

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102622\
 Data File : VX032398.D
 Acq On : 26 Oct 2022 12:39
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Oct 27 08:31:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

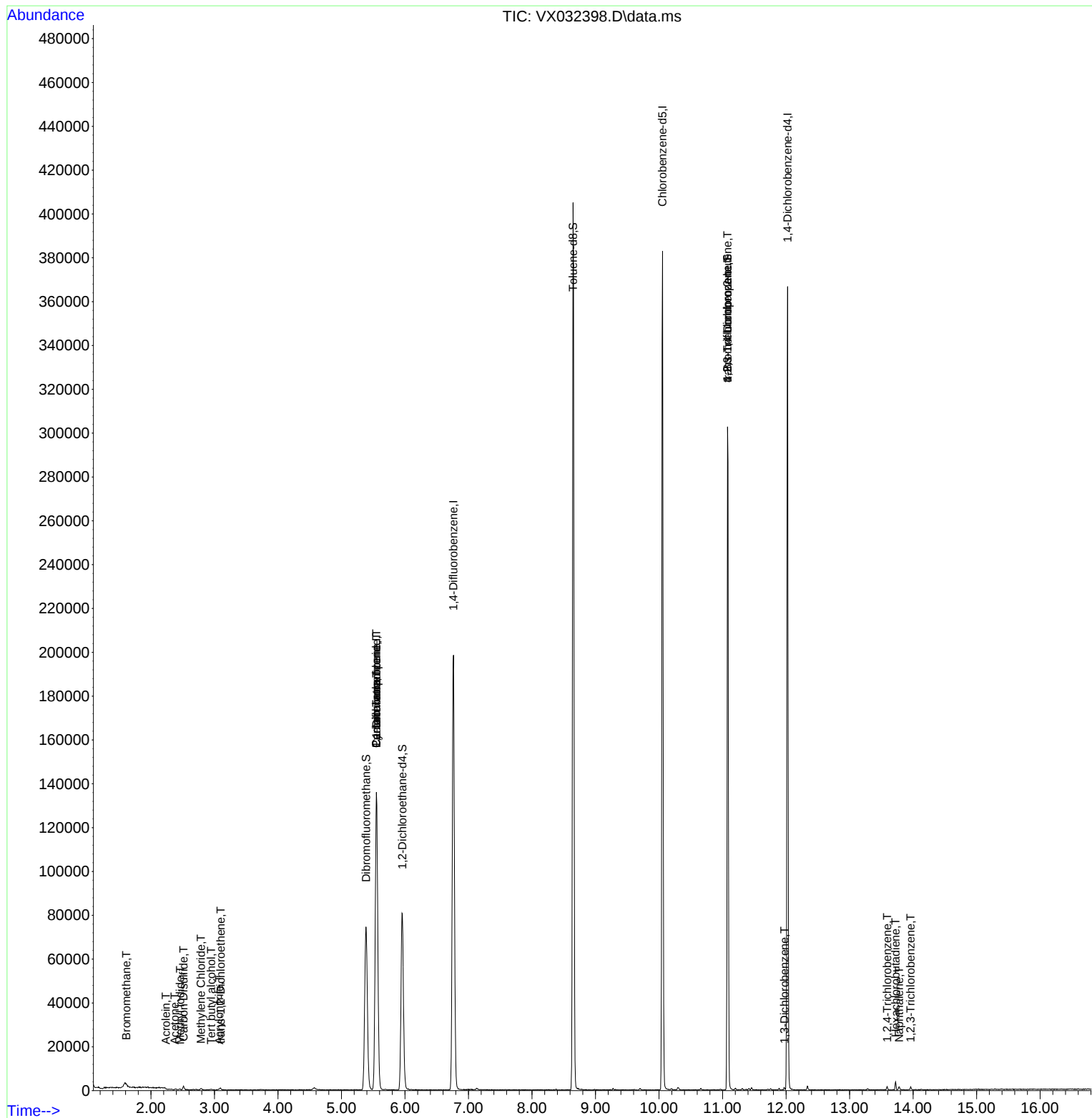
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	127224	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	200736	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	171290	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73685	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81139	45.900	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.800%
35) Dibromofluoromethane	5.385	113	65319	45.618	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.240%
50) Toluene-d8	8.647	98	236385	47.477	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.960%
62) 4-Bromofluorobenzene	11.079	95	77250	39.720	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	79.440%#
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	294	0.269	ug/l	86
10) Methyl Iodide	2.459	142	342	2.133	ug/l #	91
11) Tert butyl alcohol	2.947	59	149	0.579	ug/l #	72
13) Acrolein	2.233	56	72	0.280	ug/l #	14
15) Acrylonitrile	3.075	53	339	0.485	ug/l #	69
16) Acetone	2.374	43	320	0.498	ug/l #	45
17) Carbon Disulfide	2.514	76	1942	0.639	ug/l	99
20) Methylene Chloride	2.788	84	313	0.212	ug/l #	82
21) trans-1,2-Dichloroethene	3.099	96	302	0.217	ug/l #	56
31) Cyclohexane	5.550	56	2781	1.297	ug/l #	34
36) 1,1-Dichloropropene	5.550	75	9772	4.901	ug/l #	49
38) Carbon Tetrachloride	5.550	117	13094	5.921	ug/l #	17
76) 1,2,3-Trichloropropane	11.079	75	42140	25.706	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	42140	81.797	ug/l #	6
87) 1,3-Dichlorobenzene	11.975	146	541	0.200	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	469	0.270	ug/l	96
94) Hexachlorobutadiene	13.725	225	638	0.880	ug/l	95
95) Naphthalene	13.780	128	1432	0.248	ug/l #	96
96) 1,2,3-Trichlorobenzene	13.963	180	486	0.275	ug/l	85

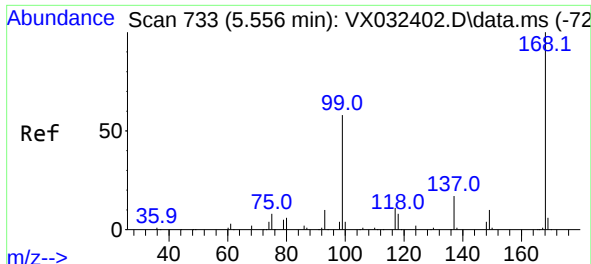
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
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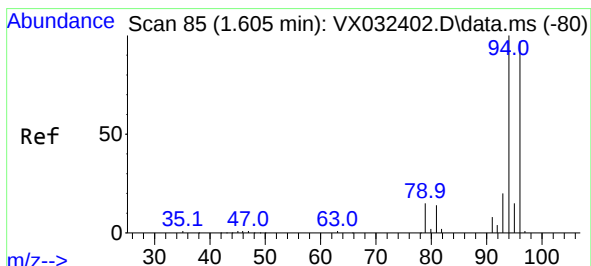
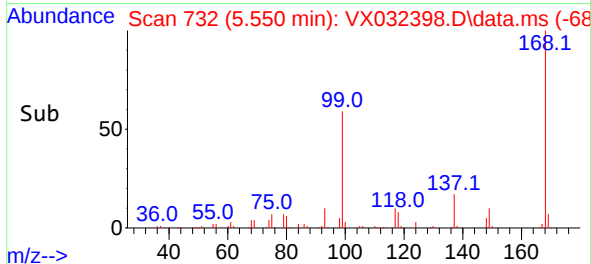
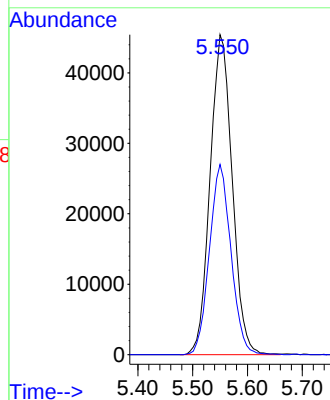
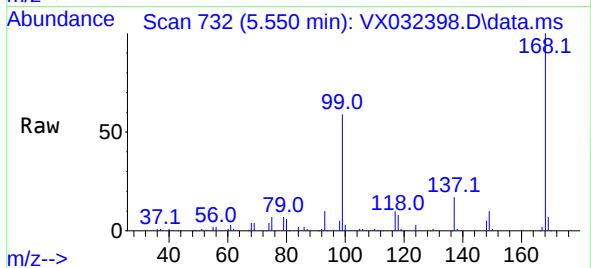




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032398.D
Acq: 26 Oct 2022 12:39

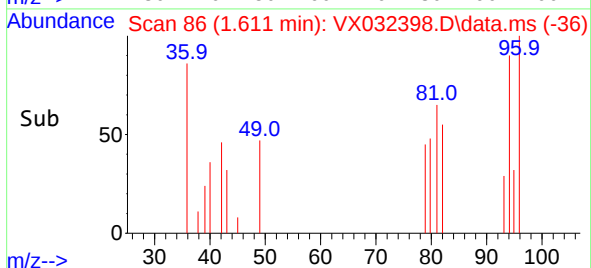
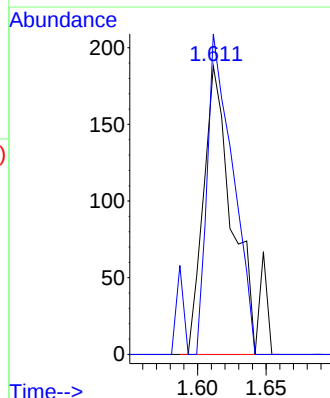
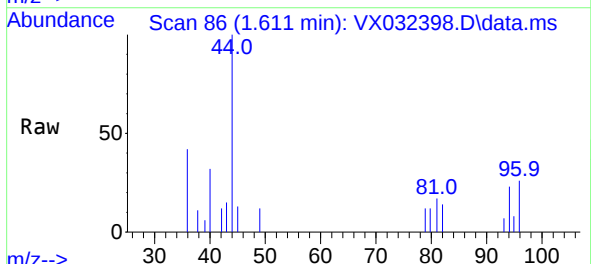
Instrument :
MSVOA_X
ClientSampleId :
IBLK

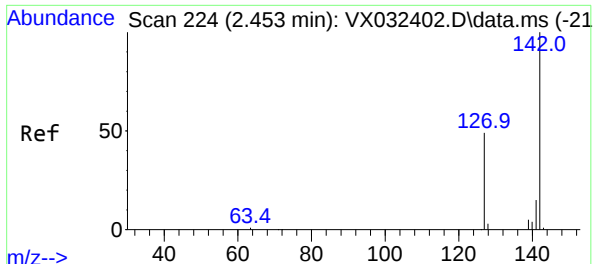
Tgt Ion:168 Resp: 127224
Ion Ratio Lower Upper
168 100
99 59.4 46.1 69.1



#5
Bromomethane
Concen: 0.269 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.006 min
Lab File: VX032398.D
Acq: 26 Oct 2022 12:39

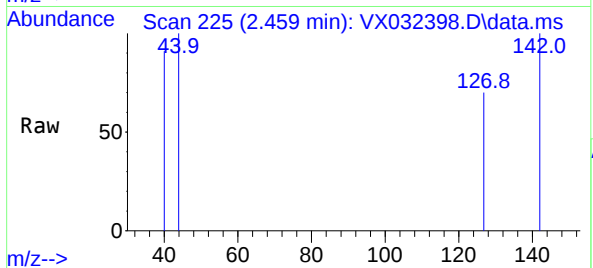
Tgt Ion: 94 Resp: 294
Ion Ratio Lower Upper
94 100
96 111.2 77.6 116.4



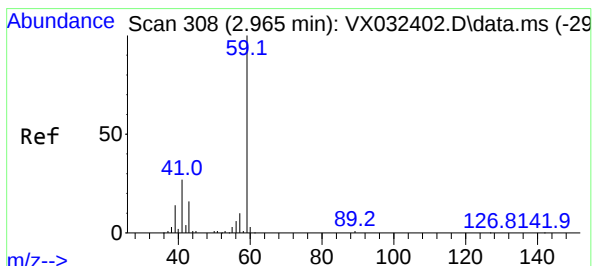
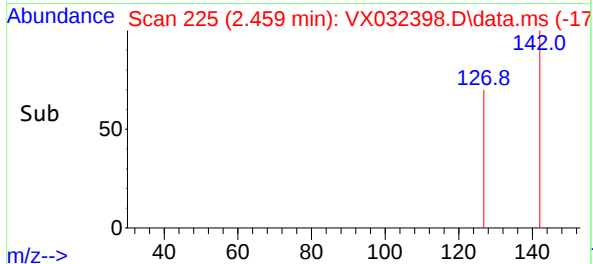
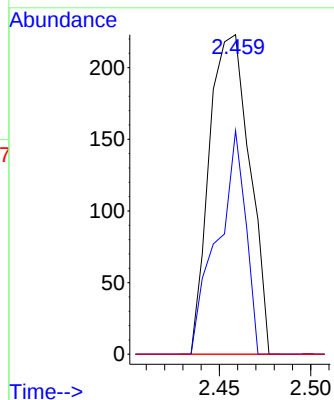


#10
Methyl Iodide
Concen: 2.133 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX032398.D
Acq: 26 Oct 2022 12:39

Instrument :
MSVOA_X
ClientSampleId :
IBLK

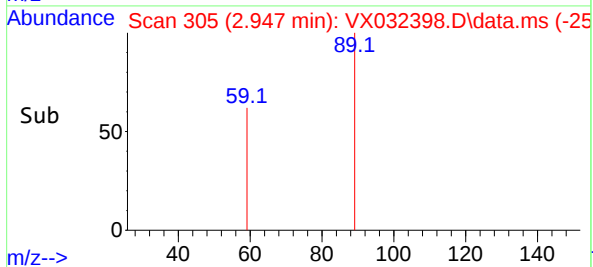
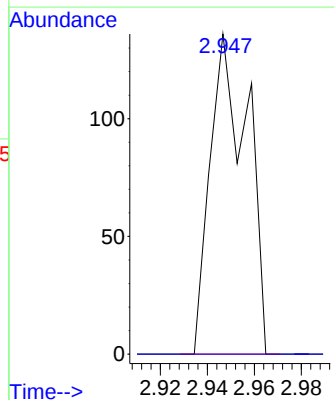
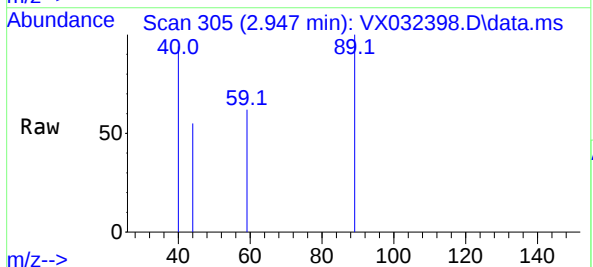


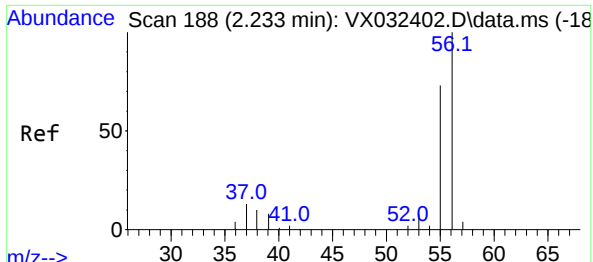
Tgt Ion:142 Resp: 342
Ion Ratio Lower Upper
142 100
127 49.1 38.6 57.8
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 0.579 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX032398.D
Acq: 26 Oct 2022 12:39

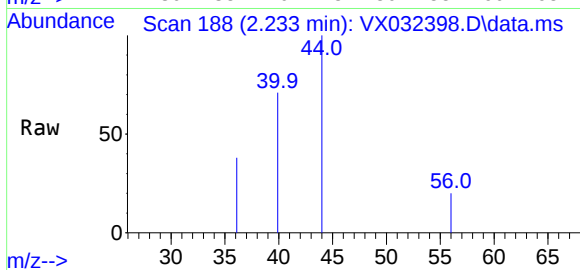
Tgt Ion: 59 Resp: 149
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



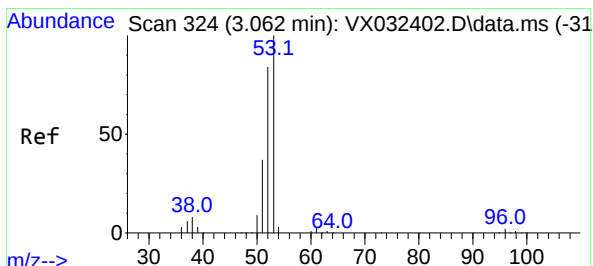
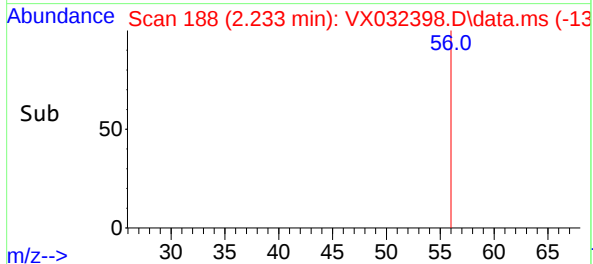
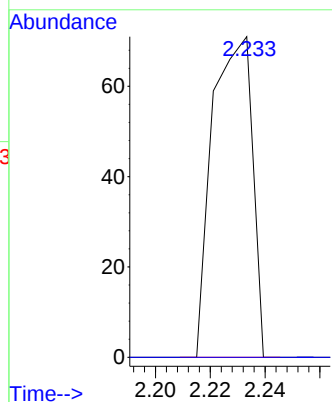


#13
Acrolein
Concen: 0.280 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032398.D
Acq: 26 Oct 2022 12:39

Instrument :
MSVOA_X
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IBLK

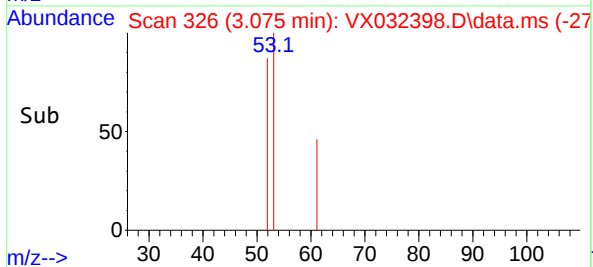
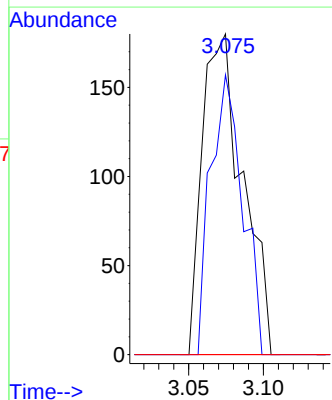
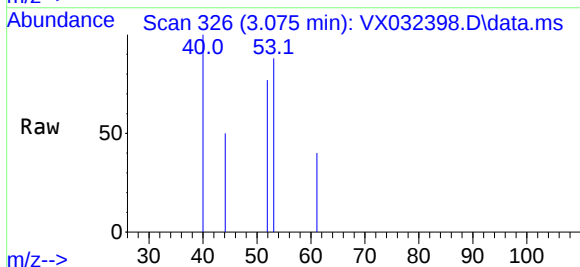


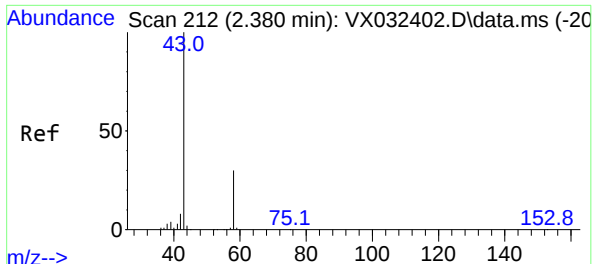
Tgt Ion: 56 Resp: 72
Ion Ratio Lower Upper
56 100
55 0.0 56.9 85.3#



#15
Acrylonitrile
Concen: 0.485 ug/l
RT: 3.075 min Scan# 326
Delta R.T. 0.012 min
Lab File: VX032398.D
Acq: 26 Oct 2022 12:39

Tgt Ion: 53 Resp: 339
Ion Ratio Lower Upper
53 100
52 69.0 67.4 101.0
51 0.0 30.3 45.5#

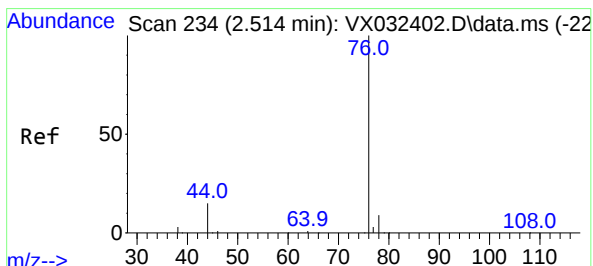
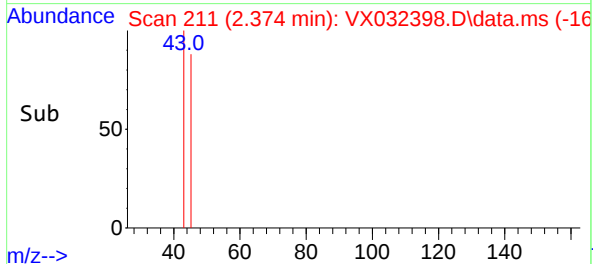
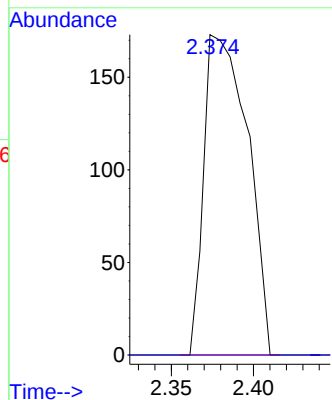
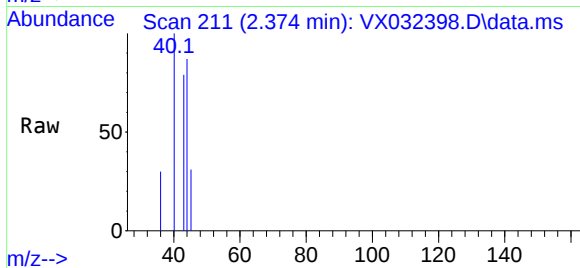




#16
Acetone
Concen: 0.498 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX032398.D
Acq: 26 Oct 2022 12:39

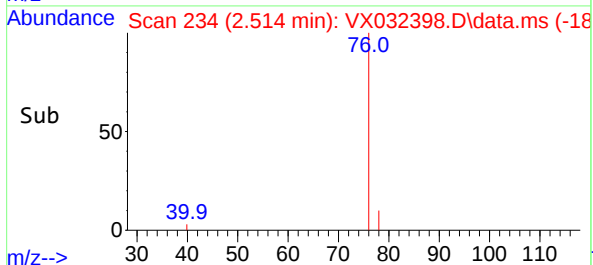
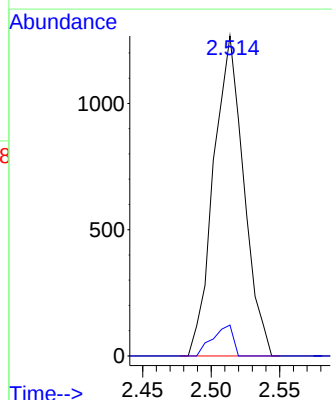
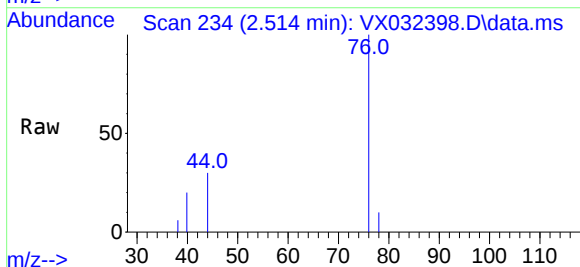
Instrument :
MSVOA_X
ClientSampleId :
IBLK

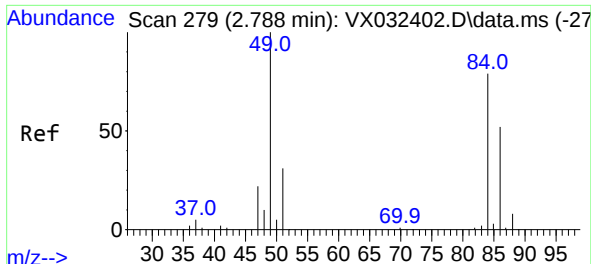
Tgt Ion: 43 Resp: 320
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#17
Carbon Disulfide
Concen: 0.639 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX032398.D
Acq: 26 Oct 2022 12:39

Tgt Ion: 76 Resp: 1942
Ion Ratio Lower Upper
76 100
78 9.6 7.5 11.3



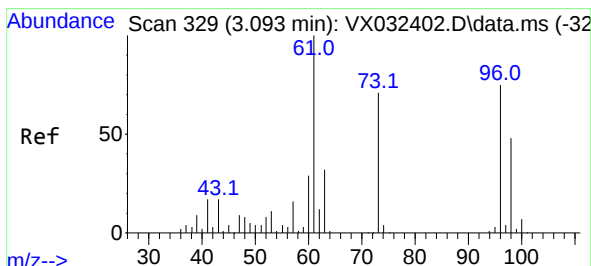
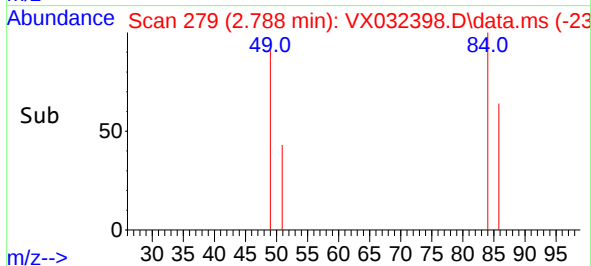
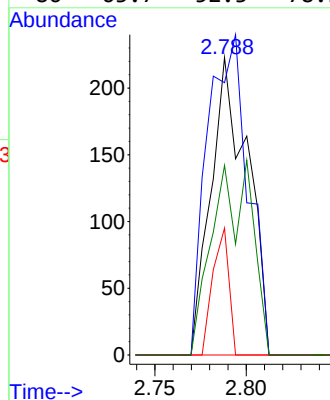
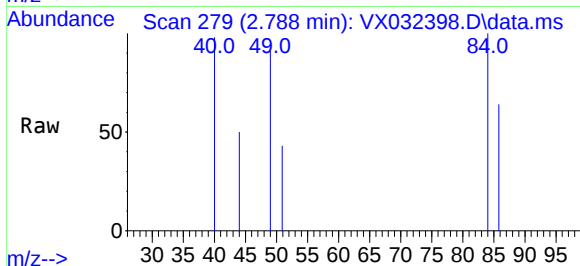


#20
Methylene Chloride
Concen: 0.212 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX032398.D
Acq: 26 Oct 2022 12:39

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 84 Resp: 313

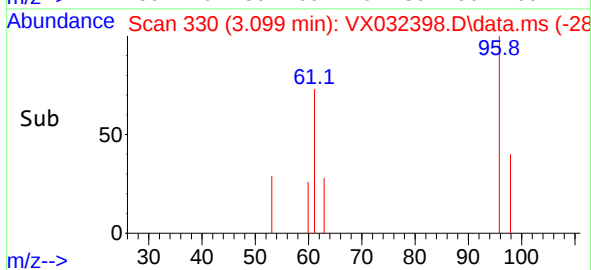
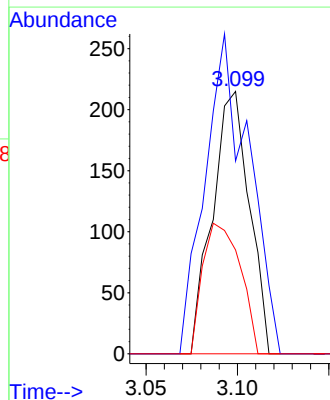
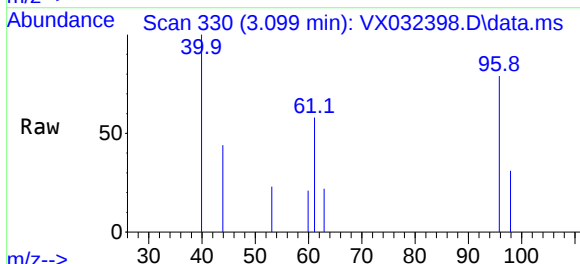
Ion	Ratio	Lower	Upper
84	100		
49	91.5	101.0	151.6#
51	42.6	31.1	46.7
86	63.7	52.3	78.5

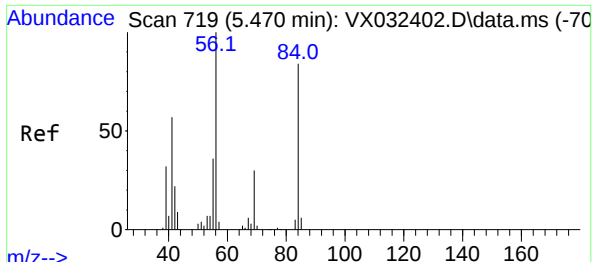


#21
trans-1,2-Dichloroethene
Concen: 0.217 ug/l
RT: 3.099 min Scan# 330
Delta R.T. 0.006 min
Lab File: VX032398.D
Acq: 26 Oct 2022 12:39

Tgt Ion: 96 Resp: 302

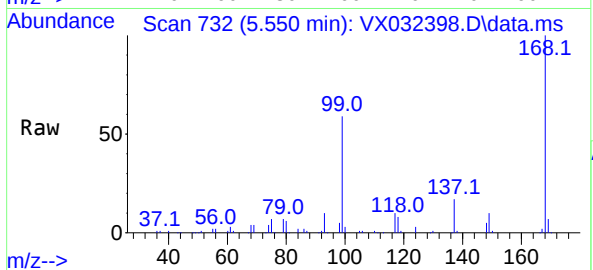
Ion	Ratio	Lower	Upper
96	100		
61	73.5	106.6	160.0#
98	39.5	51.0	76.6#



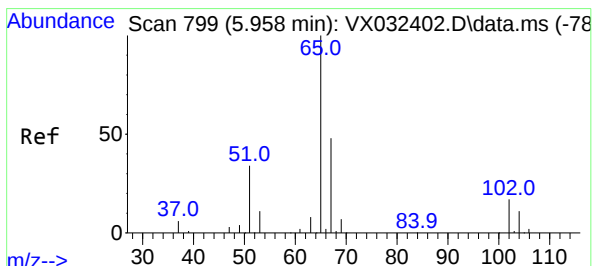
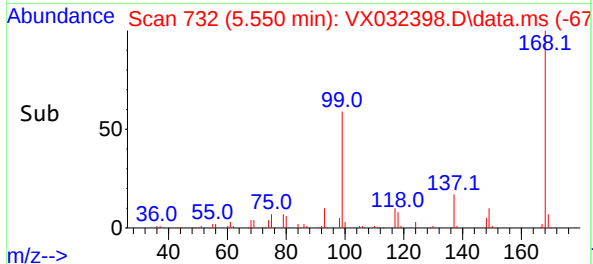
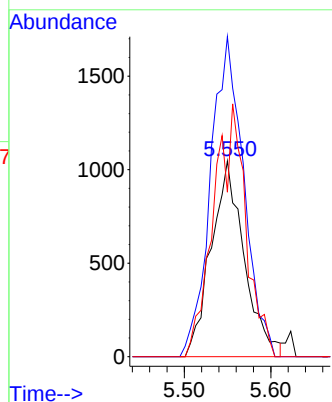


#31
Cyclohexane
Concen: 1.297 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX032398.D
Acq: 26 Oct 2022 12:39

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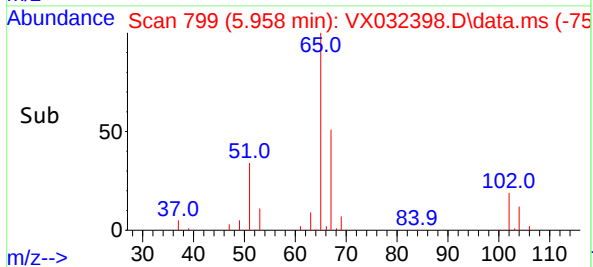
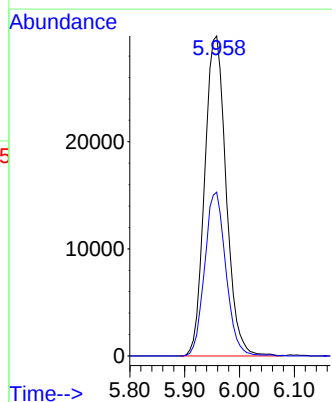
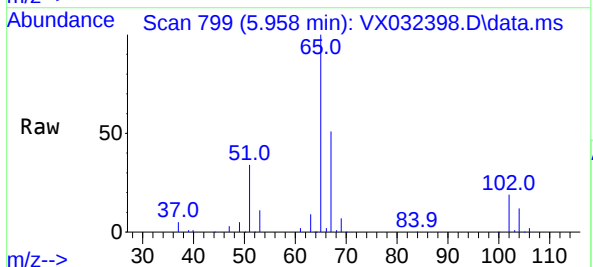


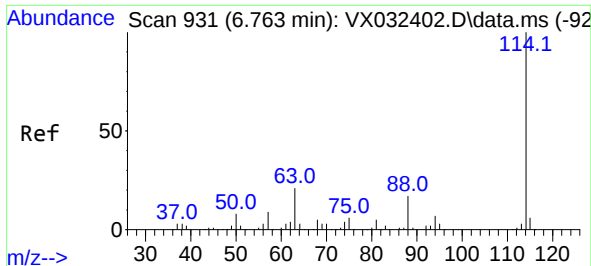
Tgt Ion: 56 Resp: 2781
Ion Ratio Lower Upper
56 100
69 163.6 24.1 36.1#
84 84.1 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 45.900 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032398.D
Acq: 26 Oct 2022 12:39

Tgt Ion: 65 Resp: 81139
Ion Ratio Lower Upper
65 100
67 50.5 0.0 101.8

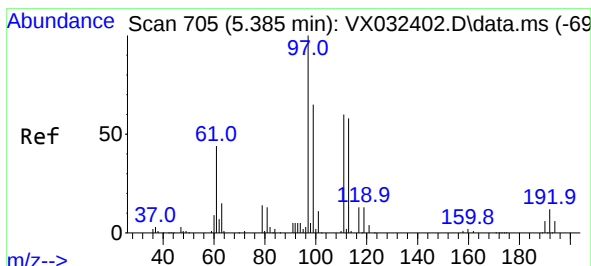
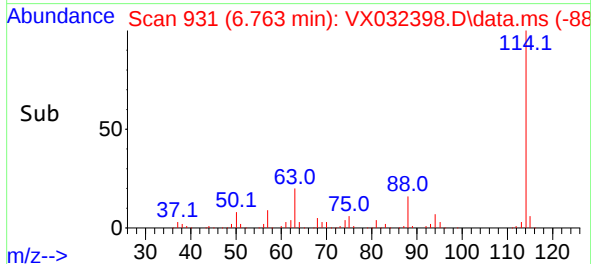
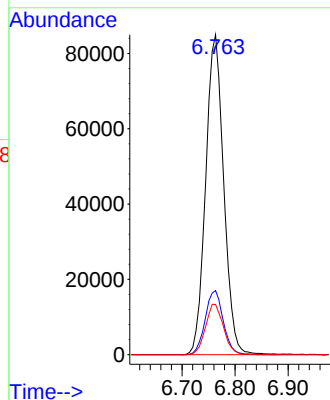
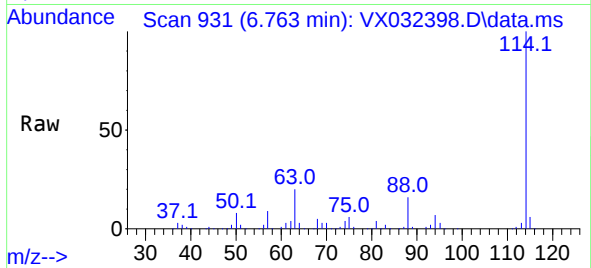




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX032398.D
Acq: 26 Oct 2022 12:39

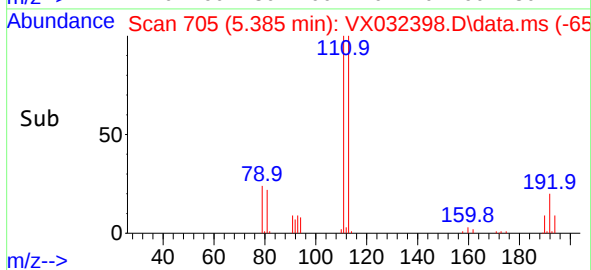
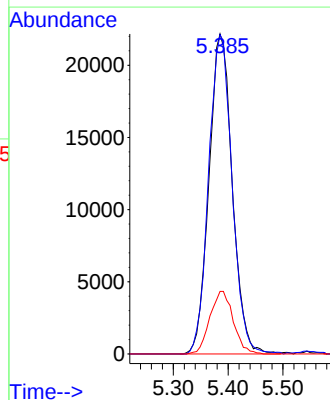
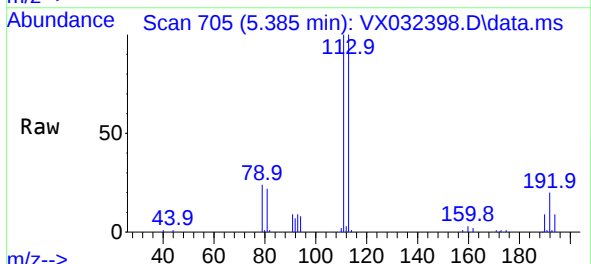
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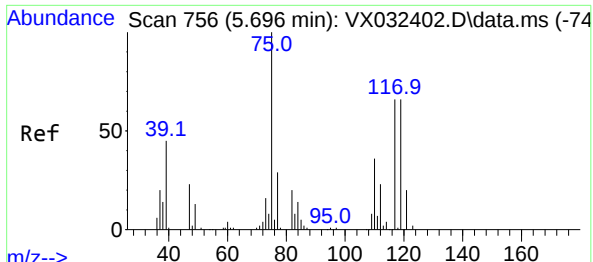
Tgt Ion:114 Resp: 200736
Ion Ratio Lower Upper
114 100
63 20.0 0.0 41.6
88 15.7 0.0 33.4



#35
Dibromofluoromethane
Concen: 45.618 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032398.D
Acq: 26 Oct 2022 12:39

Tgt Ion:113 Resp: 65319
Ion Ratio Lower Upper
113 100
111 100.2 82.4 123.6
192 19.6 15.4 23.2

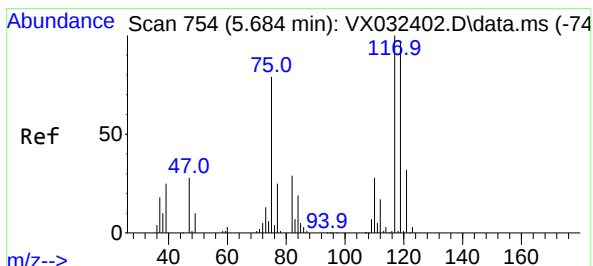
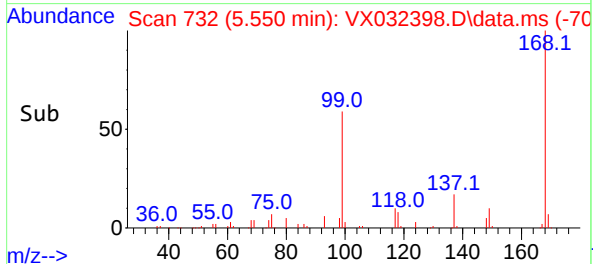
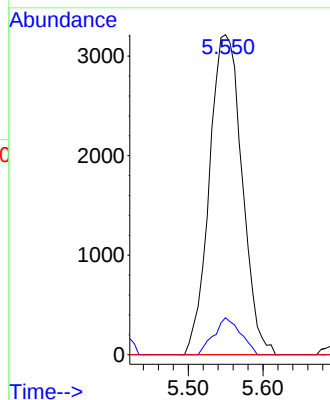
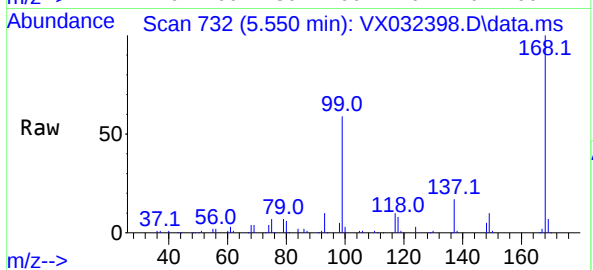




#36
1,1-Dichloropropene
Concen: 4.901 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX032398.D
Acq: 26 Oct 2022 12:39

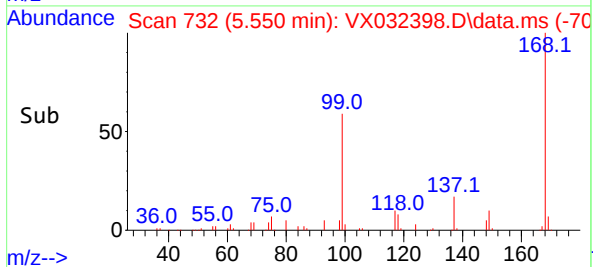
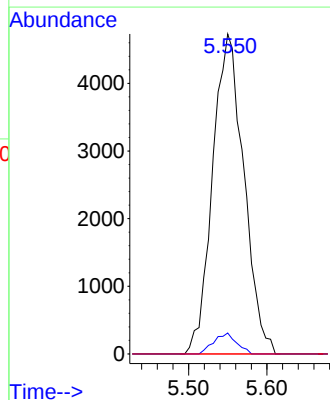
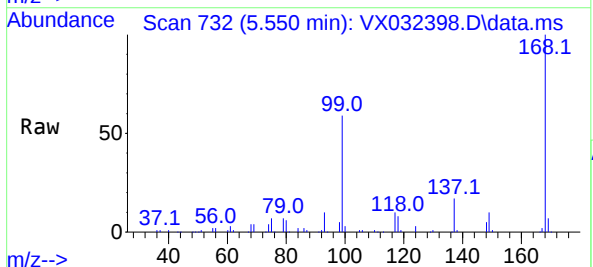
Instrument :
MSVOA_X
ClientSampleId :
IBLK

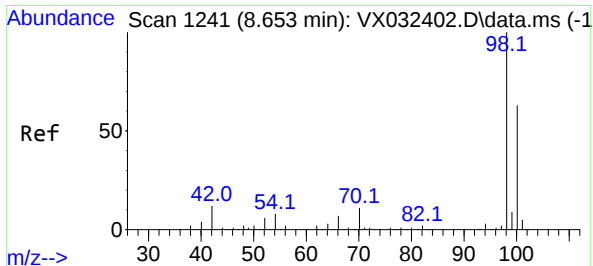
Tgt Ion: 75 Resp: 9772
Ion Ratio Lower Upper
75 100
110 9.4 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.921 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX032398.D
Acq: 26 Oct 2022 12:39

Tgt Ion: 117 Resp: 13094
Ion Ratio Lower Upper
117 100
119 6.5 77.2 115.8#
121 0.0 25.8 38.6#

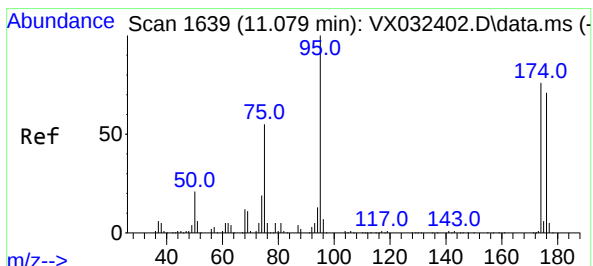
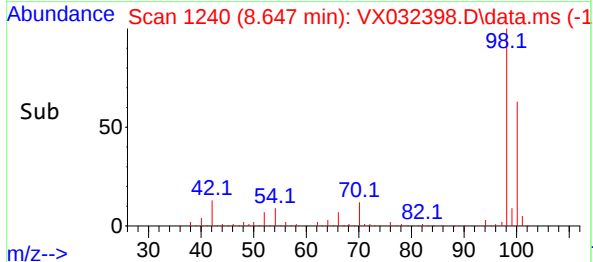
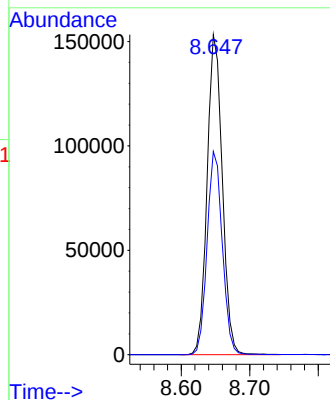
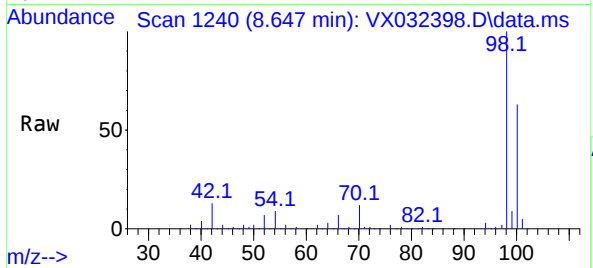




#50
Toluene-d8
Concen: 47.477 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032398.D
Acq: 26 Oct 2022 12:39

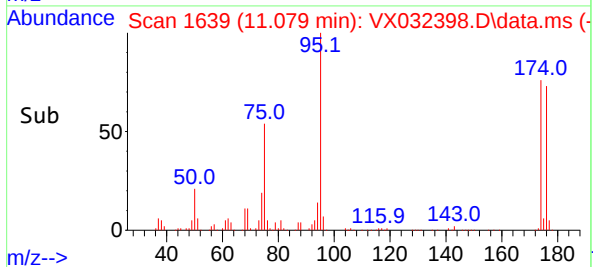
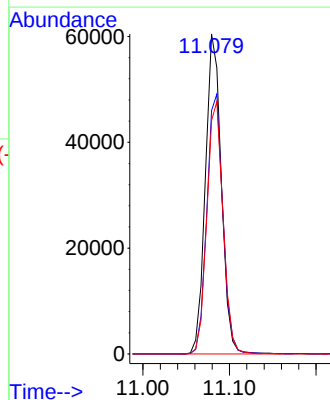
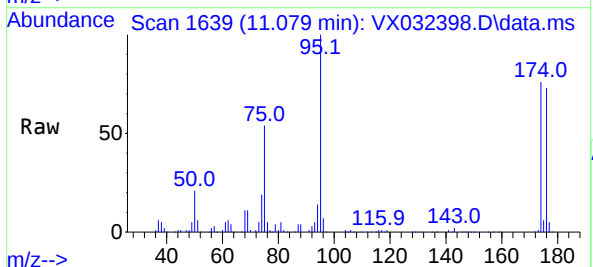
Instrument :
MSVOA_X
ClientSampleId :
IBLK

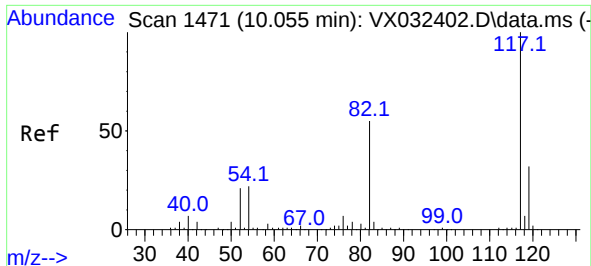
Tgt Ion: 98 Resp: 236385
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 39.720 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032398.D
Acq: 26 Oct 2022 12:39

Tgt Ion: 95 Resp: 77250
Ion Ratio Lower Upper
95 100
174 82.0 0.0 164.0
176 80.0 0.0 154.4

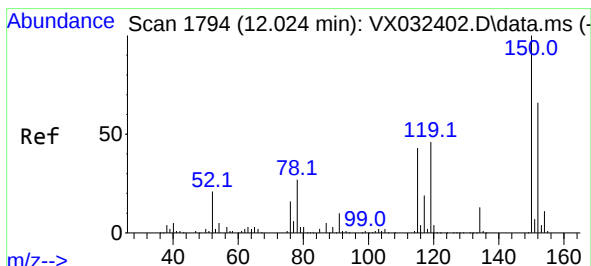
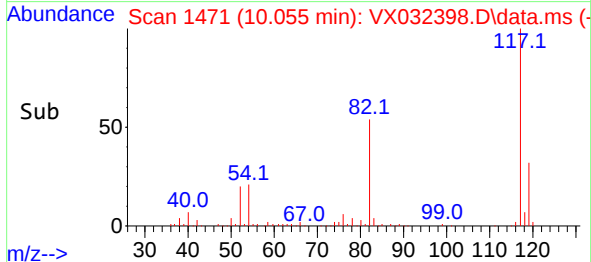
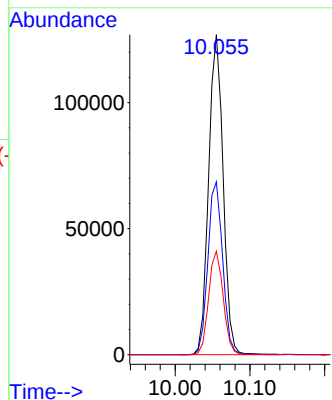
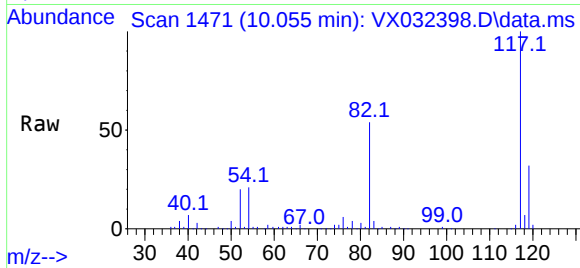




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032398.D
Acq: 26 Oct 2022 12:39

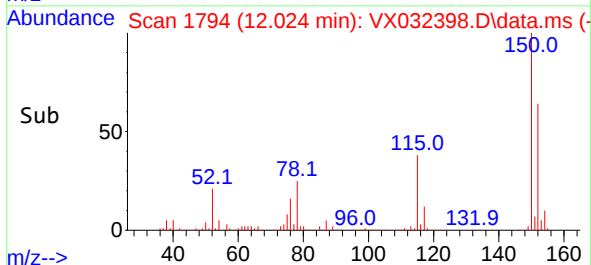
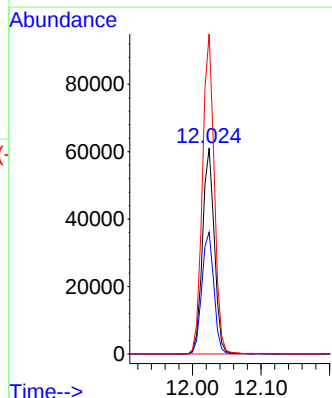
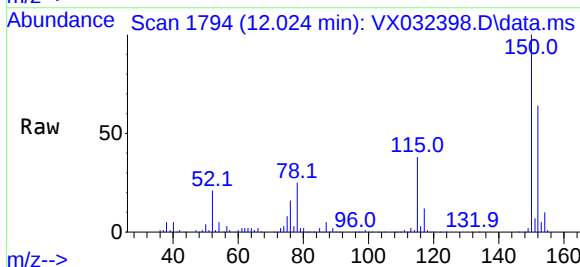
Instrument :
MSVOA_X
ClientSampleId :
IBLK

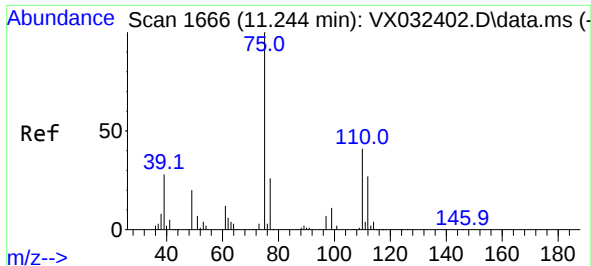
Tgt Ion:117 Resp: 171290
Ion Ratio Lower Upper
117 100
82 54.0 44.3 66.5
119 32.4 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032398.D
Acq: 26 Oct 2022 12:39

Tgt Ion:152 Resp: 73685
Ion Ratio Lower Upper
152 100
115 60.3 44.0 132.0
150 155.4 0.0 351.8

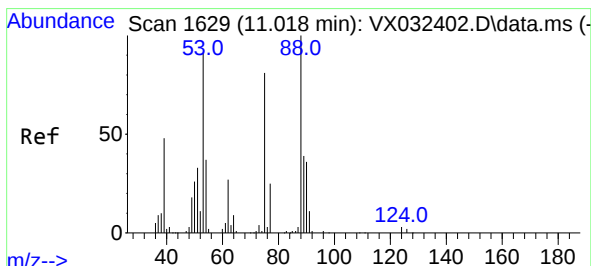
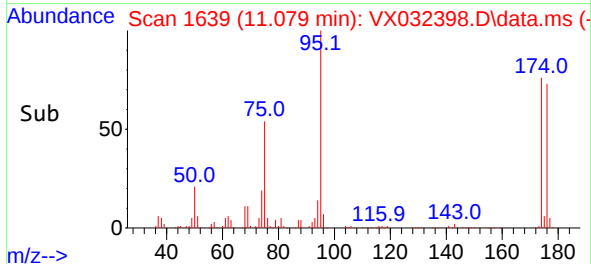
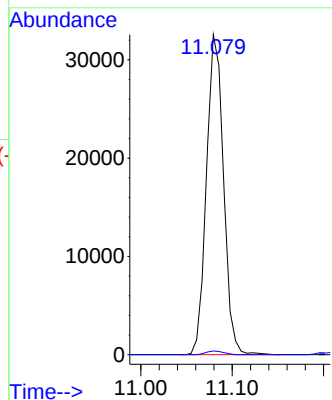
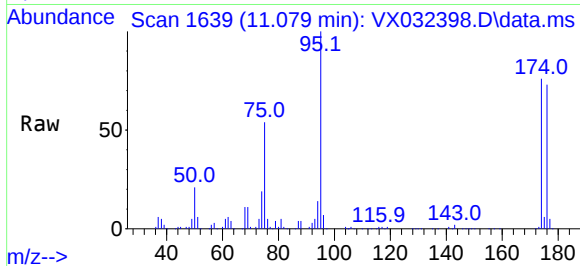




#76
1,2,3-Trichloropropane
Concen: 25.706 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032398.D
Acq: 26 Oct 2022 12:39

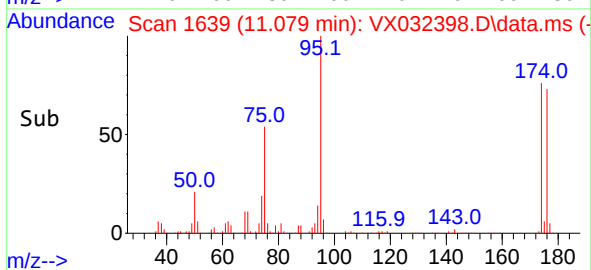
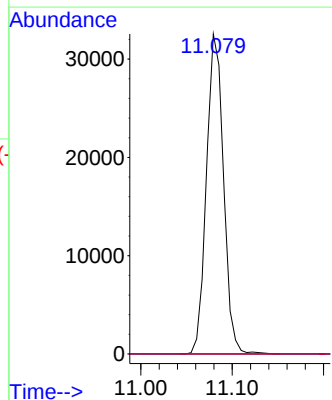
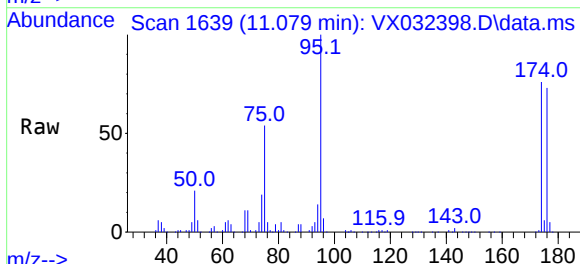
Instrument :
MSVOA_X
ClientSampleId :
IBLK

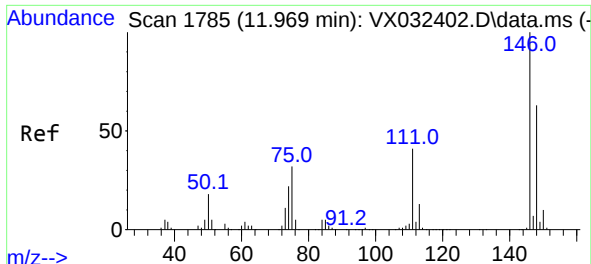
Tgt Ion: 75 Resp: 42140
Ion Ratio Lower Upper
75 100
77 1.2 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.797 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032398.D
Acq: 26 Oct 2022 12:39

Tgt Ion: 75 Resp: 42140
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#





#87

1,3-Dichlorobenzene

Concen: 0.200 ug/l

RT: 11.975 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX032398.D

Acq: 26 Oct 2022 12:39

Instrument :

MSVOA_X

ClientSampleId :

IBLK

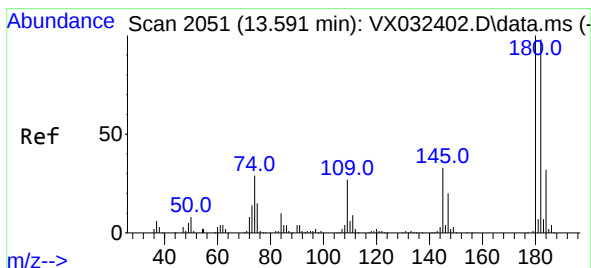
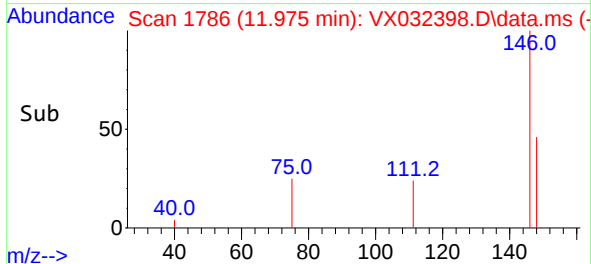
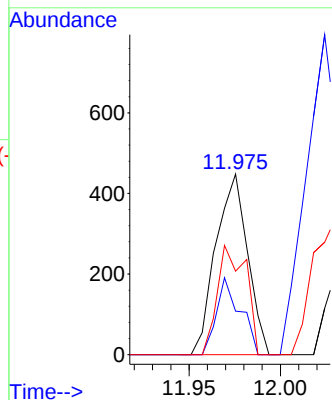
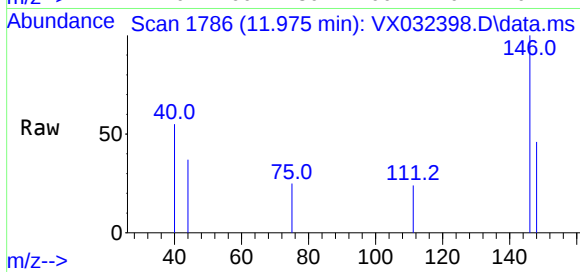
Tgt Ion:146 Resp: 541

Ion Ratio Lower Upper

146 100

111 32.0 20.6 61.8

148 54.3 31.7 95.1



#93

1,2,4-Trichlorobenzene

Concen: 0.270 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX032398.D

Acq: 26 Oct 2022 12:39

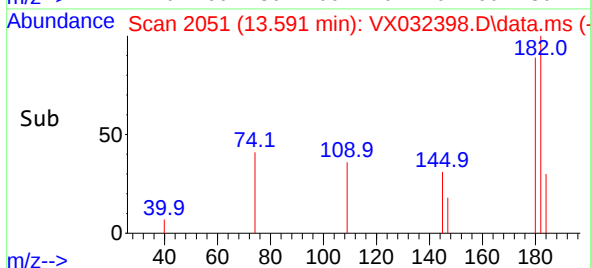
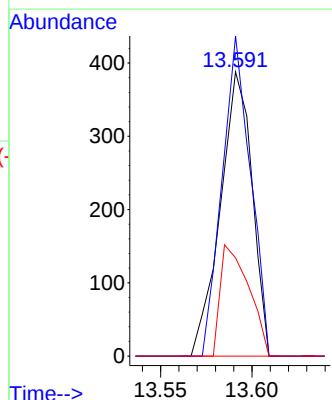
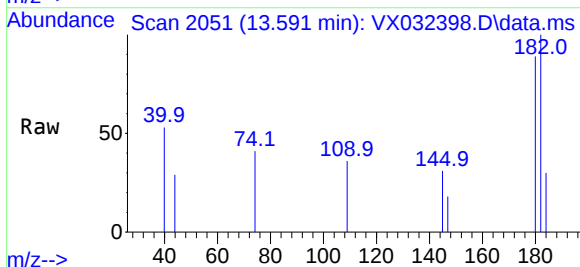
Tgt Ion:180 Resp: 469

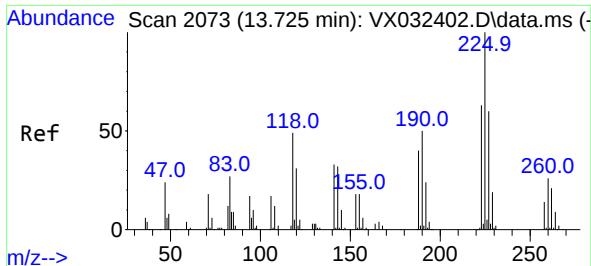
Ion Ratio Lower Upper

180 100

182 100.6 48.4 145.0

145 35.0 16.2 48.5

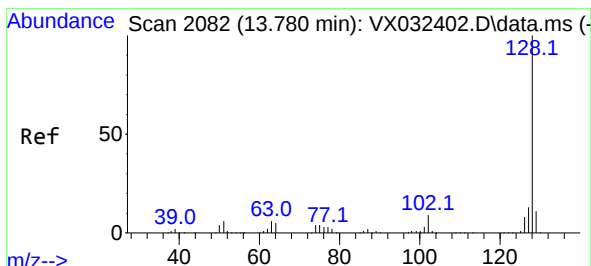
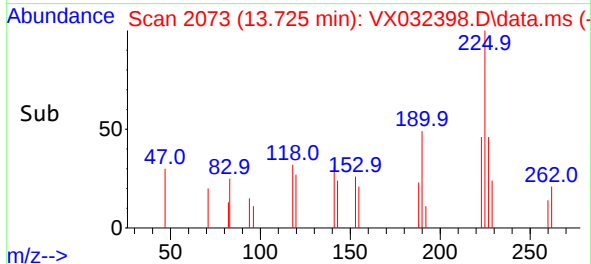
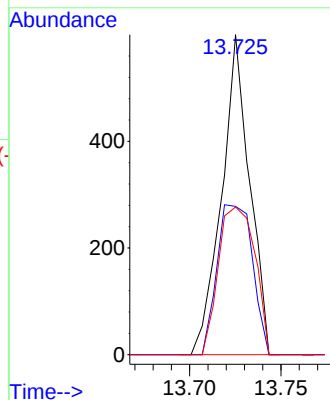
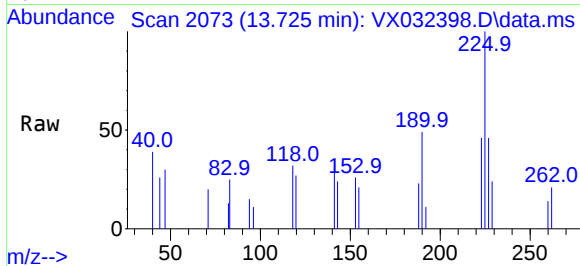




#94
Hexachlorobutadiene
Concen: 0.880 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX032398.D
Acq: 26 Oct 2022 12:39

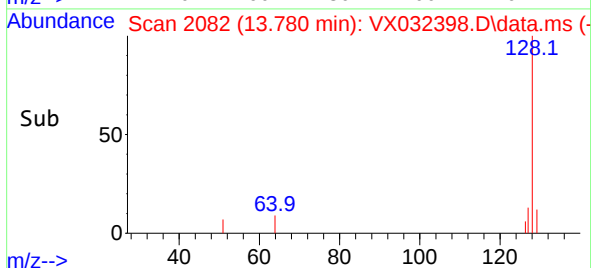
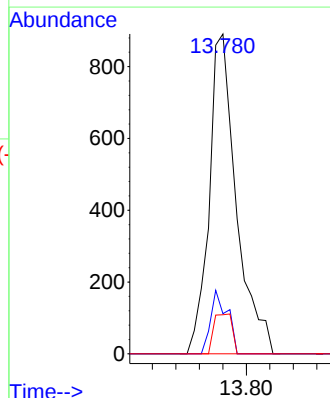
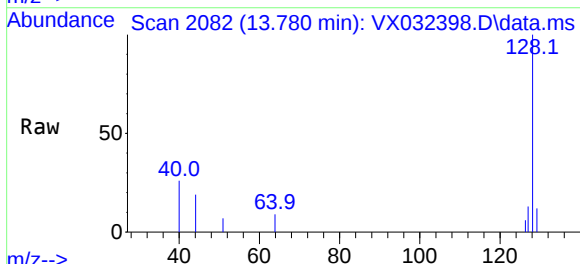
Instrument :
MSVOA_X
ClientSampleId :
IBLK

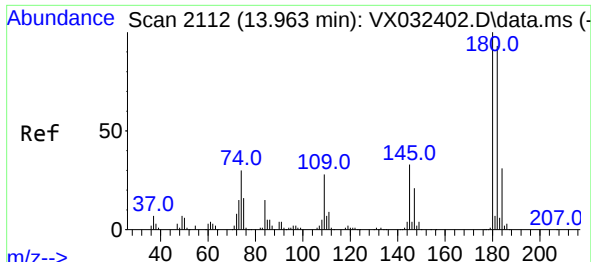
Tgt Ion:	225	Resp:	638
Ion	Ratio	Lower	Upper
225	100		
223	59.1	31.9	95.9
227	60.2	31.9	95.5



#95
Naphthalene
Concen: 0.248 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX032398.D
Acq: 26 Oct 2022 12:39

Tgt Ion:	128	Resp:	1432
Ion	Ratio	Lower	Upper
128	100		
127	12.2	10.2	15.4
129	8.4	8.9	13.3





#96

1,2,3-Trichlorobenzene

Concen: 0.275 ug/l

RT: 13.963 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX032398.D

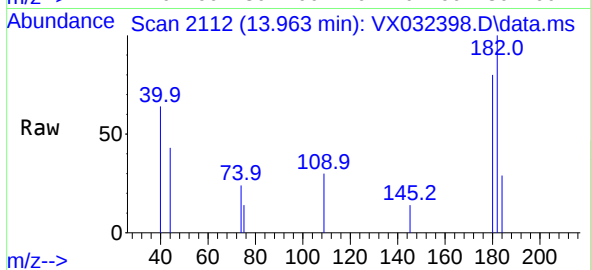
Acq: 26 Oct 2022 12:39

Instrument :

MSVOA_X

ClientSampleId :

IBLK



Tgt Ion:180 Resp: 486

Ion Ratio Lower Upper

180 100

182 105.6 47.5 142.6

145 17.7 16.9 50.6

