

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012624\
 Data File : VX039975.D
 Acq On : 26 Jan 2024 12:07
 Operator : JC/MD
 Sample : P1263-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB01-012524

Quant Time: Jan 29 00:39:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

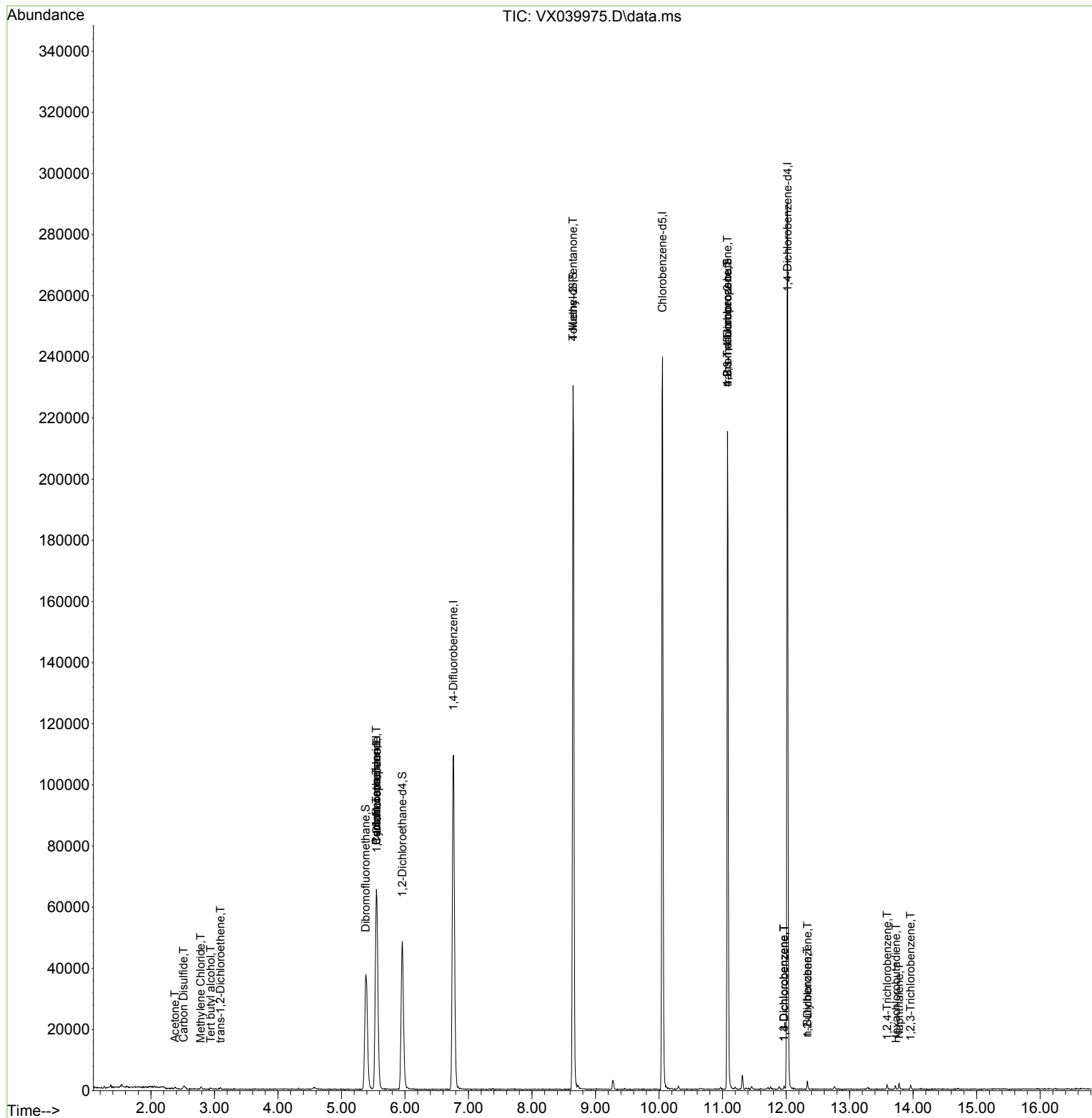
Internal Standards						
1) Pentafluorobenzene	5.550	168	57208	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	108840	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	105700	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	56785	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	46956	48.998	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.000%
35) Dibromofluoromethane	5.379	113	32885	44.858	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.720%
50) Toluene-d8	8.647	98	136953	49.533	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.060%
62) 4-Bromofluorobenzene	11.079	95	56989	52.709	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.420%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	75	0.301	ug/l #	78
13) Acrolein	2.239	56	25	Below Cal	#	14
16) Acetone	2.379	43	694	1.288	ug/l #	58
17) Carbon Disulfide	2.514	76	966	0.488	ug/l #	76
20) Methylene Chloride	2.782	84	306	0.375	ug/l #	71
21) trans-1,2-Dichloroethene	3.093	96	188	0.259	ug/l #	86
31) Cyclohexane	5.550	56	1774	1.403	ug/l #	54
36) 1,1-Dichloropropene	5.556	75	5369	4.705	ug/l #	51
38) Carbon Tetrachloride	5.550	117	6643	6.356	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	720	0.468	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	30210	20.520	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	30210	60.004	ug/l #	5
87) 1,3-Dichlorobenzene	11.969	146	418	0.217	ug/l	84
88) 1,4-Dichlorobenzene	11.969	146	418	0.210	ug/l	83
89) n-Butylbenzene	12.335	91	924	0.252	ug/l	89
91) 1,2-Dichlorobenzene	12.341	146	435	0.228	ug/l #	68
93) 1,2,4-Trichlorobenzene	13.591	180	537	0.461	ug/l #	88
94) Hexachlorobutadiene	13.731	225	262	0.541	ug/l	88
95) Naphthalene	13.780	128	1476	0.344	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	424	0.360	ug/l	88

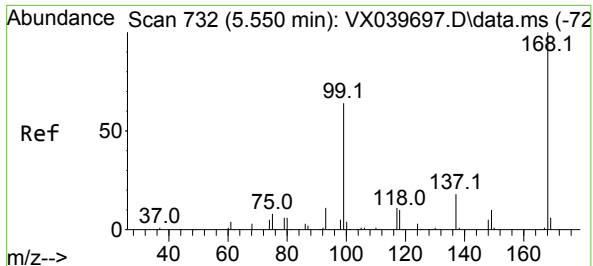
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
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Quant Time: Jan 29 00:39:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration





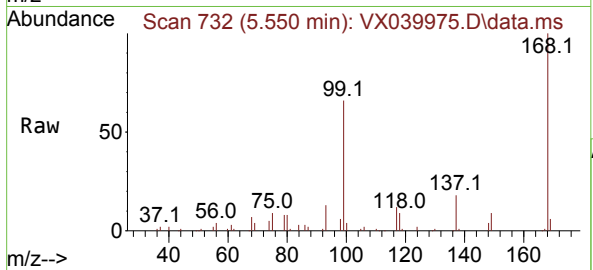
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039975.D
Acq: 26 Jan 2024 12:07

Instrument :

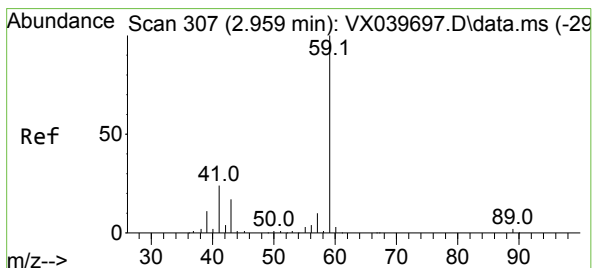
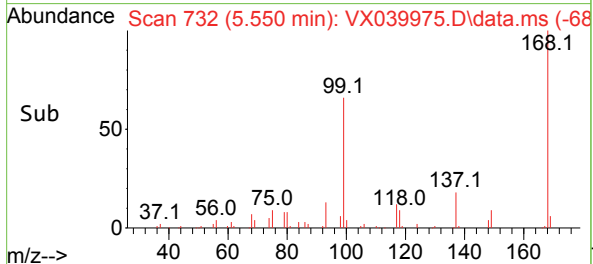
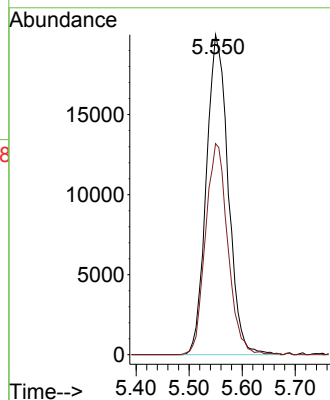
MSVOA_X

ClientSampleId :

TB01-012524

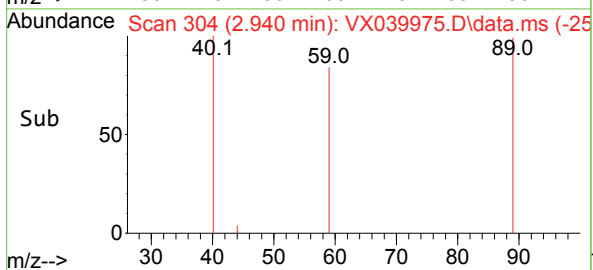
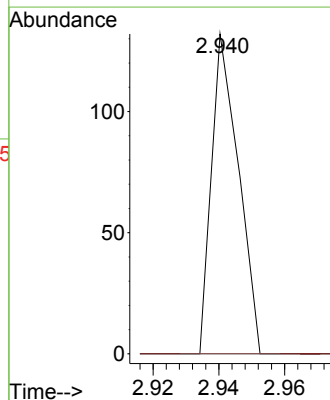
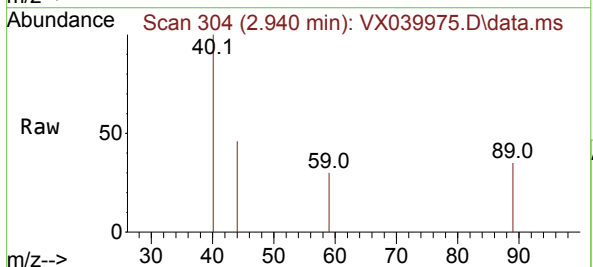


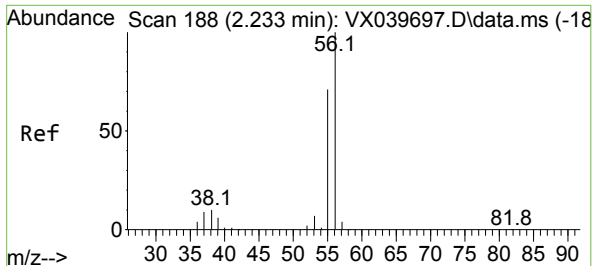
Tgt Ion:168 Resp: 57208
Ion Ratio Lower Upper
168 100
99 66.0 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.301 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.018 min
Lab File: VX039975.D
Acq: 26 Jan 2024 12:07

Tgt Ion: 59 Resp: 75
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

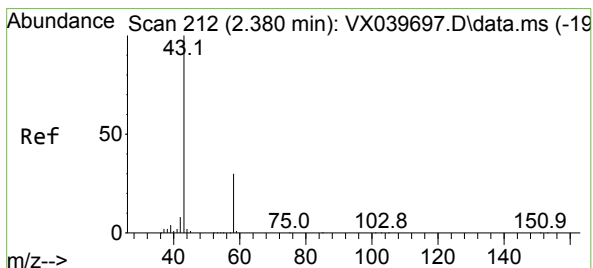
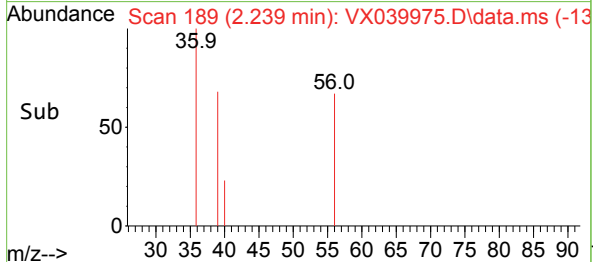
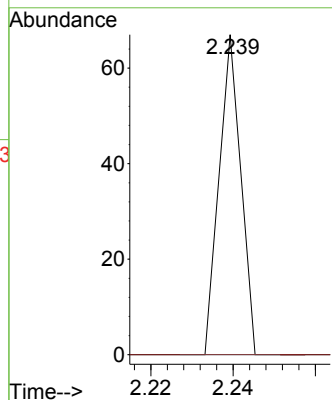
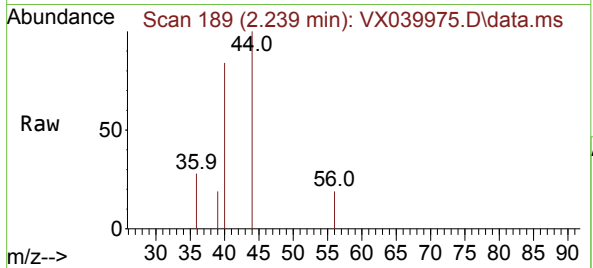




#13
Acrolein
Concen: Below Cal
RT: 2.239 min Scan# 188
Delta R.T. 0.006 min
Lab File: VX039975.D
Acq: 26 Jan 2024 12:07

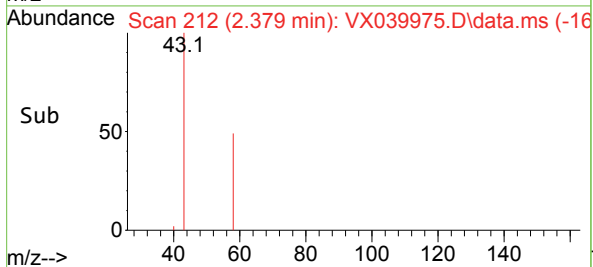
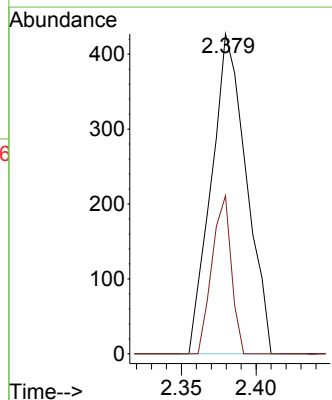
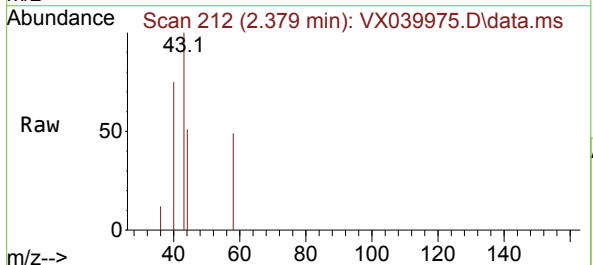
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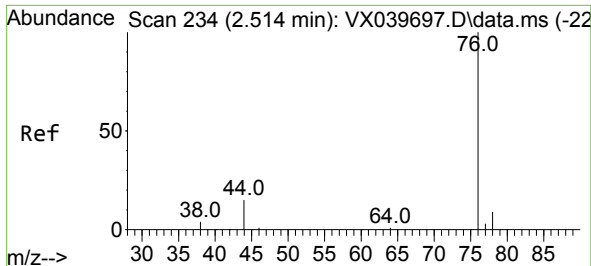
Tgt Ion: 56 Resp: 25
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#



#16
Acetone
Concen: 1.288 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX039975.D
Acq: 26 Jan 2024 12:07

Tgt Ion: 43 Resp: 694
Ion Ratio Lower Upper
43 100
58 49.4 21.9 32.9#

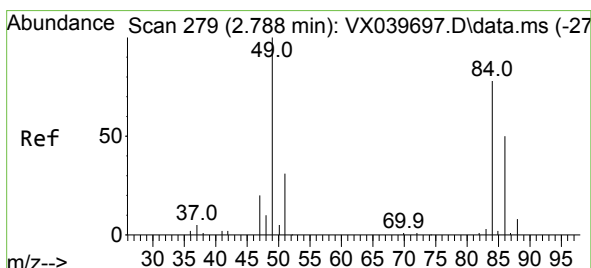
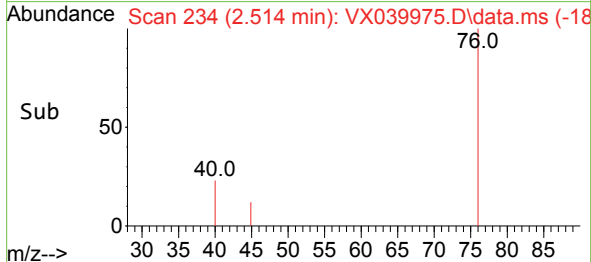
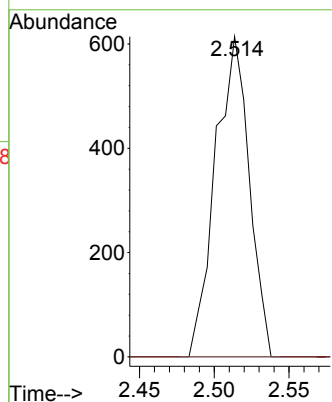
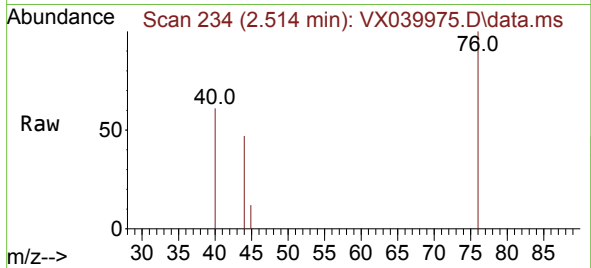




#17
Carbon Disulfide
Concen: 0.488 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX039975.D
Acq: 26 Jan 2024 12:07

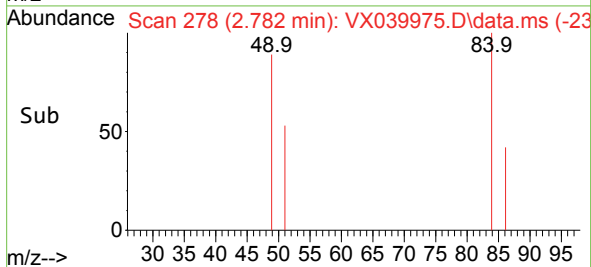
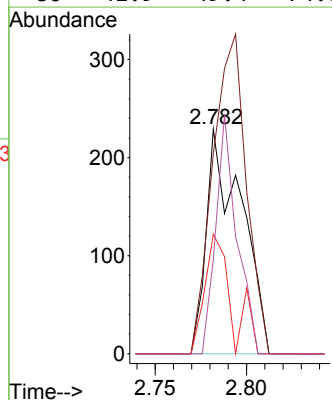
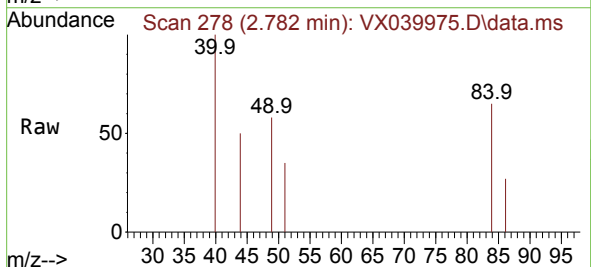
Instrument :
MSVOA_X
ClientSampleId :
TB01-012524

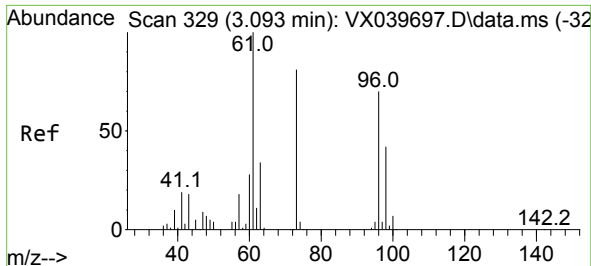
Tgt Ion: 76 Resp: 966
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



#20
Methylene Chloride
Concen: 0.375 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX039975.D
Acq: 26 Jan 2024 12:07

Tgt Ion: 84 Resp: 306
Ion Ratio Lower Upper
84 100
49 89.1 103.6 155.4#
51 53.3 33.8 50.6#
86 41.9 49.4 74.0#

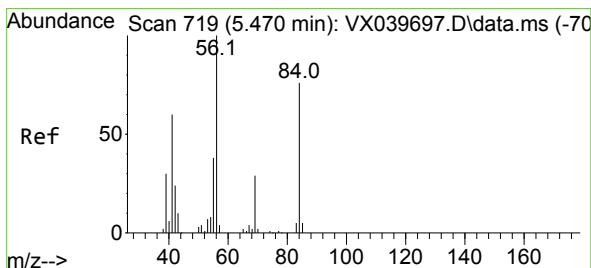
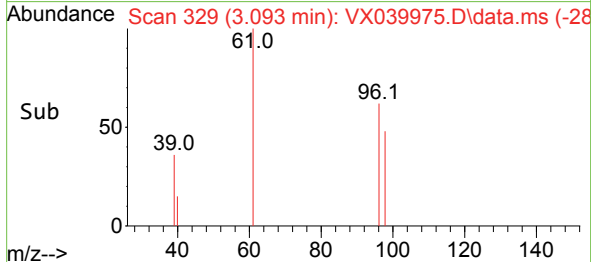
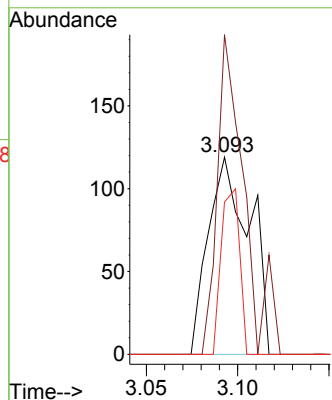
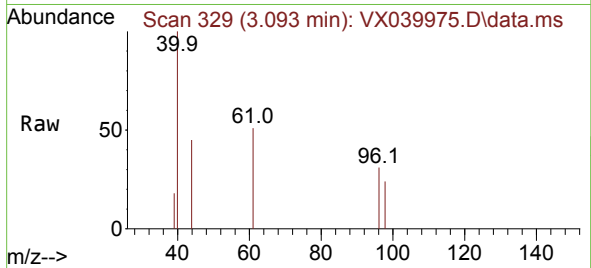




#21
trans-1,2-Dichloroethene
Concen: 0.259 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX039975.D
Acq: 26 Jan 2024 12:07

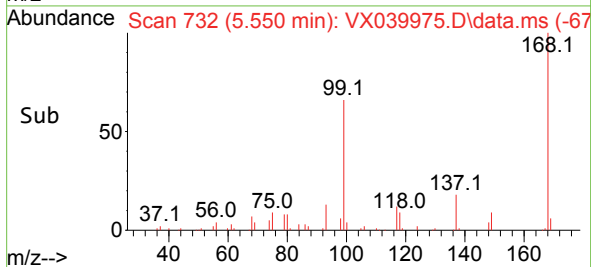
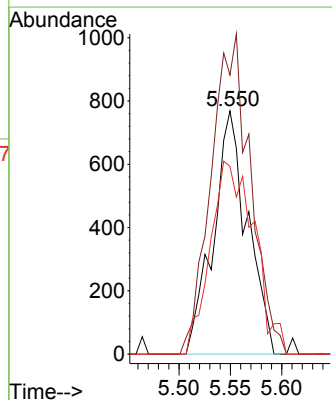
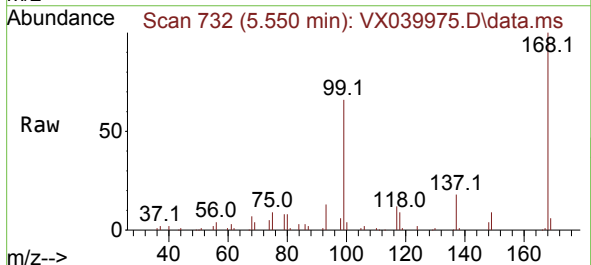
Instrument :
MSVOA_X
ClientSampleId :
TB01-012524

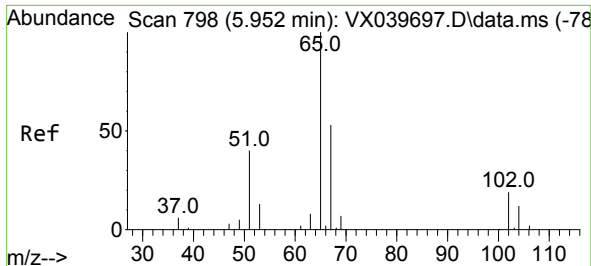
Tgt Ion: 96 Resp: 188
Ion Ratio Lower Upper
96 100
61 162.2 119.2 178.8
98 77.3 48.7 73.1#



#31
Cyclohexane
Concen: 1.403 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX039975.D
Acq: 26 Jan 2024 12:07

Tgt Ion: 56 Resp: 1774
Ion Ratio Lower Upper
56 100
69 114.8 23.4 35.2#
84 77.2 65.9 98.9

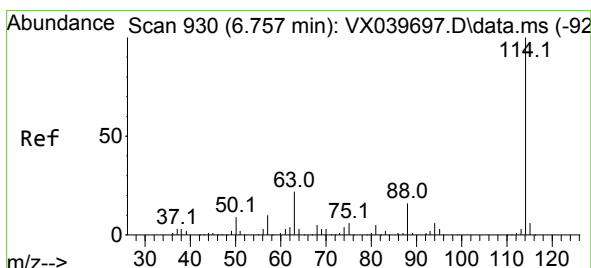
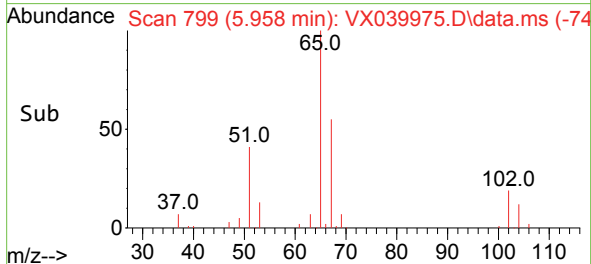
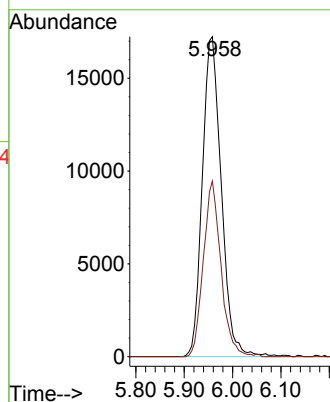
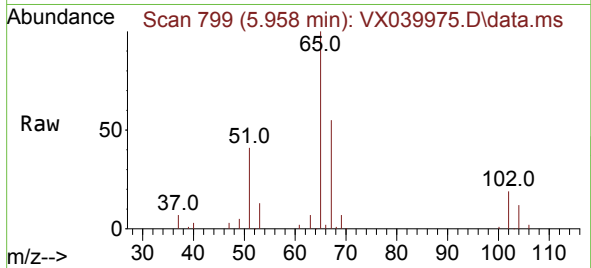




#33
1,2-Dichloroethane-d4
Concen: 48.998 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX039975.D
Acq: 26 Jan 2024 12:07

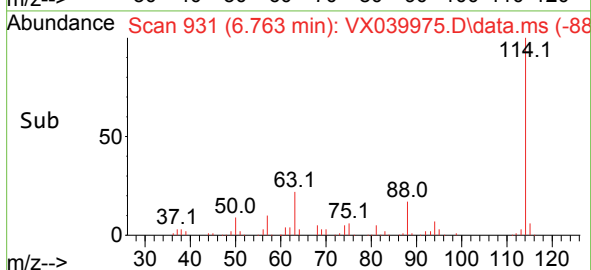
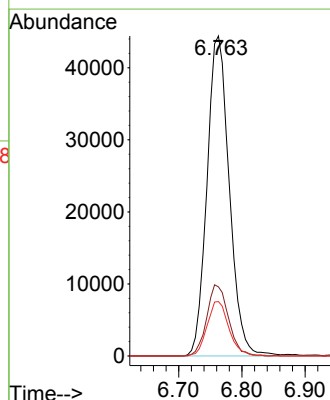
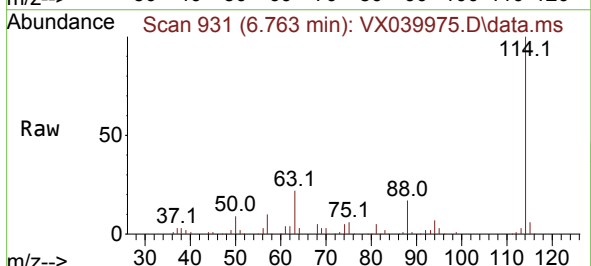
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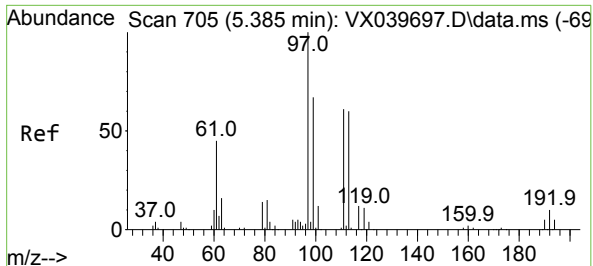
Tgt Ion: 65 Resp: 46956
Ion Ratio Lower Upper
65 100
67 51.2 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX039975.D
Acq: 26 Jan 2024 12:07

Tgt Ion: 114 Resp: 108840
Ion Ratio Lower Upper
114 100
63 21.6 0.0 45.0
88 17.0 0.0 36.6

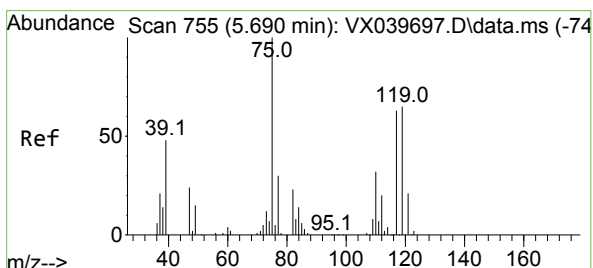
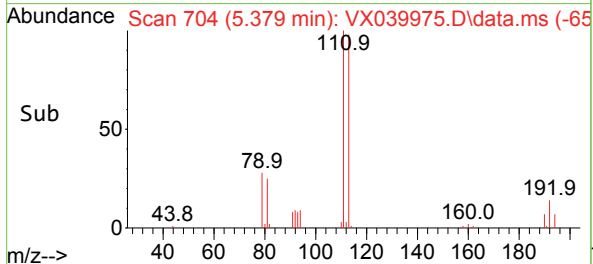
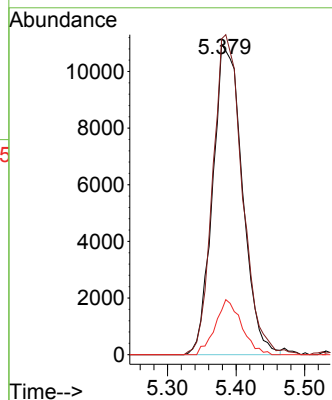
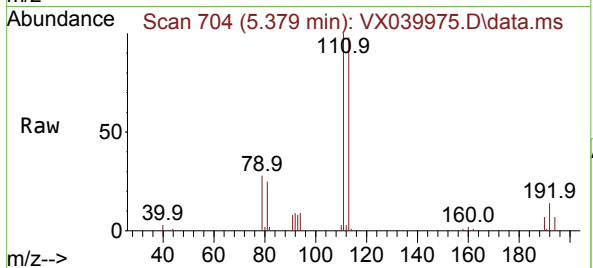




#35
 Dibromofluoromethane
 Concen: 44.858 ug/l
 RT: 5.379 min Scan# 705
 Delta R.T. -0.006 min
 Lab File: VX039975.D
 Acq: 26 Jan 2024 12:07

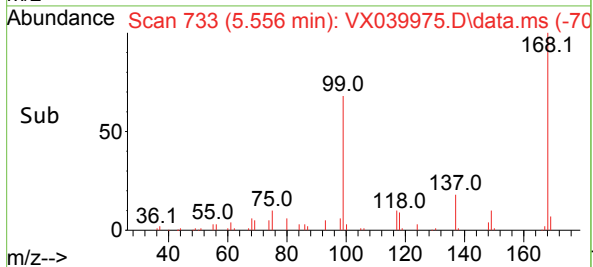
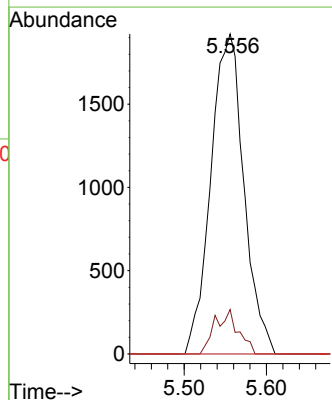
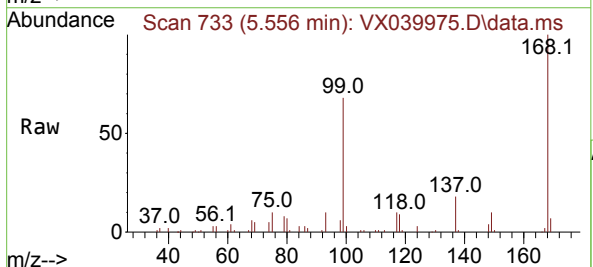
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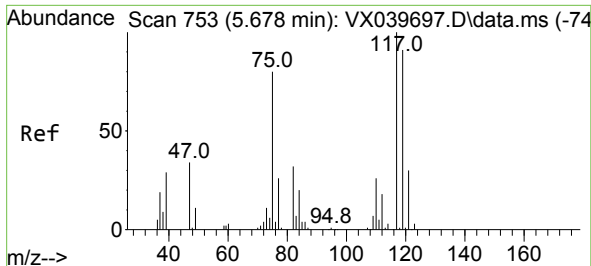
Tgt Ion:113 Resp: 32885
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.9 124.3
 192 15.8 13.3 19.9



#36
 1,1-Dichloropropene
 Concen: 4.705 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. -0.134 min
 Lab File: VX039975.D
 Acq: 26 Jan 2024 12:07

Tgt Ion: 75 Resp: 5369
 Ion Ratio Lower Upper
 75 100
 110 9.7 17.0 50.9#
 77 0.0 24.7 37.1#

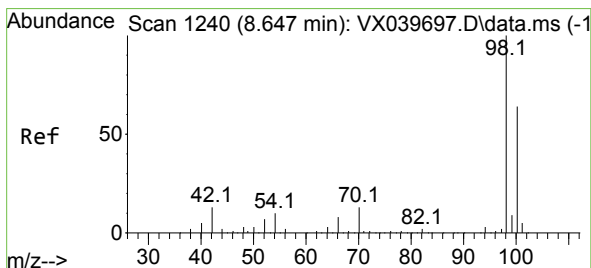
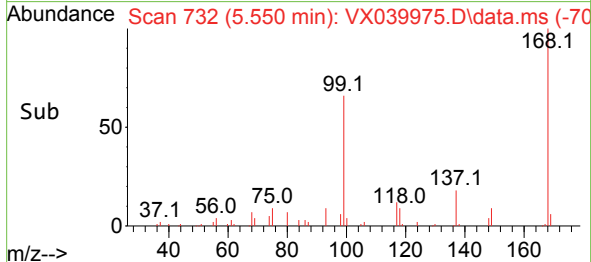
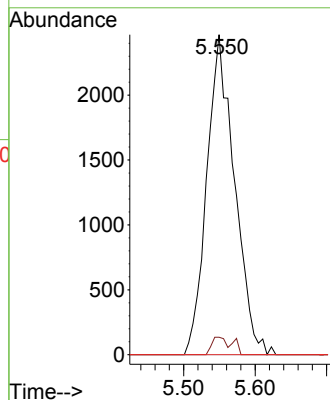
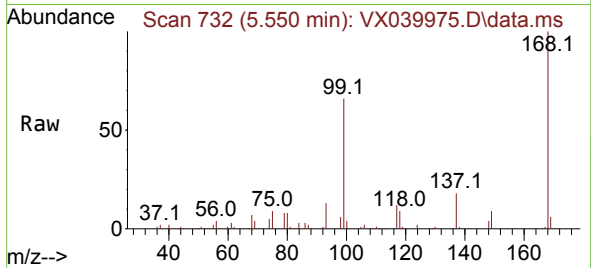




#38
Carbon Tetrachloride
Concen: 6.356 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX039975.D
Acq: 26 Jan 2024 12:07

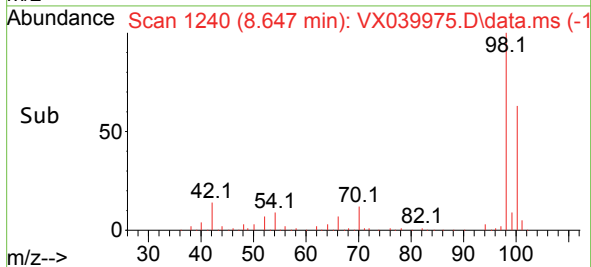
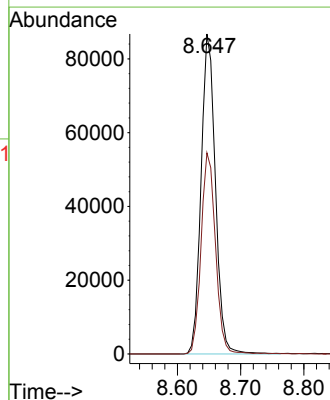
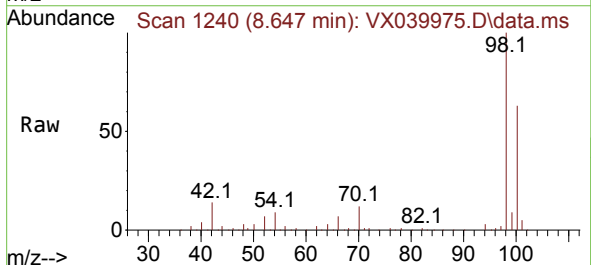
Instrument :
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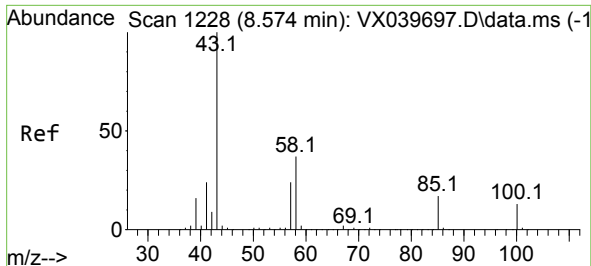
Tgt Ion:117 Resp: 6643
Ion Ratio Lower Upper
117 100
119 5.4 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.533 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX039975.D
Acq: 26 Jan 2024 12:07

Tgt Ion: 98 Resp: 136953
Ion Ratio Lower Upper
98 100
100 63.1 53.1 79.7

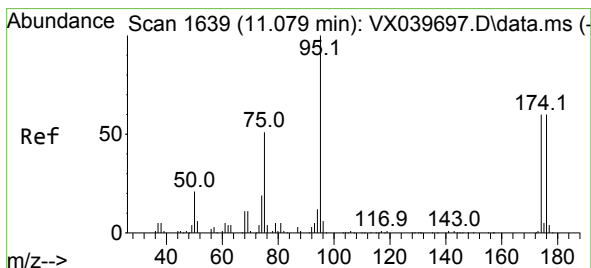
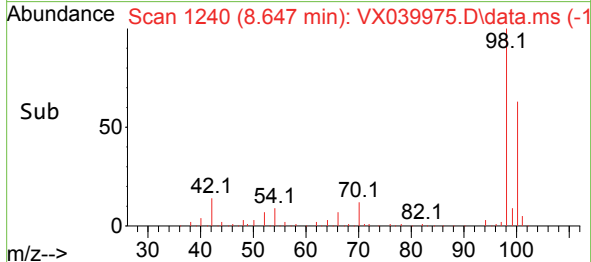
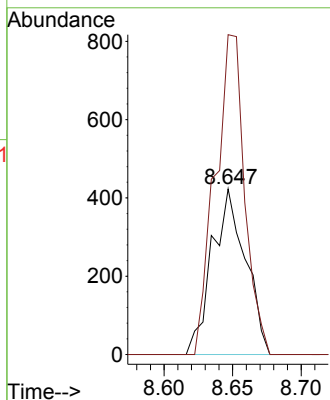
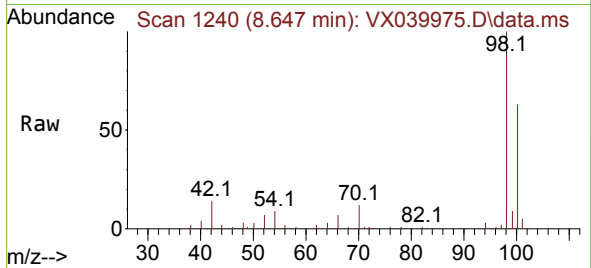




#51
4-Methyl-2-Pentanone
Concen: 0.468 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX039975.D
Acq: 26 Jan 2024 12:07

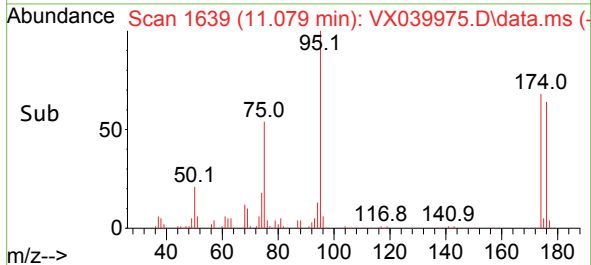
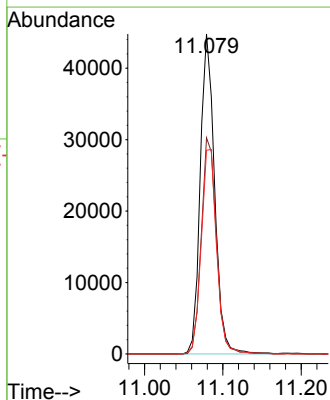
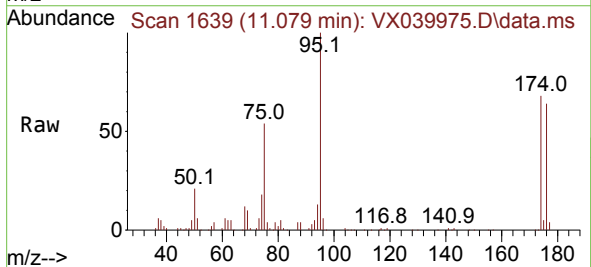
Instrument :
MSVOA_X
ClientSampleId :
TB01-012524

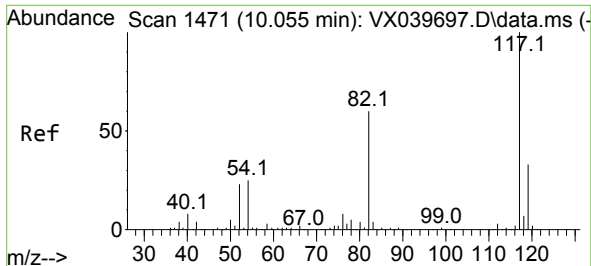
Tgt Ion: 43 Resp: 720
Ion Ratio Lower Upper
43 100
58 170.3 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 52.709 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039975.D
Acq: 26 Jan 2024 12:07

Tgt Ion: 95 Resp: 56989
Ion Ratio Lower Upper
95 100
174 70.9 0.0 135.6
176 68.7 0.0 131.0

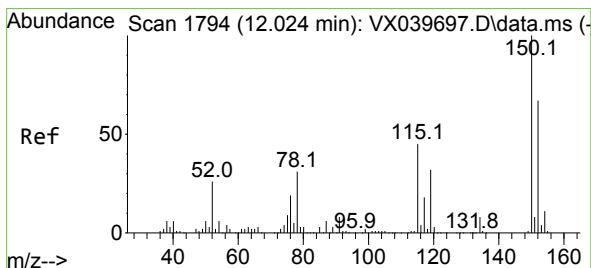
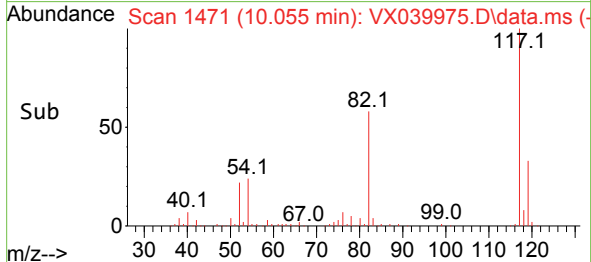
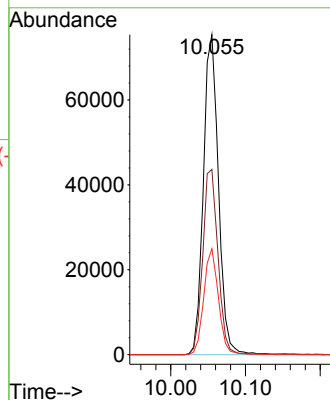
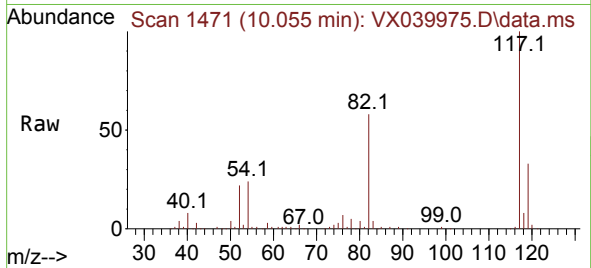




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX039975.D
Acq: 26 Jan 2024 12:07

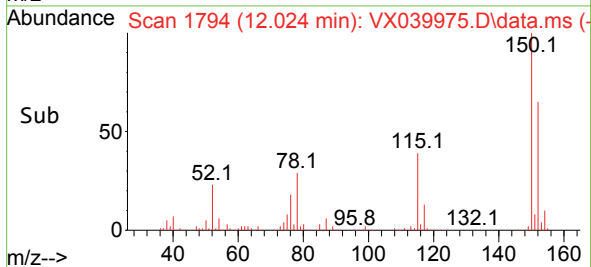
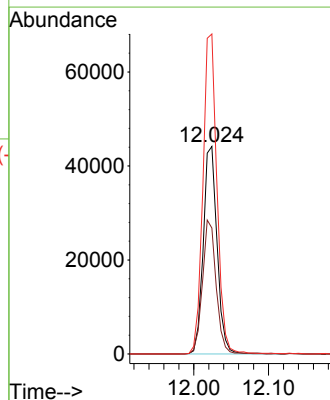
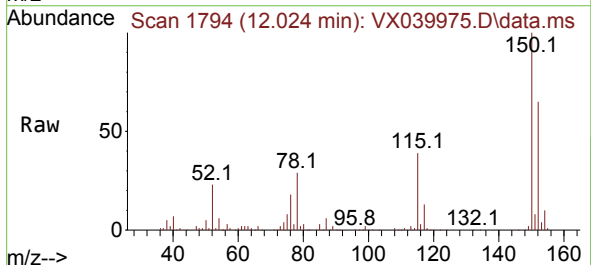
Instrument :
MSVOA_X
ClientSampleId :
TB01-012524

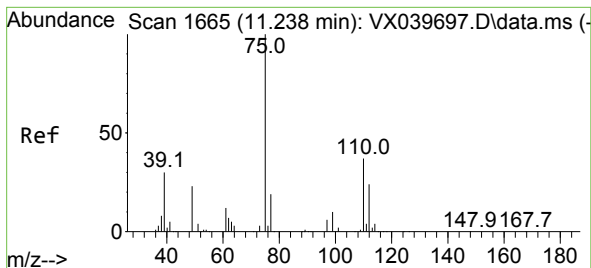
Tgt Ion:117	Resp: 105700
Ion Ratio	Lower Upper
117 100	
82 57.9	46.2 69.4
119 33.1	25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX039975.D
Acq: 26 Jan 2024 12:07

Tgt Ion:152	Resp:	56785	
Ion	Ratio	Lower	Upper
152	100		
115	63.7	43.3	129.9
150	156.7	0.0	345.0





#76

1,2,3-Trichloropropane

Concen: 20.520 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX039975.D

Acq: 26 Jan 2024 12:07

Instrument :

MSVOA_X

ClientSampleId :

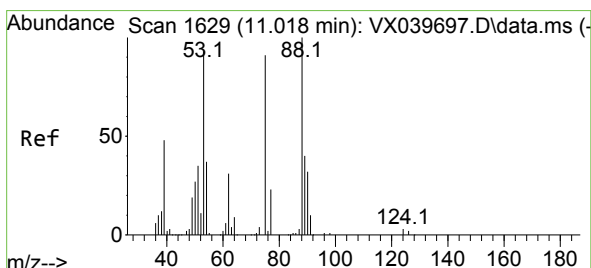
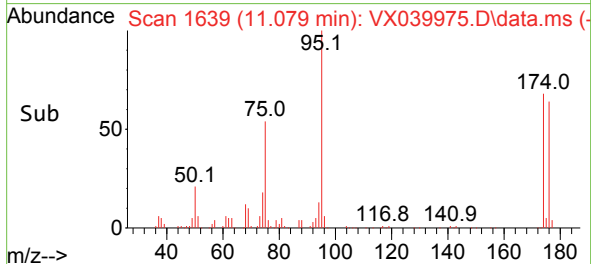
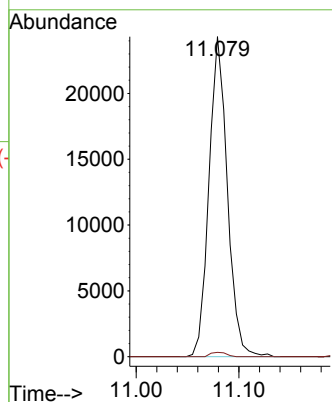
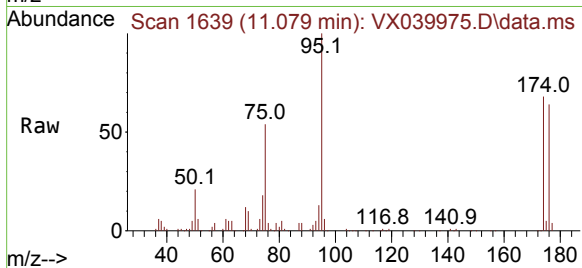
TB01-012524

Tgt Ion: 75 Resp: 30210

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 60.004 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX039975.D

Acq: 26 Jan 2024 12:07

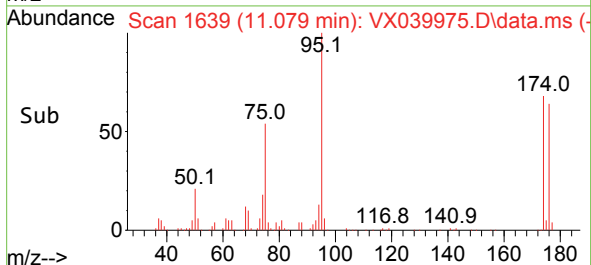
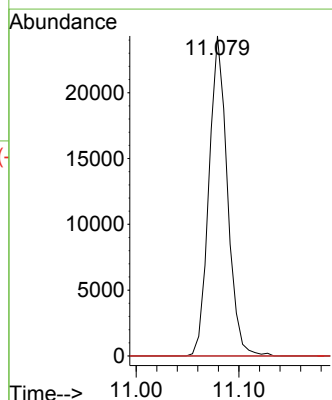
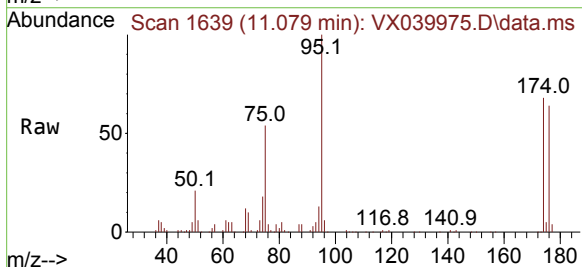
Tgt Ion: 75 Resp: 30210

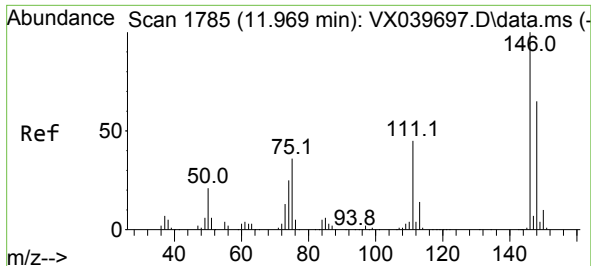
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

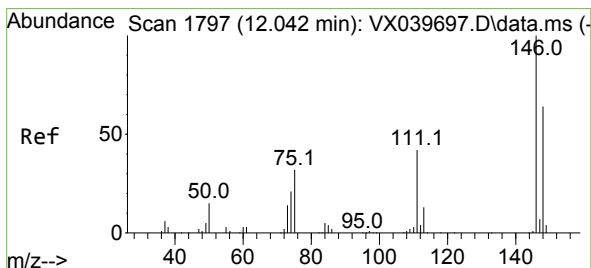
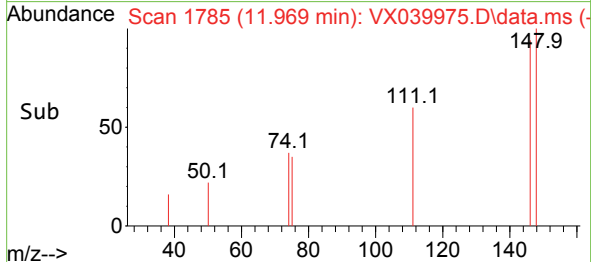
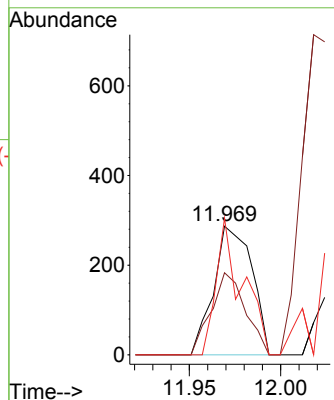
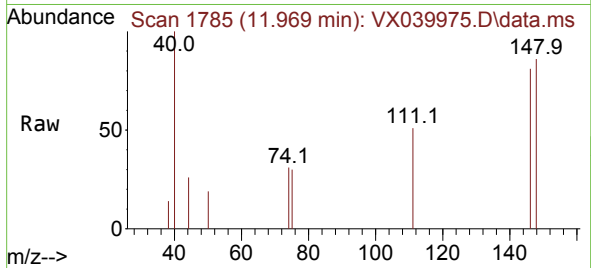




#87
1,3-Dichlorobenzene
Concen: 0.217 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX039975.D
Acq: 26 Jan 2024 12:07

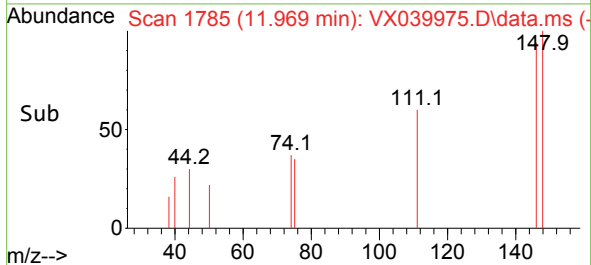
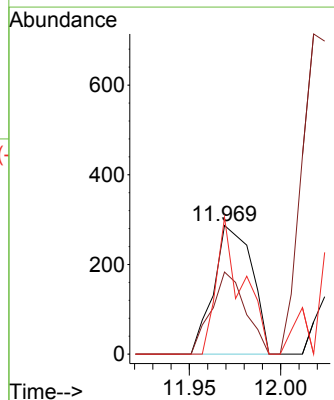
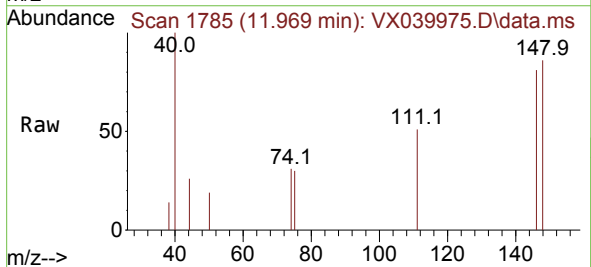
Instrument :
MSVOA_X
ClientSampleId :
TB01-012524

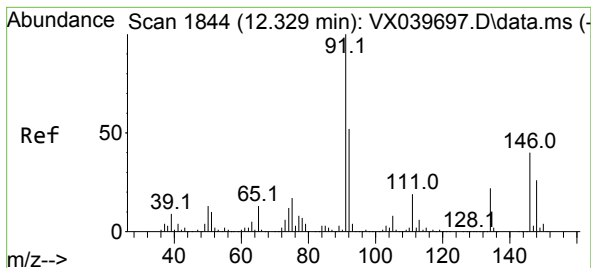
Tgt Ion:146 Resp: 418
Ion Ratio Lower Upper
146 100
111 57.2 22.1 66.1
148 73.2 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 0.210 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.073 min
Lab File: VX039975.D
Acq: 26 Jan 2024 12:07

Tgt Ion:146 Resp: 418
Ion Ratio Lower Upper
146 100
111 57.2 21.3 63.7
148 73.2 31.8 95.4





#89

n-Butylbenzene

Concen: 0.252 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX039975.D

Acq: 26 Jan 2024 12:07

Instrument :

MSVOA_X

ClientSampleId :

TB01-012524

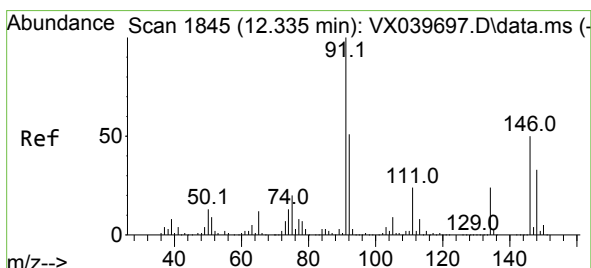
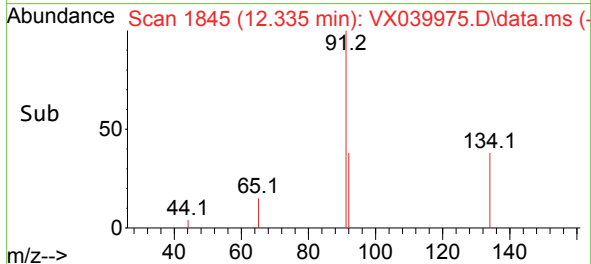
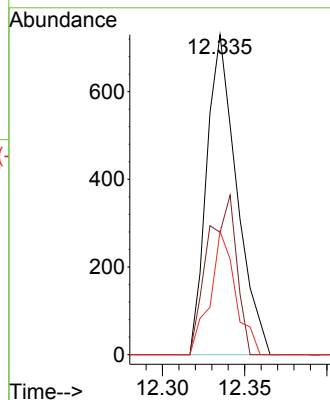
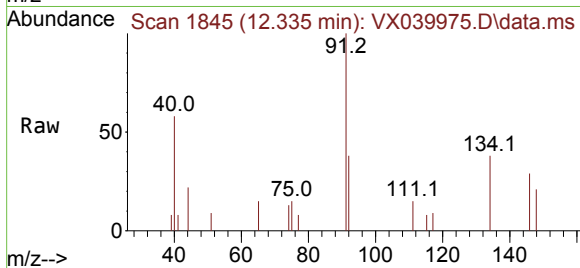
Tgt Ion: 91 Resp: 924

Ion Ratio Lower Upper

91 100

92 47.7 27.4 82.0

134 32.7 12.6 37.8



#91

1,2-Dichlorobenzene

Concen: 0.228 ug/l

RT: 12.341 min Scan# 1846

Delta R.T. 0.006 min

Lab File: VX039975.D

Acq: 26 Jan 2024 12:07

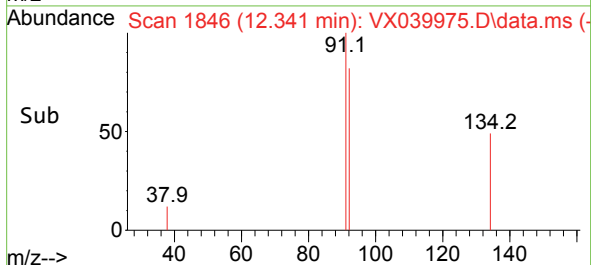
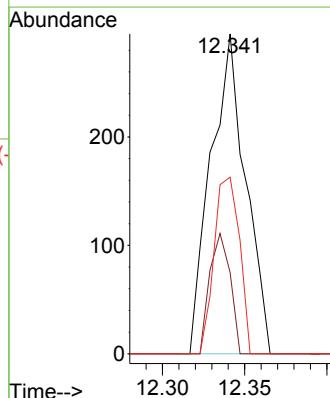
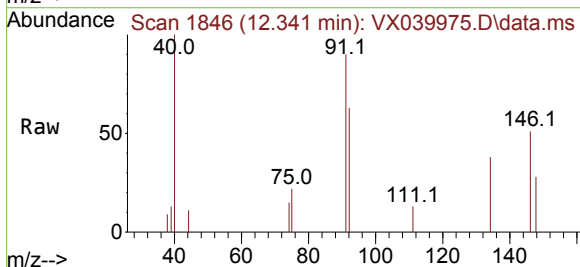
Tgt Ion:146 Resp: 435

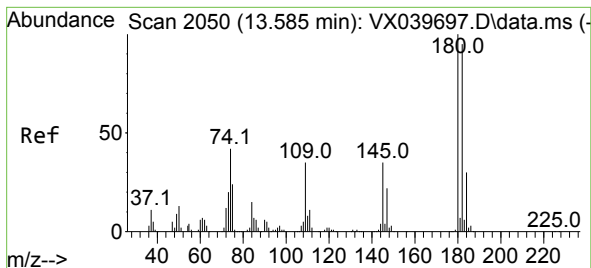
Ion Ratio Lower Upper

146 100

111 22.1 22.4 67.0#

148 40.2 31.6 95.0





#93

1,2,4-Trichlorobenzene

Concen: 0.461 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX039975.D

Acq: 26 Jan 2024 12:07

Instrument :

MSVOA_X

ClientSampleId :

TB01-012524

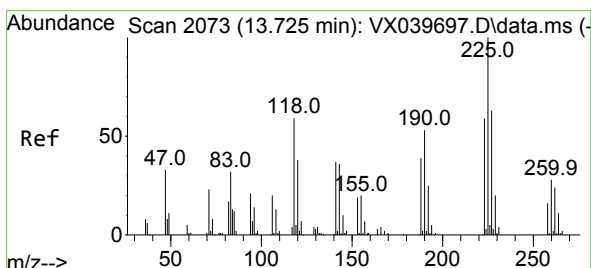
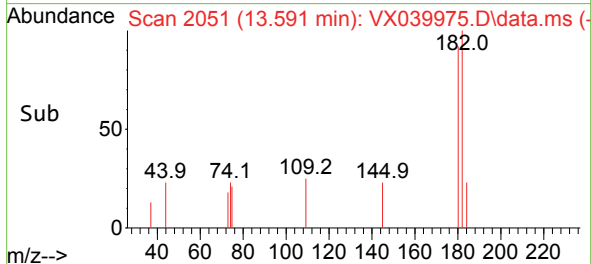
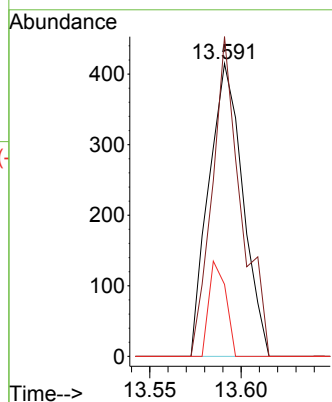
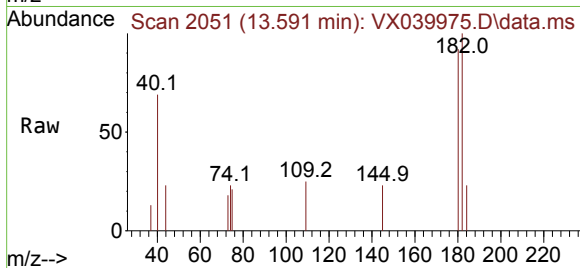
Tgt Ion:180 Resp: 537

Ion Ratio Lower Upper

180 100

182 92.2 48.3 144.8

145 16.2 18.0 54.0#



#94

Hexachlorobutadiene

Concen: 0.541 ug/l

RT: 13.731 min Scan# 2074

Delta R.T. 0.006 min

Lab File: VX039975.D

Acq: 26 Jan 2024 12:07

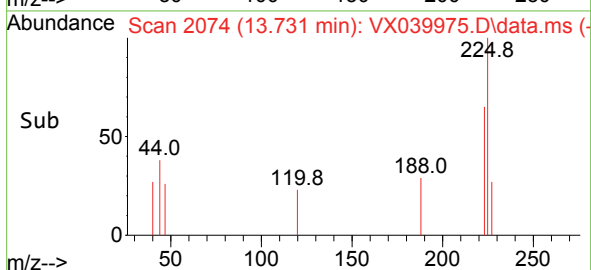
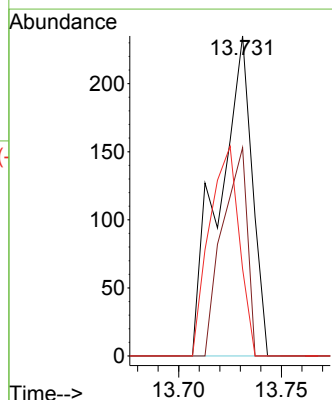
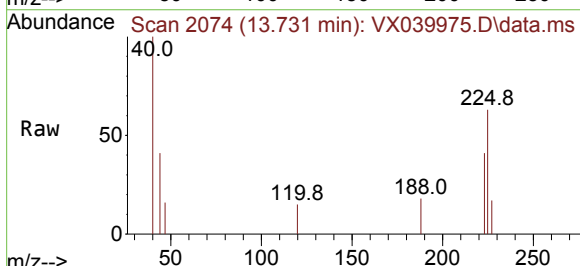
Tgt Ion:225 Resp: 262

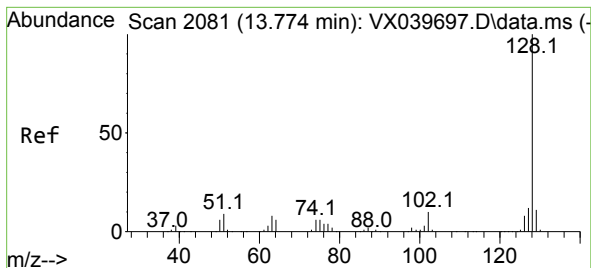
Ion Ratio Lower Upper

225 100

223 49.2 31.1 93.2

227 59.2 32.5 97.5





#95

Naphthalene

Concen: 0.344 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX039975.D

Acq: 26 Jan 2024 12:07

Instrument :

MSVOA_X

ClientSampleId :

TB01-012524

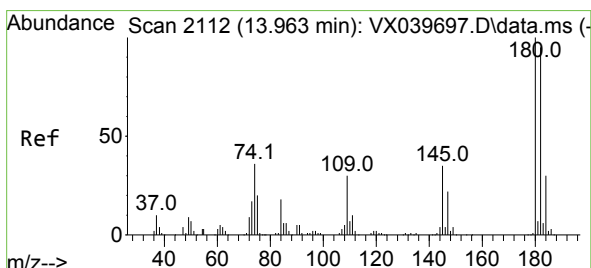
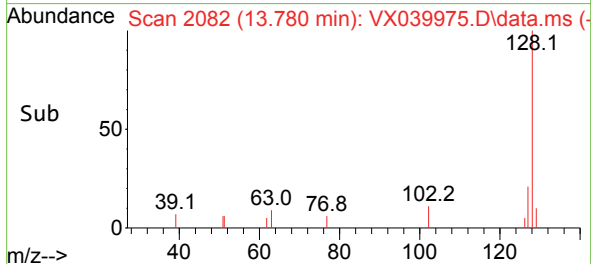
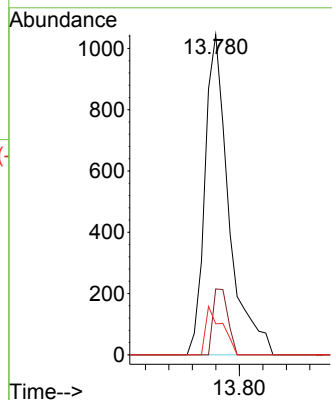
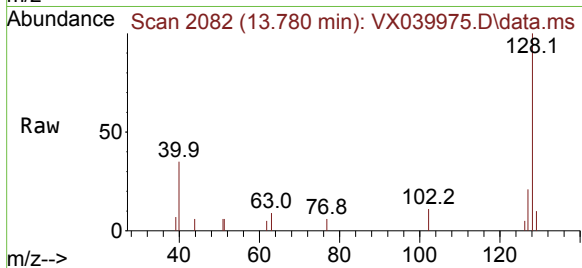
Tgt Ion:128 Resp: 1476

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 10.2 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 0.360 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX039975.D

Acq: 26 Jan 2024 12:07

Tgt Ion:180 Resp: 424

Ion Ratio Lower Upper

180 100

182 99.1 46.9 140.6

145 18.2 17.8 53.5

