

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032624\
 Data File : VX040792.D
 Acq On : 26 Mar 2024 09:59
 Operator : JC/MD
 Sample : VX0326MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0326MBL01

Quant Time: Mar 27 02:40:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:44:48 2024
 Response via : Initial Calibration

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

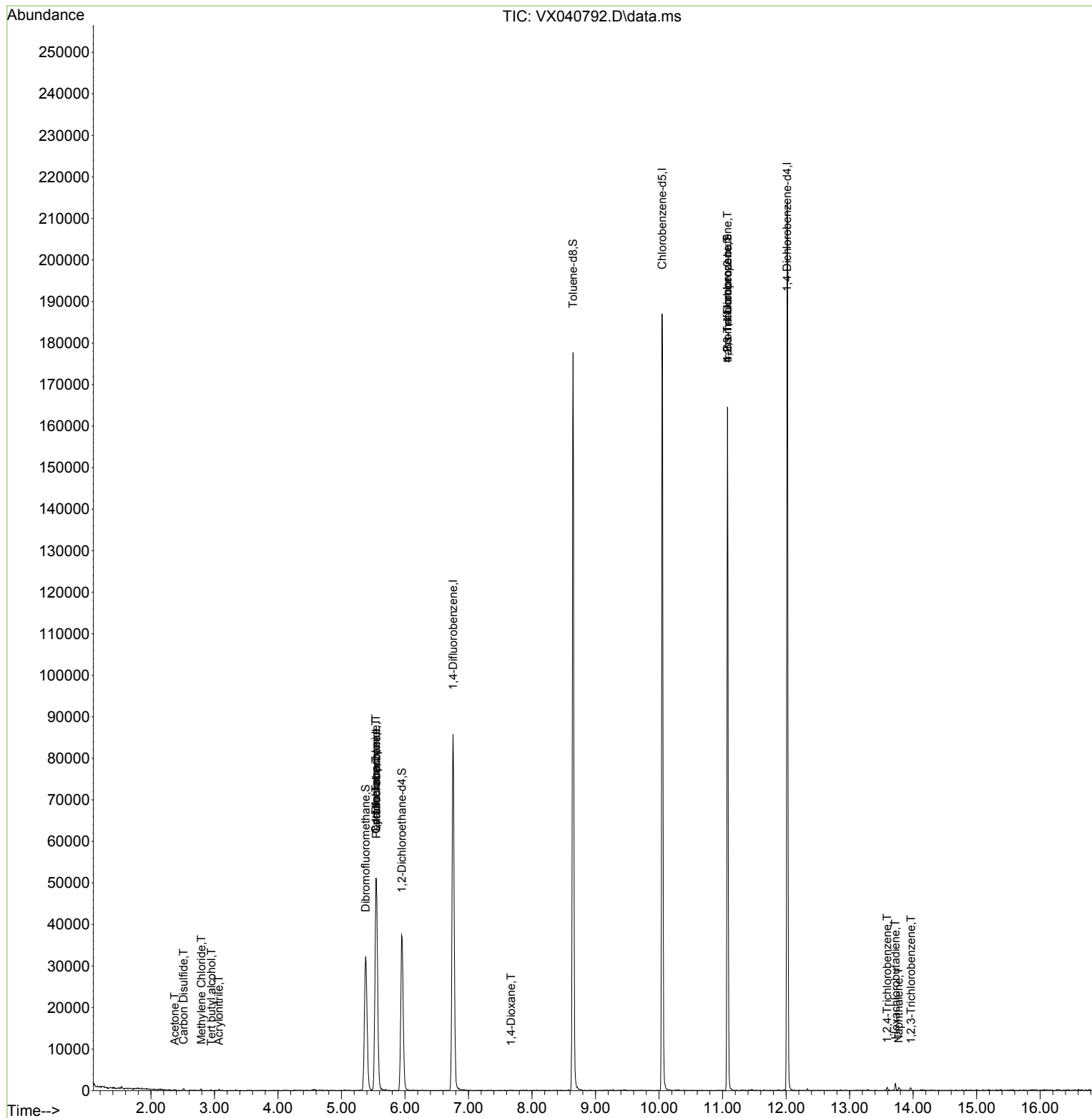
Internal Standards						
1) Pentafluorobenzene	5.550	168	45814	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	82397	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	78228	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	39698	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	38490	49.965	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.920%		
35) Dibromofluoromethane	5.379	113	28350	45.982	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.960%		
50) Toluene-d8	8.647	98	103108	48.841	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.680%		
62) 4-Bromofluorobenzene	11.079	95	40260	48.270	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.540%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.953	59	52	0.422	ug/l #	78
15) Acrylonitrile	3.069	53	146	0.479	ug/l #	71
16) Acetone	2.374	43	158	0.579	ug/l #	47
17) Carbon Disulfide	2.514	76	562	0.362	ug/l #	76
20) Methylene Chloride	2.794	84	137	0.230	ug/l #	58
31) Cyclohexane	5.544	56	1376	1.503	ug/l #	62
36) 1,1-Dichloropropene	5.544	75	4300	4.737	ug/l #	50
38) Carbon Tetrachloride	5.544	117	5112	5.003	ug/l #	16
49) 1,4-Dioxane	7.671	88	21	1.682	ug/l #	12
76) 1,2,3-Trichloropropane	11.079	75	23742	27.807	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	23742	70.347	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	323	0.332	ug/l #	66
94) Hexachlorobutadiene	13.725	225	430	1.122	ug/l	74
95) Naphthalene	13.774	128	883	0.287	ug/l #	80
96) 1,2,3-Trichlorobenzene	13.969	180	248	0.260	ug/l #	81

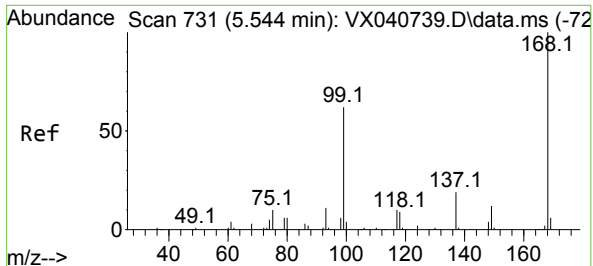
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032124W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

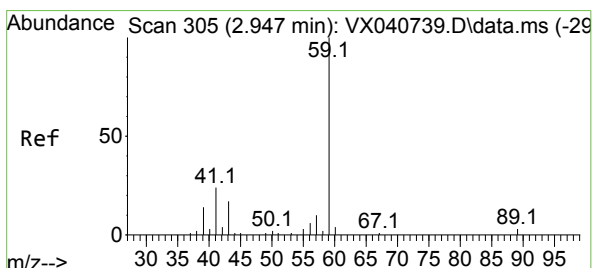
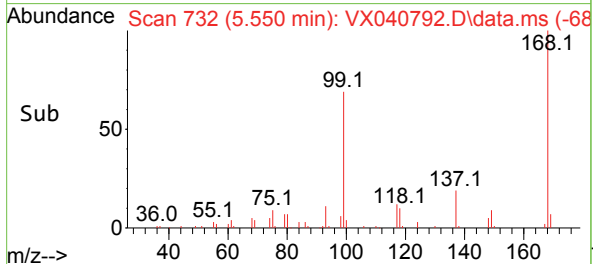
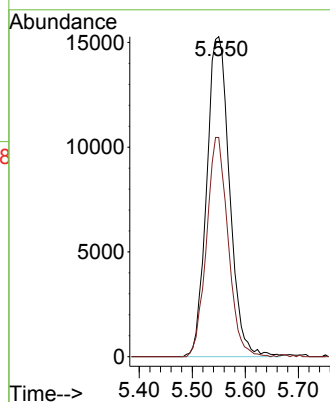
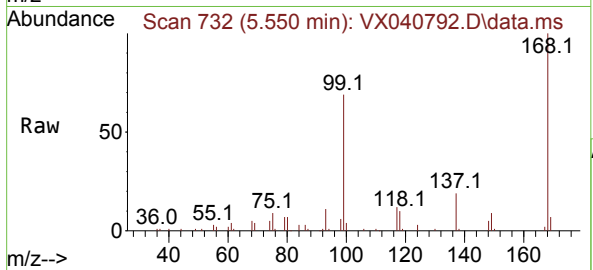




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040792.D
Acq: 26 Mar 2024 09:59

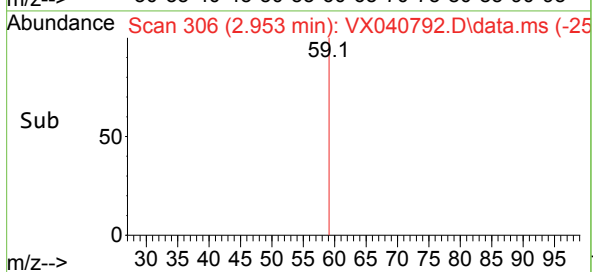
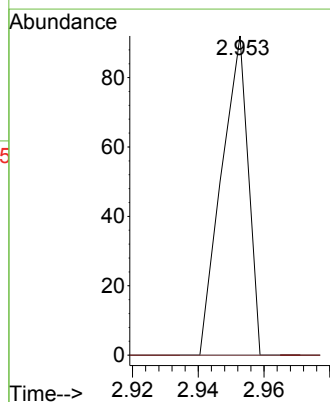
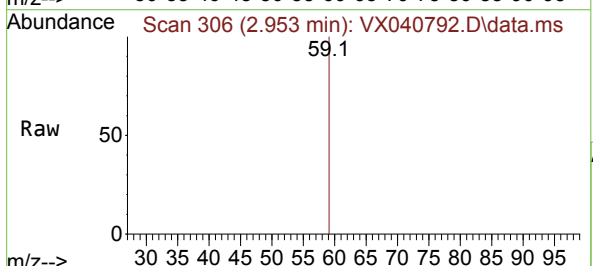
Instrument :
MSVOA_X
ClientSampleId :
VX0326MBL01

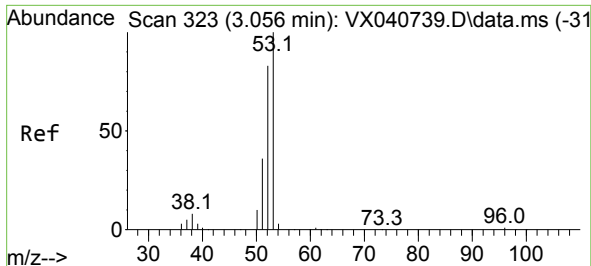
Tgt Ion:168 Resp: 45814
Ion Ratio Lower Upper
168 100
99 68.5 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.422 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.006 min
Lab File: VX040792.D
Acq: 26 Mar 2024 09:59

Tgt Ion: 59 Resp: 52
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#15

Acrylonitrile

Concen: 0.479 ug/l

RT: 3.069 min Scan# 31

Delta R.T. 0.013 min

Lab File: VX040792.D

Acq: 26 Mar 2024 09:59

Instrument :

MSVOA_X

ClientSampleId :

VX0326MBL01

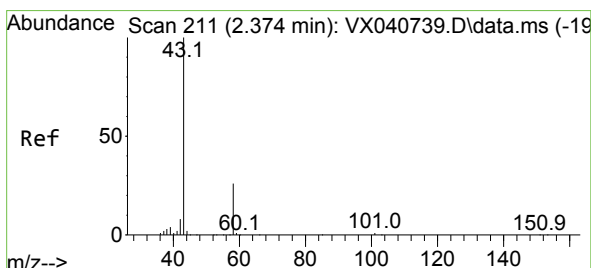
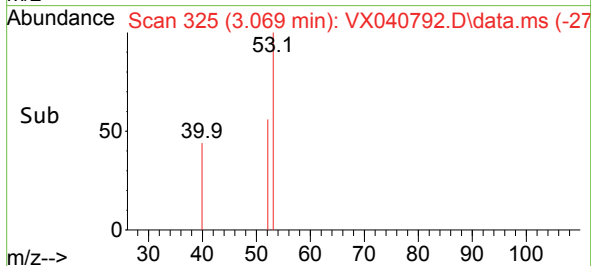
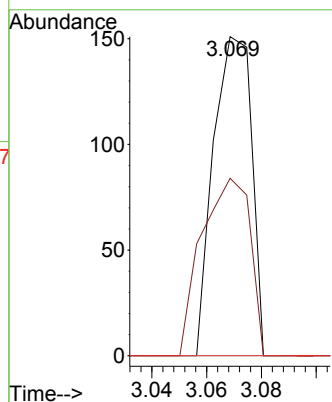
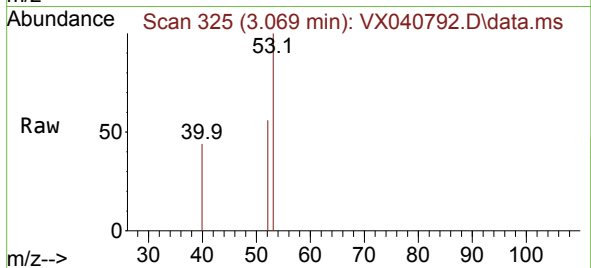
Tgt Ion: 53 Resp: 146

Ion Ratio Lower Upper

53 100

52 70.5 66.0 99.0

51 0.0 29.8 44.6#



#16

Acetone

Concen: 0.579 ug/l

RT: 2.374 min Scan# 211

Delta R.T. -0.000 min

Lab File: VX040792.D

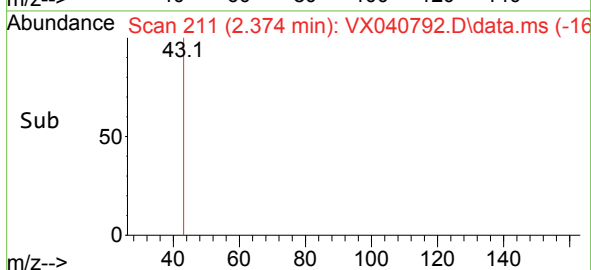
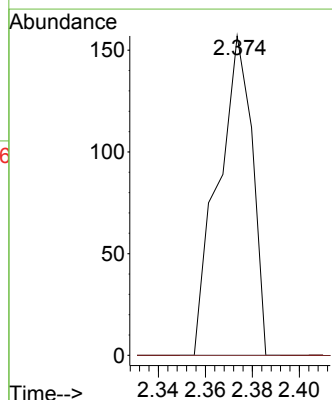
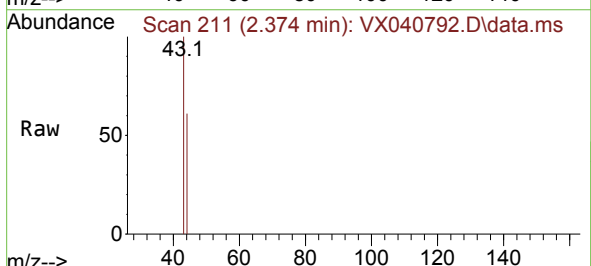
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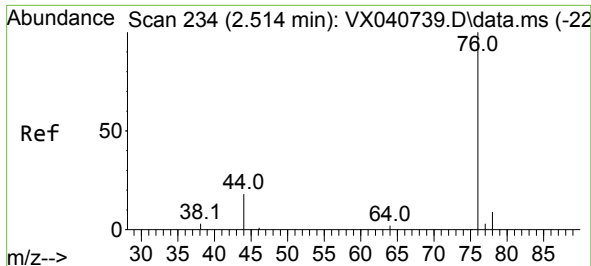
Tgt Ion: 43 Resp: 158

Ion Ratio Lower Upper

43 100

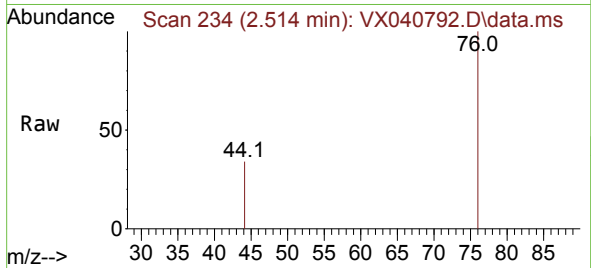
58 0.0 21.9 32.9#



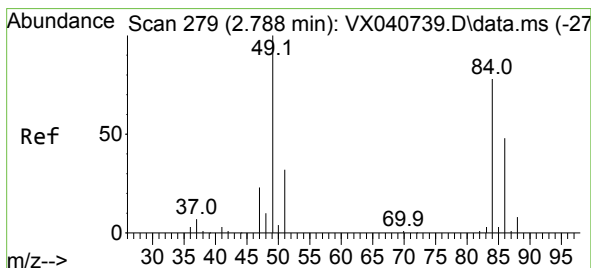
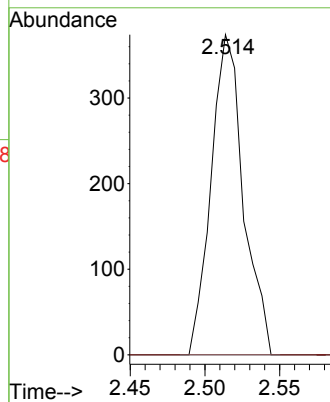
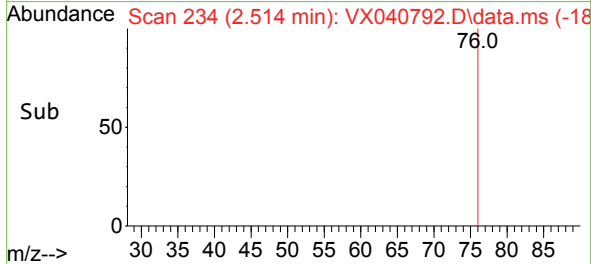


#17
Carbon Disulfide
Concen: 0.362 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX040792.D
Acq: 26 Mar 2024 09:59

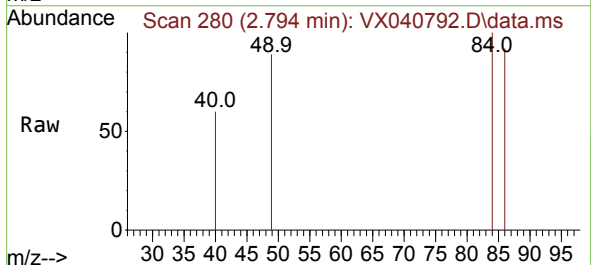
Instrument :
MSVOA_X
ClientSampleId :
VX0326MBL01



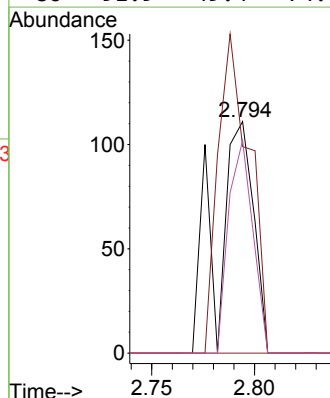
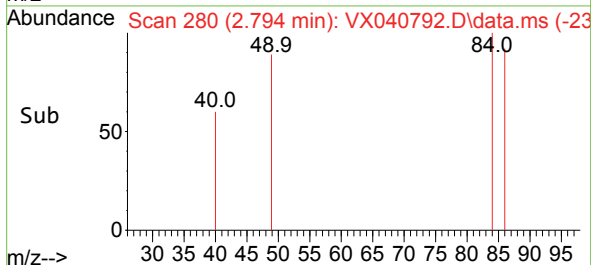
Tgt Ion: 76 Resp: 562
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#

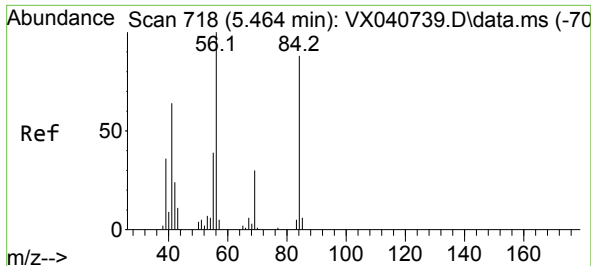


#20
Methylene Chloride
Concen: 0.230 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX040792.D
Acq: 26 Mar 2024 09:59



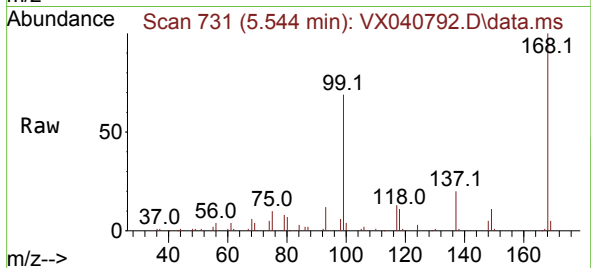
Tgt Ion: 84 Resp: 137
Ion Ratio Lower Upper
84 100
49 89.2 103.6 155.4#
51 0.0 33.8 50.6#
86 91.9 49.4 74.0#



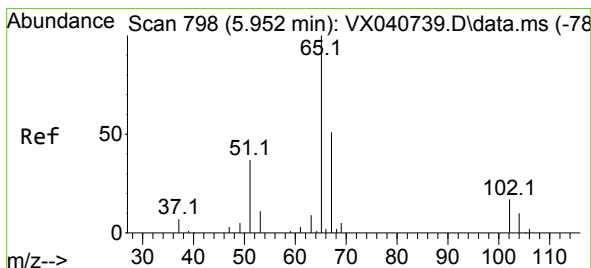
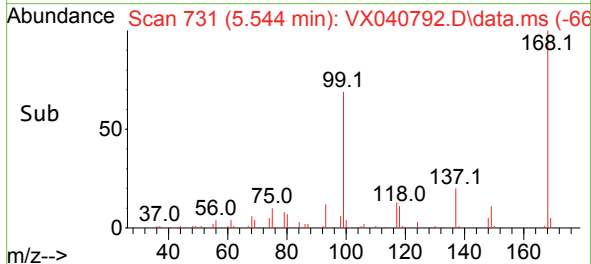
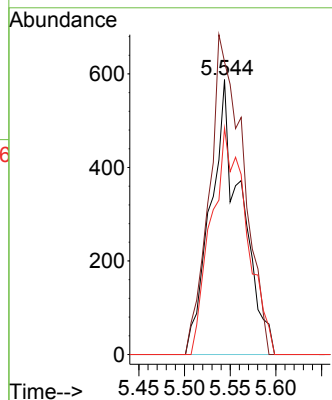


#31
Cyclohexane
Concen: 1.503 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.080 min
Lab File: VX040792.D
Acq: 26 Mar 2024 09:59

Instrument :
MSVOA_X
ClientSampleId :
VX0326MBL01

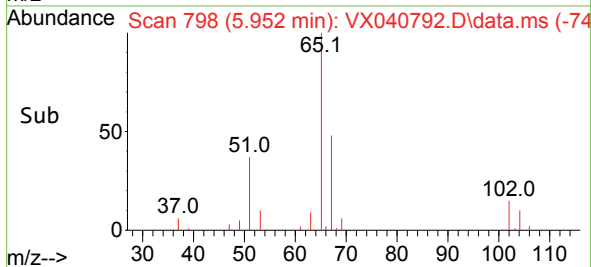
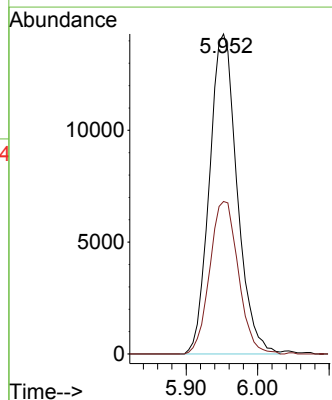
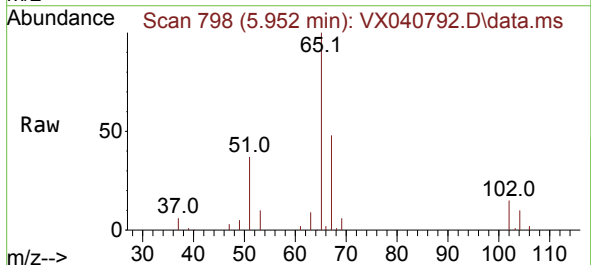


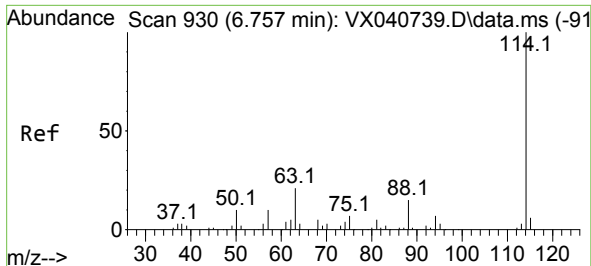
Tgt Ion: 56 Resp: 1376
Ion Ratio Lower Upper
56 100
69 106.5 23.4 35.2#
84 82.3 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 49.965 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX040792.D
Acq: 26 Mar 2024 09:59

Tgt Ion: 65 Resp: 38490
Ion Ratio Lower Upper
65 100
67 49.1 0.0 100.2

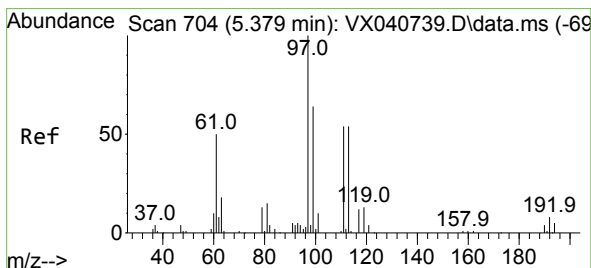
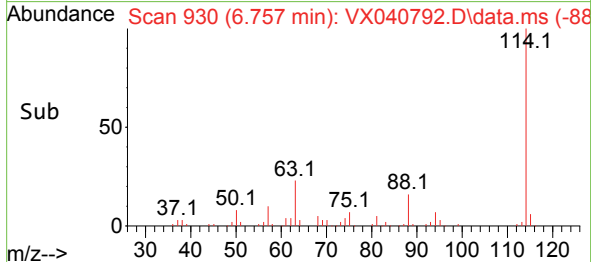
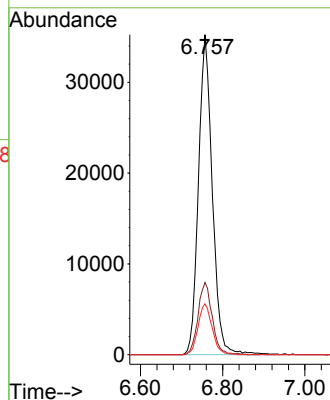
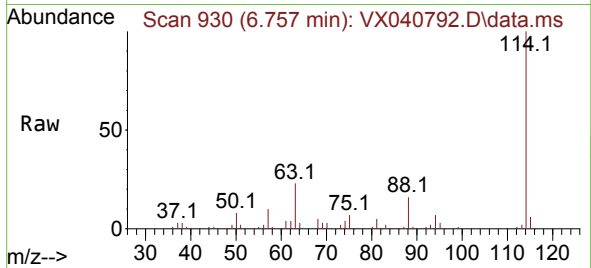




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX040792.D
Acq: 26 Mar 2024 09:59

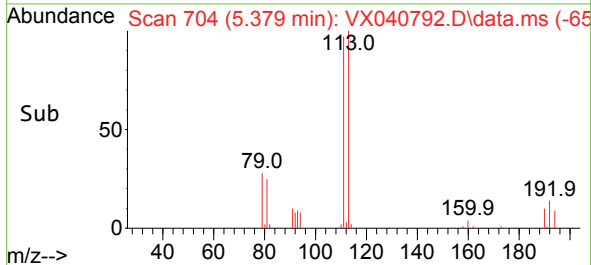
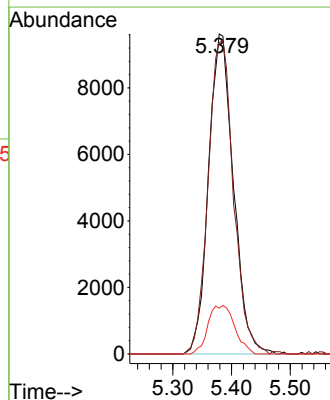
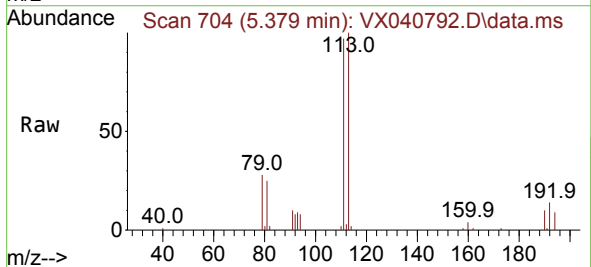
Instrument :
MSVOA_X
ClientSampleId :
VX0326MBL01

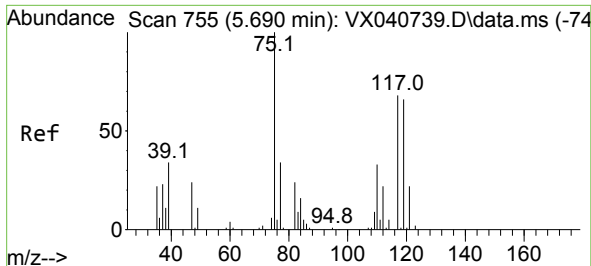
Tgt Ion:114 Resp: 82397
Ion Ratio Lower Upper
114 100
63 22.6 0.0 45.0
88 15.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.982 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX040792.D
Acq: 26 Mar 2024 09:59

Tgt Ion:113 Resp: 28350
Ion Ratio Lower Upper
113 100
111 99.3 82.9 124.3
192 16.2 13.3 19.9

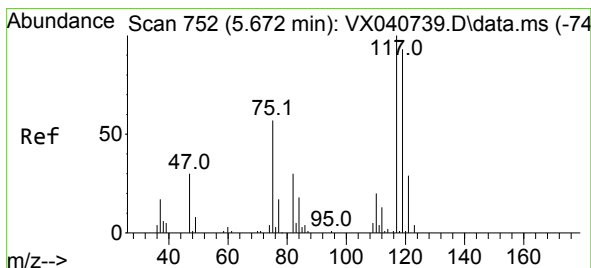
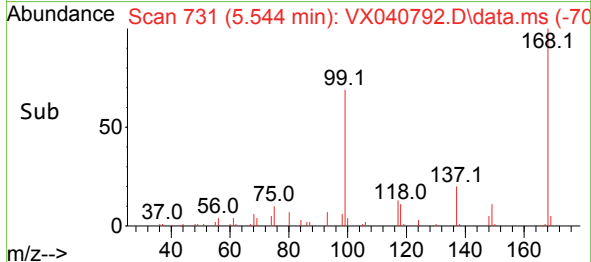
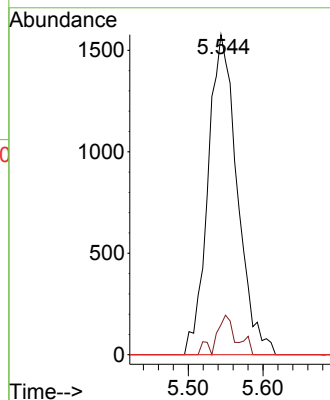
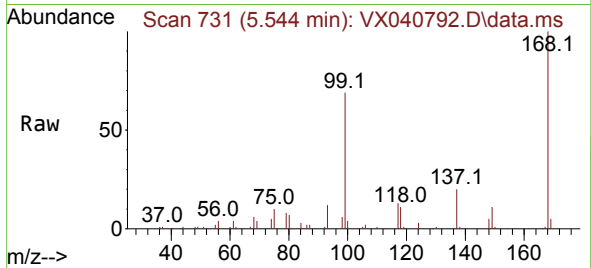




#36
1,1-Dichloropropene
Concen: 4.737 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX040792.D
Acq: 26 Mar 2024 09:59

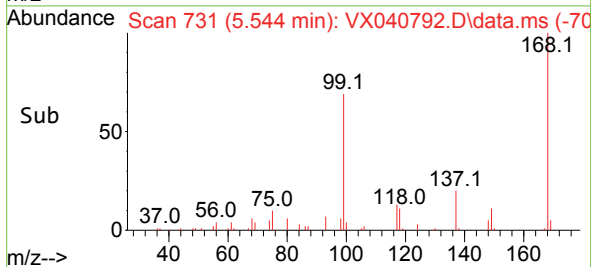
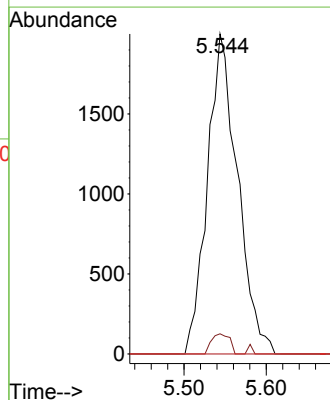
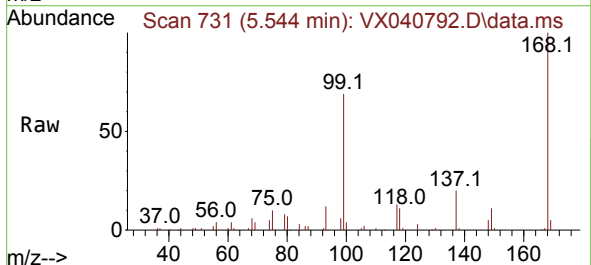
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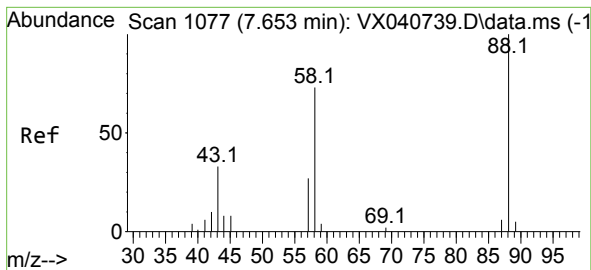
Tgt Ion: 75 Resp: 4300
Ion Ratio Lower Upper
75 100
110 8.7 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.003 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX040792.D
Acq: 26 Mar 2024 09:59

Tgt Ion: 117 Resp: 5112
Ion Ratio Lower Upper
117 100
119 6.3 78.2 117.2#
121 0.0 24.4 36.6#





#49

1,4-Dioxane

Concen: 1.682 ug/l

RT: 7.671 min Scan# 1080

Delta R.T. 0.018 min

Lab File: VX040792.D

Acq: 26 Mar 2024 09:59

Instrument :

MSVOA_X

ClientSampleId :

VX0326MBL01

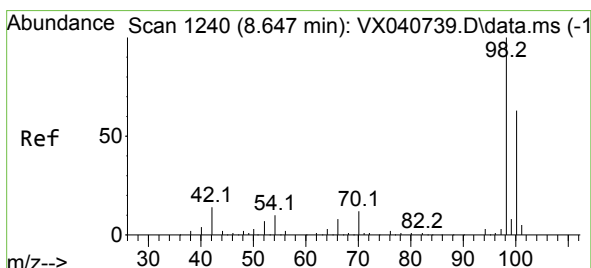
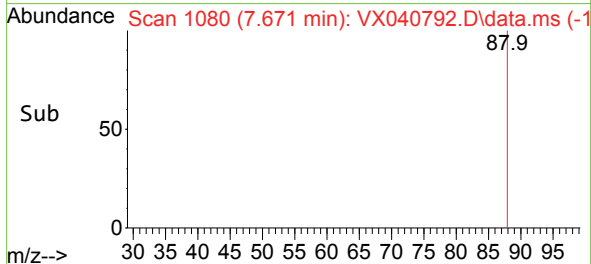
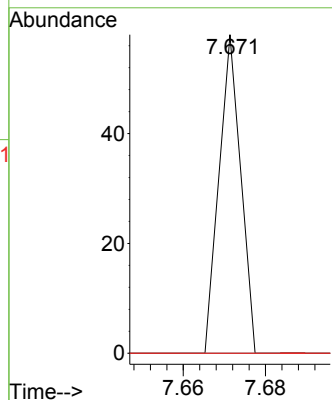
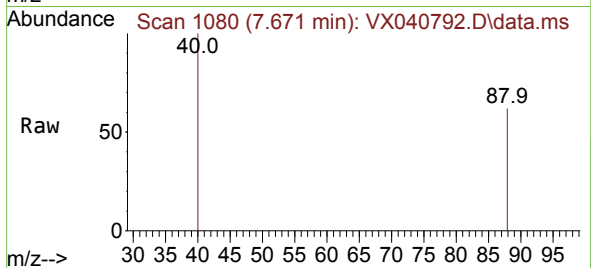
Tgt Ion: 88 Resp: 21

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 0.0 60.1 90.1#



#50

Toluene-d8

Concen: 48.841 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX040792.D

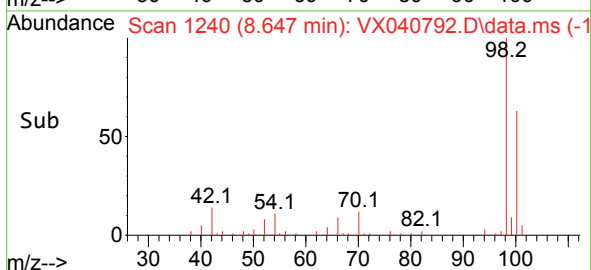
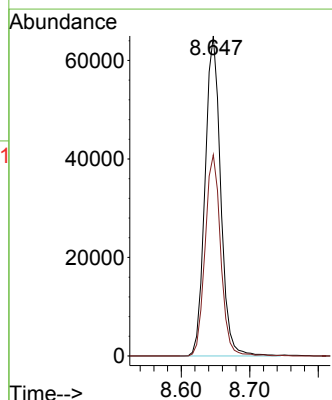
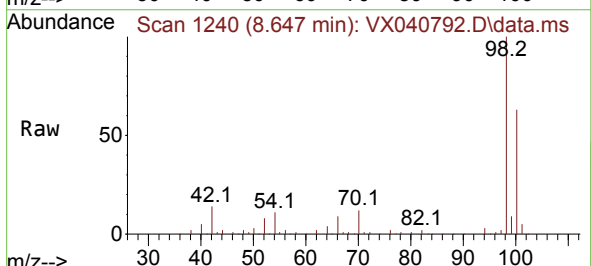
Acq: 26 Mar 2024 09:59

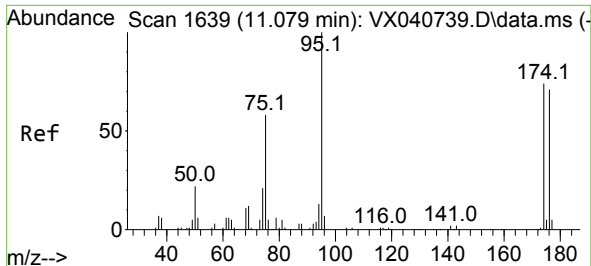
Tgt Ion: 98 Resp: 103108

Ion Ratio Lower Upper

98 100

100 62.7 53.1 79.7

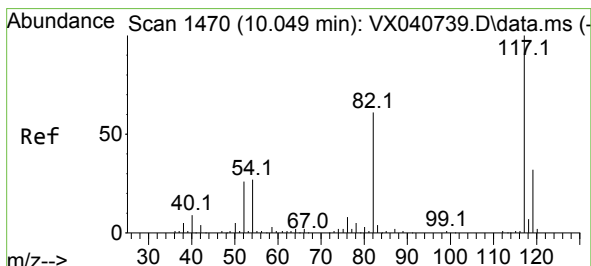
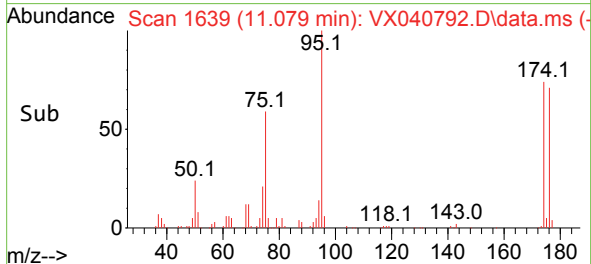
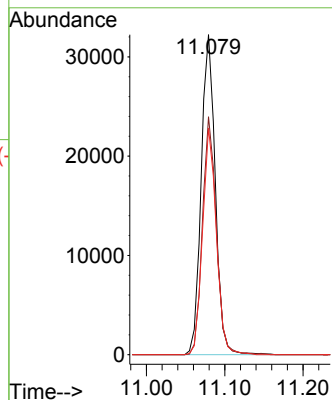
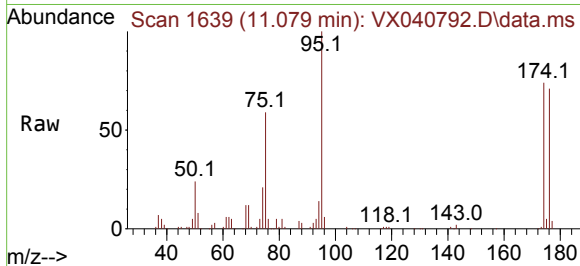




#62
4-Bromofluorobenzene
Concen: 48.270 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX040792.D
Acq: 26 Mar 2024 09:59

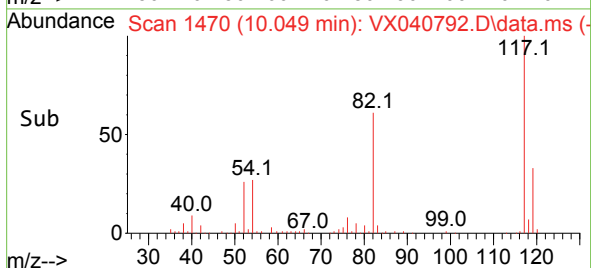
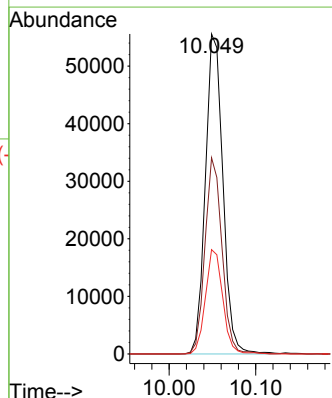
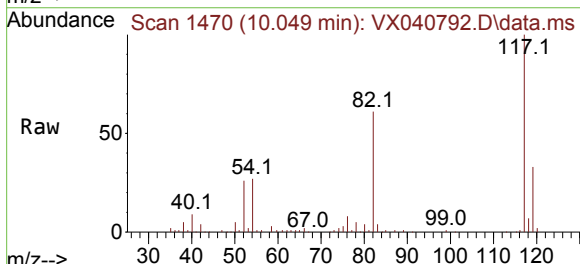
Instrument :
MSVOA_X
ClientSampleId :
VX0326MBL01

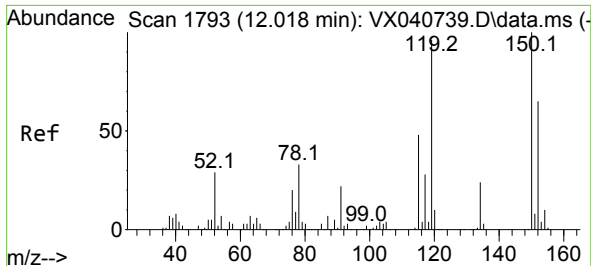
Tgt Ion: 95 Resp: 40260
Ion Ratio Lower Upper
95 100
174 73.3 0.0 135.6
176 69.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX040792.D
Acq: 26 Mar 2024 09:59

Tgt Ion: 117 Resp: 78228
Ion Ratio Lower Upper
117 100
82 61.3 46.2 69.4
119 32.6 25.5 38.3

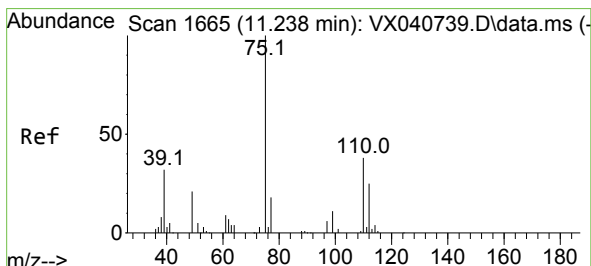
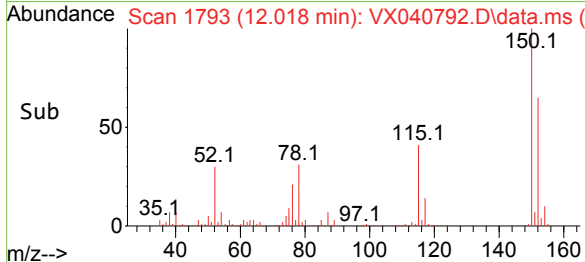
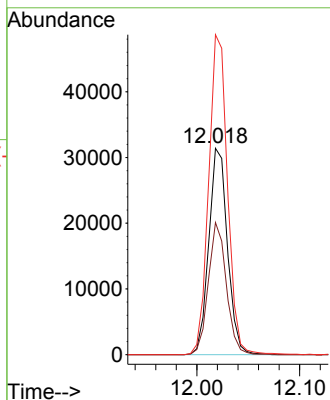
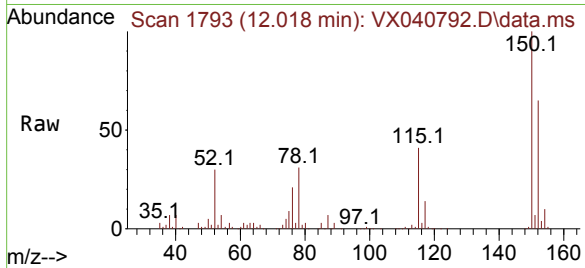




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX040792.D
 Acq: 26 Mar 2024 09:59

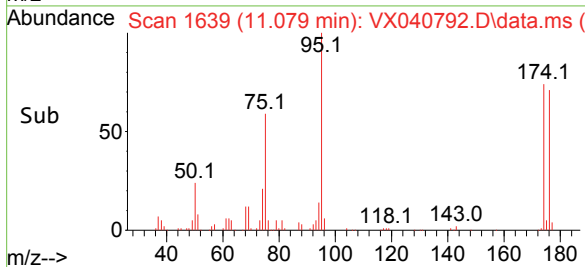
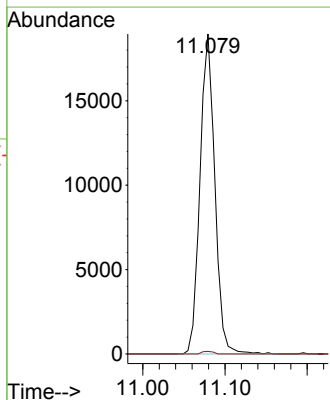
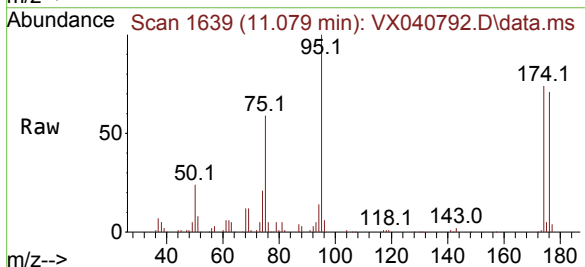
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0326MBL01

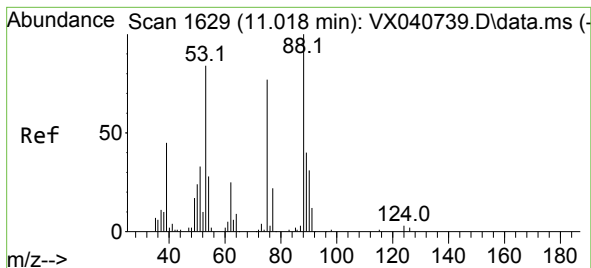
Tgt Ion:152 Resp: 39698
 Ion Ratio Lower Upper
 152 100
 115 61.8 43.3 129.9
 150 156.0 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 27.807 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX040792.D
 Acq: 26 Mar 2024 09:59

Tgt Ion: 75 Resp: 23742
 Ion Ratio Lower Upper
 75 100
 77 0.6 19.1 57.5#

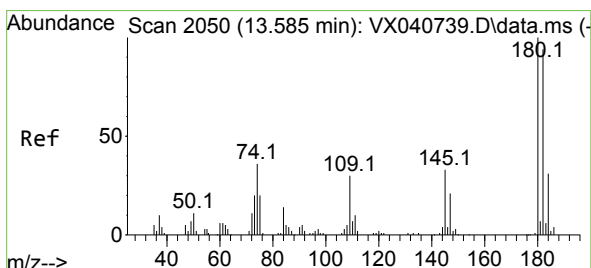
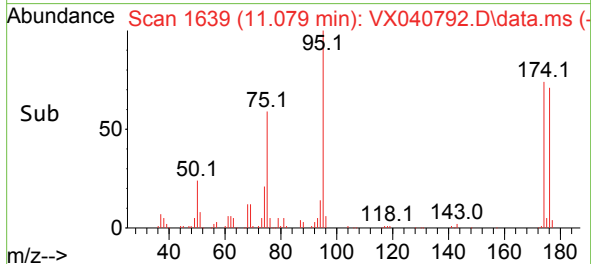
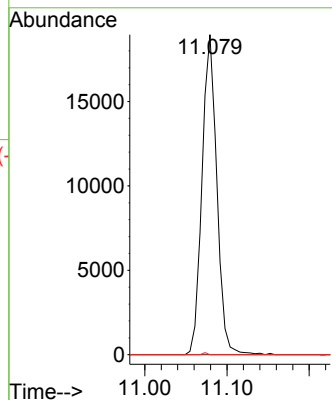
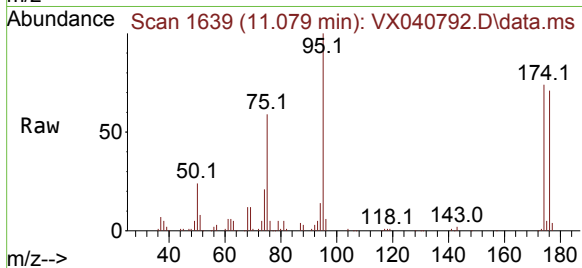




#81
trans-1,4-Dichloro-2-butene
Concen: 70.347 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX040792.D
Acq: 26 Mar 2024 09:59

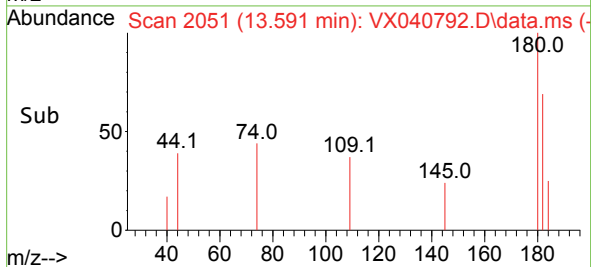
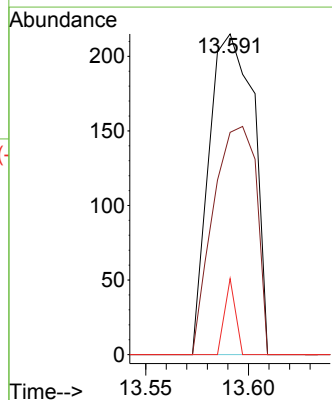
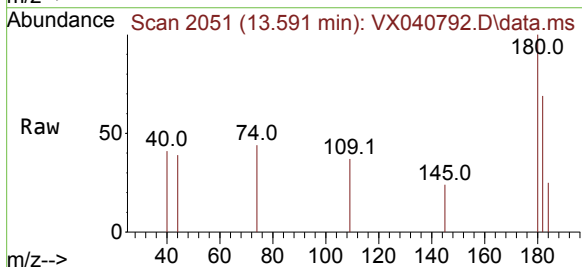
Instrument :
MSVOA_X
ClientSampleId :
VX0326MBL01

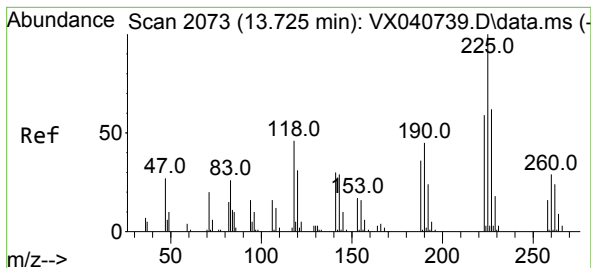
Tgt Ion: 75 Resp: 23742
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.2 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.332 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX040792.D
Acq: 26 Mar 2024 09:59

Tgt Ion: 180 Resp: 323
Ion Ratio Lower Upper
180 100
182 69.3 48.3 144.8
145 5.9 18.0 54.0#





#94

Hexachlorobutadiene

Concen: 1.122 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX040792.D

Acq: 26 Mar 2024 09:59

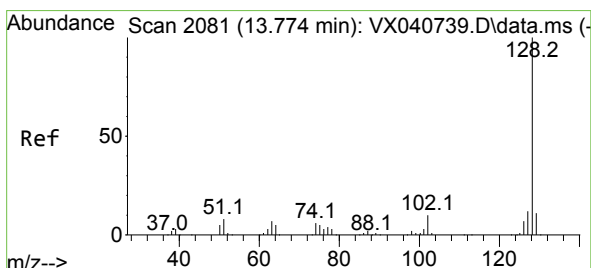
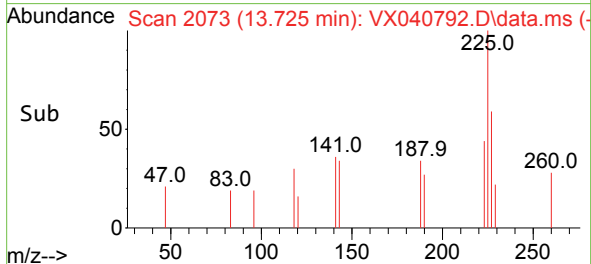
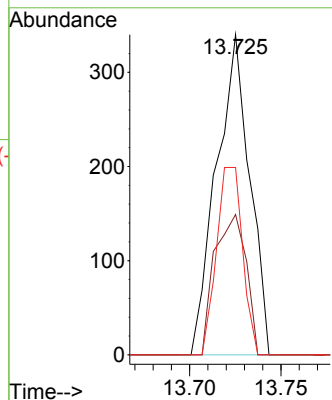
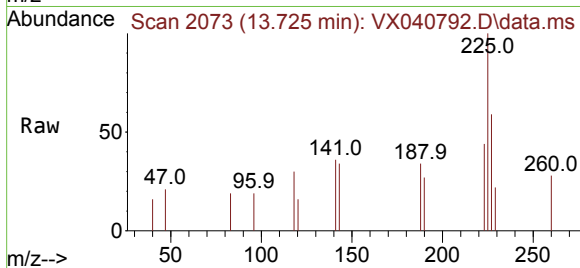
Instrument :

MSVOA_X

ClientSampleId :

VX0326MBL01

Tgt Ion:225	Resp:	430
Ion	Ratio	Lower Upper
225	100	
223	41.4	31.1 93.2
227	45.8	32.5 97.5



#95

Naphthalene

Concen: 0.287 ug/l

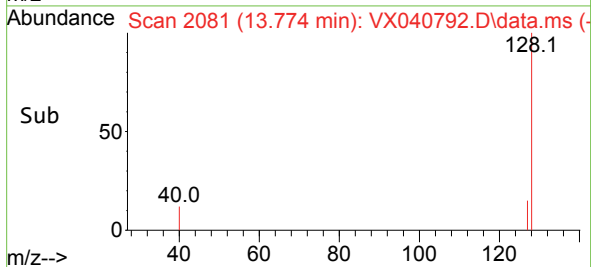
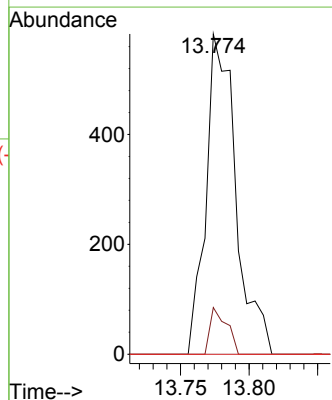
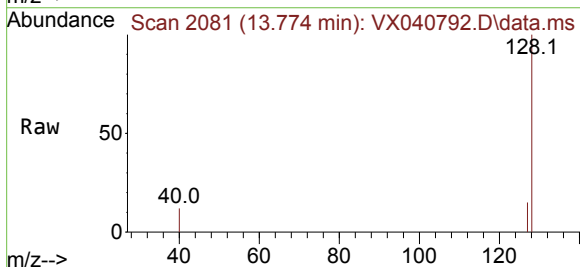
RT: 13.774 min Scan# 2081

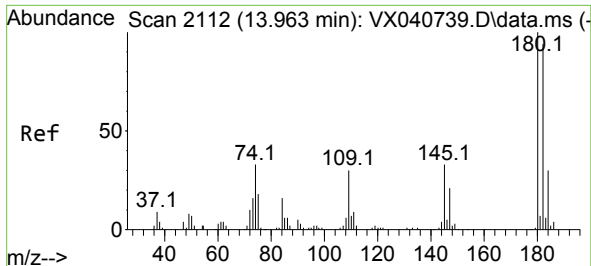
Delta R.T. -0.000 min

Lab File: VX040792.D

Acq: 26 Mar 2024 09:59

Tgt Ion:128	Resp:	883
Ion	Ratio	Lower Upper
128	100	
127	8.2	10.3 15.5#
129	0.0	8.8 13.2#





#96

1,2,3-Trichlorobenzene

Concen: 0.260 ug/l

RT: 13.969 min Scan# 2113

Delta R.T. 0.006 min

Lab File: VX040792.D

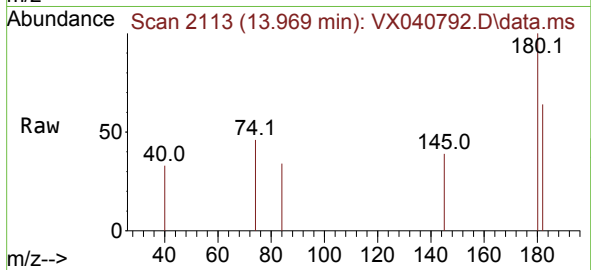
Acq: 26 Mar 2024 09:59

Instrument :

MSVOA_X

ClientSampleId :

VX0326MBL01



Tgt Ion:180 Resp: 248

Ion Ratio Lower Upper

180 100

182 85.1 46.9 140.6

145 8.5 17.8 53.5#

