

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030322\
 Data File : VX027278.D
 Acq On : 03 Mar 2022 18:16
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Mar 04 02:40:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X030322W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 04 01:00:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.910	128	11520	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	62743	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	56086	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	24450	30.657	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.200%
60) 4-Bromofluorobenzene	11.079	95	25902	28.508	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	95.033%
63) Toluene-d8	8.653	98	73449	29.956	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.867%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	240	0.325	ug/l	98
3) Chloromethane	1.301	50	206	0.347	ug/l	98
4) Vinyl Chloride	1.374	62	184	0.324	ug/l #	27
5) Bromomethane	1.624	94	376	1.232	ug/l	82
7) Trichlorofluoromethane	1.892	101	301	0.310	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	262	0.386	ug/l	94
10) 1,1-Dichloroethene	2.319	96	205	0.311	ug/l #	86
11) Methyl Iodide	2.459	142	211	0.274	ug/l #	68
13) Acrolein	2.240	56	173	1.267	ug/l #	78
14) Acrylonitrile	3.081	53	404	1.044	ug/l #	52
16) Carbon Disulfide	2.514	76	2820	1.610	ug/l #	93
18) Methylene Chloride	2.794	84	389	0.522	ug/l #	83
19) trans-1,2-Dichloroethene	3.105	96	447	0.626	ug/l #	59
26) Cyclohexane	5.465	56	334	0.301	ug/l #	93
29) 1,1-Dichloropropene	5.696	75	214	0.223	ug/l #	41
37) Trichloroethene	7.129	130	349	0.412	ug/l	94
38) Methylcyclohexane	7.391	83	305	0.257	ug/l	87
40) Dibromomethane	7.592	93	119	0.231	ug/l #	60
41) Bromodichloromethane	7.391	83	305	0.308	ug/l #	26
46) Methyl methacrylate	7.385	41	188	0.239	ug/l #	44
53) Dibromochloromethane	9.275	129	361	0.452	ug/l #	11
55) 2-Chloroethyl vinyl ether	8.257	63	481	0.875	ug/l #	48
56) Bromoform	11.085	173	239	0.409	ug/l #	1
59) 2-Hexanone	9.439	43	282	0.363	ug/l #	84
61) Tetrachloroethene	9.281	164	348	0.425	ug/l	86
62) Toluene	8.720	91	723	0.237	ug/l	98
64) Chlorobenzene	10.086	112	651	0.333	ug/l #	82
66) Ethyl Benzene	10.195	91	888	0.258	ug/l	98
67) m/p-Xylenes	10.305	106	890	0.660	ug/l	94
68) o-Xylene	10.647	106	292	0.222	ug/l	97
69) Styrene	10.665	104	605	0.276	ug/l	94
70) Isopropylbenzene	10.964	105	979	0.282	ug/l	98
73) Bromobenzene	11.201	156	280	0.325	ug/l	92
74) n-propylbenzene	11.305	91	1493	0.378	ug/l	96
75) 2-Chlorotoluene	11.366	91	850	0.355	ug/l	96
76) 1,3,5-Trimethylbenzene	11.451	105	900	0.309	ug/l	99
77) t-1,4-Dichloro-2-butene	11.079	75	12568	43.101	ug/l #	3
78) 4-Chlorotoluene	11.457	91	1239	0.455	ug/l	100
79) tert-butylbenzene	11.713	119	916	0.323	ug/l	93

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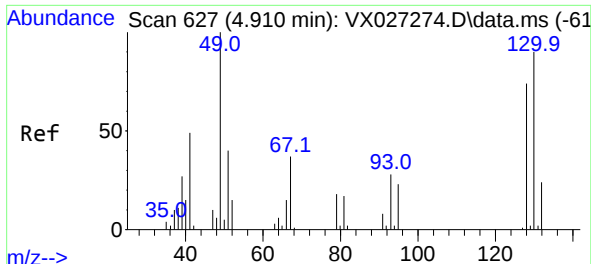
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

80) 1,2,4-Trimethylbenzene	11.756	105	934	0.322	ug/l	95
81) sec-Butylbenzene	11.896	105	1366	0.379	ug/l	93
82) p-Isopropyltoluene	12.012	119	1267	0.411	ug/l	94
83) 1,3-Dichlorobenzene	11.969	146	905	0.561	ug/l	95
84) 1,4-Dichlorobenzene	12.043	146	1048	0.650	ug/l	94
85) n-Butylbenzene	12.335	91	1272	0.506	ug/l	97
87) 1,2-Dichlorobenzene	12.341	146	619	0.397	ug/l	87
89) 1,2,4-Trichlorobenzene	13.591	180	1065	1.039	ug/l	95
90) Hexachlorobutadiene	13.725	225	765	1.777	ug/l	94
91) Naphthalene	13.780	128	2777	0.813	ug/l	95
92) 1,2,3-Trichlorobenzene	13.963	180	1038	1.010	ug/l	99

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

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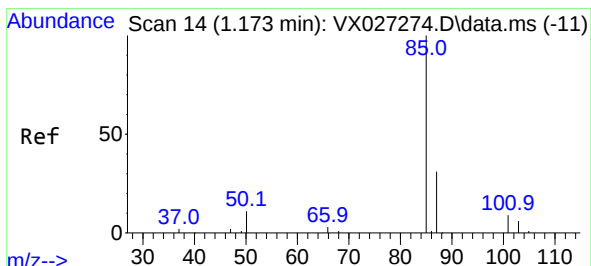
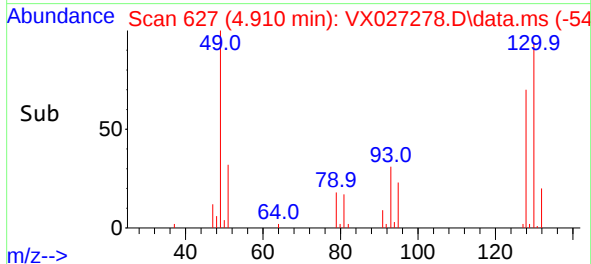
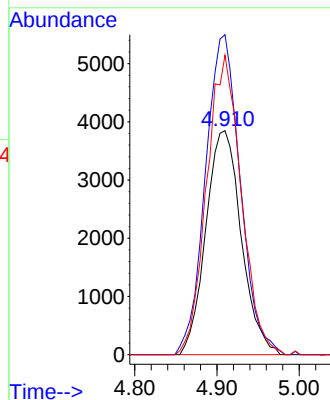
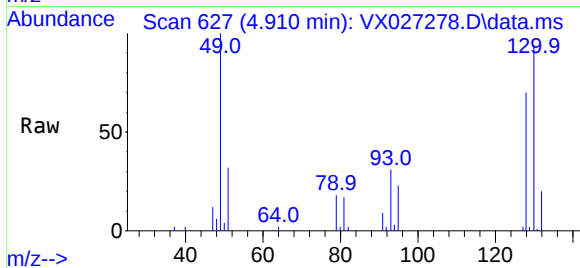




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX027278.D
Acq: 03 Mar 2022 18:16

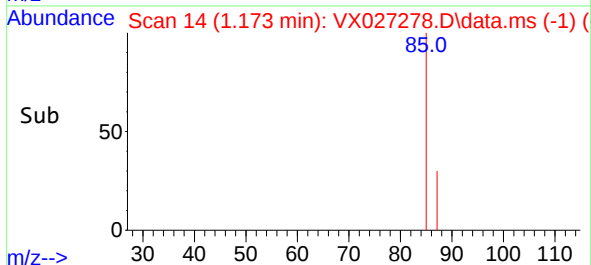
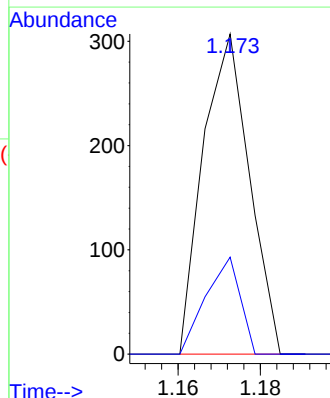
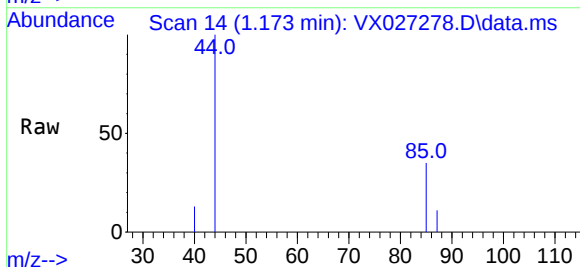
Instrument :
MSVOA_X
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IBLK

Tgt Ion:128 Resp: 11520
Ion Ratio Lower Upper
128 100
49 140.4 0.0 358.3
130 130.6 0.0 319.3

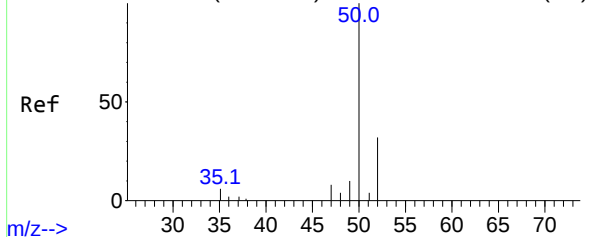


#2
Dichlorodifluoromethane
Concen: 0.325 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX027278.D
Acq: 03 Mar 2022 18:16

Tgt Ion: 85 Resp: 240
Ion Ratio Lower Upper
85 100
87 30.3 15.6 46.8



Abundance Scan 35 (1.301 min): VX027274.D\data.ms (-31)



#3

Chloromethane

Concen: 0.347 ug/l

RT: 1.301 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX027278.D

Acq: 03 Mar 2022 18:16

Instrument :

MSVOA_X

ClientSampleId :

IBLK

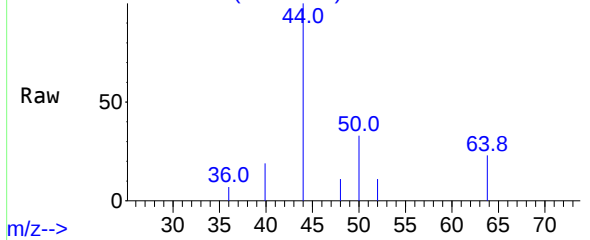
Tgt Ion: 50 Resp: 206

Ion Ratio Lower Upper

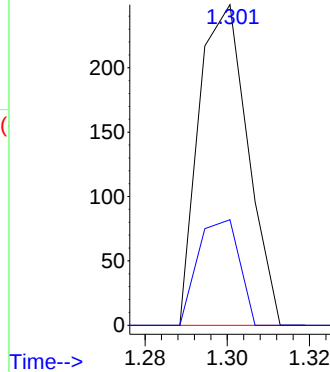
50 100

52 32.9 25.6 38.4

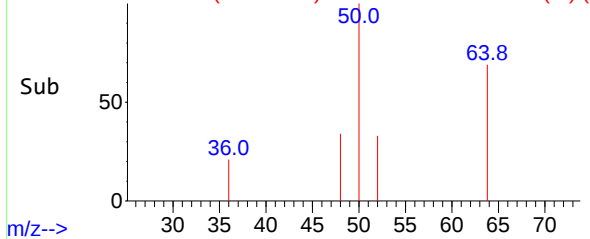
Abundance Scan 35 (1.301 min): VX027278.D\data.ms



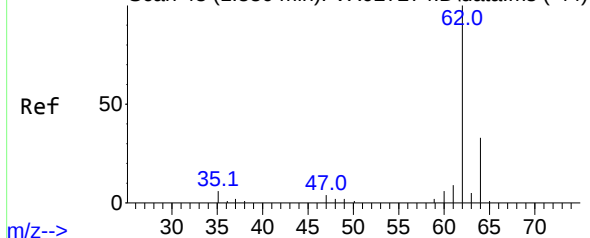
Abundance



Abundance Scan 35 (1.301 min): VX027278.D\data.ms (-1) (



Abundance Scan 48 (1.380 min): VX027274.D\data.ms (-44)



#4

Vinyl Chloride

Concen: 0.324 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.006 min

Lab File: VX027278.D

Acq: 03 Mar 2022 18:16

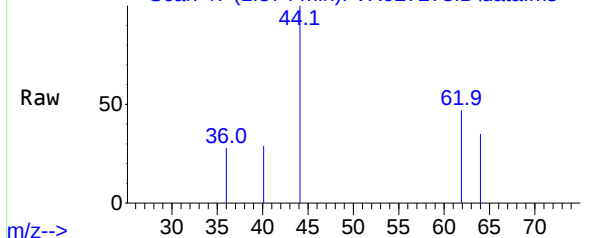
Tgt Ion: 62 Resp: 184

Ion Ratio Lower Upper

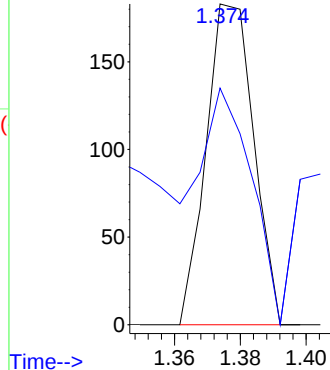
62 100

64 73.8 26.2 39.2#

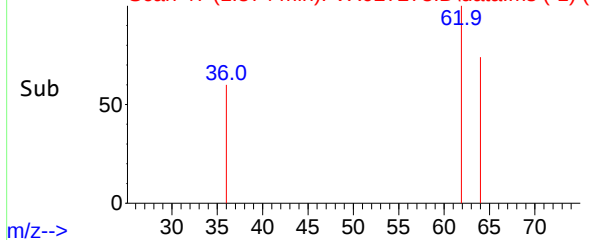
Abundance Scan 47 (1.374 min): VX027278.D\data.ms



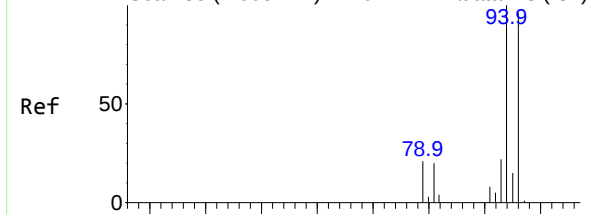
Abundance



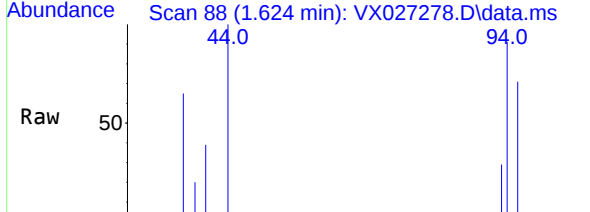
Abundance Scan 47 (1.374 min): VX027278.D\data.ms (-1) (



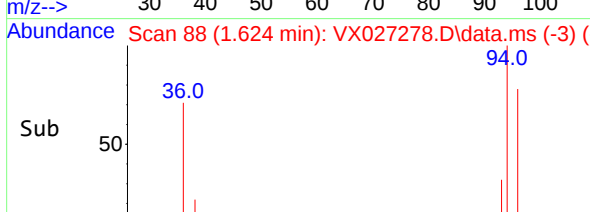
Abundance Scan 85 (1.605 min): VX027274.D\data.ms (-81)



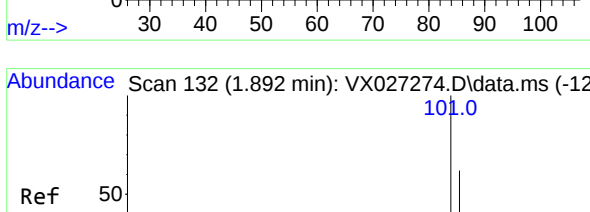
Abundance Scan 88 (1.624 min): VX027278.D\data.ms



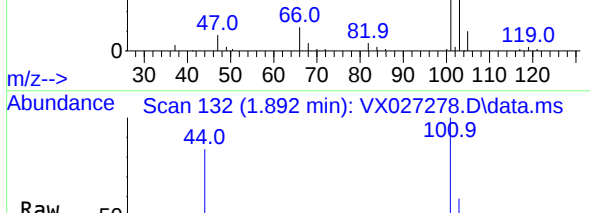
Abundance Scan 88 (1.624 min): VX027278.D\data.ms (-3)



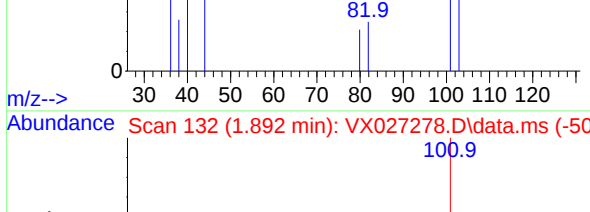
Abundance Scan 132 (1.892 min): VX027274.D\data.ms (-12)



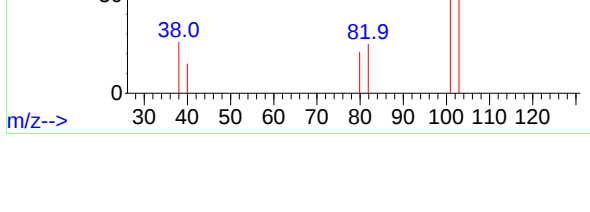
Abundance Scan 132 (1.892 min): VX027278.D\data.ms



Abundance Scan 132 (1.892 min): VX027278.D\data.ms (-50)



Abundance Scan 132 (1.892 min): VX027278.D\data.ms (-50)



#5

Bromomethane

Concen: 1.232 ug/l

RT: 1.624 min Scan# 88

Delta R.T. 0.018 min

Lab File: VX027278.D

Acq: 03 Mar 2022 18:16

Instrument :

MSVOA_X

ClientSampleId :

IBLK

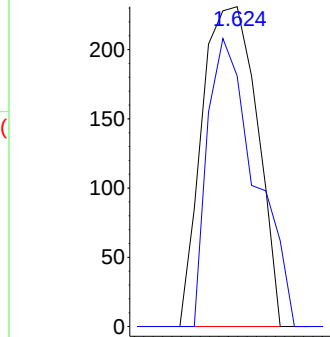
Tgt Ion: 94 Resp: 376

Ion Ratio Lower Upper

94 100

96 78.4 77.0 115.6

Abundance



Time-->

#7

Trichlorofluoromethane

Concen: 0.310 ug/l

RT: 1.892 min Scan# 132

Delta R.T. 0.000 min

Lab File: VX027278.D

Acq: 03 Mar 2022 18:16

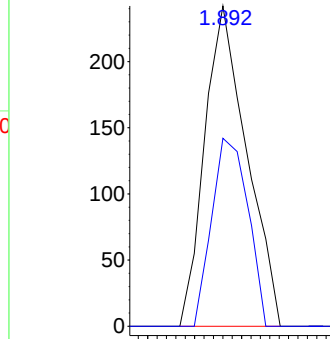
Tgt Ion:101 Resp: 301

Ion Ratio Lower Upper

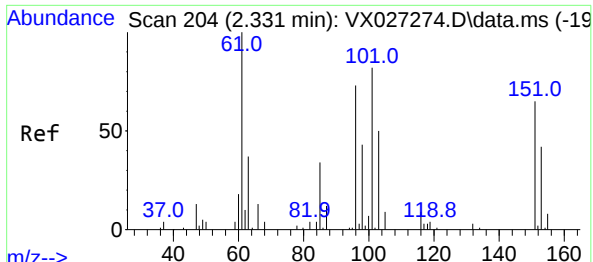
101 100

103 58.7 49.6 74.4

Abundance



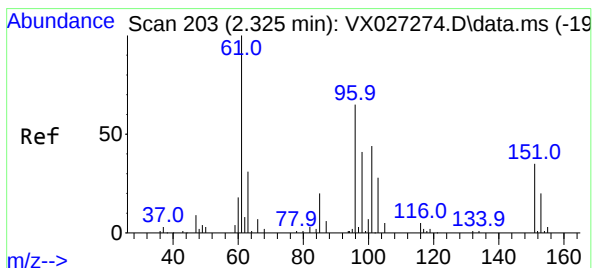
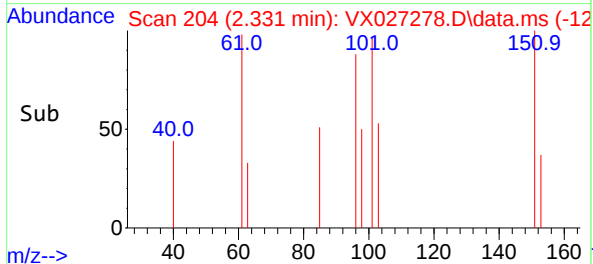
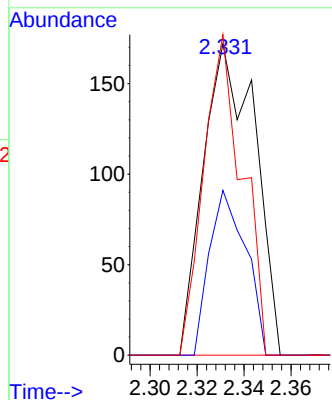
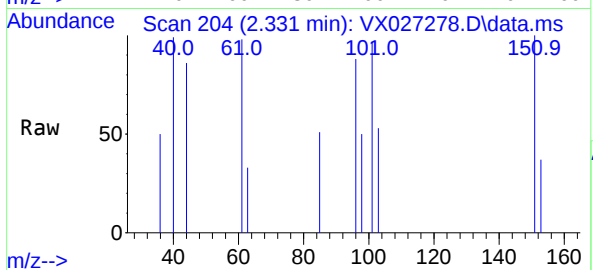
Time-->



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.386 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX027278.D
Acq: 03 Mar 2022 18:16

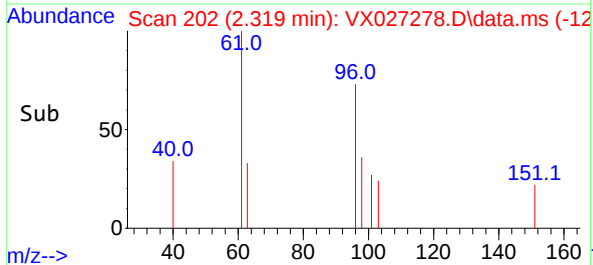
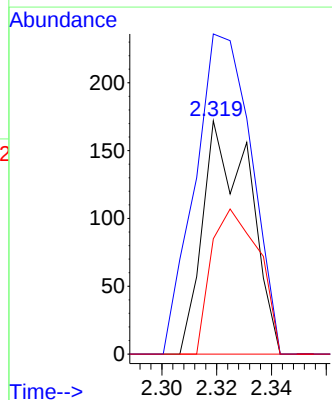
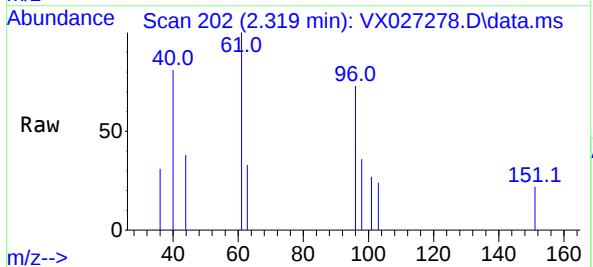
Instrument :
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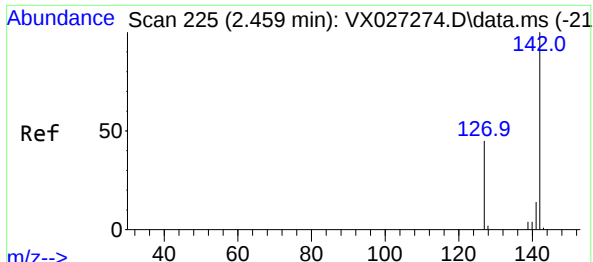
Tgt Ion:101 Resp: 262
Ion Ratio Lower Upper
101 100
85 37.4 0.0 84.6
151 77.5 0.0 165.4



#10
1,1-Dichloroethene
Concen: 0.311 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX027278.D
Acq: 03 Mar 2022 18:16

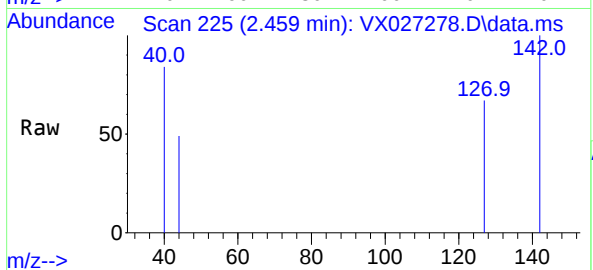
Tgt Ion: 96 Resp: 205
Ion Ratio Lower Upper
96 100
61 137.2 122.6 183.8
98 49.4 50.1 75.1#



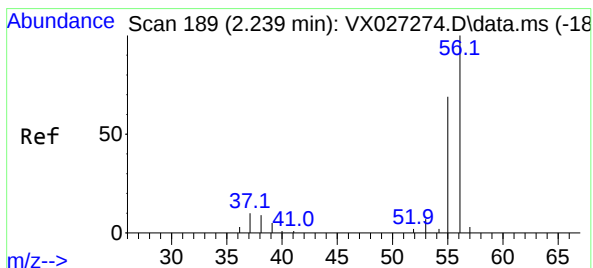
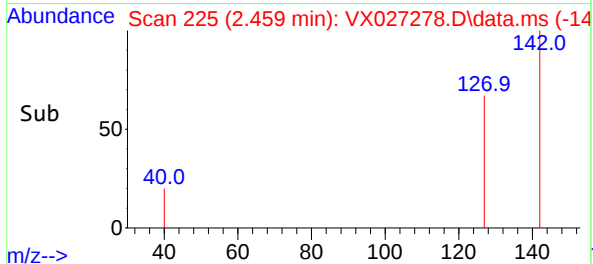
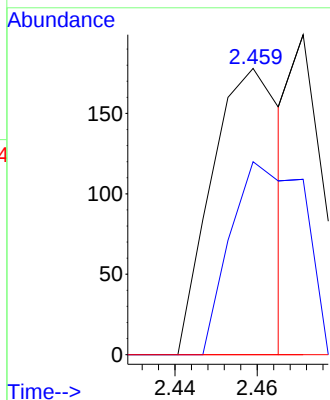


#11
Methyl Iodide
Concen: 0.274 ug/l
RT: 2.459 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX027278.D
Acq: 03 Mar 2022 18:16

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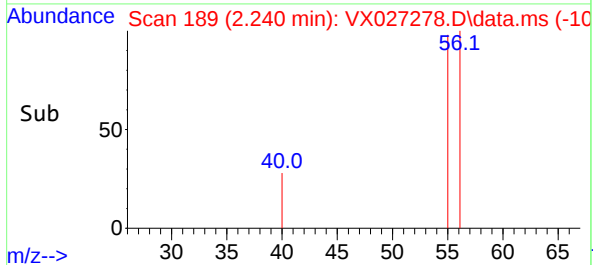
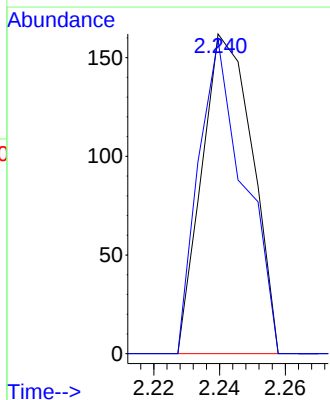
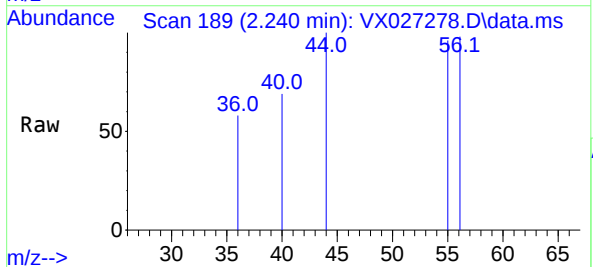


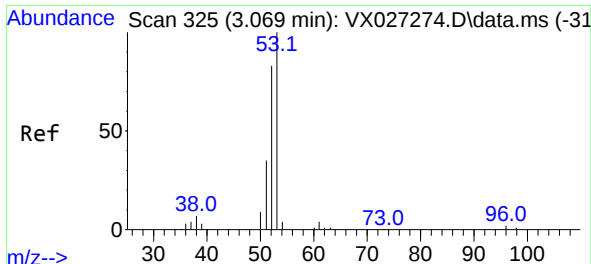
Tgt Ion:142 Resp: 211
Ion Ratio Lower Upper
142 100
127 65.3 22.3 66.9
141 0.0 7.0 20.9#



#13
Acrolein
Concen: 1.267 ug/l
RT: 2.240 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX027278.D
Acq: 03 Mar 2022 18:16

Tgt Ion: 56 Resp: 173
Ion Ratio Lower Upper
56 100
55 89.0 56.4 84.6#

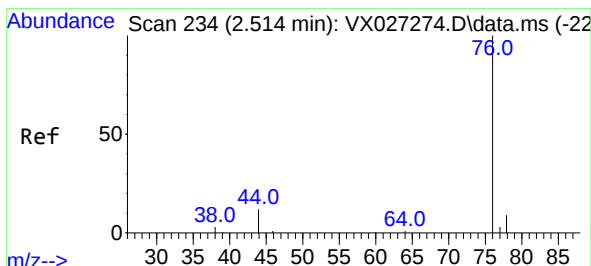
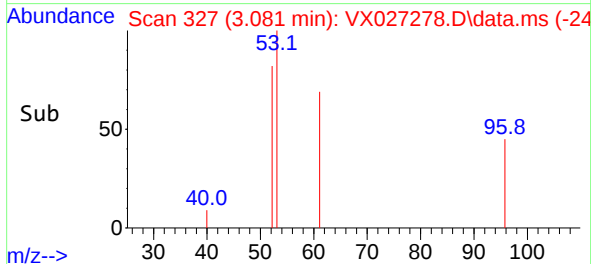
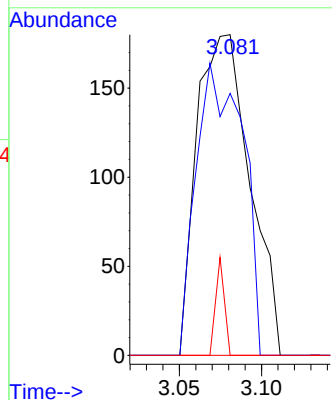
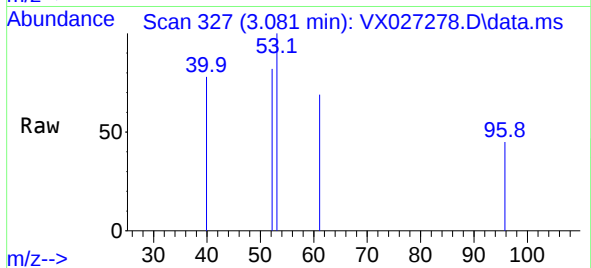




#14
Acrylonitrile
Concen: 1.044 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX027278.D
Acq: 03 Mar 2022 18:16

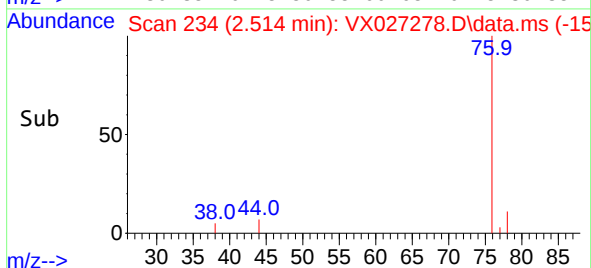
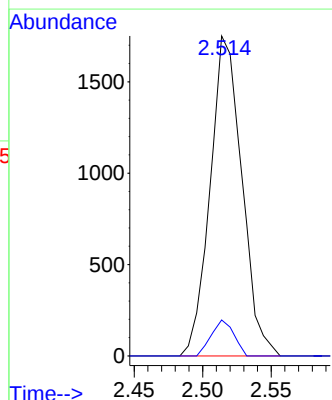
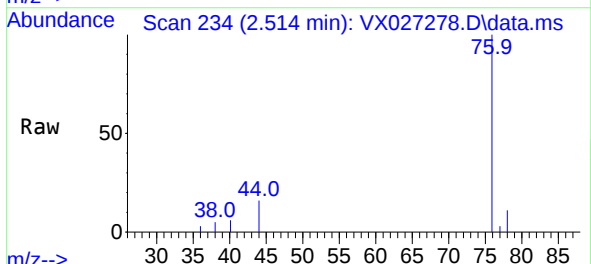
Instrument :
MSVOA_X
ClientSampleId :
IBLK

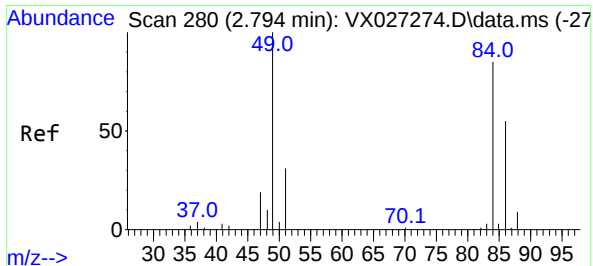
Tgt Ion: 53 Resp: 404
Ion Ratio Lower Upper
53 100
52 44.8 41.5 124.5
51 0.0 18.1 54.4#



#16
Carbon Disulfide
Concen: 1.610 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX027278.D
Acq: 03 Mar 2022 18:16

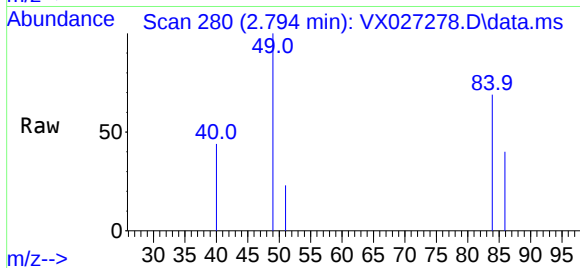
Tgt Ion: 76 Resp: 2820
Ion Ratio Lower Upper
76 100
78 11.3 7.1 10.7#





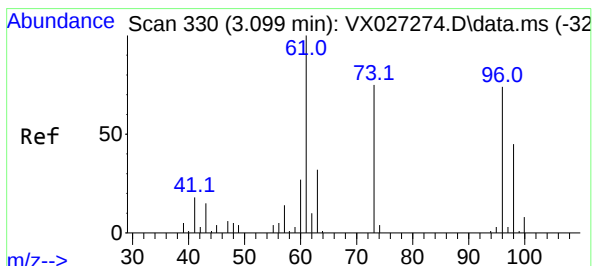
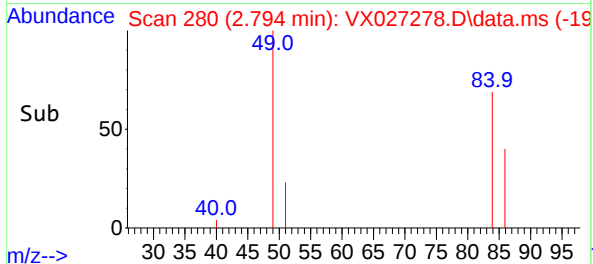
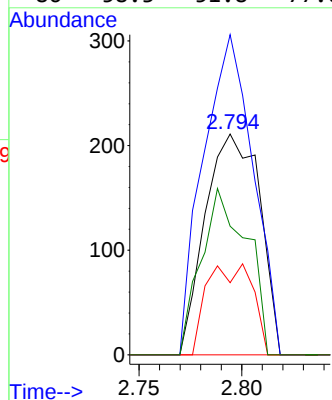
#18
Methylene Chloride
Concen: 0.522 ug/l
RT: 2.794 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX027278.D
Acq: 03 Mar 2022 18:16

Instrument :
MSVOA_X
ClientSampleId :
IBLK



Tgt Ion: 84 Resp: 389

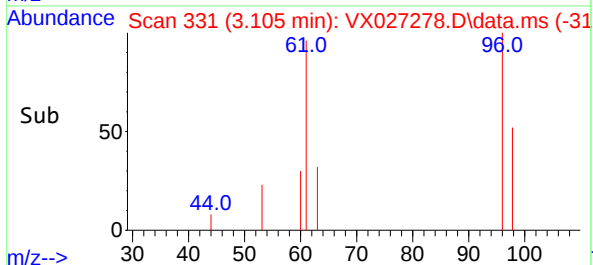
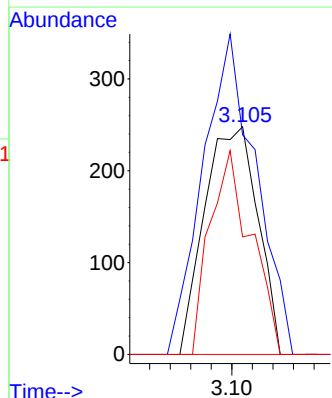
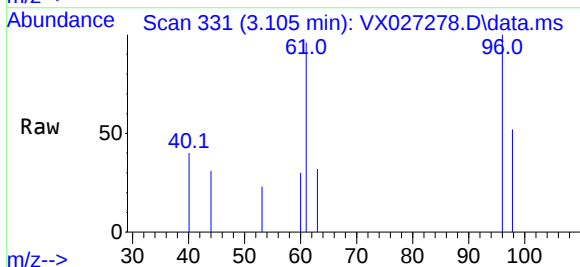
Ion	Ratio	Lower	Upper
84	100		
49	145.0	94.2	141.2#
51	32.7	29.2	43.8
86	58.3	51.8	77.6

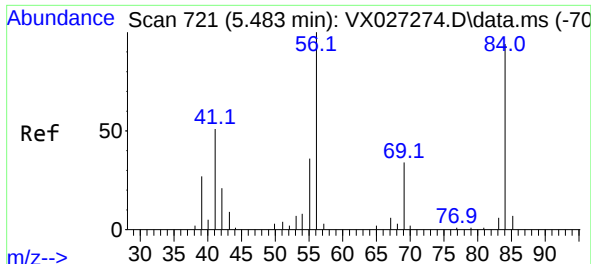


#19
trans-1,2-Dichloroethene
Concen: 0.626 ug/l
RT: 3.105 min Scan# 331
Delta R.T. 0.006 min
Lab File: VX027278.D
Acq: 03 Mar 2022 18:16

Tgt Ion: 96 Resp: 447

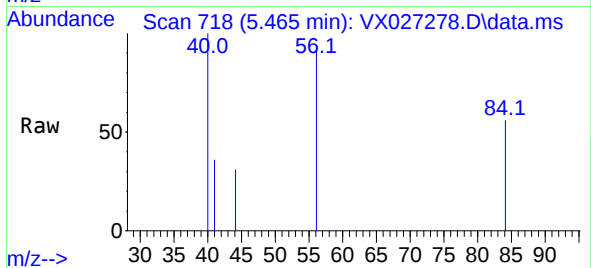
Ion	Ratio	Lower	Upper
96	100		
61	72.2	108.7	163.1#
98	51.6	49.2	73.8



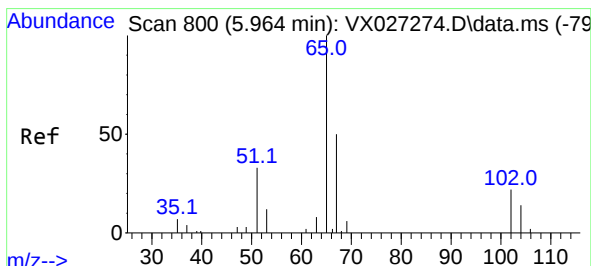
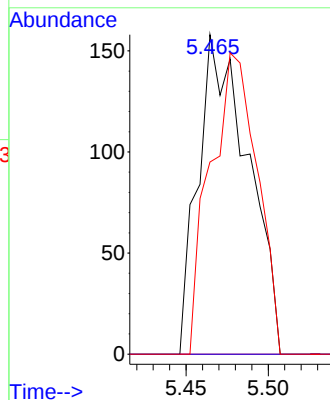
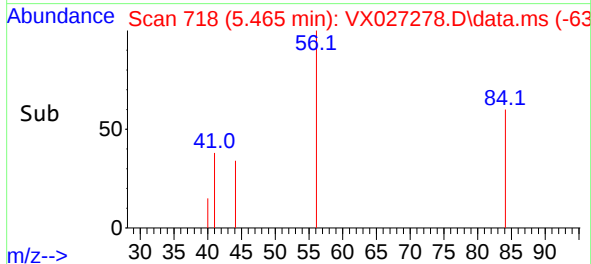


#26
Cyclohexane
Concen: 0.301 ug/l
RT: 5.465 min Scan# 718
Delta R.T. -0.018 min
Lab File: VX027278.D
Acq: 03 Mar 2022 18:16

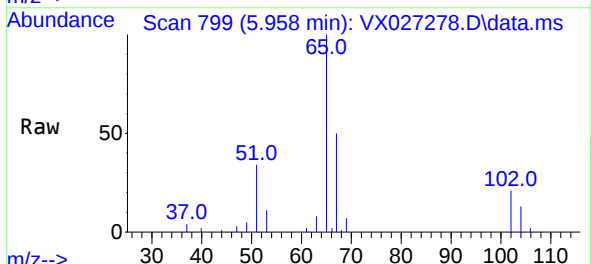
Instrument :
MSVOA_X
ClientSampleId :
IBLK



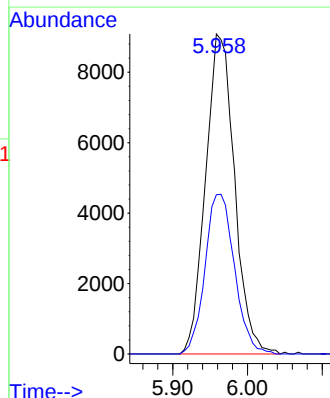
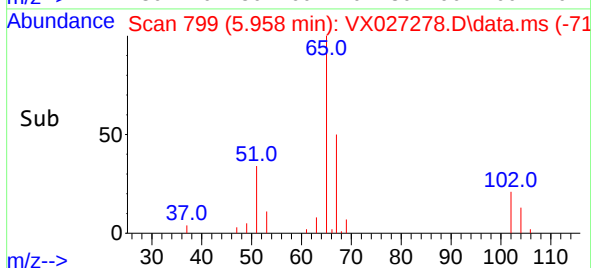
Tgt Ion: 56 Resp: 334
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 88.6 76.2 114.2

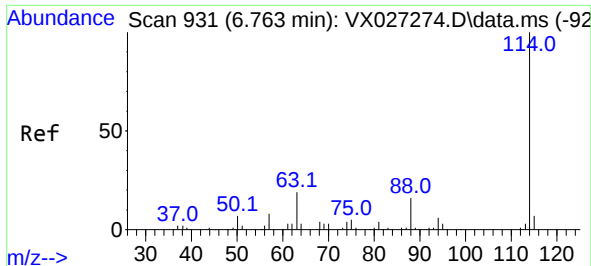


#27
1,2-Dichloroethane-d4
Concen: 30.657 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX027278.D
Acq: 03 Mar 2022 18:16



Tgt Ion: 65 Resp: 24450
Ion Ratio Lower Upper
65 100
67 50.8 42.3 63.5





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.769 min Scan# 91

Delta R.T. 0.006 min

Lab File: VX027278.D

Acq: 03 Mar 2022 18:16

Instrument :

MSVOA_X

ClientSampleId :

IBLK

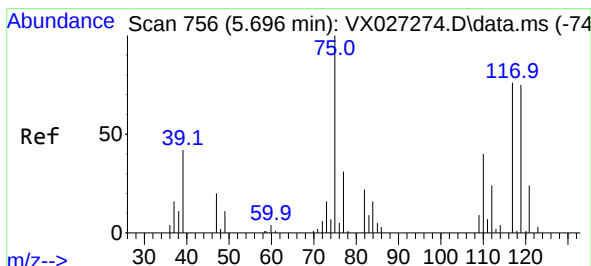
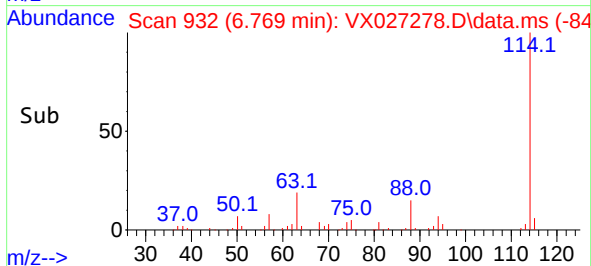
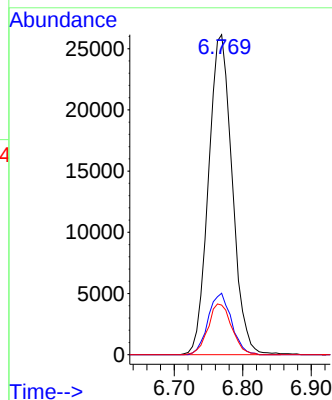
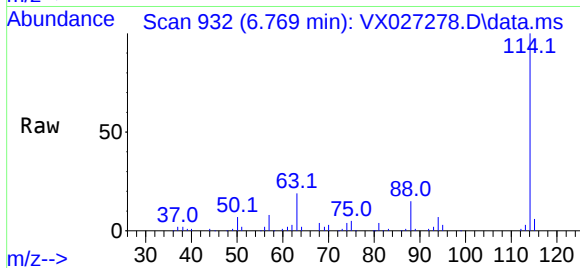
Tgt Ion:114 Resp: 62743

Ion Ratio Lower Upper

114 100

63 18.9 15.3 22.9

88 15.9 12.2 18.4



#29

1,1-Dichloropropene

Concen: 0.223 ug/l

RT: 5.696 min Scan# 756

Delta R.T. 0.000 min

Lab File: VX027278.D

Acq: 03 Mar 2022 18:16

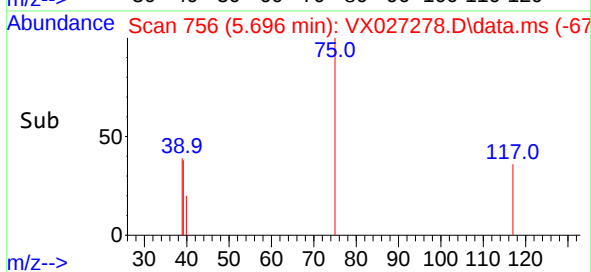
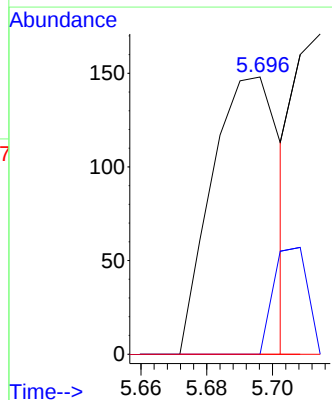
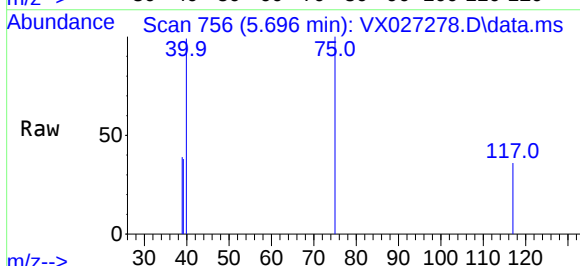
Tgt Ion: 75 Resp: 214

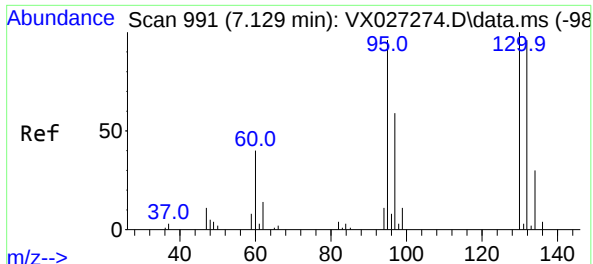
Ion Ratio Lower Upper

75 100

110 0.0 0.0 73.6

77 0.0 0.0 62.2





#37

Trichloroethene

Concen: 0.412 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX027278.D

Acq: 03 Mar 2022 18:16

Instrument :

MSVOA_X

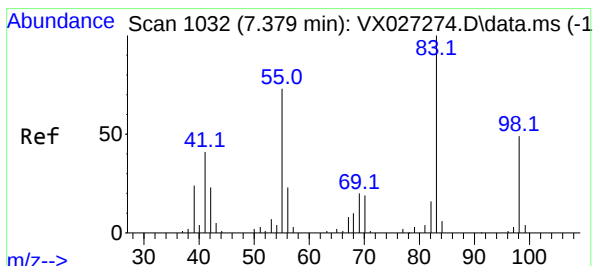
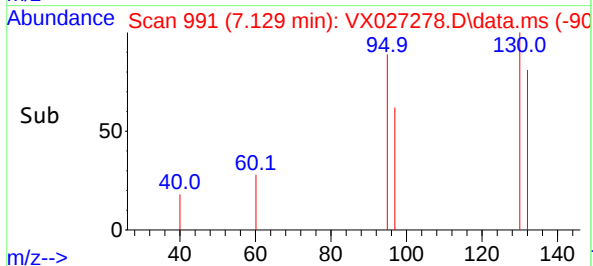
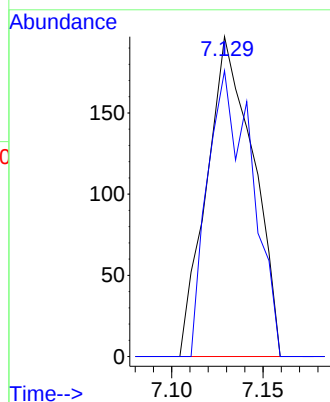
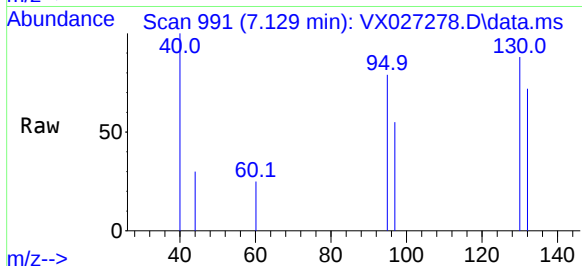
ClientSampleId :

IBLK

Tgt Ion:130 Resp: 349

Ion Ratio Lower Upper

130	100		
95	89.3	76.5	114.7



#38

Methylcyclohexane

Concen: 0.257 ug/l

RT: 7.391 min Scan# 1034

Delta R.T. 0.012 min

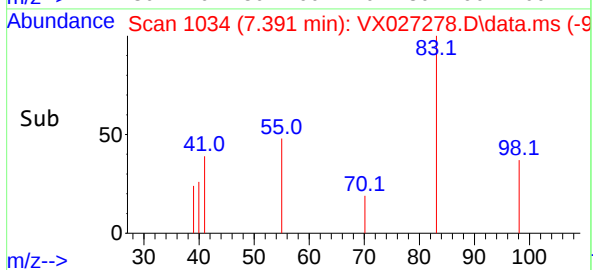
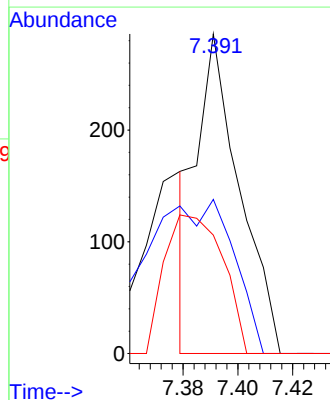
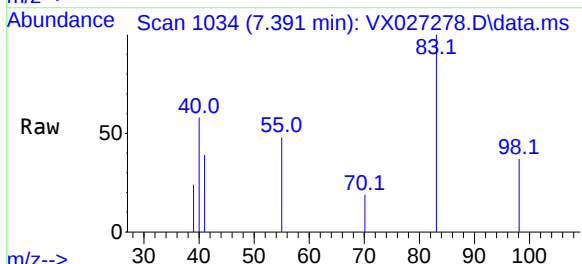
Lab File: VX027278.D

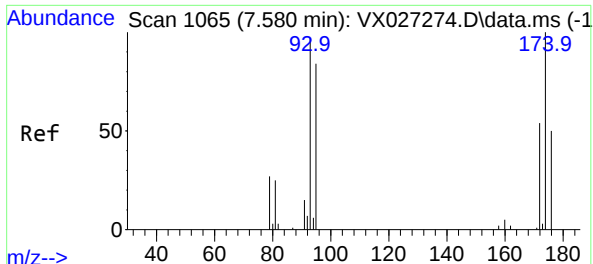
Acq: 03 Mar 2022 18:16

Tgt Ion: 83 Resp: 305

Ion Ratio Lower Upper

83	100		
55	62.6	37.0	110.9
98	60.3	25.9	77.8

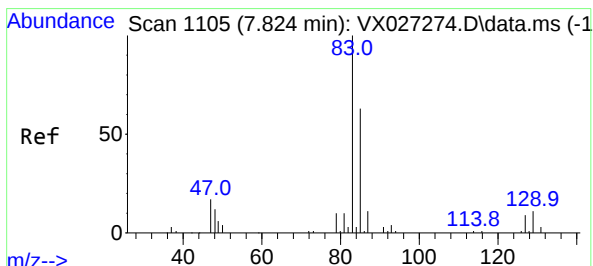
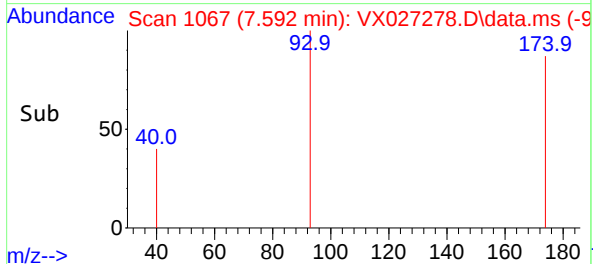
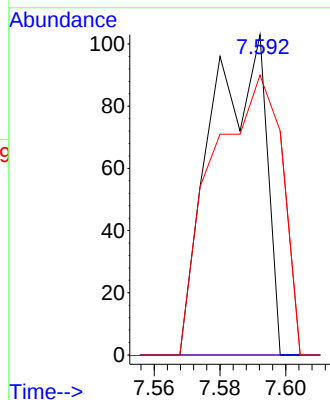
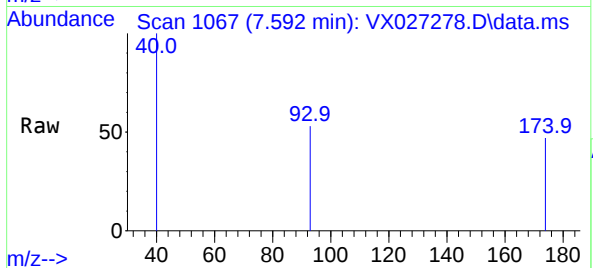




#40
Dibromomethane
Concen: 0.231 ug/l
RT: 7.592 min Scan# 1034
Delta R.T. 0.012 min
Lab File: VX027278.D
Acq: 03 Mar 2022 18:16

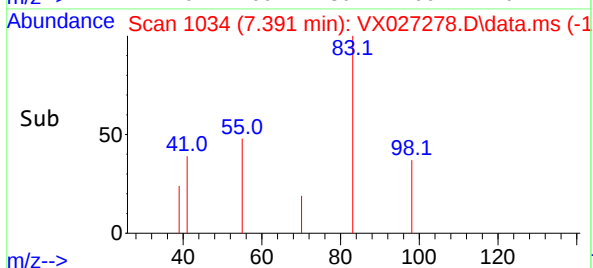
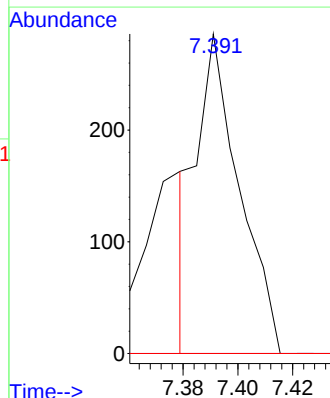
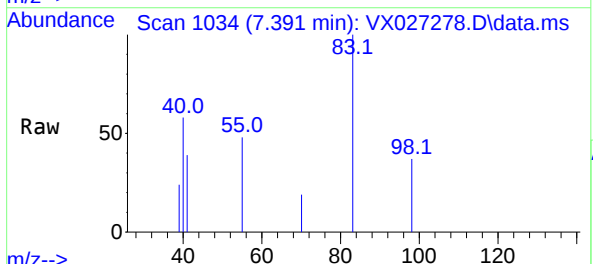
Instrument :
MSVOA_X
ClientSampleId :
IBLK

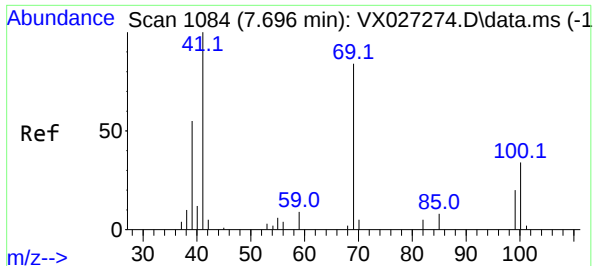
Tgt Ion: 93 Resp: 119
Ion Ratio Lower Upper
93 100
95 0.0 0.0 168.8
174 110.1 0.0 220.8



#41
Bromodichloromethane
Concen: 0.308 ug/l
RT: 7.391 min Scan# 1034
Delta R.T. -0.433 min
Lab File: VX027278.D
Acq: 03 Mar 2022 18:16

Tgt Ion: 83 Resp: 305
Ion Ratio Lower Upper
83 100
85 0.0 50.6 75.8#
127 0.0 7.0 10.6#

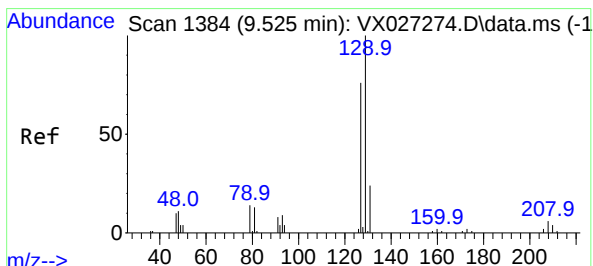
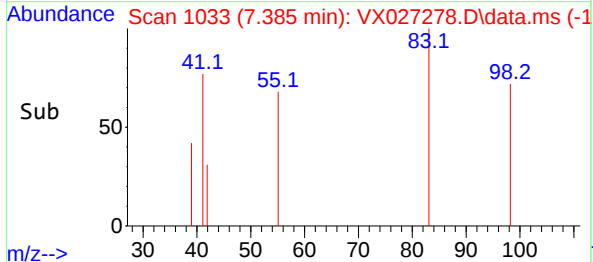
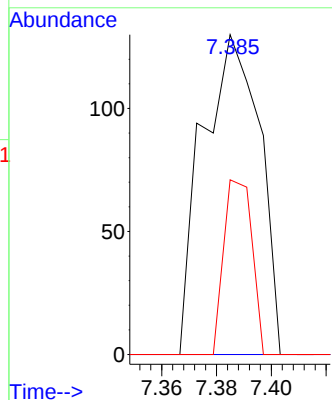
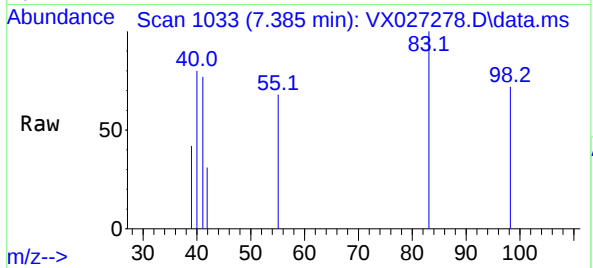




#46
Methyl methacrylate
Concen: 0.239 ug/l
RT: 7.385 min Scan# 1084
Delta R.T. -0.311 min
Lab File: VX027278.D
Acq: 03 Mar 2022 18:16

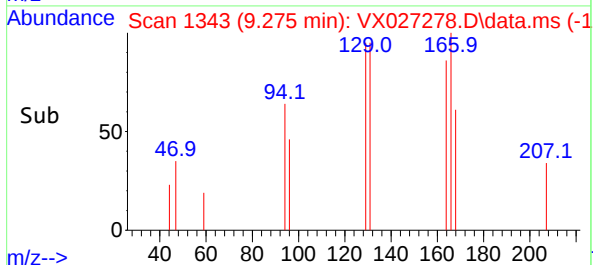
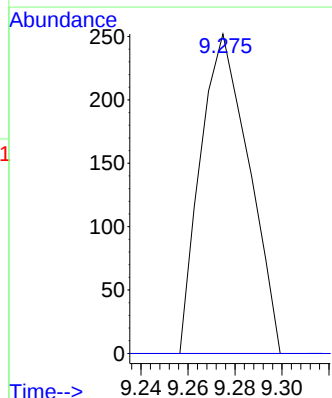
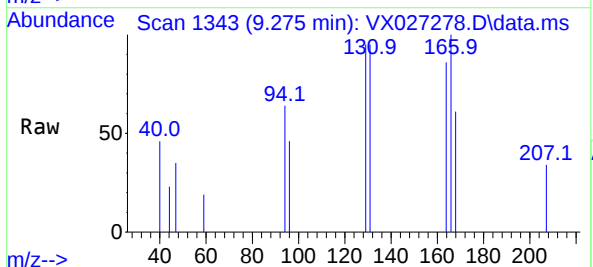
Instrument :
MSVOA_X
ClientSampleId :
IBLK

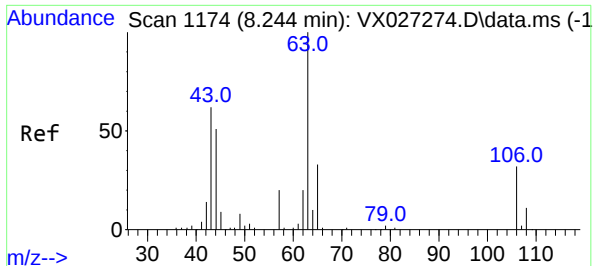
Tgt Ion: 41 Resp: 188
Ion Ratio Lower Upper
41 100
69 0.0 41.9 125.8#
39 54.6 27.5 82.5



#53
Dibromochloromethane
Concen: 0.452 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX027278.D
Acq: 03 Mar 2022 18:16

Tgt Ion: 129 Resp: 361
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.1#

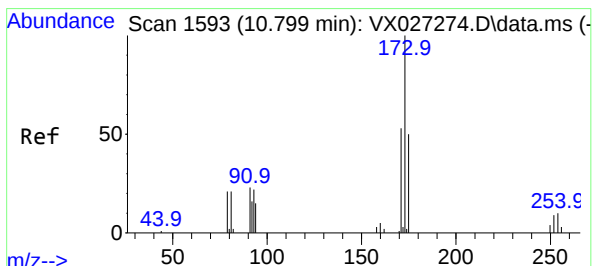
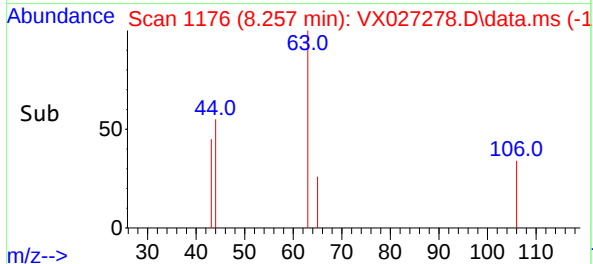
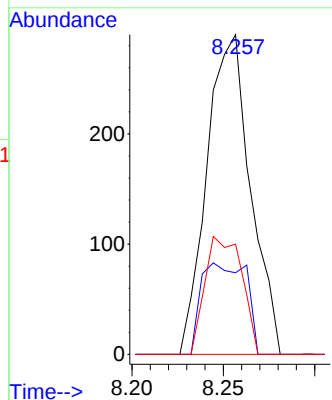
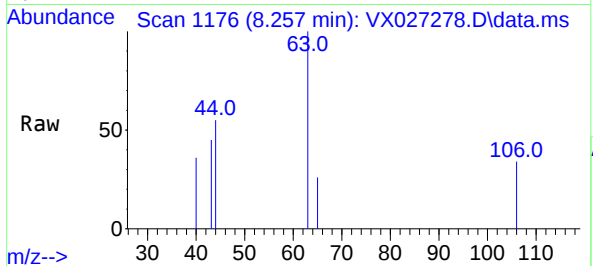




#55
2-Chloroethyl vinyl ether
Concen: 0.875 ug/l
RT: 8.257 min Scan# 1176
Delta R.T. 0.012 min
Lab File: VX027278.D
Acq: 03 Mar 2022 18:16

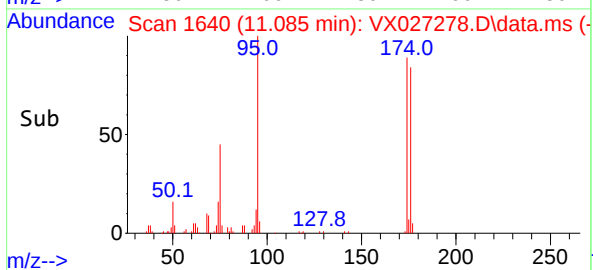
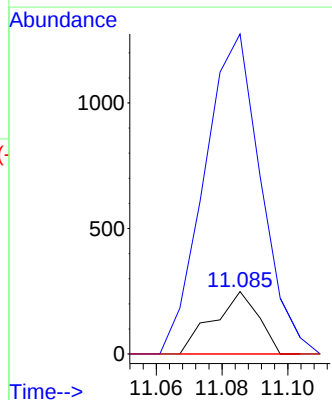
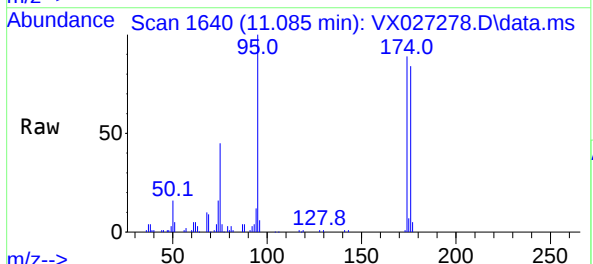
Instrument :
MSVOA_X
ClientSampleId :
IBLK

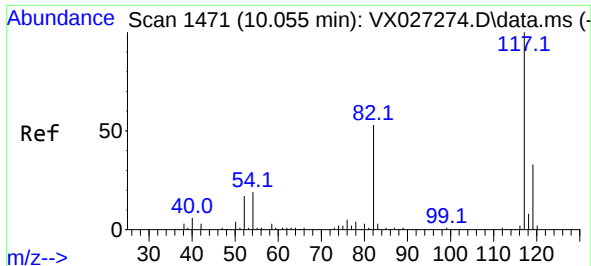
Tgt Ion:	63	Resp:	481
Ion	Ratio	Lower	Upper
63	100		
65	6.2	25.9	38.9#
106	0.0	25.8	38.6#



#56
Bromoform
Concen: 0.409 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.287 min
Lab File: VX027278.D
Acq: 03 Mar 2022 18:16

Tgt Ion:	173	Resp:	239
Ion	Ratio	Lower	Upper
173	100		
175	640.2	40.3	60.5#
254	0.0	7.4	11.2#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 14

Delta R.T. 0.000 min

Lab File: VX027278.D

Acq: 03 Mar 2022 18:16

Instrument :

MSVOA_X

ClientSampleId :

IBLK

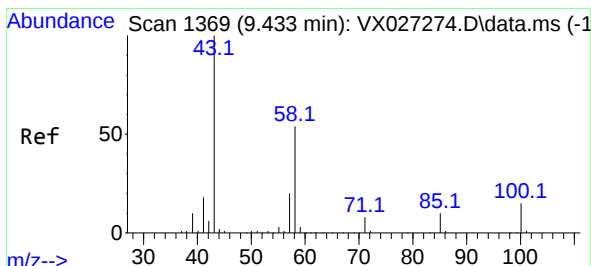
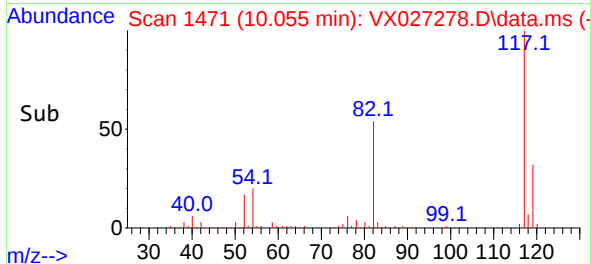
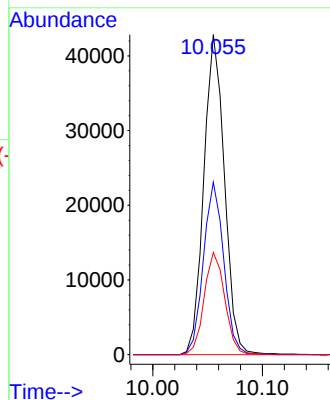
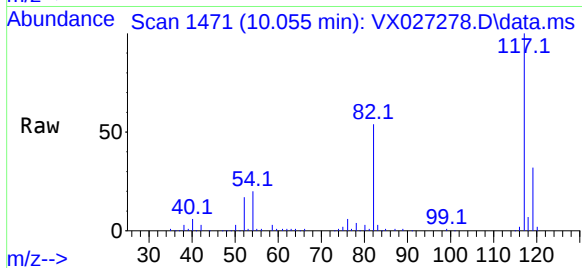
Tgt Ion:117 Resp: 56086

Ion Ratio Lower Upper

117 100

82 53.3 42.3 63.5

119 31.8 26.2 39.2



#59

2-Hexanone

Concen: 0.363 ug/l

RT: 9.439 min Scan# 1370

Delta R.T. 0.006 min

Lab File: VX027278.D

Acq: 03 Mar 2022 18:16

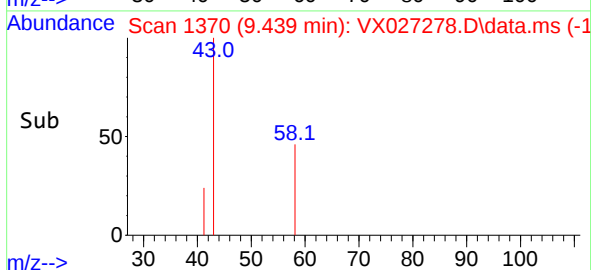
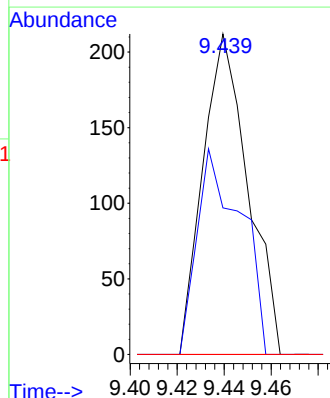
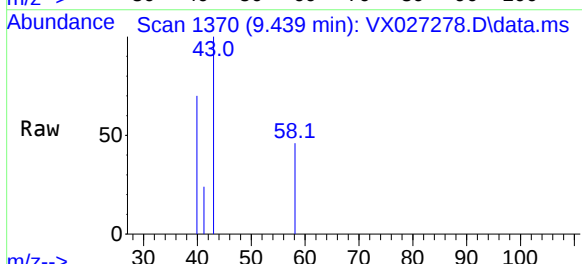
Tgt Ion: 43 Resp: 282

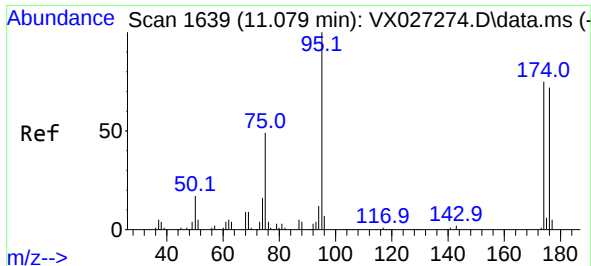
Ion Ratio Lower Upper

43 100

58 51.1 44.1 66.1

57 0.0 16.2 24.2#

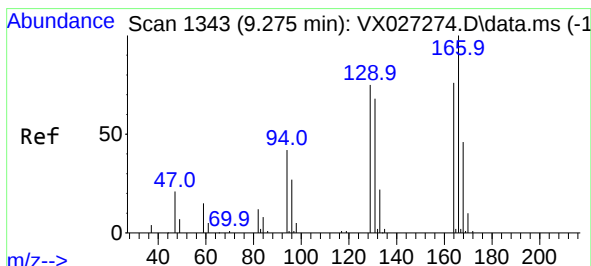
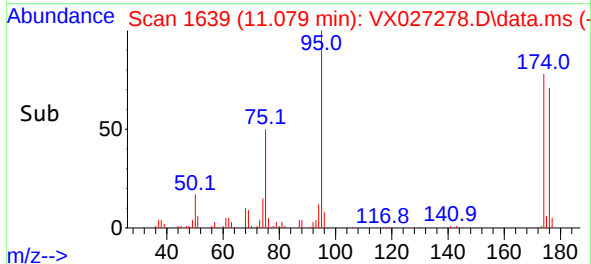
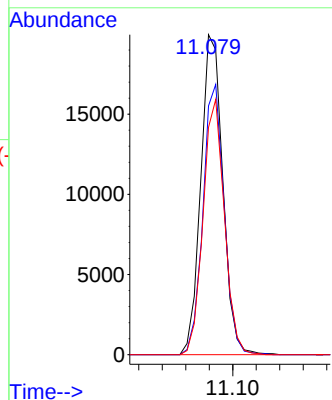
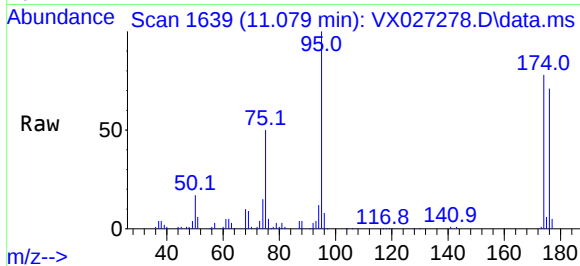




#60
4-Bromofluorobenzene
Concen: 28.508 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027278.D
Acq: 03 Mar 2022 18:16

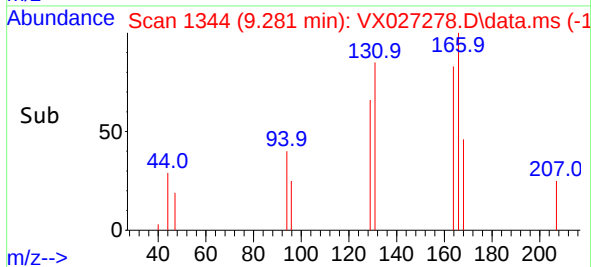
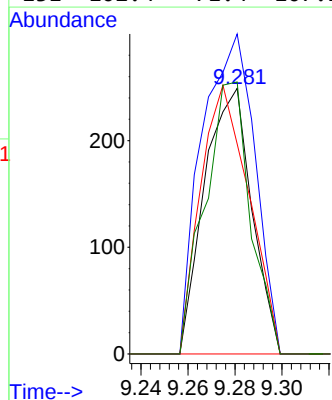
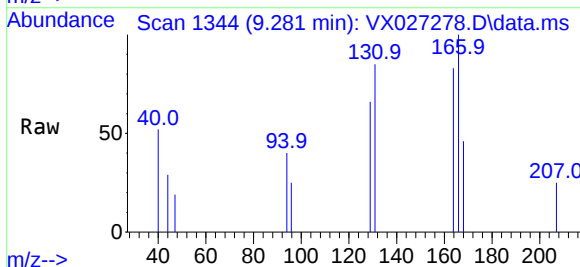
Instrument :
MSVOA_X
ClientSampleId :
IBLK

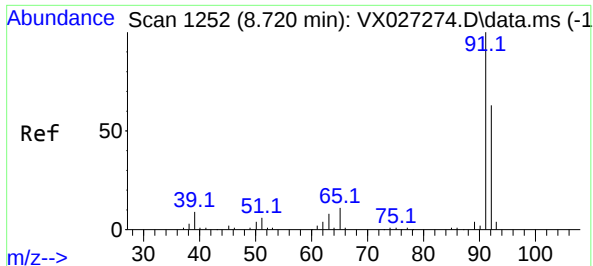
Tgt Ion: 95 Resp: 25902
Ion Ratio Lower Upper
95 100
174 81.2 65.4 98.2
176 77.2 63.4 95.0



#61
Tetrachloroethene
Concen: 0.425 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX027278.D
Acq: 03 Mar 2022 18:16

Tgt Ion: 164 Resp: 348
Ion Ratio Lower Upper
164 100
166 120.5 105.0 157.6
129 79.1 78.5 117.7
131 102.4 71.4 107.2





#62

Toluene

Concen: 0.237 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX027278.D

Acq: 03 Mar 2022 18:16

Instrument :

MSVOA_X

ClientSampleId :

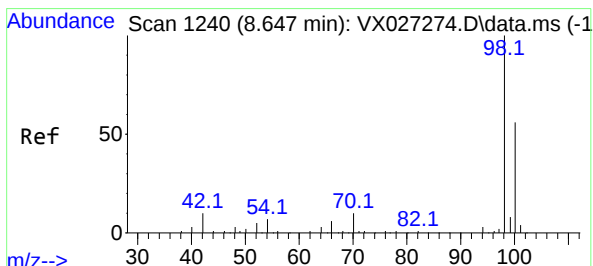
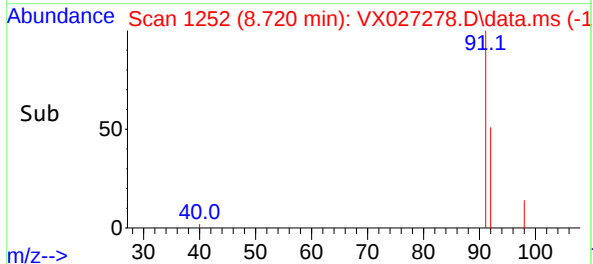
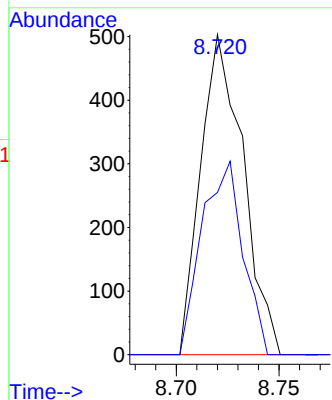
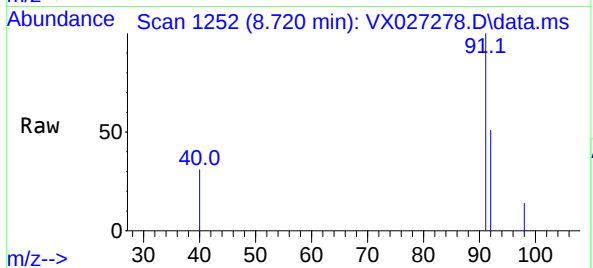
IBLK

Tgt Ion: 91 Resp: 723

Ion Ratio Lower Upper

91 100

92 58.4 48.1 72.1



#63

Toluene-d8

Concen: 29.956 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.006 min

Lab File: VX027278.D

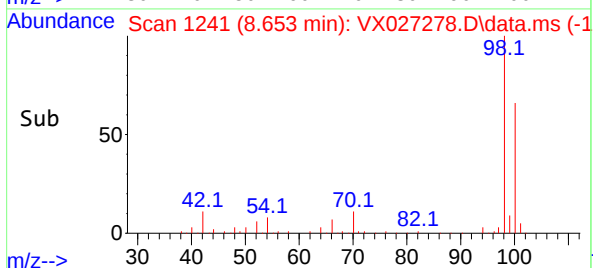
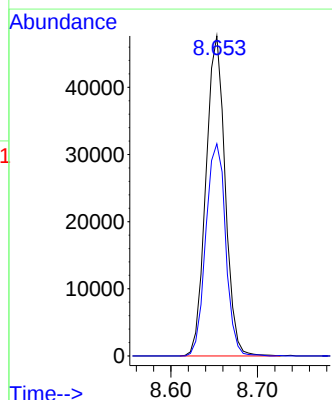
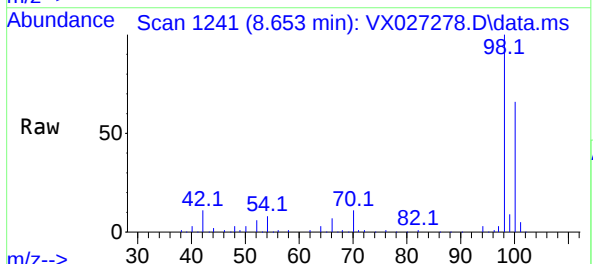
Acq: 03 Mar 2022 18:16

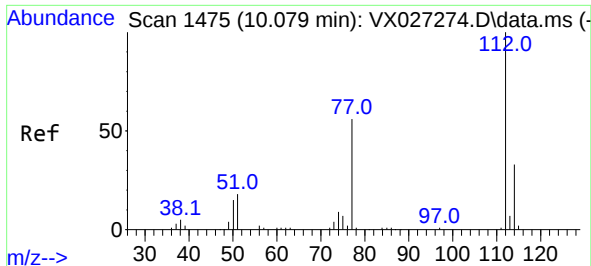
Tgt Ion: 98 Resp: 73449

Ion Ratio Lower Upper

98 100

100 68.3 51.4 77.2

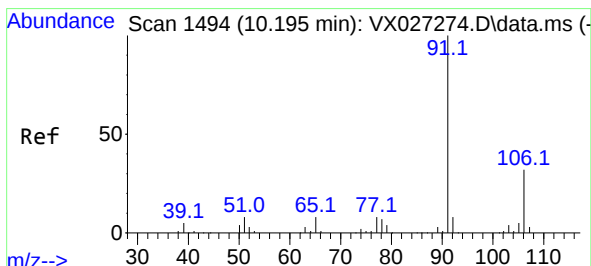
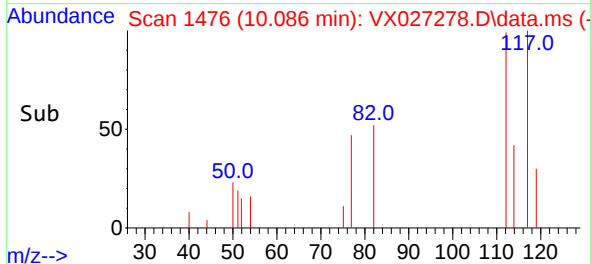
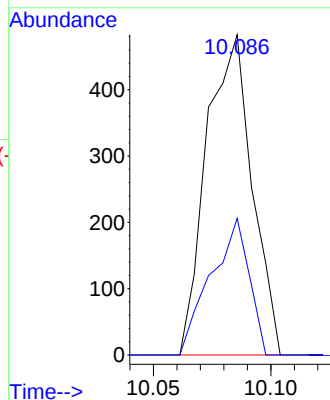
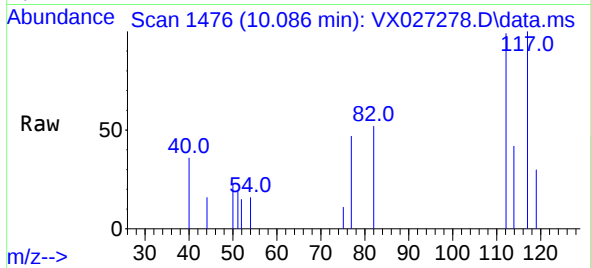




#64
Chlorobenzene
Concen: 0.333 ug/l
RT: 10.086 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VX027278.D
Acq: 03 Mar 2022 18:16

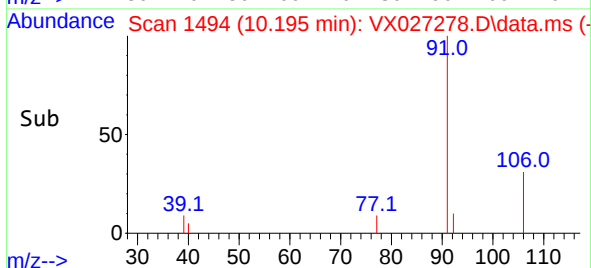
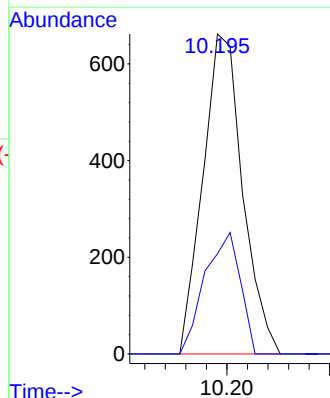
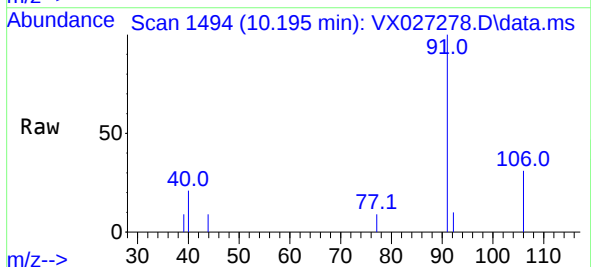
Instrument :
MSVOA_X
ClientSampleId :
IBLK

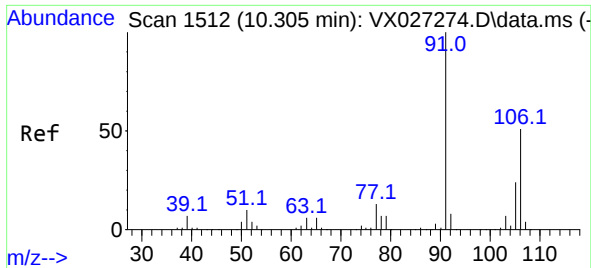
Tgt Ion:112 Resp: 651
Ion Ratio Lower Upper
112 100
114 42.7 26.0 39.0#



#66
Ethyl Benzene
Concen: 0.258 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX027278.D
Acq: 03 Mar 2022 18:16

Tgt Ion: 91 Resp: 888
Ion Ratio Lower Upper
91 100
106 31.3 25.8 38.8

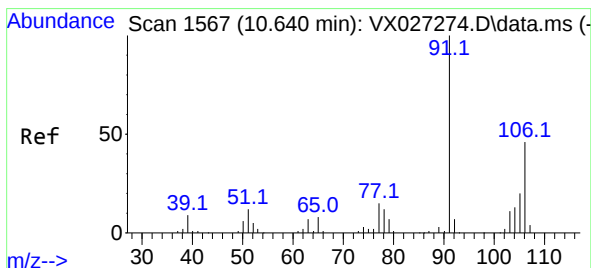
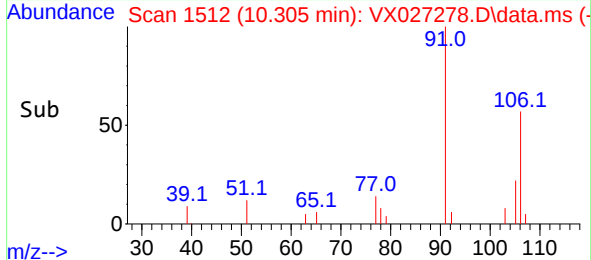
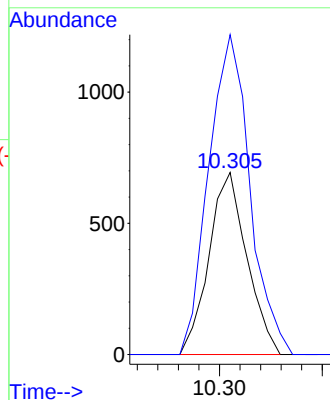
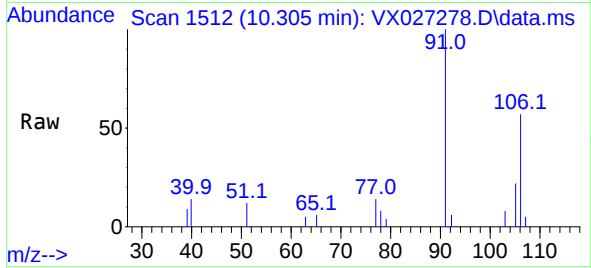




#67
m/p-Xylenes
Concen: 0.660 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027278.D
Acq: 03 Mar 2022 18:16

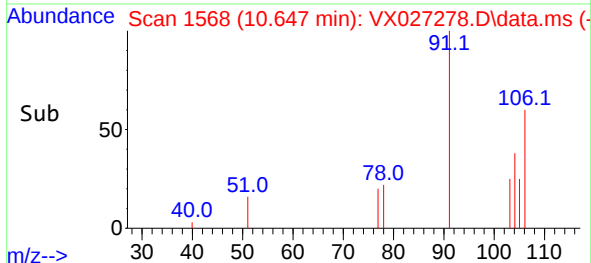
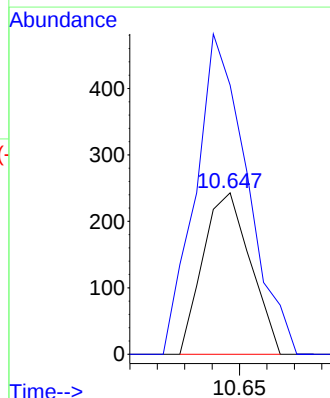
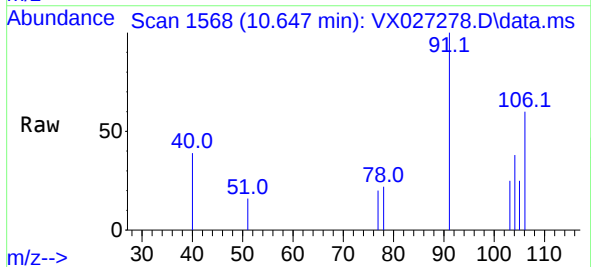
Instrument :
MSVOA_X
ClientSampleId :
IBLK

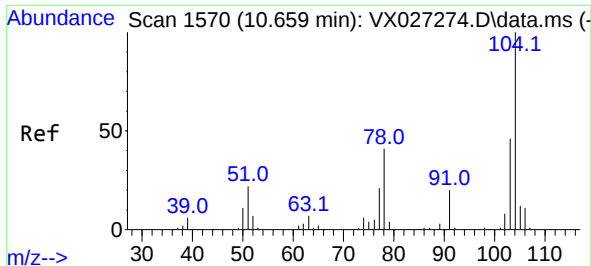
Tgt Ion:106 Resp: 890
Ion Ratio Lower Upper
106 100
91 190.6 159.5 239.3



#68
o-Xylene
Concen: 0.222 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX027278.D
Acq: 03 Mar 2022 18:16

Tgt Ion:106 Resp: 292
Ion Ratio Lower Upper
106 100
91 215.8 105.4 316.2

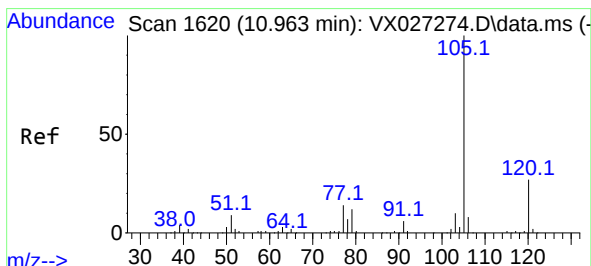
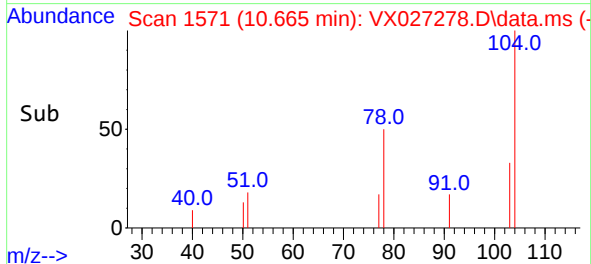
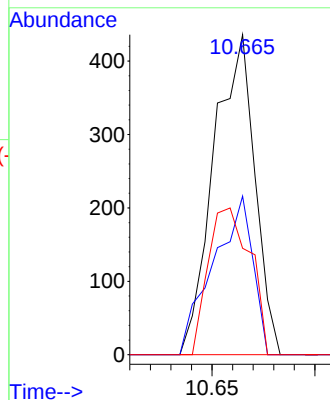
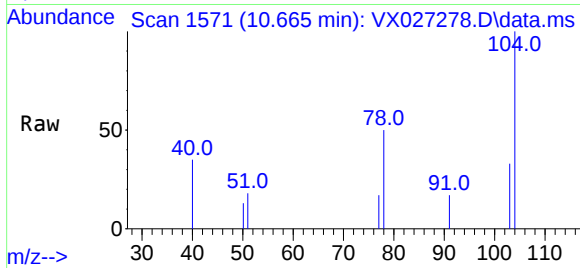




#69
Styrene
Concen: 0.276 ug/l
RT: 10.665 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX027278.D
Acq: 03 Mar 2022 18:16

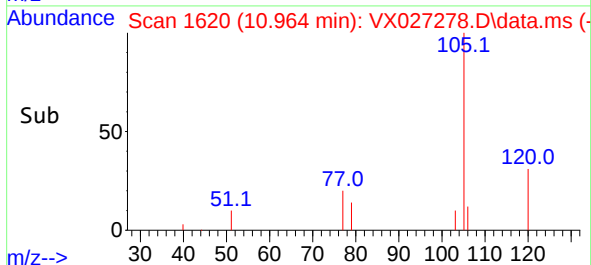
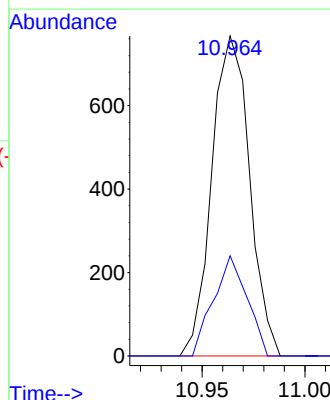
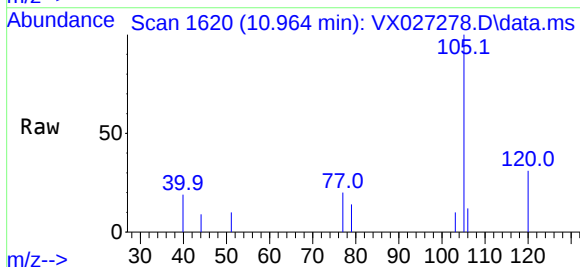
Instrument :
MSVOA_X
ClientSampleId :
IBLK

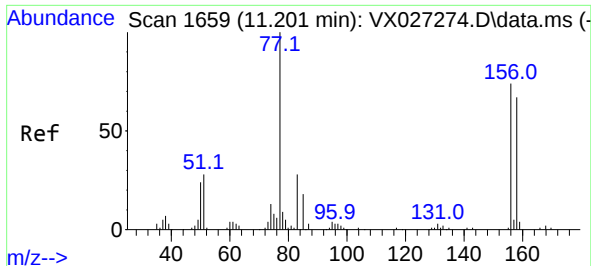
Tgt Ion:104 Resp: 605
Ion Ratio Lower Upper
104 100
78 47.6 39.7 59.5
103 46.9 42.7 64.1



#70
Isopropylbenzene
Concen: 0.282 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX027278.D
Acq: 03 Mar 2022 18:16

Tgt Ion:105 Resp: 979
Ion Ratio Lower Upper
105 100
120 27.9 18.8 34.8

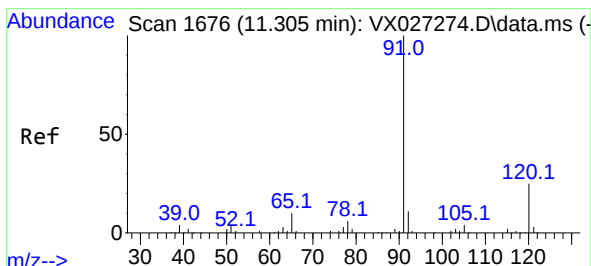
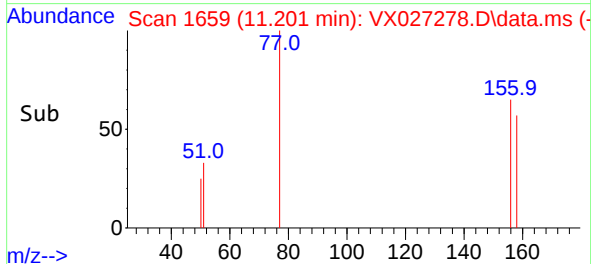
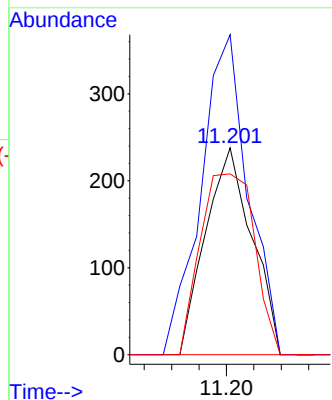
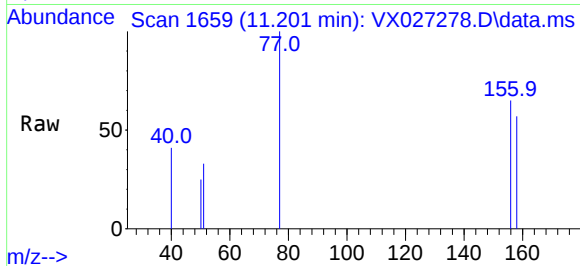




#73
Bromobenzene
Concen: 0.325 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX027278.D
Acq: 03 Mar 2022 18:16

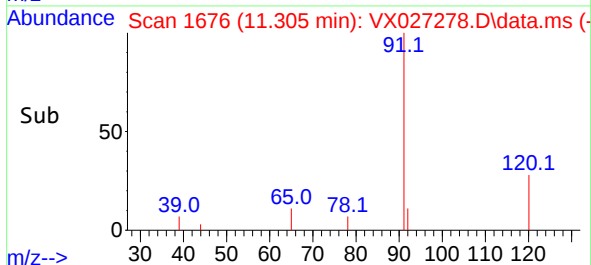
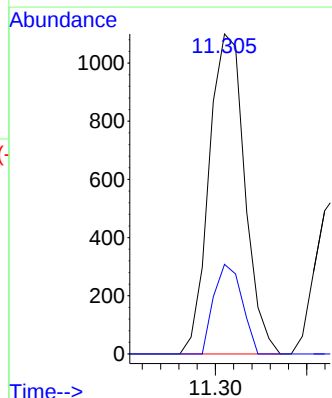
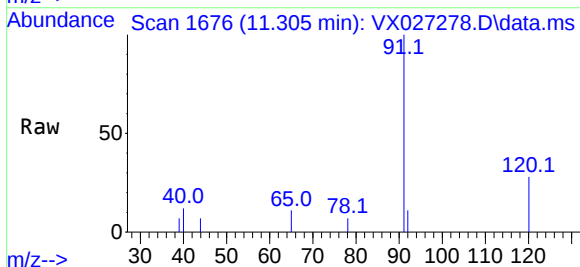
Instrument :
MSVOA_X
ClientSampleId :
IBLK

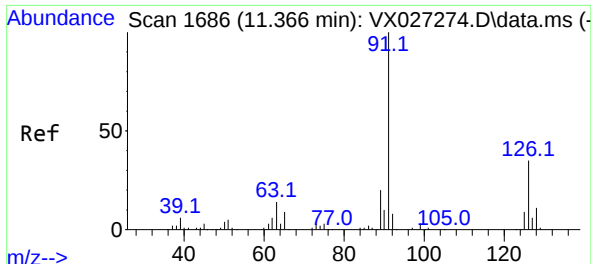
Tgt Ion:156 Resp: 280
Ion Ratio Lower Upper
156 100
77 157.9 0.0 297.6
158 102.5 0.0 188.4



#74
n-propylbenzene
Concen: 0.378 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX027278.D
Acq: 03 Mar 2022 18:16

Tgt Ion: 91 Resp: 1493
Ion Ratio Lower Upper
91 100
120 22.1 0.0 48.0

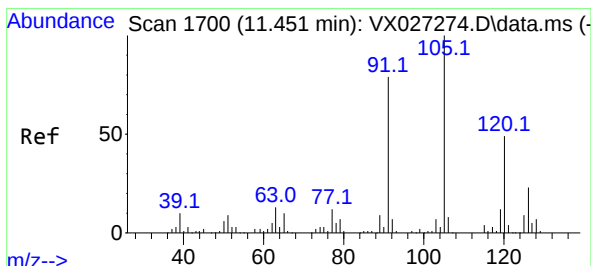
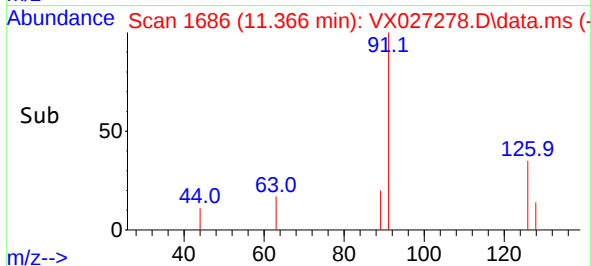
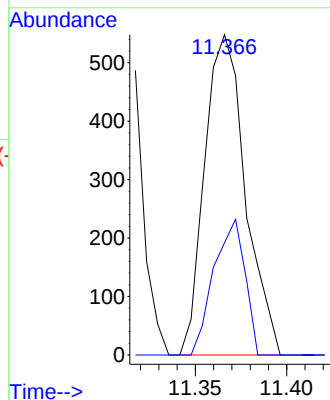
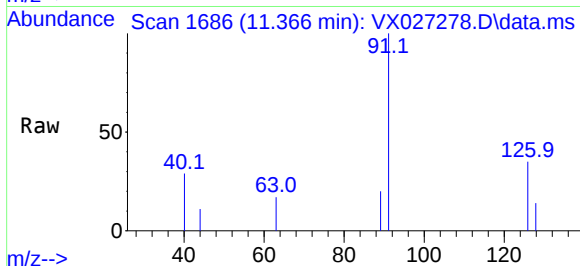




#75
2-Chlorotoluene
Concen: 0.355 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX027278.D
Acq: 03 Mar 2022 18:16

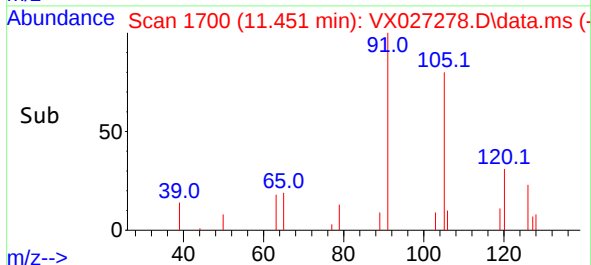
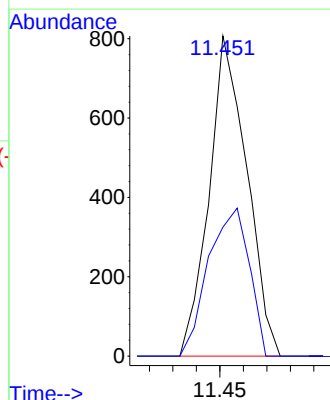
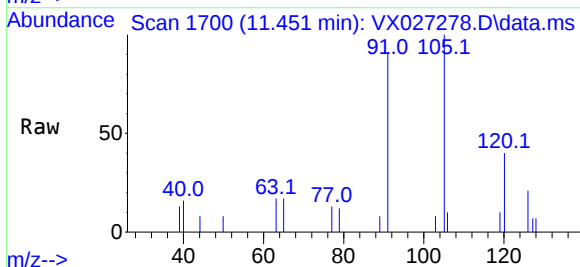
Instrument :
MSVOA_X
ClientSampleId :
IBLK

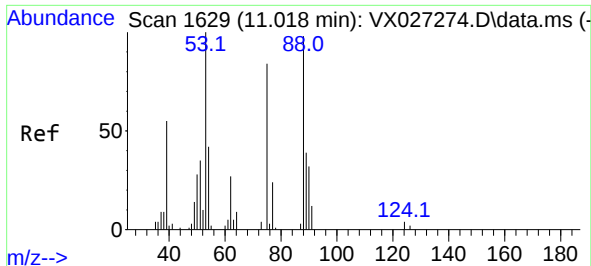
Tgt Ion: 91 Resp: 850
Ion Ratio Lower Upper
91 100
126 32.2 0.0 68.6



#76
1,3,5-Trimethylbenzene
Concen: 0.309 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX027278.D
Acq: 03 Mar 2022 18:16

Tgt Ion: 105 Resp: 900
Ion Ratio Lower Upper
105 100
120 49.9 0.0 98.0





#77

t-1,4-Dichloro-2-butene

Concen: 43.101 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.061 min

Lab File: VX027278.D

Acq: 03 Mar 2022 18:16

Instrument :

MSVOA_X

ClientSampleId :

IBLK

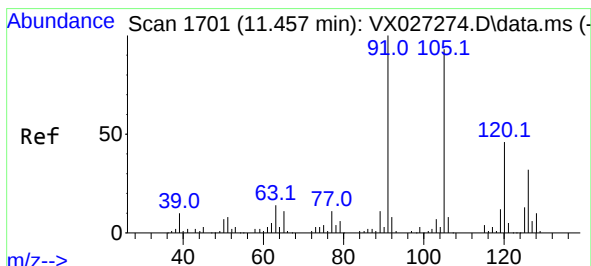
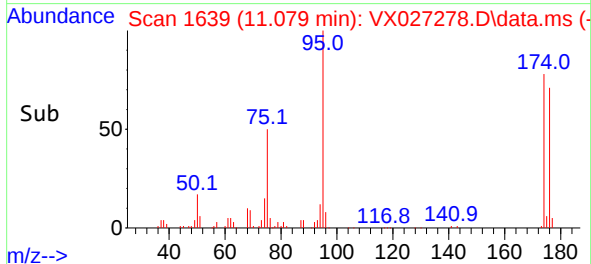
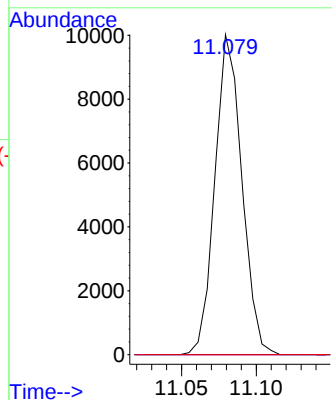
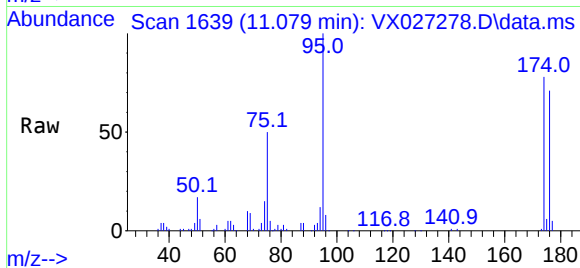
Tgt Ion: 75 Resp: 12568

Ion Ratio Lower Upper

75 100

53 0.0 59.7 179.1#

89 0.0 23.1 69.2#



#78

4-Chlorotoluene

Concen: 0.455 ug/l

RT: 11.457 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VX027278.D

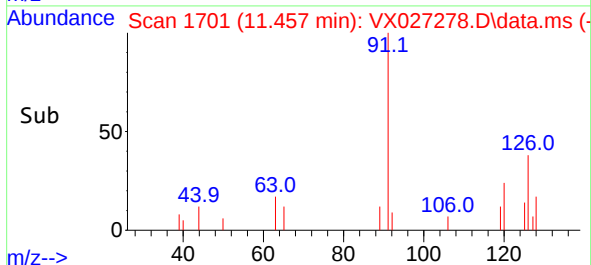
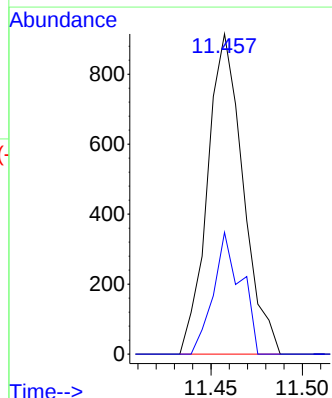
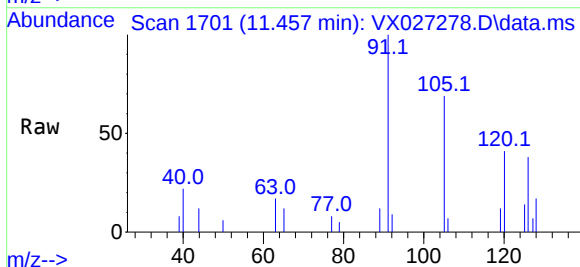
Acq: 03 Mar 2022 18:16

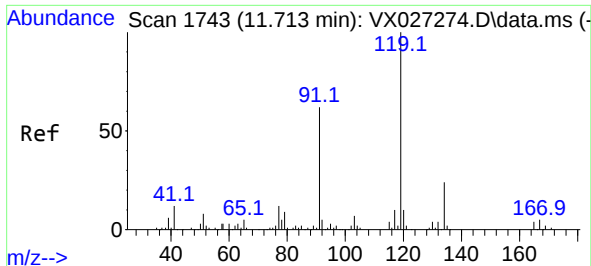
Tgt Ion: 91 Resp: 1239

Ion Ratio Lower Upper

91 100

126 29.7 0.0 59.8





#79

tert-butylbenzene

Concen: 0.323 ug/l

RT: 11.713 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX027278.D

Acq: 03 Mar 2022 18:16

Instrument :

MSVOA_X

ClientSampleId :

IBLK

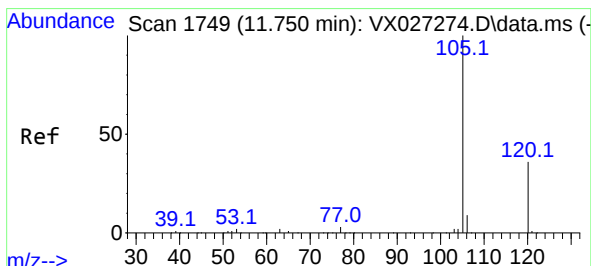
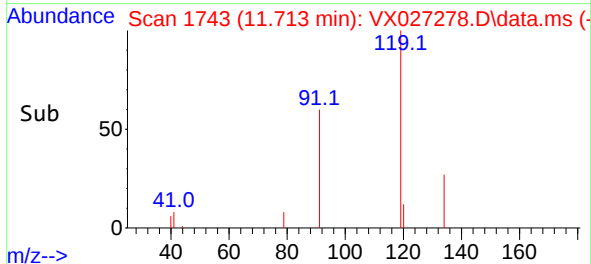
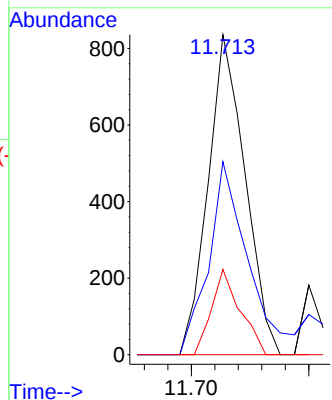
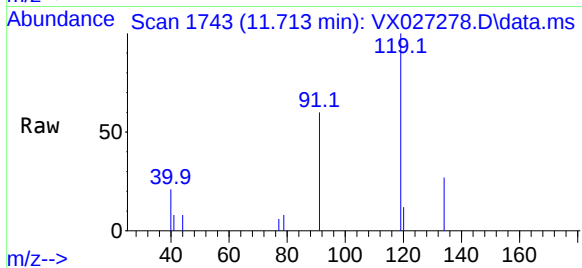
Tgt Ion:119 Resp: 916

Ion Ratio Lower Upper

119 100

91 64.4 0.0 119.4

134 20.6 0.0 48.4



#80

1,2,4-Trimethylbenzene

Concen: 0.322 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX027278.D

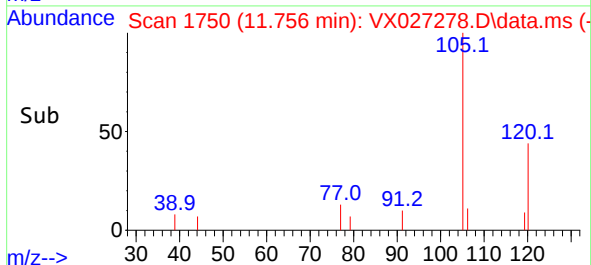
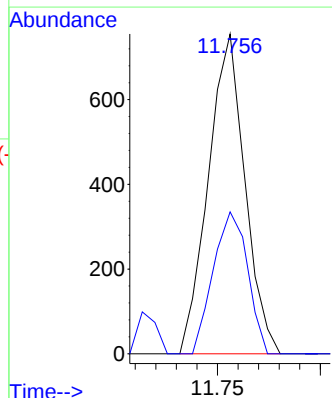
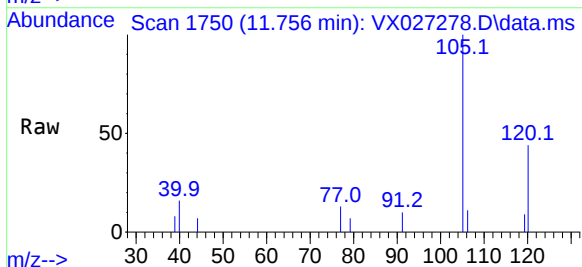
Acq: 03 Mar 2022 18:16

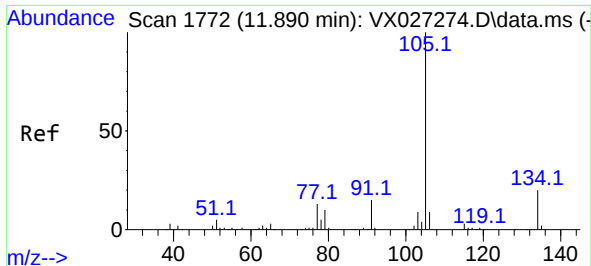
Tgt Ion:105 Resp: 934

Ion Ratio Lower Upper

105 100

120 41.6 0.0 89.6





#81

sec-Butylbenzene

Concen: 0.379 ug/l

RT: 11.896 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VX027278.D

Acq: 03 Mar 2022 18:16

Instrument :

MSVOA_X

ClientSampleId :

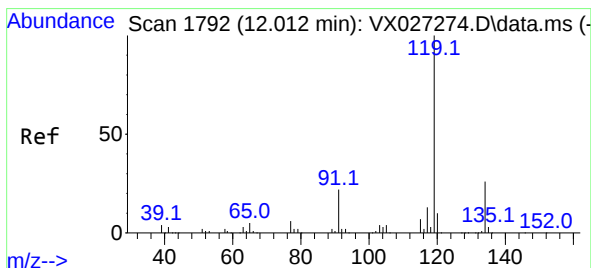
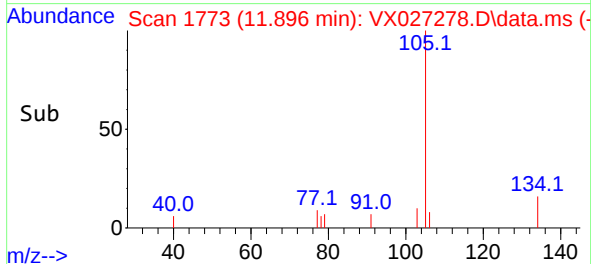
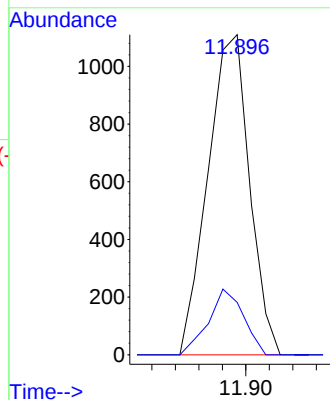
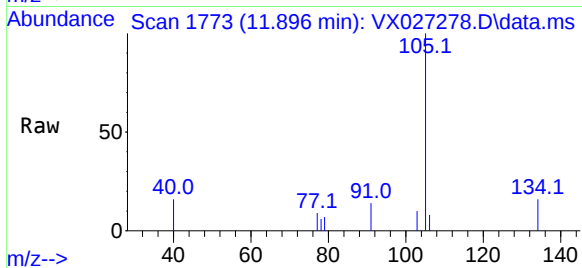
IBLK

Tgt Ion:105 Resp: 1366

Ion Ratio Lower Upper

105 100

134 17.3 0.0 41.2



#82

p-Isopropyltoluene

Concen: 0.411 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VX027278.D

Acq: 03 Mar 2022 18:16

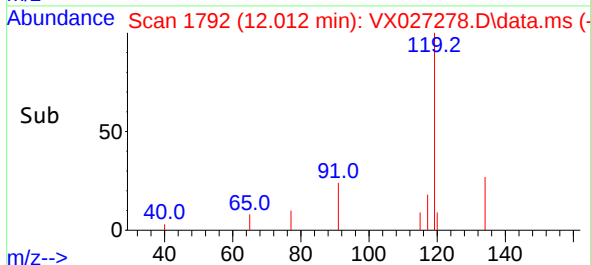
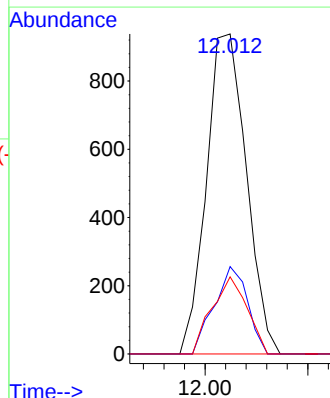
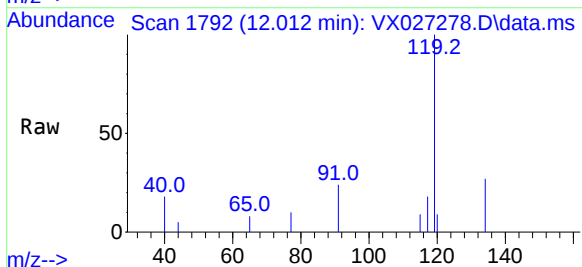
Tgt Ion:119 Resp: 1267

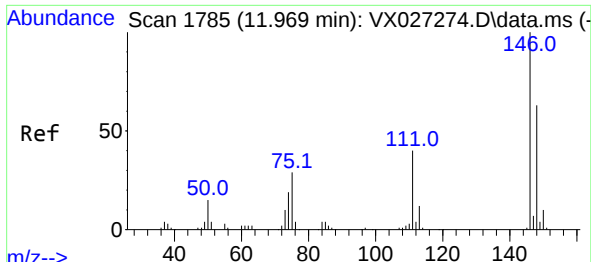
Ion Ratio Lower Upper

119 100

134 22.9 0.0 52.4

91 21.3 0.0 47.2





#83

1,3-Dichlorobenzene

Concen: 0.561 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX027278.D

Acq: 03 Mar 2022 18:16

Instrument :

MSVOA_X

ClientSampleId :

IBLK

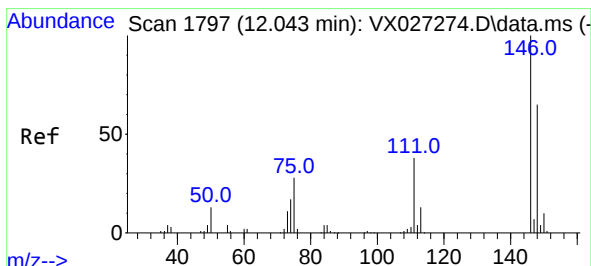
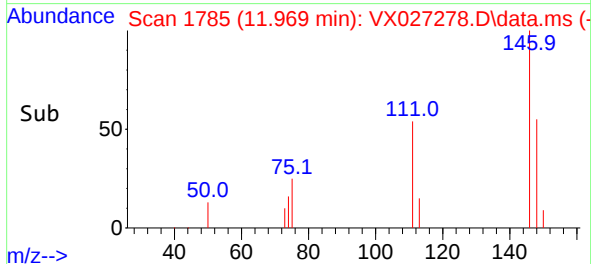
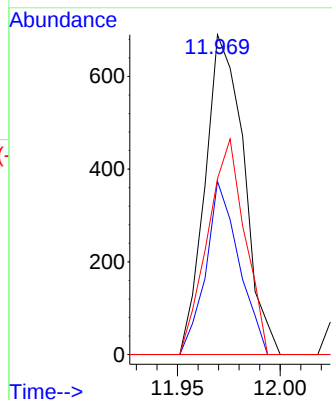
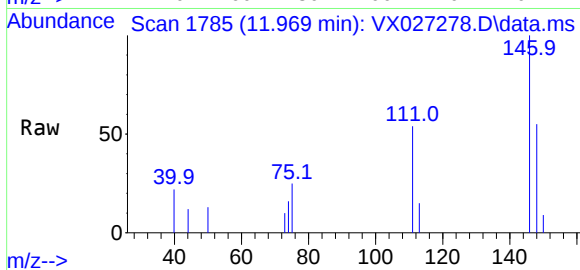
Tgt Ion:146 Resp: 905

Ion Ratio Lower Upper

146 100

111 46.2 19.8 59.4

148 64.6 31.6 94.8



#84

1,4-Dichlorobenzene

Concen: 0.650 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX027278.D

Acq: 03 Mar 2022 18:16

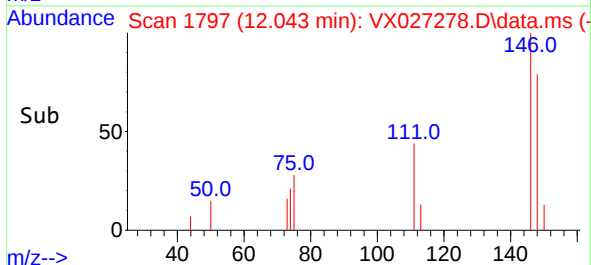
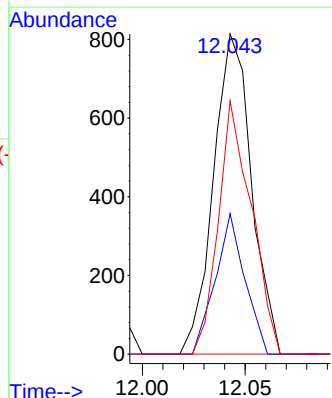
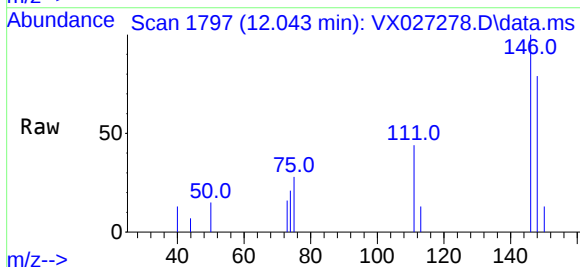
Tgt Ion:146 Resp: 1048

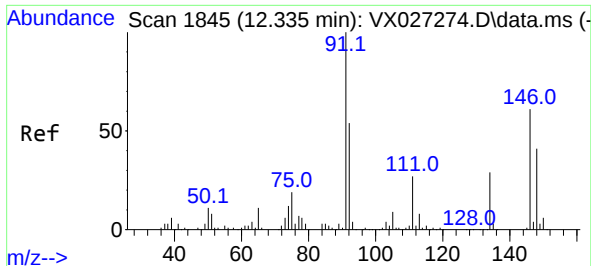
Ion Ratio Lower Upper

146 100

111 34.1 19.2 57.6

148 68.8 32.3 96.8



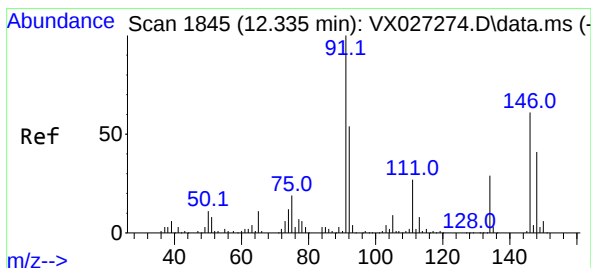
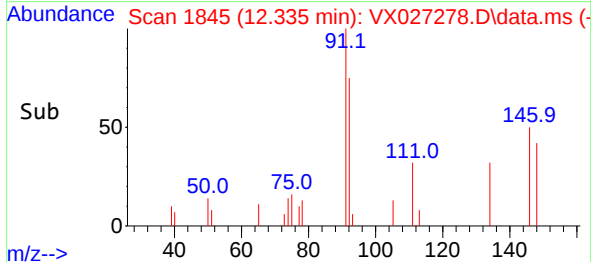
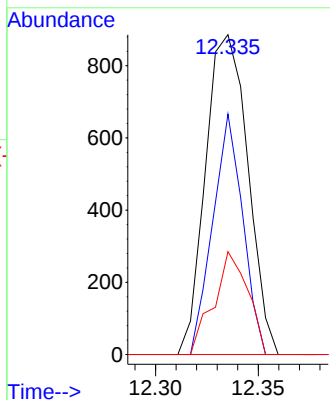
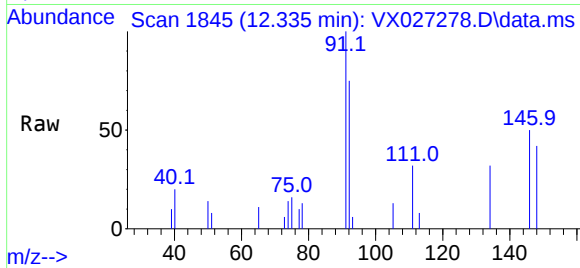


#85
n-Butylbenzene
Concen: 0.506 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX027278.D
Acq: 03 Mar 2022 18:16

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 91 Resp: 1272

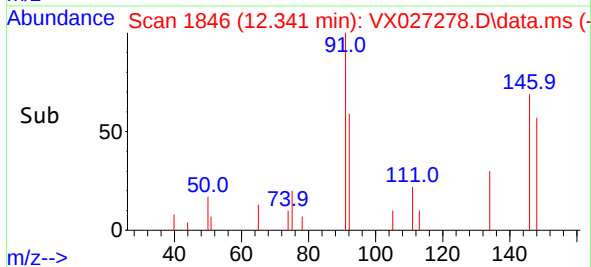
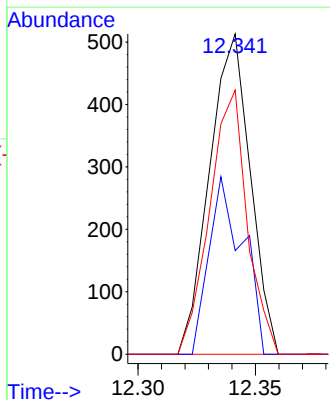
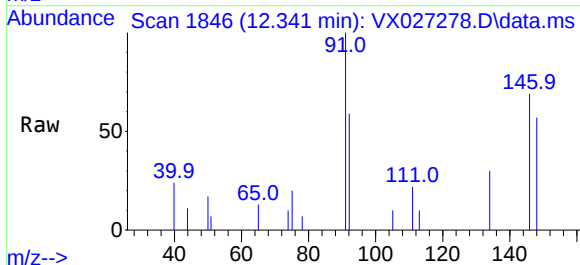
Ion	Ratio	Lower	Upper
91	100		
92	53.1	0.0	109.4
134	25.9	0.0	56.4

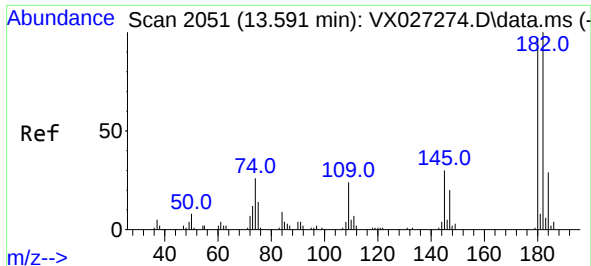


#87
1,2-Dichlorobenzene
Concen: 0.397 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX027278.D
Acq: 03 Mar 2022 18:16

Tgt Ion: 146 Resp: 619

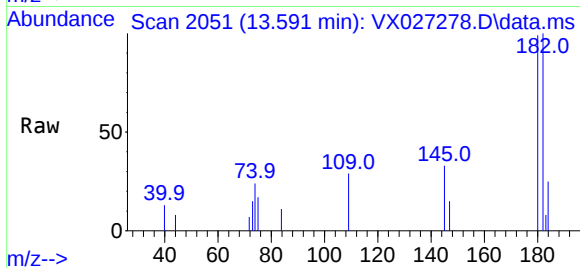
Ion	Ratio	Lower	Upper
146	100		
111	46.0	21.1	63.3
148	76.1	31.4	94.2



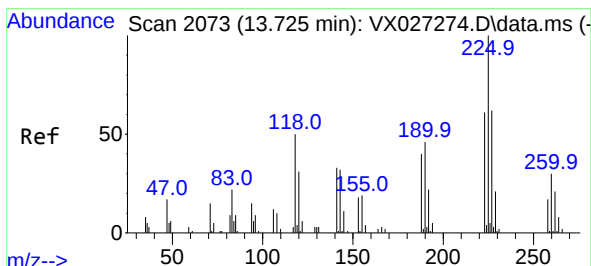
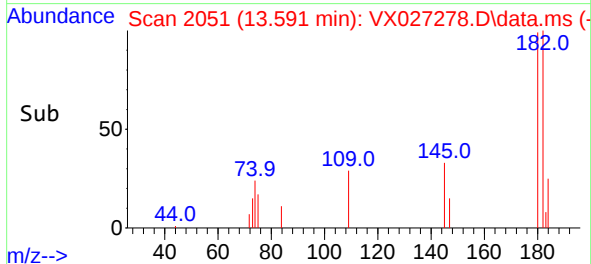
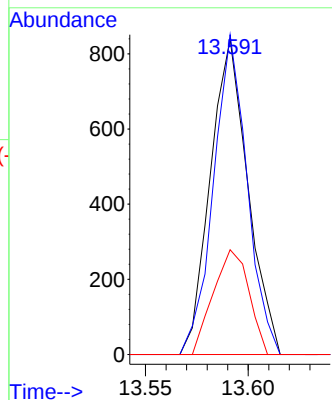


#89
1,2,4-Trichlorobenzene
Concen: 1.039 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX027278.D
Acq: 03 Mar 2022 18:16

Instrument :
MSVOA_X
ClientSampleId :
IBLK

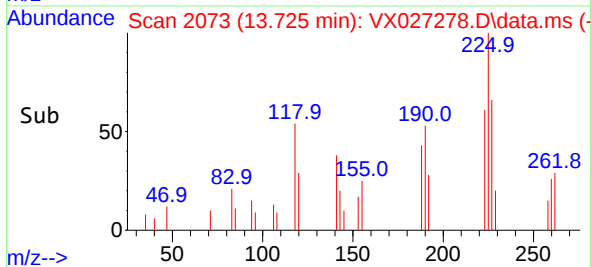
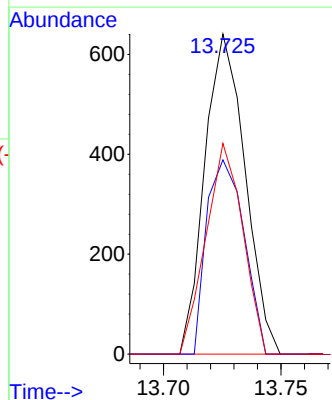
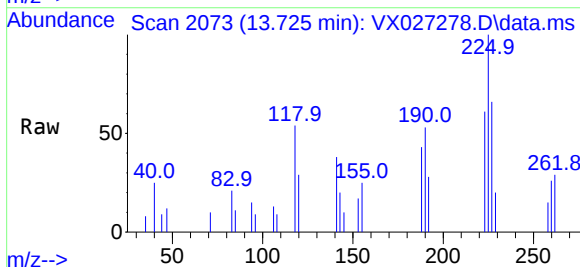


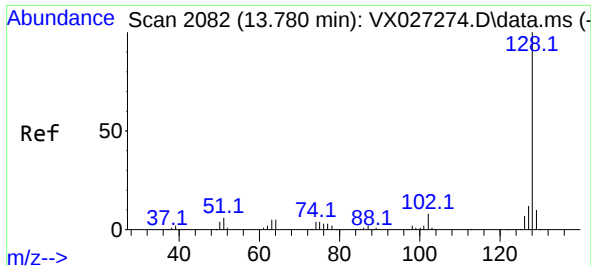
Tgt Ion:180 Resp: 1065
Ion Ratio Lower Upper
180 100
182 90.9 77.4 116.2
145 31.5 24.2 36.4



#90
Hexachlorobutadiene
Concen: 1.777 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX027278.D
Acq: 03 Mar 2022 18:16

Tgt Ion:225 Resp: 765
Ion Ratio Lower Upper
225 100
223 56.3 0.0 126.0
227 60.1 0.0 125.0

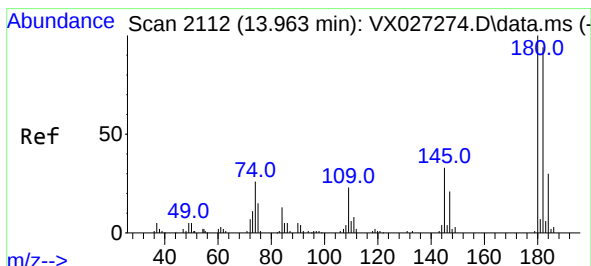
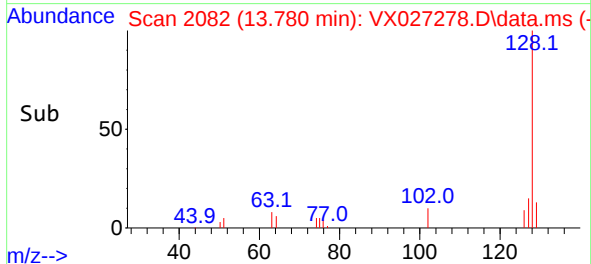
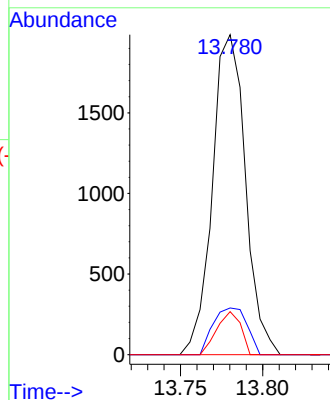
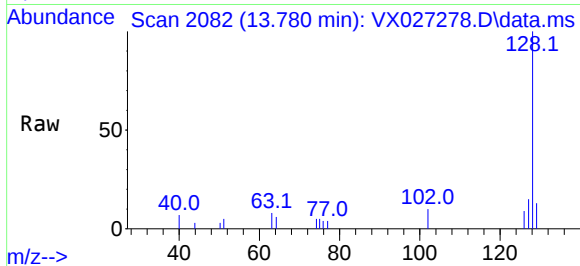




#91
Naphthalene
Concen: 0.813 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX027278.D
Acq: 03 Mar 2022 18:16

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:	128	Resp:	2777
Ion	Ratio	Lower	Upper
128	100		
127	14.9	10.0	15.0
129	9.8	8.8	13.2



#92
1,2,3-Trichlorobenzene
Concen: 1.010 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX027278.D
Acq: 03 Mar 2022 18:16

Tgt Ion:	180	Resp:	1038
Ion	Ratio	Lower	Upper
180	100		
182	96.0	0.0	189.4
145	33.3	0.0	67.2

