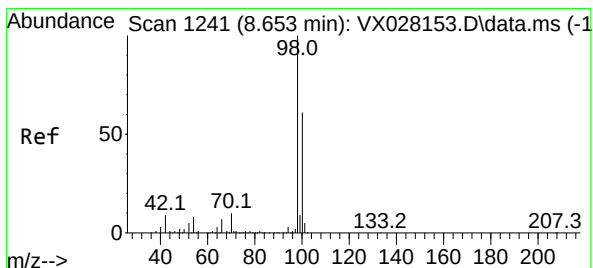
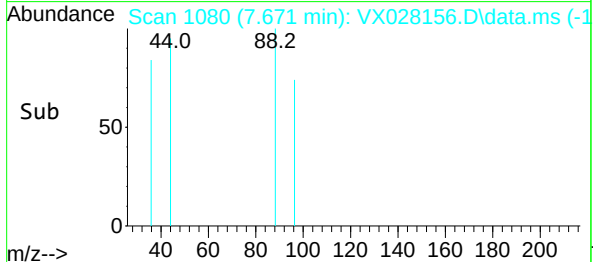
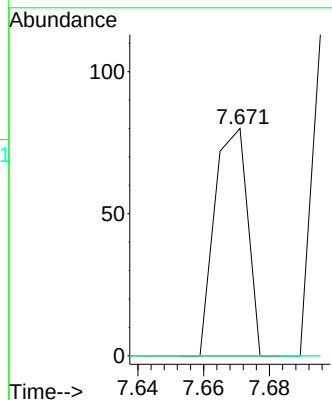
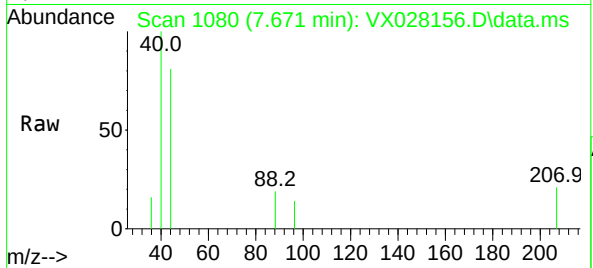
Tgt Ion: 88 Resp: 56

Ion Ratio Lower Upper

88 100

43 0.0 21.9 32.9#

58 0.0 53.7 80.5#



#50

Toluene-d8

Concen: 44.445 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX028156.D

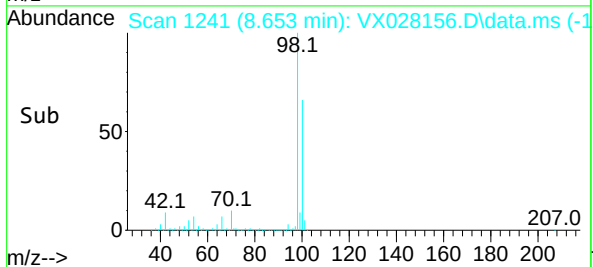
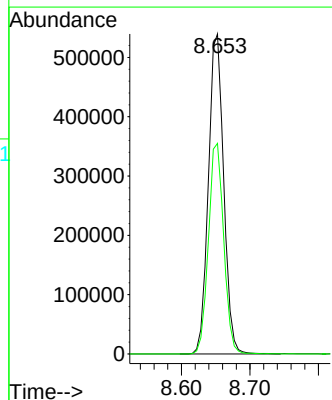
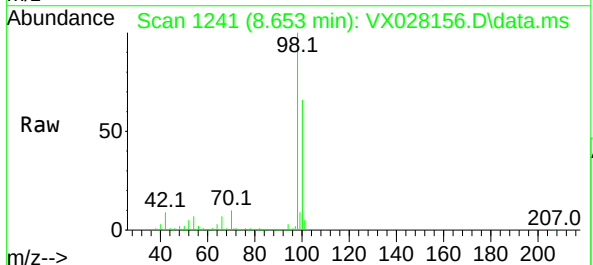
Acq: 19 Apr 2022 13:29

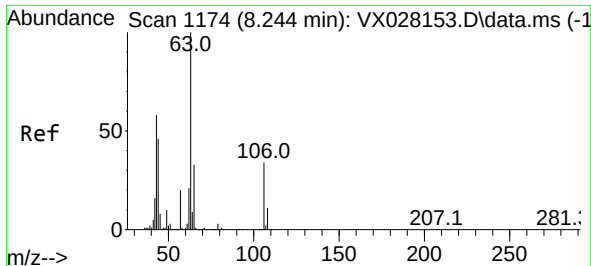
Tgt Ion: 98 Resp: 836039

Ion Ratio Lower Upper

98 100

100 66.0 52.6 78.8

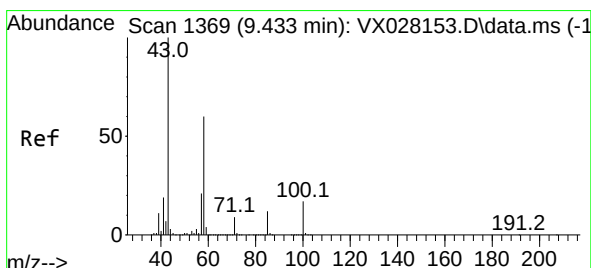
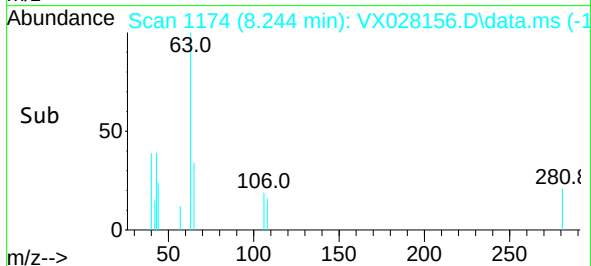
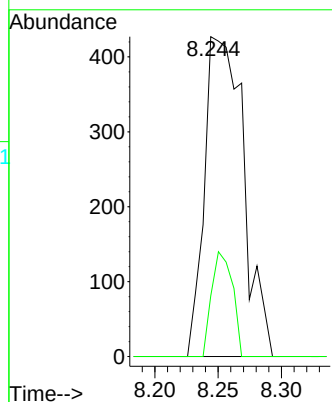
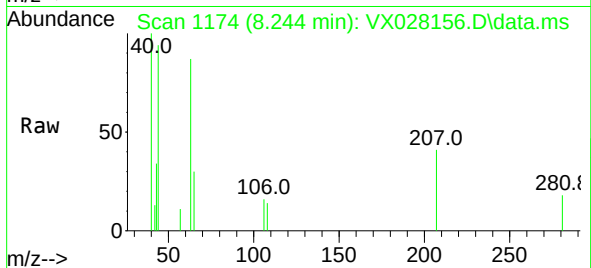




#58
2-Chloroethyl Vinyl ether
Concen: 0.255 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX028156.D
Acq: 19 Apr 2022 13:29

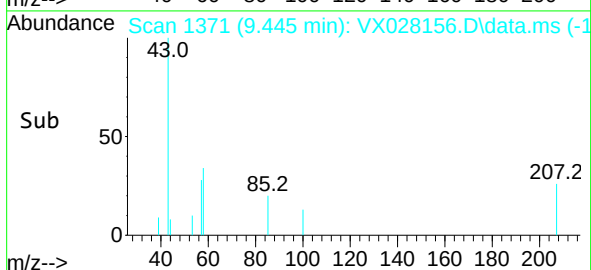
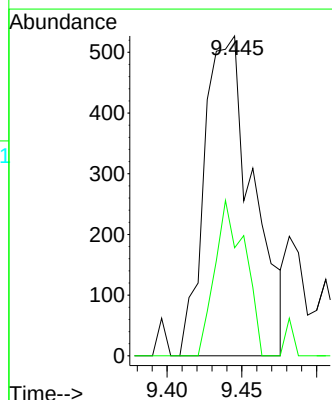
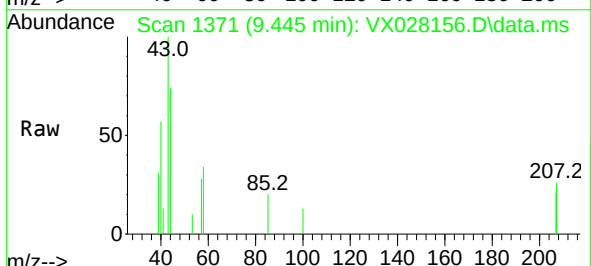
Instrument :
MSVOA_X
ClientSampleId :
IBLK

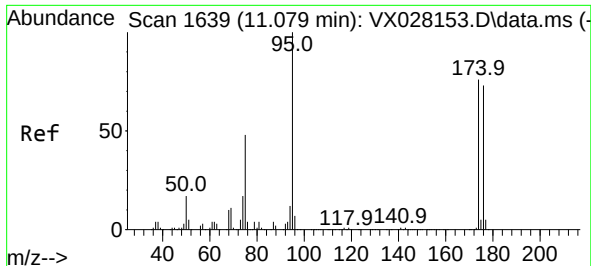
Tgt Ion: 63 Resp: 915
Ion Ratio Lower Upper
63 100
106 17.5 23.9 35.9#



#59
2-Hexanone
Concen: 0.226 ug/l
RT: 9.445 min Scan# 1371
Delta R.T. 0.012 min
Lab File: VX028156.D
Acq: 19 Apr 2022 13:29

Tgt Ion: 43 Resp: 1187
Ion Ratio Lower Upper
43 100
58 30.1 31.9 95.7#





#62

4-Bromofluorobenzene

Concen: 41.875 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX028156.D

Acq: 19 Apr 2022 13:29

Instrument :

MSVOA_X

ClientSampleId :

IBLK

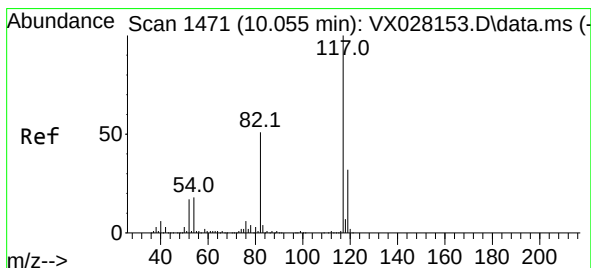
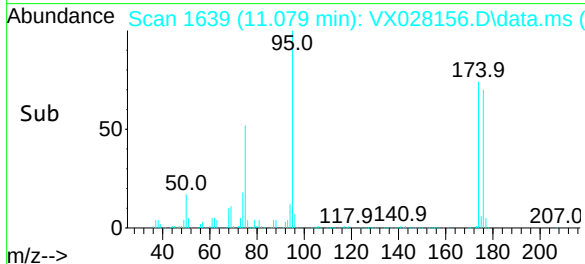
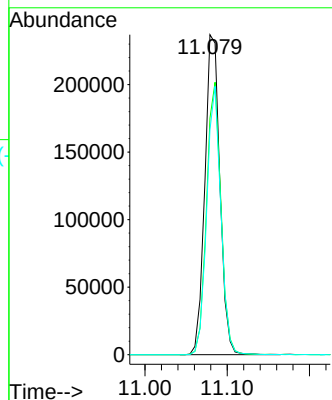
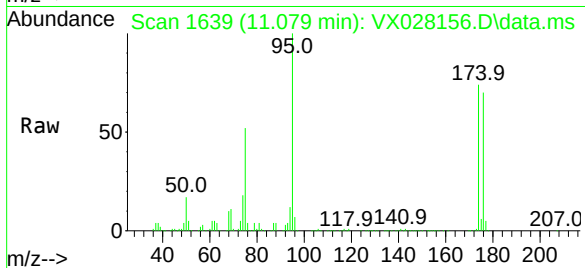
Tgt Ion: 95 Resp: 301180

Ion Ratio Lower Upper

95 100

174 81.5 0.0 163.0

176 78.6 0.0 155.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX028156.D

Acq: 19 Apr 2022 13:29

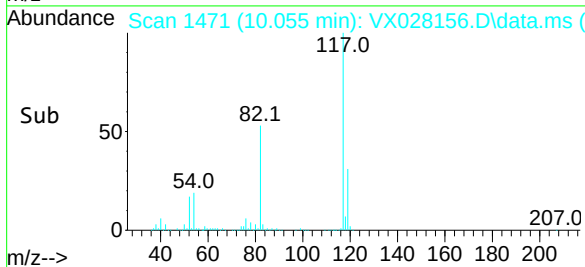
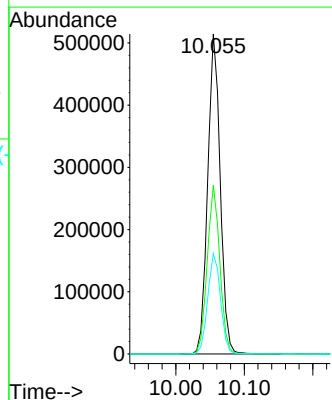
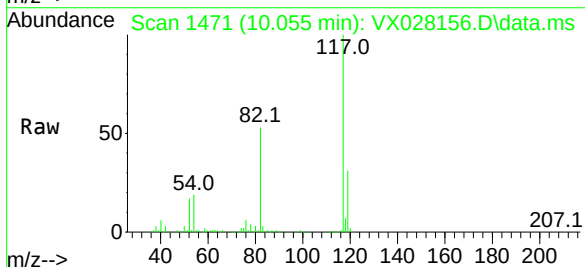
Tgt Ion: 117 Resp: 654266

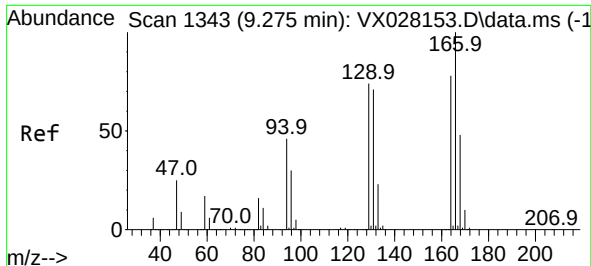
Ion Ratio Lower Upper

117 100

82 52.8 41.8 62.8

119 31.4 24.8 37.2

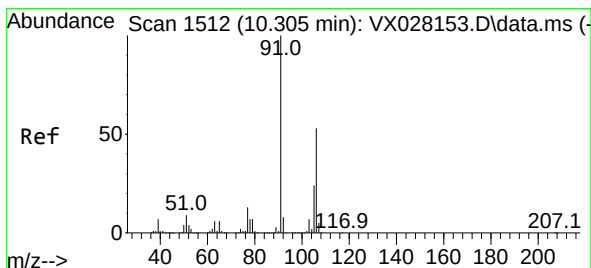
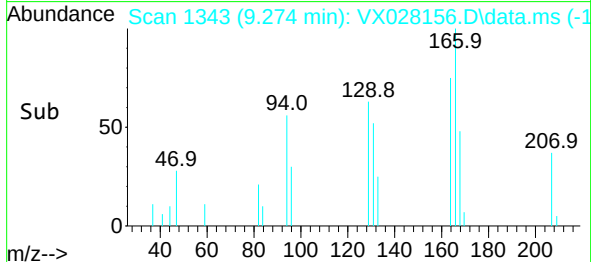
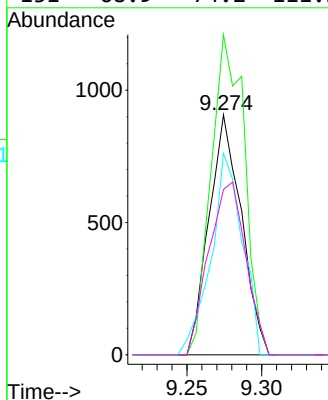
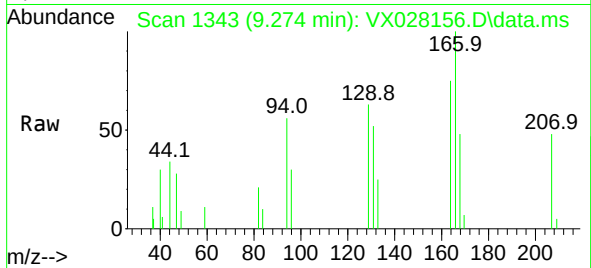




#64
Tetrachloroethene
Concen: 0.267 ug/l
RT: 9.274 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX028156.D
Acq: 19 Apr 2022 13:29

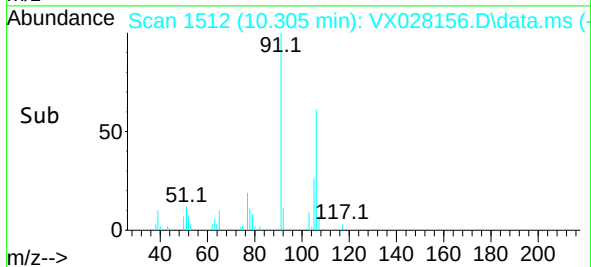
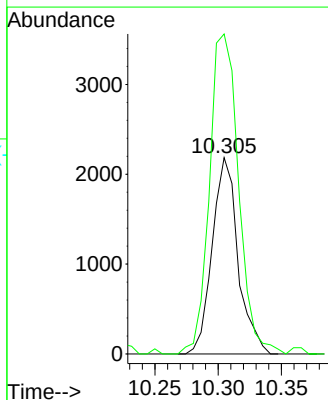
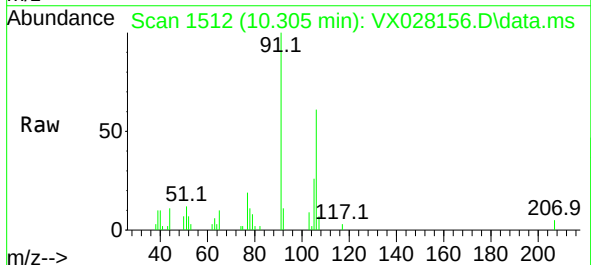
Instrument :
MSVOA_X
ClientSampleId :
IBLK

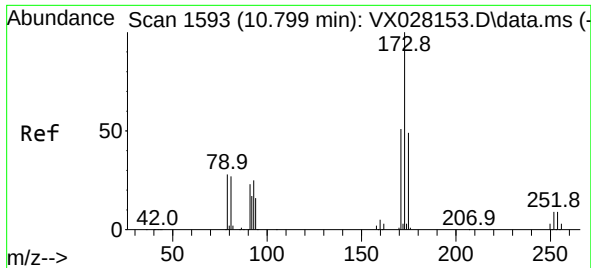
Tgt Ion:164 Resp: 1363
Ion Ratio Lower Upper
164 100
166 133.4 101.2 151.8
129 84.0 73.0 109.4
131 68.9 74.2 111.2#



#68
m/p-Xylenes
Concen: 0.325 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX028156.D
Acq: 19 Apr 2022 13:29

Tgt Ion:106 Resp: 3094
Ion Ratio Lower Upper
106 100
91 183.9 160.4 240.6

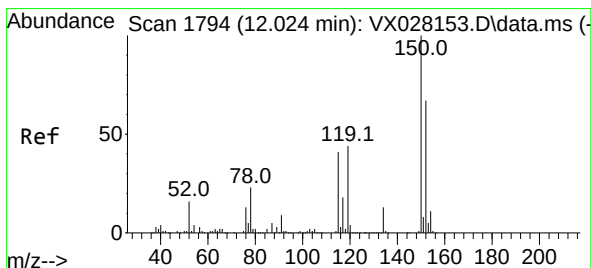
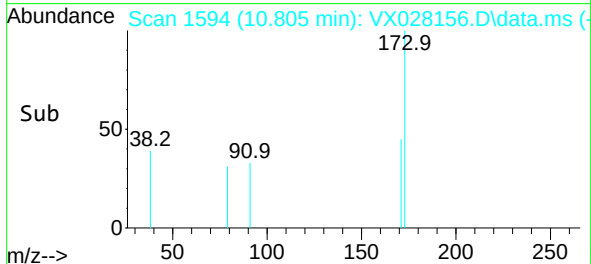
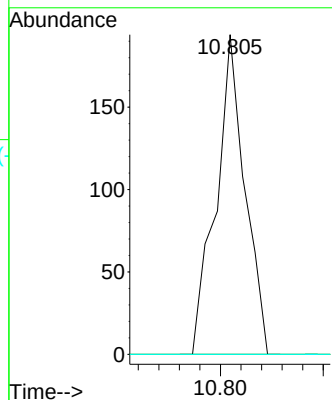
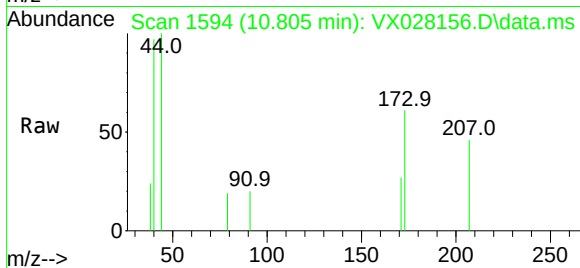




#71
Bromoform
Concen: 3.612 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX028156.D
Acq: 19 Apr 2022 13:29

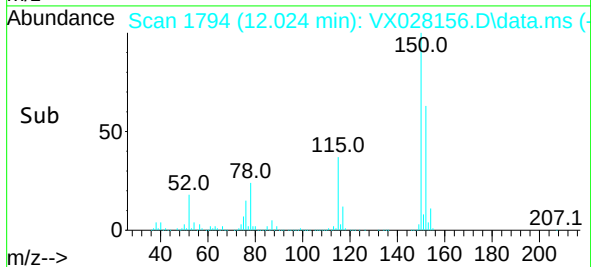
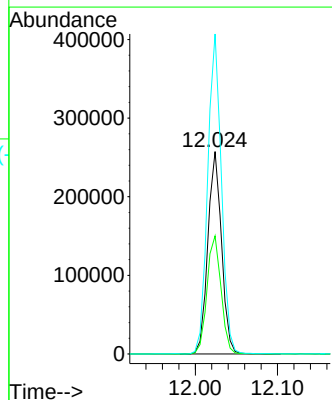
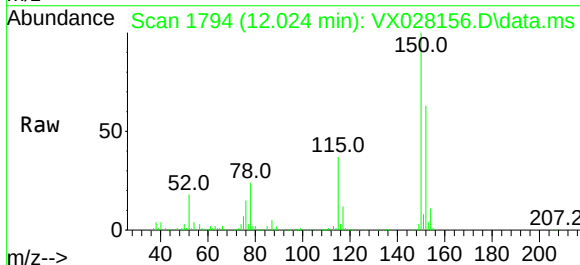
Instrument :
MSVOA_X
ClientSampleId :
IBLK

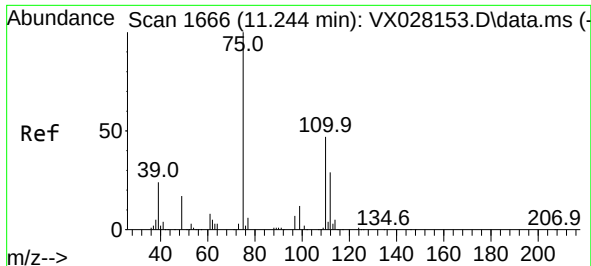
Tgt Ion:173 Resp: 190
Ion Ratio Lower Upper
173 100
175 0.0 24.1 72.2#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX028156.D
Acq: 19 Apr 2022 13:29

Tgt Ion:152 Resp: 297595
Ion Ratio Lower Upper
152 100
115 59.8 37.5 112.7
150 158.1 0.0 338.2

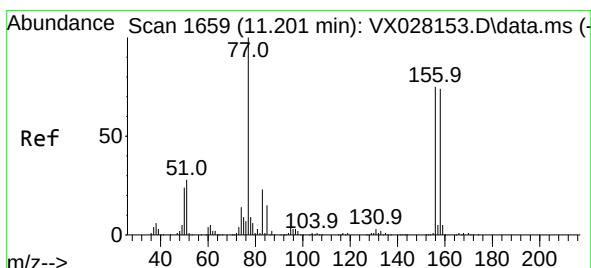
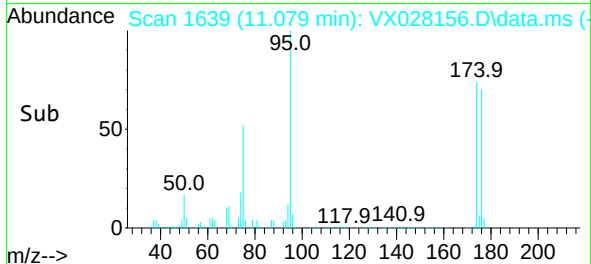
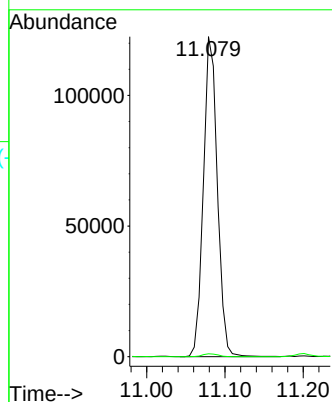
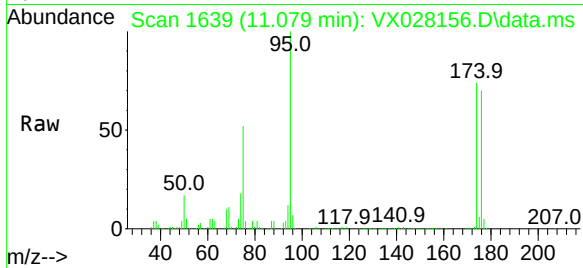




#76
1,2,3-Trichloropropane
Concen: 25.880 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX028156.D
Acq: 19 Apr 2022 13:29

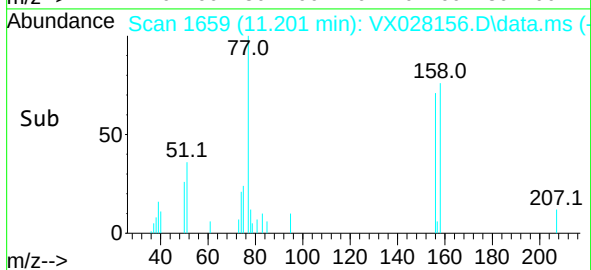
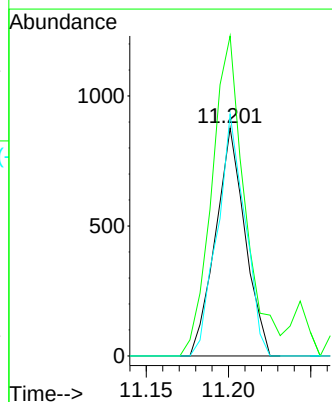
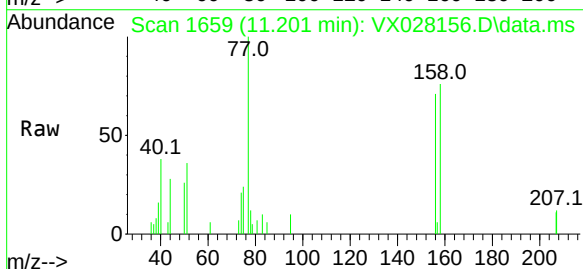
Instrument :
MSVOA_X
ClientSampleId :
IBLK

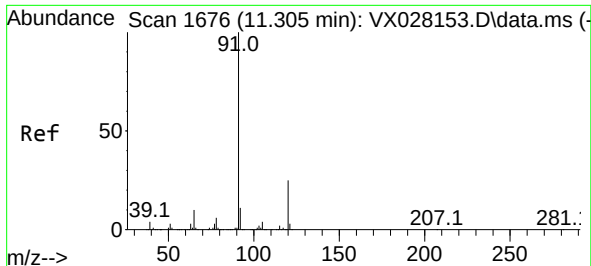
Tgt Ion: 75 Resp: 151578
Ion Ratio Lower Upper
75 100
77 1.0 19.4 58.2#



#77
Bromobenzene
Concen: 0.206 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. -0.000 min
Lab File: VX028156.D
Acq: 19 Apr 2022 13:29

Tgt Ion: 156 Resp: 1096
Ion Ratio Lower Upper
156 100
77 157.1 78.5 235.3
158 99.7 50.2 150.7

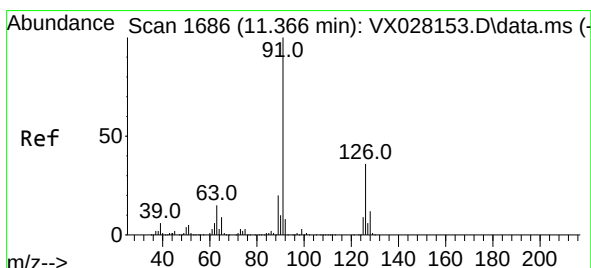
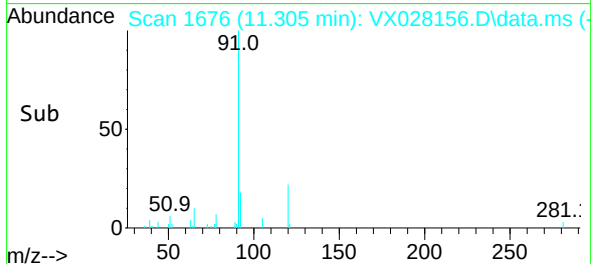
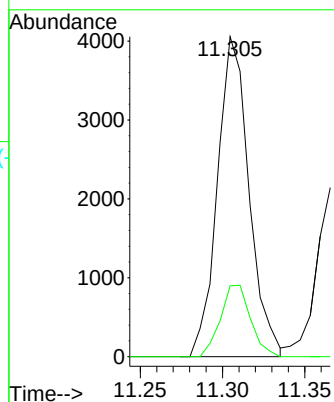
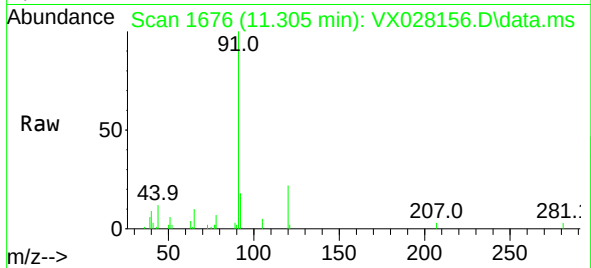




#78
n-propylbenzene
Concen: 0.239 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX028156.D
Acq: 19 Apr 2022 13:29

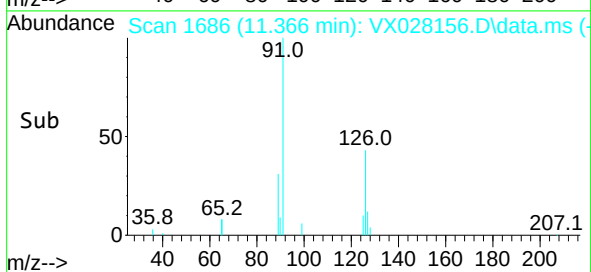
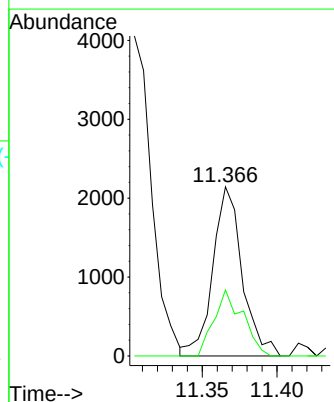
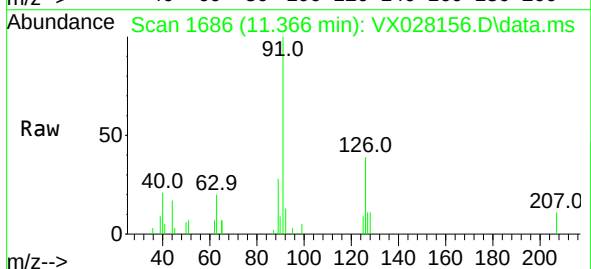
Instrument :
MSVOA_X
ClientSampleId :
IBLK

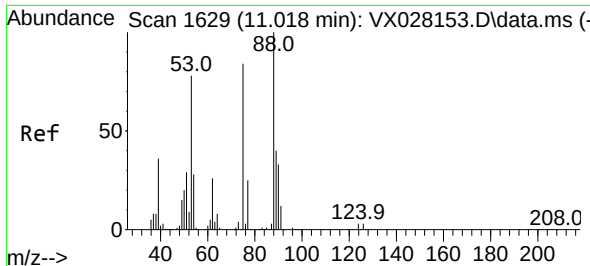
Tgt Ion: 91 Resp: 5421
Ion Ratio Lower Upper
91 100
120 21.3 11.6 34.8



#79
2-Chlorotoluene
Concen: 0.207 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX028156.D
Acq: 19 Apr 2022 13:29

Tgt Ion: 91 Resp: 2924
Ion Ratio Lower Upper
91 100
126 38.3 17.3 51.9

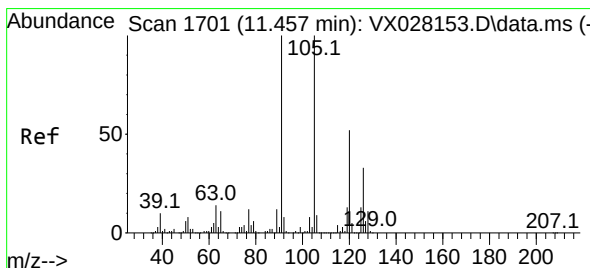
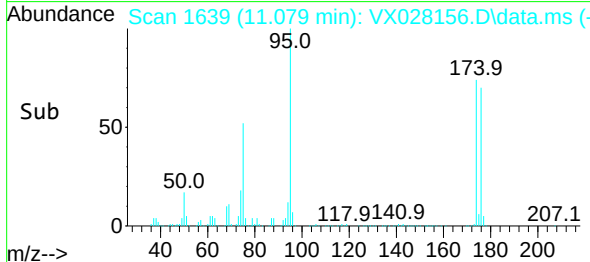
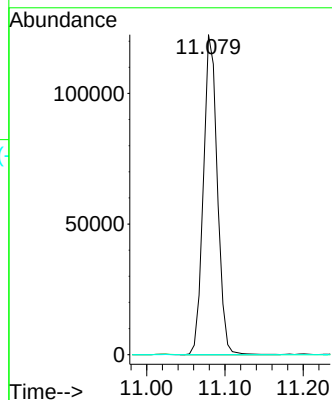
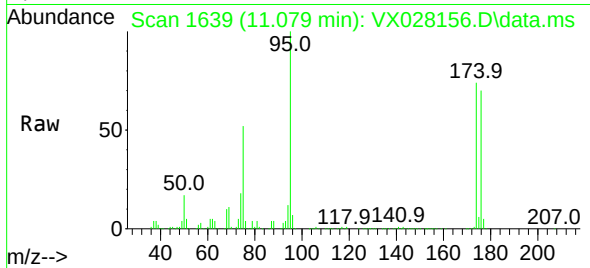




#81
trans-1,4-Dichloro-2-butene
Concen: 76.910 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028156.D
Acq: 19 Apr 2022 13:29

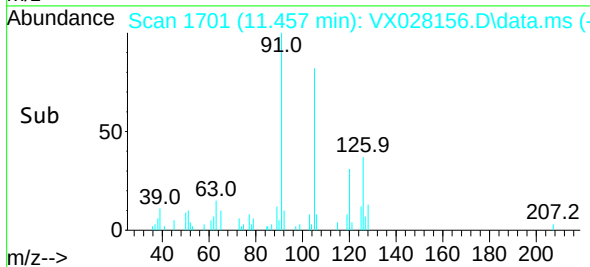
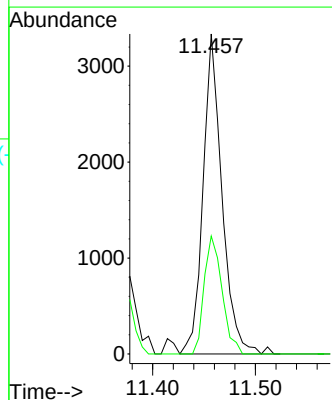
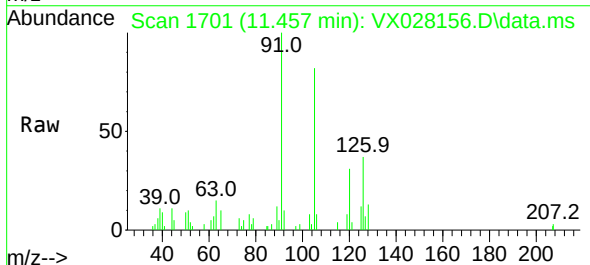
Instrument :
MSVOA_X
ClientSampleId :
IBLK

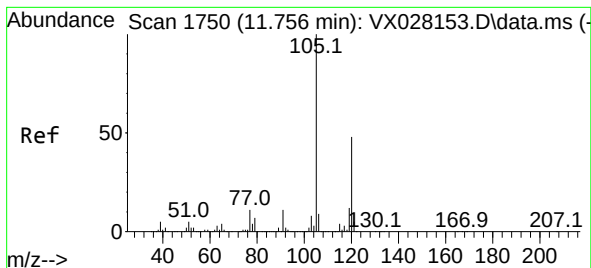
Tgt Ion: 75 Resp: 151578
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#82
4-Chlorotoluene
Concen: 0.264 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX028156.D
Acq: 19 Apr 2022 13:29

Tgt Ion: 91 Resp: 4295
Ion Ratio Lower Upper
91 100
126 34.7 14.9 44.5





#84

1,2,4-Trimethylbenzene

Concen: 0.210 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VX028156.D

Acq: 19 Apr 2022 13:29

Instrument :

MSVOA_X

ClientSampleId :

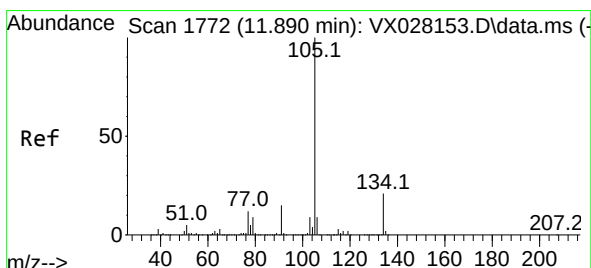
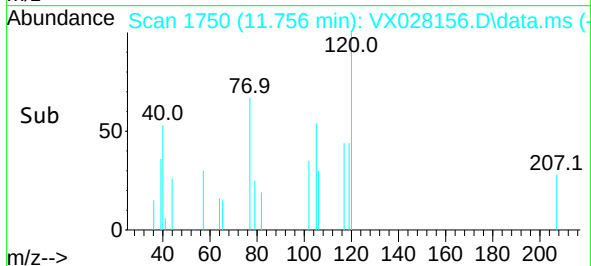
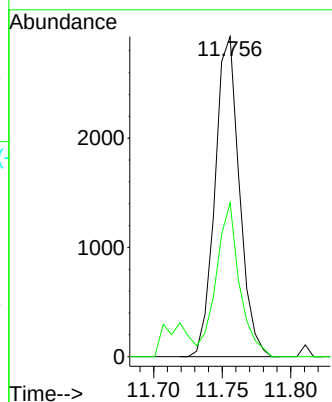
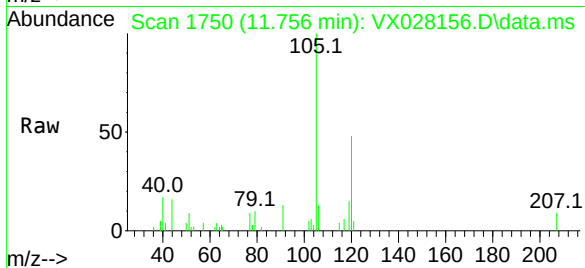
IBLK

Tgt Ion:105 Resp: 3625

Ion Ratio Lower Upper

105 100

120 45.8 22.6 67.8



#85

sec-Butylbenzene

Concen: 0.244 ug/l

RT: 11.896 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VX028156.D

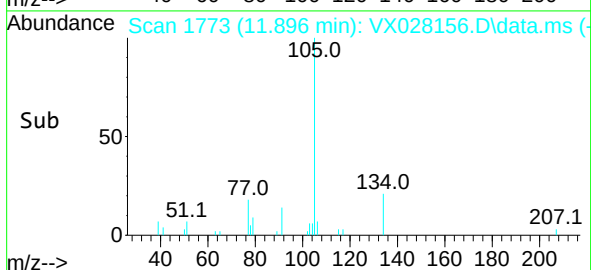
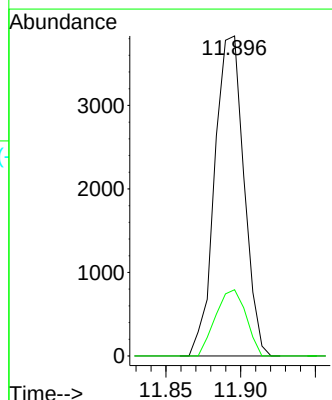
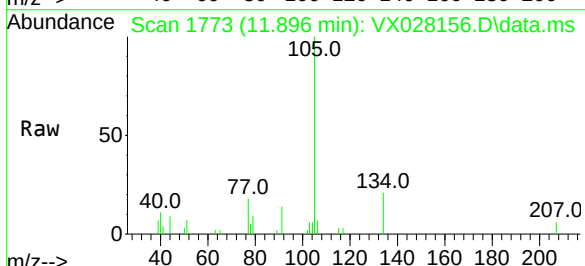
Acq: 19 Apr 2022 13:29

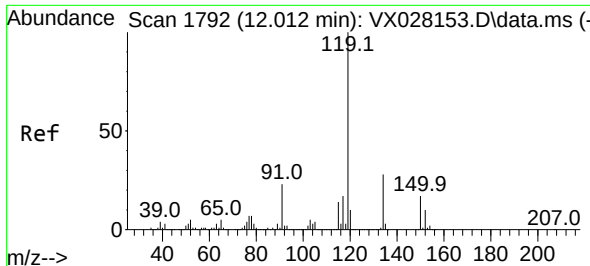
Tgt Ion:105 Resp: 5213

Ion Ratio Lower Upper

105 100

134 21.5 10.2 30.4

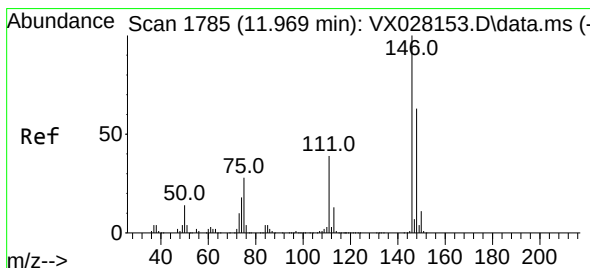
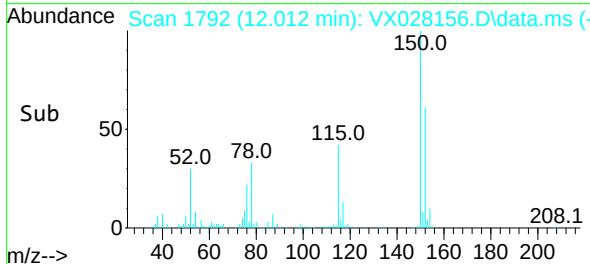
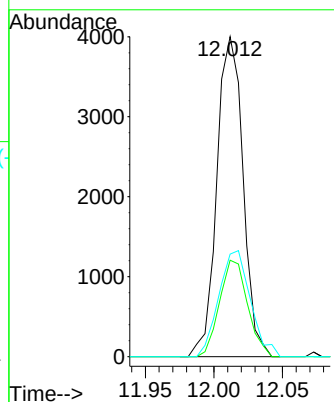
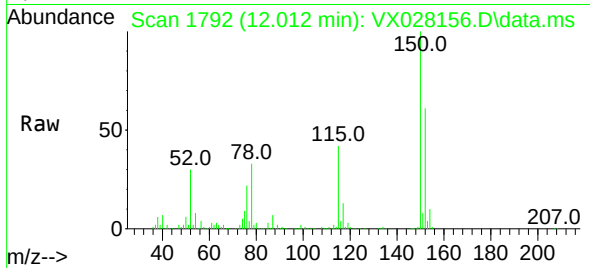




#86
p-Isopropyltoluene
Concen: 0.288 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VX028156.D
Acq: 19 Apr 2022 13:29

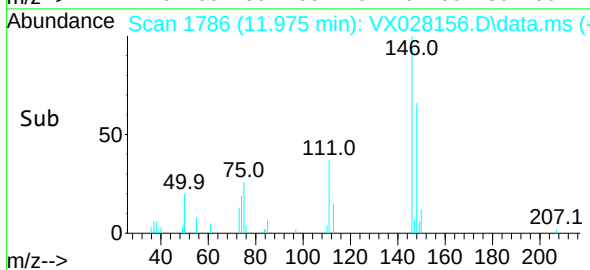
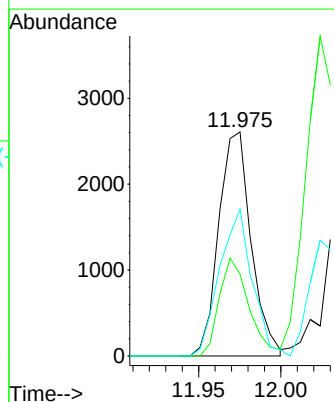
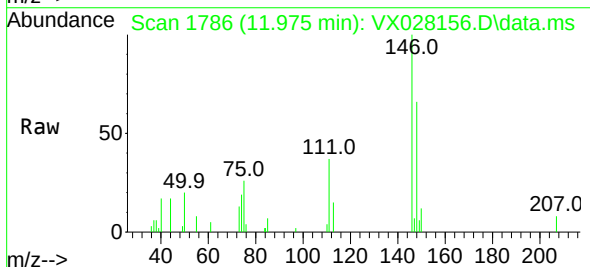
Instrument :
MSVOA_X
ClientSampleId :
IBLK

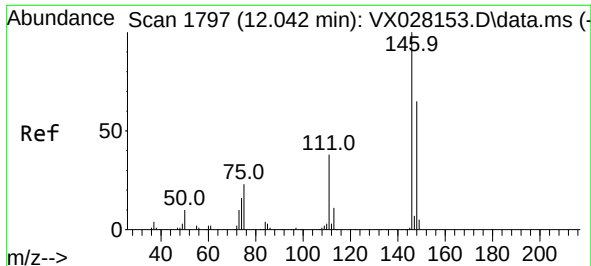
Tgt Ion:119 Resp: 5317
Ion Ratio Lower Upper
119 100
134 32.3 13.0 39.0
91 40.0 11.3 33.9#



#87
1,3-Dichlorobenzene
Concen: 0.357 ug/l
RT: 11.975 min Scan# 1786
Delta R.T. 0.006 min
Lab File: VX028156.D
Acq: 19 Apr 2022 13:29

Tgt Ion:146 Resp: 3571
Ion Ratio Lower Upper
146 100
111 40.1 19.7 59.1
148 65.9 31.6 94.7

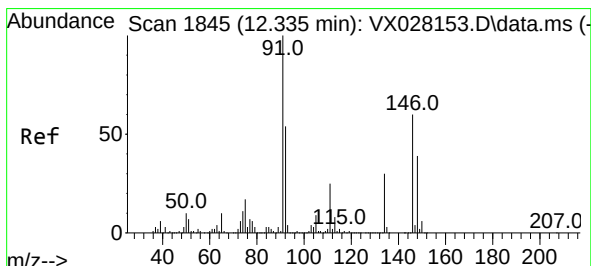
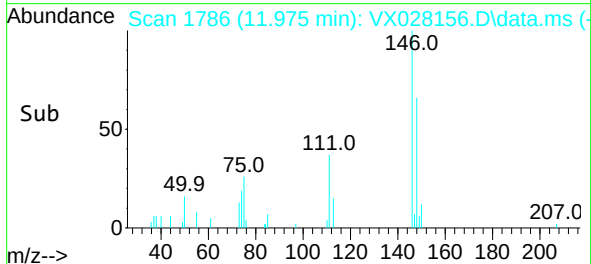
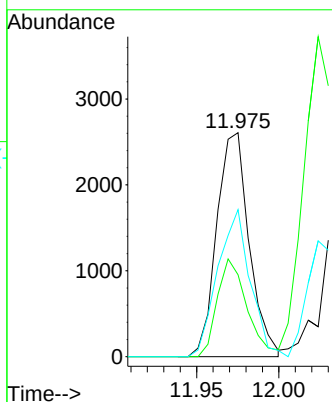
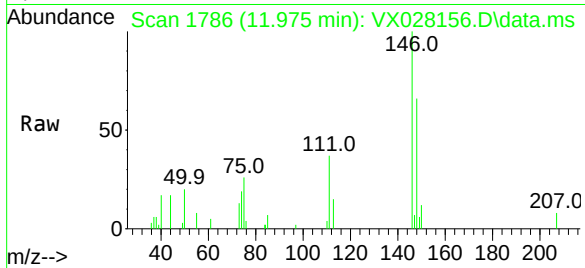




#88
1,4-Dichlorobenzene
Concen: 0.340 ug/l
RT: 11.975 min Scan# 11
Delta R.T. -0.067 min
Lab File: VX028156.D
Acq: 19 Apr 2022 13:29

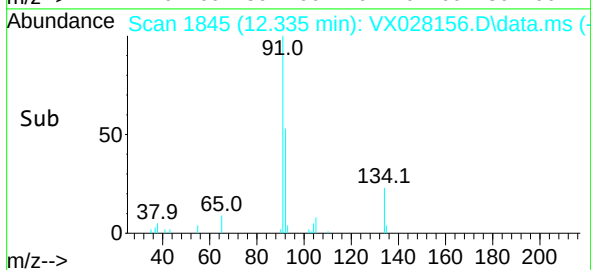
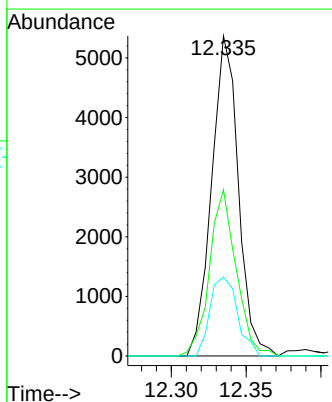
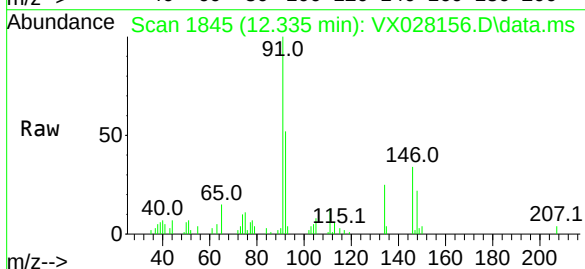
Instrument :
MSVOA_X
ClientSampleId :
IBLK

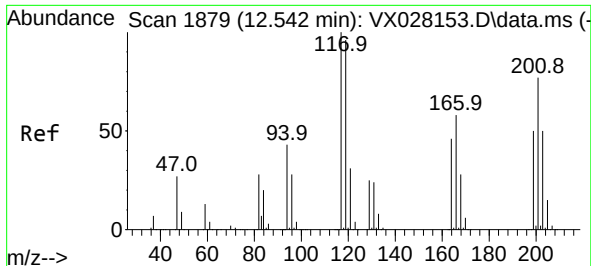
Tgt Ion:146 Resp: 3571
Ion Ratio Lower Upper
146 100
111 40.1 19.2 57.6
148 65.9 32.3 96.9



#89
n-Butylbenzene
Concen: 0.440 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX028156.D
Acq: 19 Apr 2022 13:29

Tgt Ion: 91 Resp: 6670
Ion Ratio Lower Upper
91 100
92 51.9 27.8 83.3
134 25.3 13.3 39.8

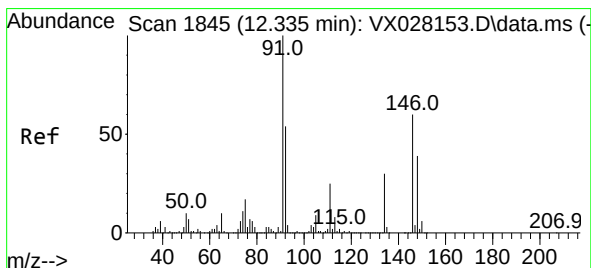
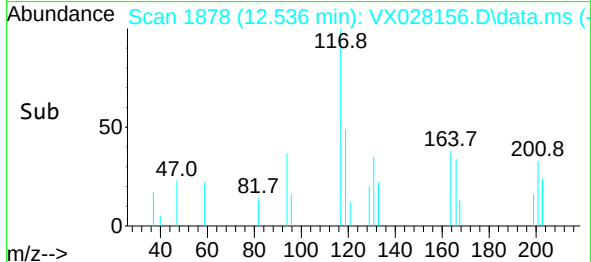
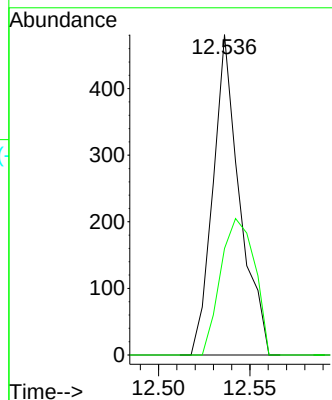
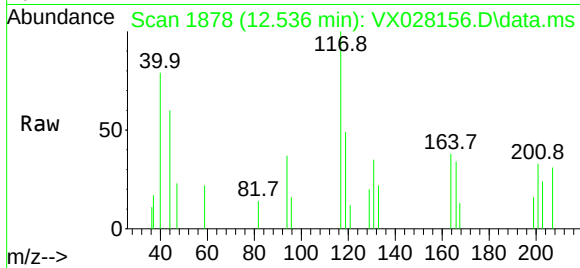




#90
Hexachloroethane
Concen: 1.955 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.006 min
Lab File: VX028156.D
Acq: 19 Apr 2022 13:29

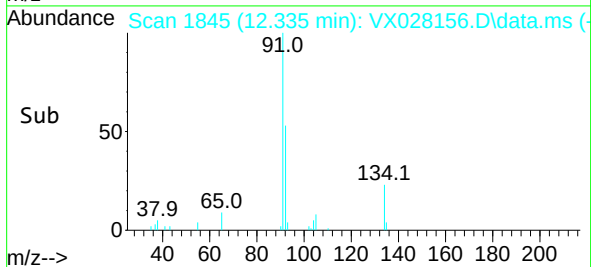
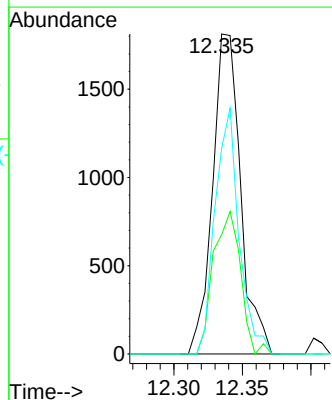
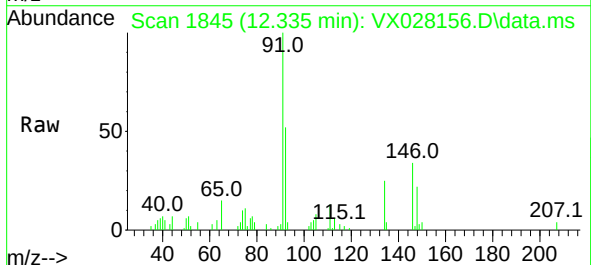
Instrument :
MSVOA_X
ClientSampleId :
IBLK

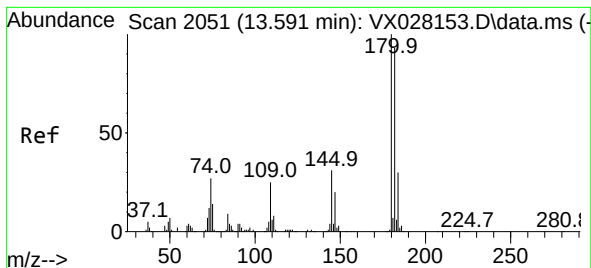
Tgt Ion:117 Resp: 487
Ion Ratio Lower Upper
117 100
201 54.6 39.5 118.5



#91
1,2-Dichlorobenzene
Concen: 0.259 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX028156.D
Acq: 19 Apr 2022 13:29

Tgt Ion:146 Resp: 2578
Ion Ratio Lower Upper
146 100
111 43.2 21.0 63.0
148 65.7 32.6 97.7





#93

1,2,4-Trichlorobenzene

Concen: 0.696 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. -0.000 min

Lab File: VX028156.D

Acq: 19 Apr 2022 13:29

Instrument :

MSVOA_X

ClientSampleId :

IBLK

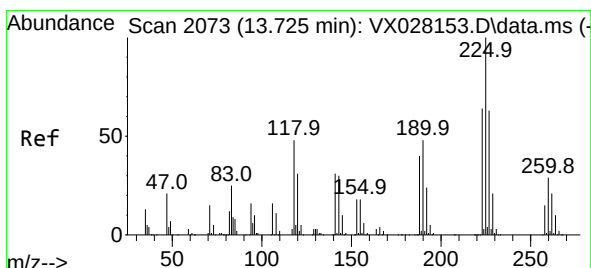
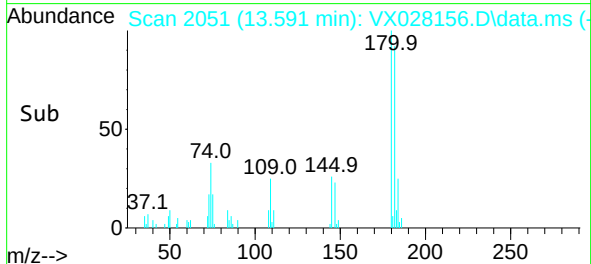
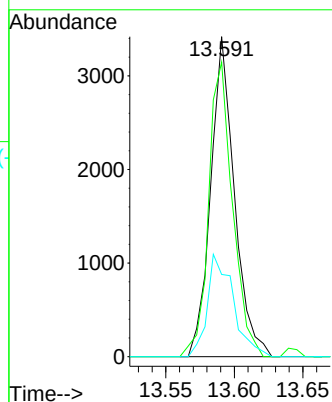
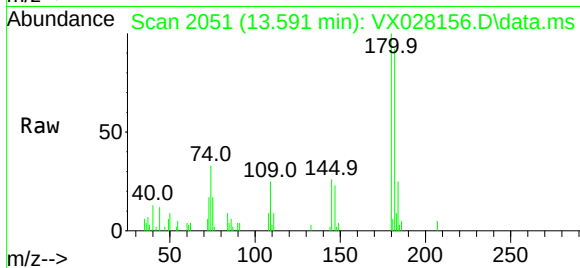
Tgt Ion:180 Resp: 4115

Ion Ratio Lower Upper

180 100

182 92.6 47.7 143.1

145 35.0 15.2 45.5



#94

Hexachlorobutadiene

Concen: 1.269 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX028156.D

Acq: 19 Apr 2022 13:29

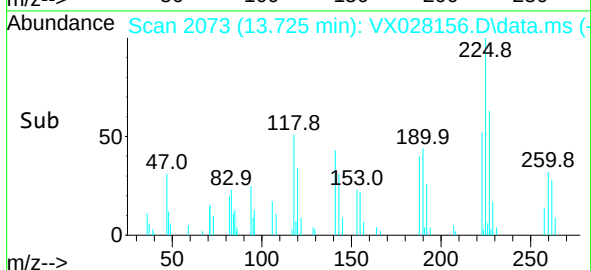
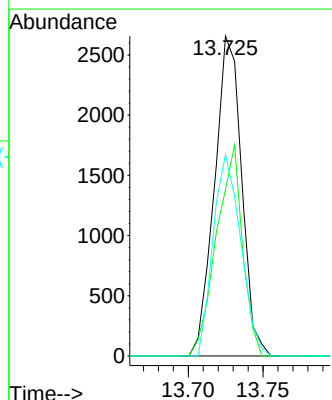
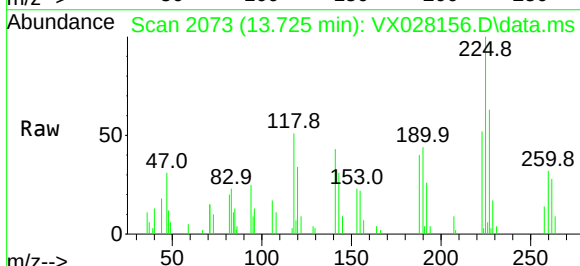
Tgt Ion:225 Resp: 3348

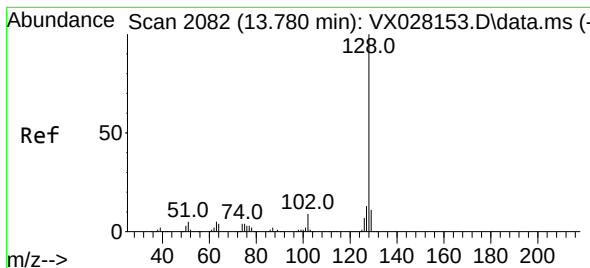
Ion Ratio Lower Upper

225 100

223 63.0 34.2 102.5

227 64.1 33.9 101.7





#95

Naphthalene

Concen: 0.578 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VX028156.D

Acq: 19 Apr 2022 13:29

Instrument :

MSVOA_X

ClientSampleId :

IBLK

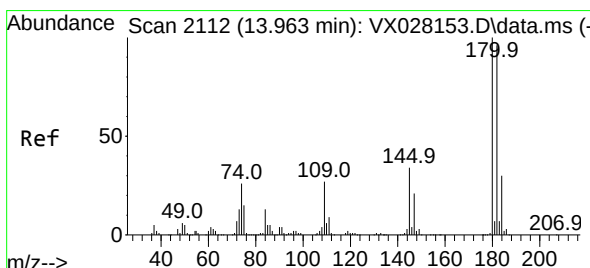
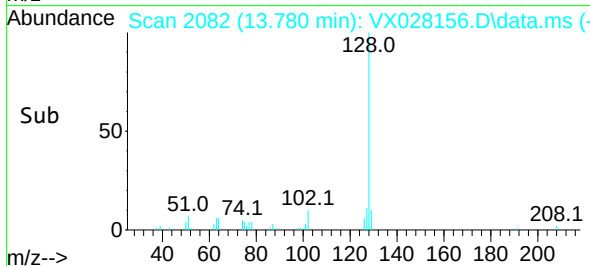
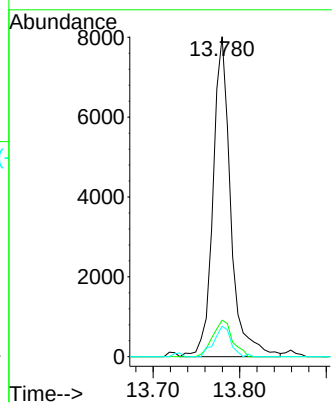
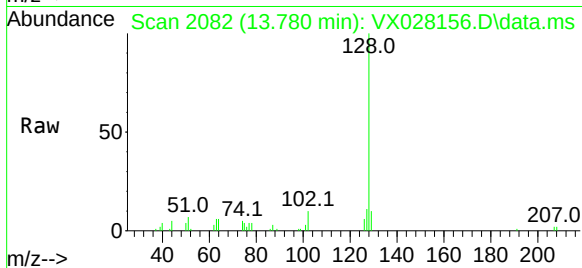
Tgt Ion:128 Resp: 11383

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.4

129 9.2 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 0.713 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX028156.D

Acq: 19 Apr 2022 13:29

Tgt Ion:180 Resp: 4138

Ion Ratio Lower Upper

180 100

182 98.1 50.0 149.8

145 31.3 16.2 48.5

