

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041924\
 Data File : VX041171.D
 Acq On : 19 Apr 2024 12:32
 Operator : JC/MD
 Sample : P2198-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 20 01:29:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 02:04:44 2024
 Response via : Initial Calibration

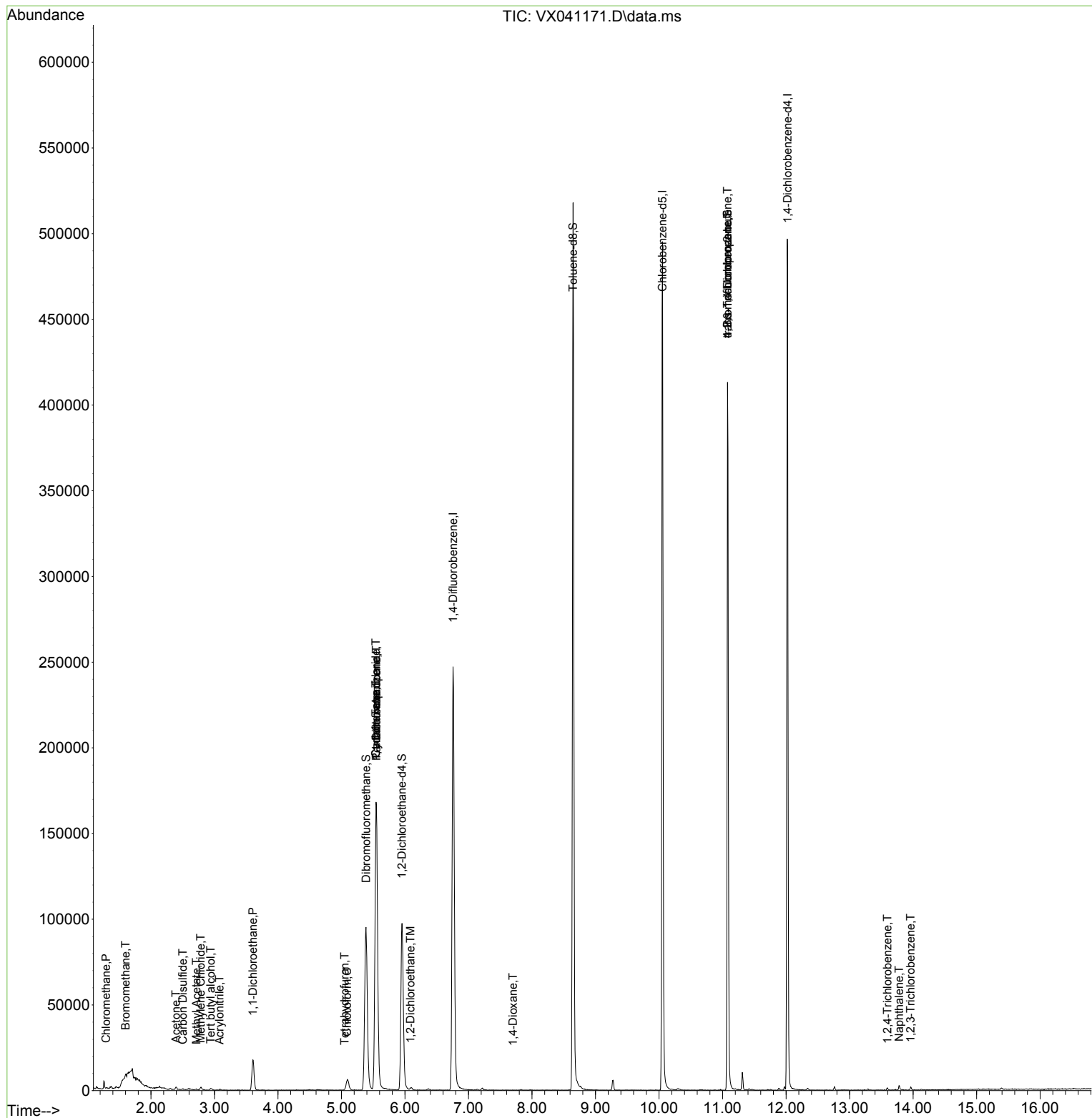
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	189344	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	277078	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	249645	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	118966	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	95960	46.942	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.880%
35) Dibromofluoromethane	5.385	113	84393	45.595	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.180%
50) Toluene-d8	8.647	98	315287	48.631	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.260%
62) 4-Bromofluorobenzene	11.079	95	107496	43.678	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.360%
Target Compounds						
						Qvalue
3) Chloromethane	1.295	50	459	0.275	ug/l	89
5) Bromomethane	1.599	94	418	0.349	ug/l	# 75
11) Tert butyl alcohol	2.941	59	739	1.848	ug/l	# 78
15) Acrylonitrile	3.081	53	241	0.243	ug/l	# 58
16) Acetone	2.392	43	1805	2.101	ug/l	99
17) Carbon Disulfide	2.502	76	834	0.219	ug/l	# 76
18) Methyl Acetate	2.715	43	513	0.239	ug/l	# 61
20) Methylene Chloride	2.782	84	827	0.451	ug/l	# 75
24) 1,1-Dichloroethane	3.605	63	20856	6.882	ug/l	94
28) Bromochloromethane	5.093	49	521	Below Cal	#	16
29) Tetrahydrofuran	5.050	42	188	0.210	ug/l	# 34
30) Chloroform	5.087	83	7841	2.381	ug/l	96
31) Cyclohexane	5.544	56	2745	1.084	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	11148	4.757	ug/l	# 51
38) Carbon Tetrachloride	5.544	117	15865	5.839	ug/l	# 16
42) 1,2-Dichloroethane	6.086	62	1577	0.615	ug/l	94
49) 1,4-Dioxane	7.702	88	25	0.527	ug/l	# 12
76) 1,2,3-Trichloropropane	11.079	75	51239	26.430	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	51239	67.401	ug/l	# 5
93) 1,2,4-Trichlorobenzene	13.597	180	626	0.216	ug/l	91
95) Naphthalene	13.780	128	2650	0.338	ug/l	# 93
96) 1,2,3-Trichlorobenzene	13.963	180	639	0.222	ug/l	85

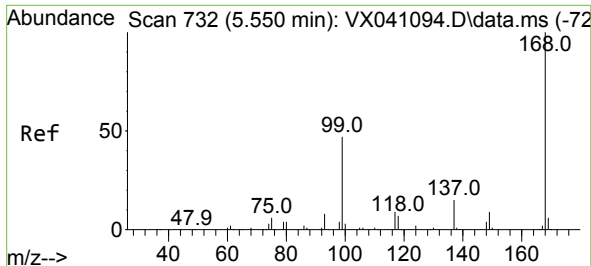
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041924\
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Sample : P2198-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

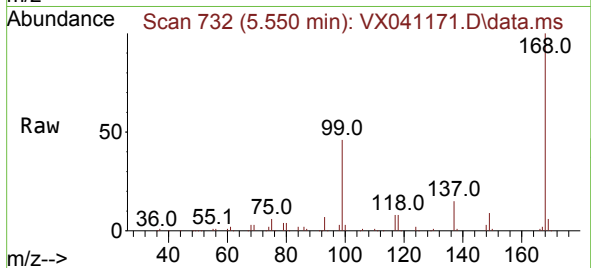
Quant Time: Apr 20 01:29:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041624W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 02:04:44 2024
Response via : Initial Calibration



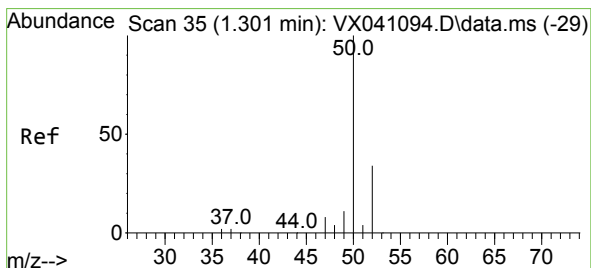
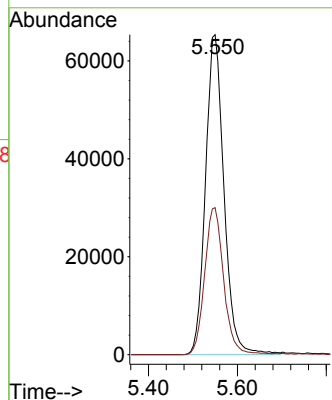
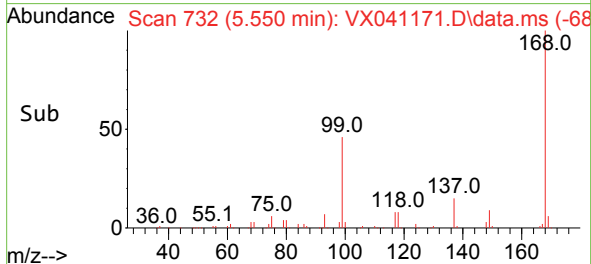


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041171.D
Acq: 19 Apr 2024 12:32

Instrument :
MSVOA_X
ClientSampleId :

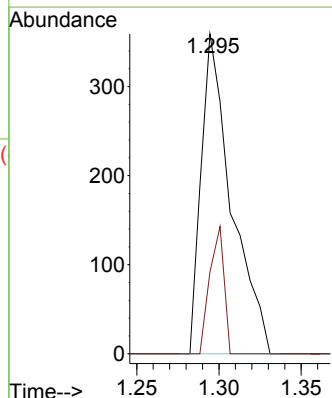
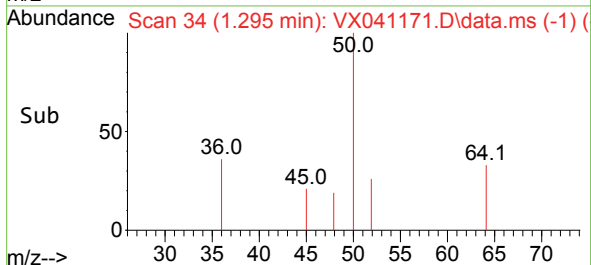
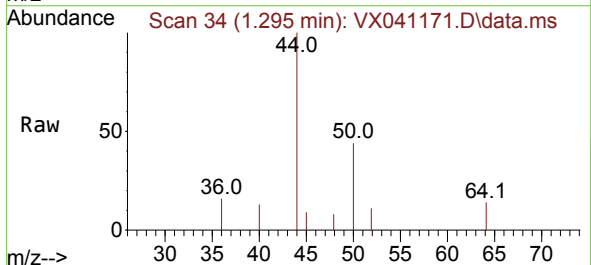


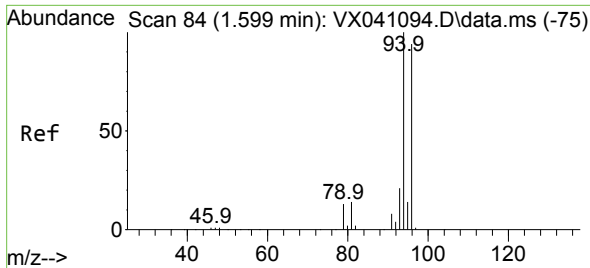
Tgt Ion:168 Resp: 189344
Ion Ratio Lower Upper
168 100
99 45.9 56.6 85.0#



#3
Chloromethane
Concen: 0.275 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX041171.D
Acq: 19 Apr 2024 12:32

Tgt Ion: 50 Resp: 459
Ion Ratio Lower Upper
50 100
52 25.6 25.5 38.3

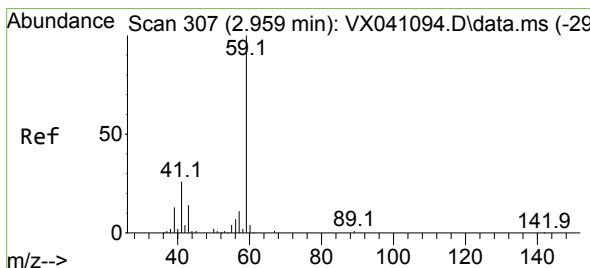
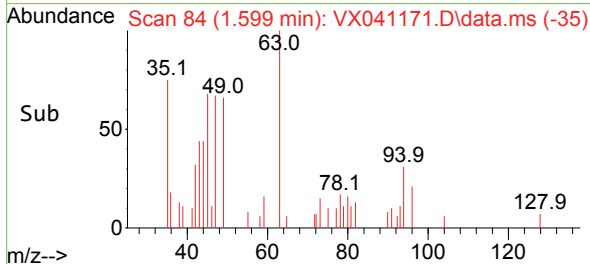
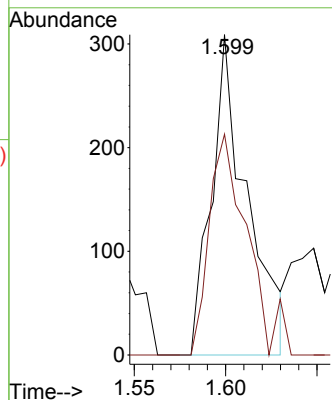
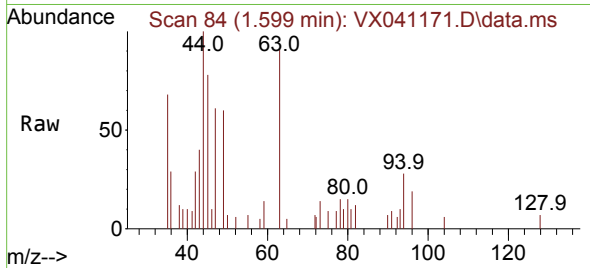




#5
Bromomethane
Concen: 0.349 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041171.D
Acq: 19 Apr 2024 12:32

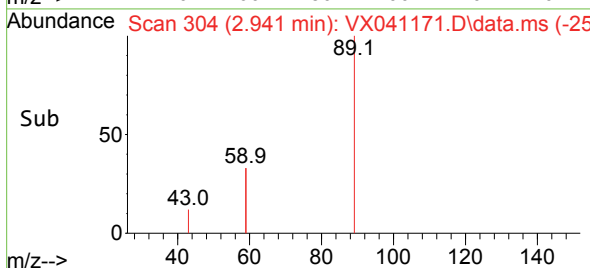
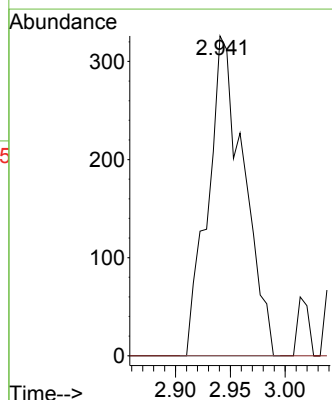
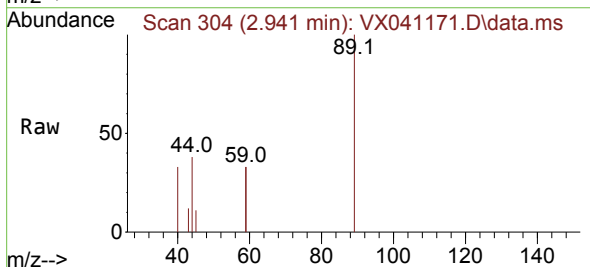
Instrument :
MSVOA_X
ClientSampleId :

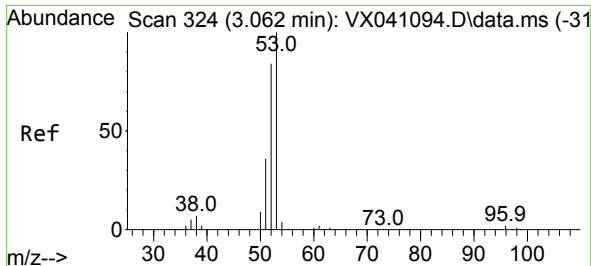
Tgt Ion: 94 Resp: 418
Ion Ratio Lower Upper
94 100
96 68.9 74.6 111.8#



#11
Tert butyl alcohol
Concen: 1.848 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.018 min
Lab File: VX041171.D
Acq: 19 Apr 2024 12:32

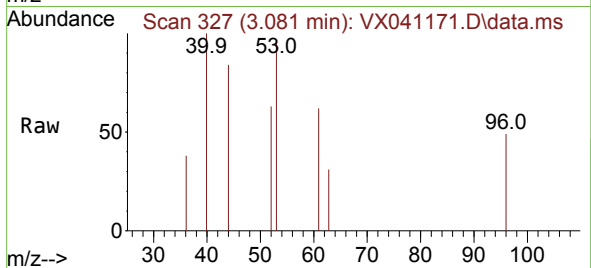
Tgt Ion: 59 Resp: 739
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



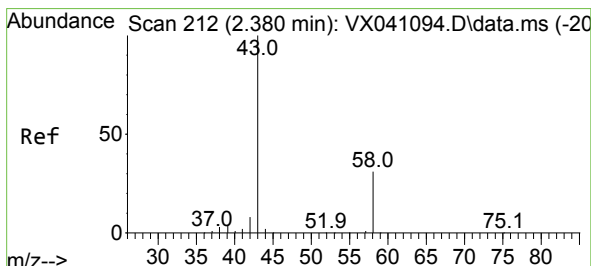
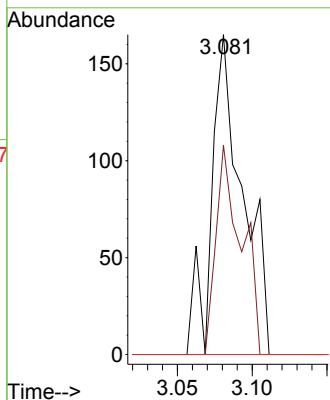
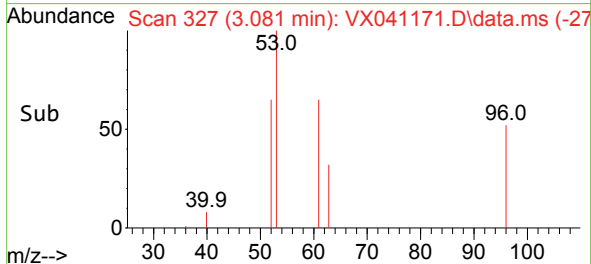


#15
Acrylonitrile
Concen: 0.243 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.018 min
Lab File: VX041171.D
Acq: 19 Apr 2024 12:32

Instrument :
MSVOA_X
ClientSampleId :

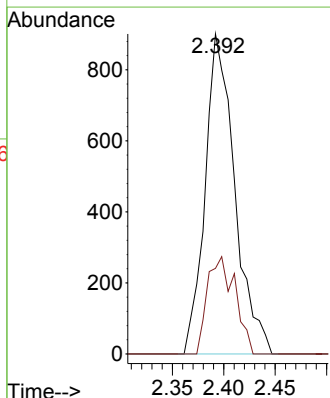
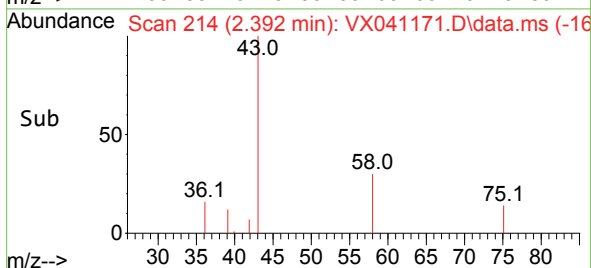
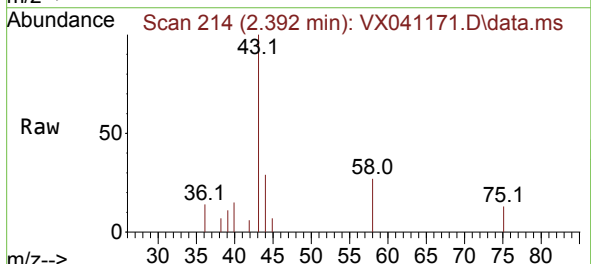


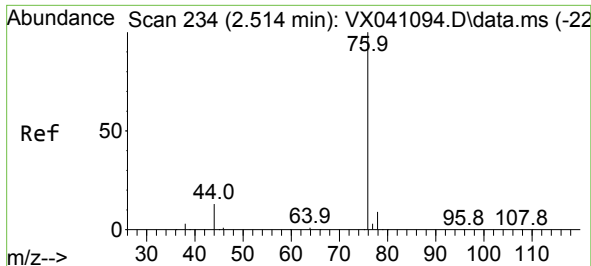
Tgt Ion: 53 Resp: 241
Ion Ratio Lower Upper
53 100
52 52.7 66.0 99.0#
51 0.0 29.8 44.6#



#16
Acetone
Concen: 2.101 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX041171.D
Acq: 19 Apr 2024 12:32

Tgt Ion: 43 Resp: 1805
Ion Ratio Lower Upper
43 100
58 26.7 21.9 32.9





#17

Carbon Disulfide

Concen: 0.219 ug/l

RT: 2.502 min Scan# 21

Delta R.T. -0.012 min

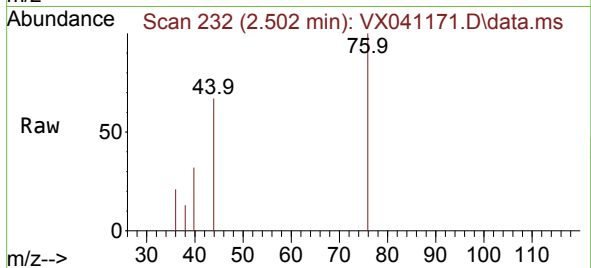
Lab File: VX041171.D

Acq: 19 Apr 2024 12:32

Instrument :

MSVOA_X

ClientSampleId :

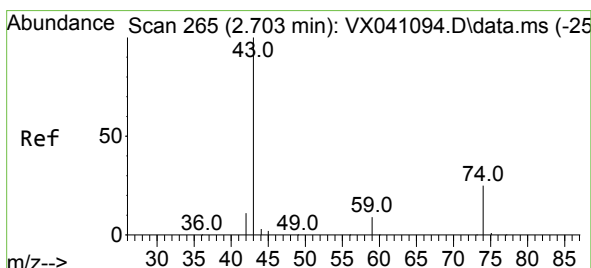
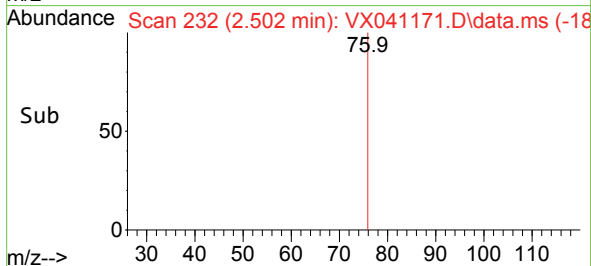
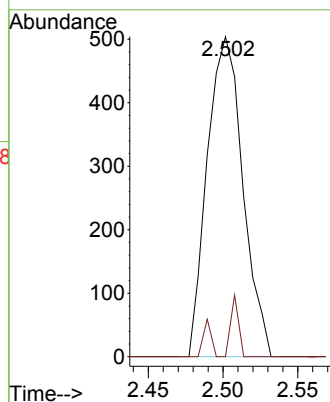


Tgt Ion: 76 Resp: 834

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#18

Methyl Acetate

Concen: 0.239 ug/l

RT: 2.715 min Scan# 267

Delta R.T. 0.012 min

Lab File: VX041171.D

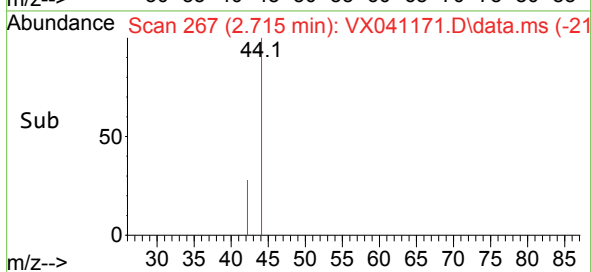
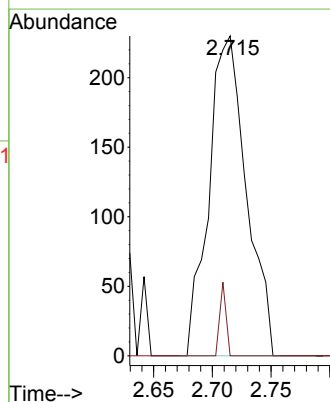
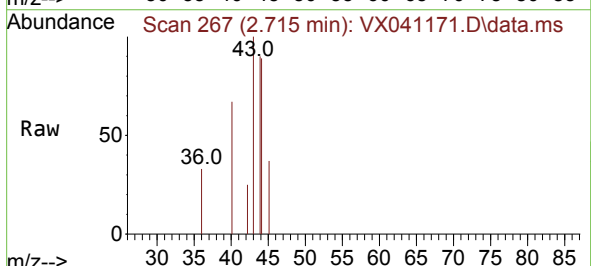
Acq: 19 Apr 2024 12:32

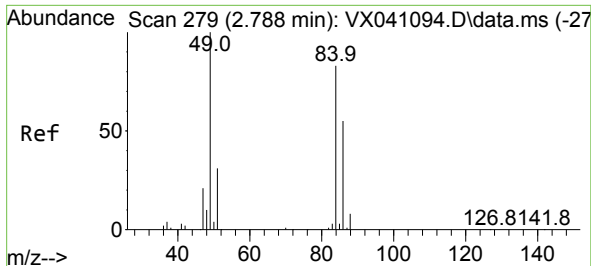
Tgt Ion: 43 Resp: 513

Ion Ratio Lower Upper

43 100

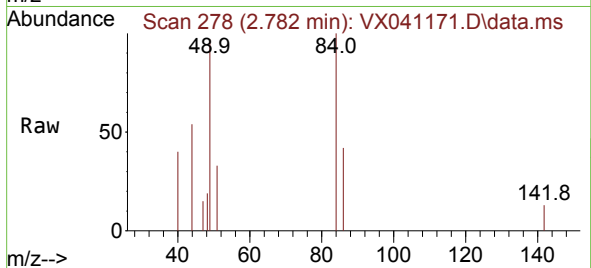
74 3.7 17.8 26.8#



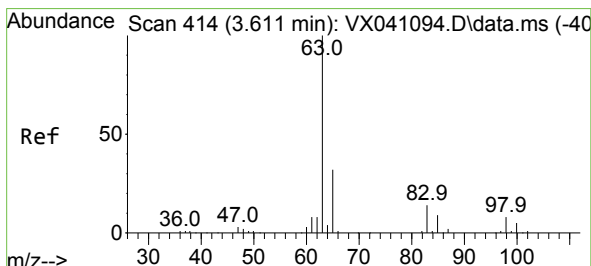
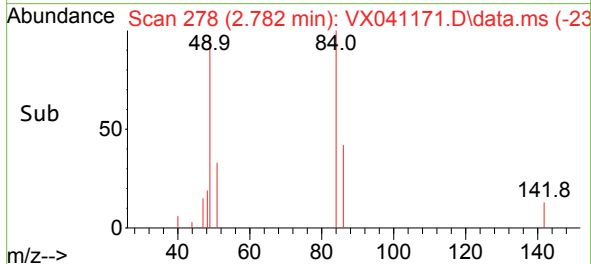
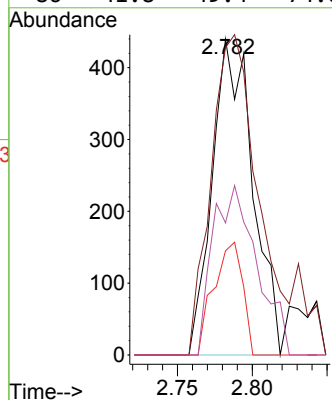


#20
Methylene Chloride
Concen: 0.451 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX041171.D
Acq: 19 Apr 2024 12:32

Instrument :
MSVOA_X
ClientSampleId :

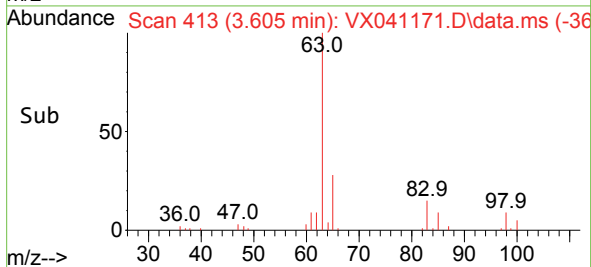
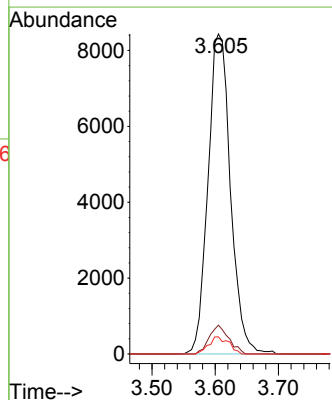
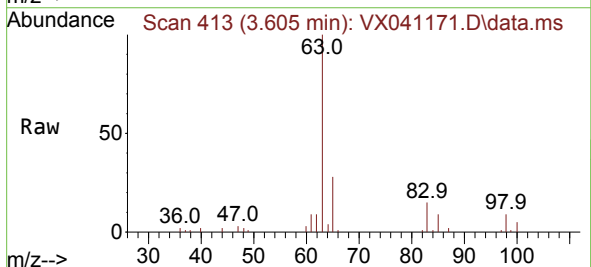


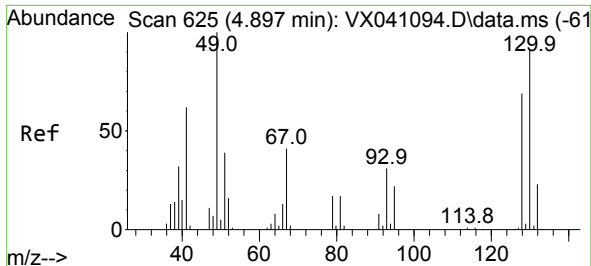
Tgt Ion: 84 Resp: 827
Ion Ratio Lower Upper
84 100
49 97.3 103.6 155.4#
51 33.0 33.8 50.6#
86 41.8 49.4 74.0#



#24
1,1-Dichloroethane
Concen: 6.882 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.006 min
Lab File: VX041171.D
Acq: 19 Apr 2024 12:32

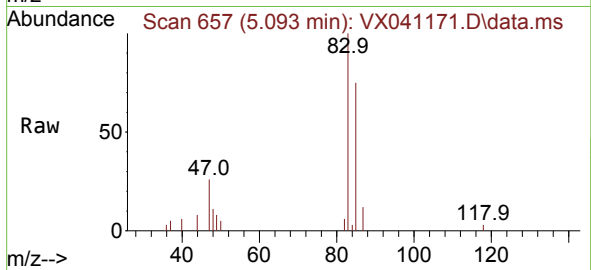
Tgt Ion: 63 Resp: 20856
Ion Ratio Lower Upper
63 100
98 9.0 3.3 9.8
100 5.4 2.1 6.5



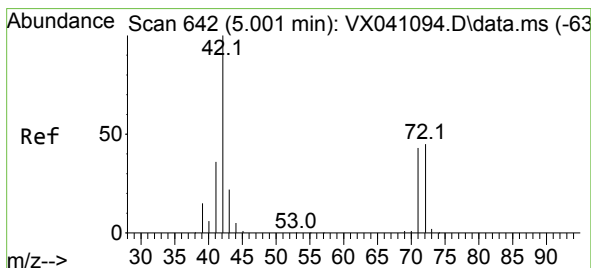
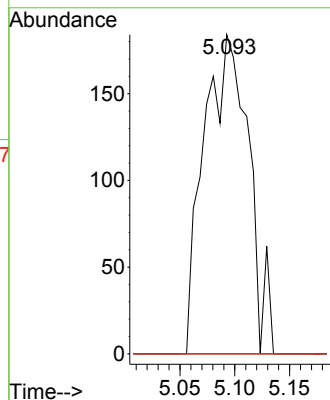
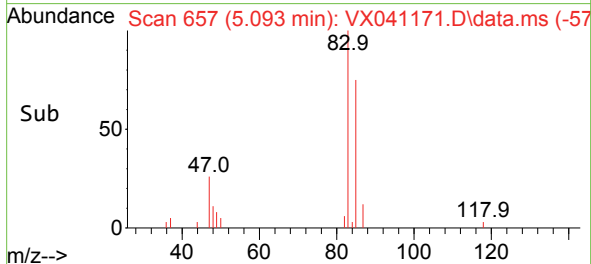


#28
Bromochloromethane
Concen: Below Cal
RT: 5.093 min Scan# 61
Delta R.T. 0.196 min
Lab File: VX041171.D
Acq: 19 Apr 2024 12:32

Instrument :
MSVOA_X
ClientSampleId :

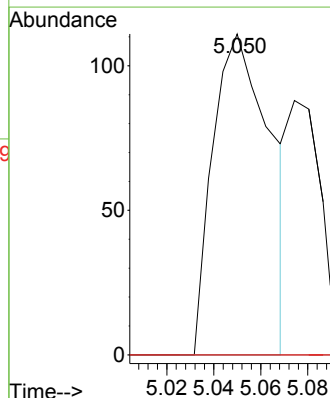
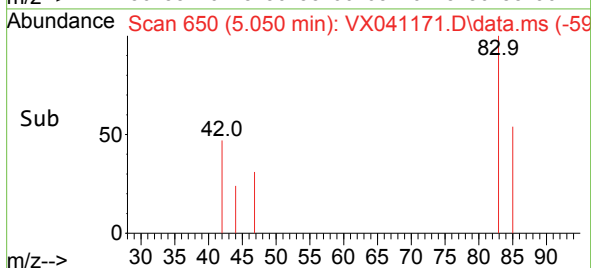
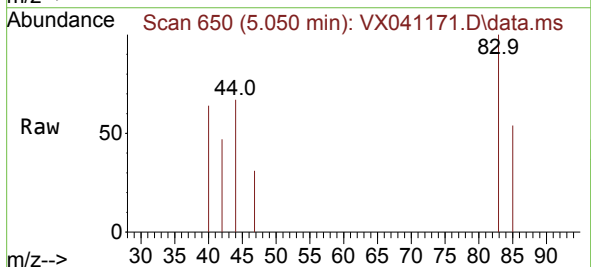


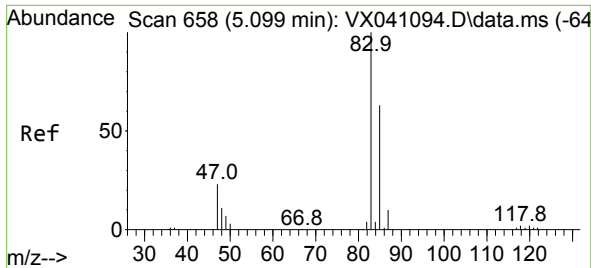
Tgt Ion: 49 Resp: 521
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 0.0 57.5 86.3#



#29
Tetrahydrofuran
Concen: 0.210 ug/l
RT: 5.050 min Scan# 650
Delta R.T. 0.049 min
Lab File: VX041171.D
Acq: 19 Apr 2024 12:32

Tgt Ion: 42 Resp: 188
Ion Ratio Lower Upper
42 100
72 0.0 34.2 51.4#
71 0.0 32.2 48.2#

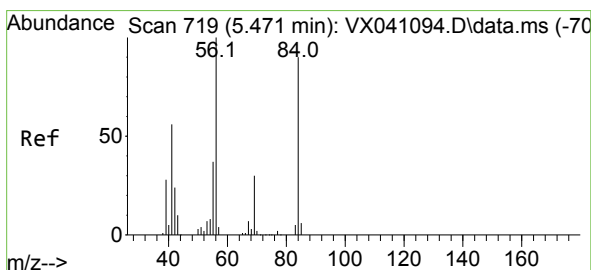
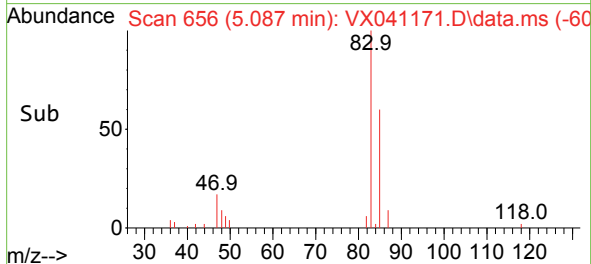
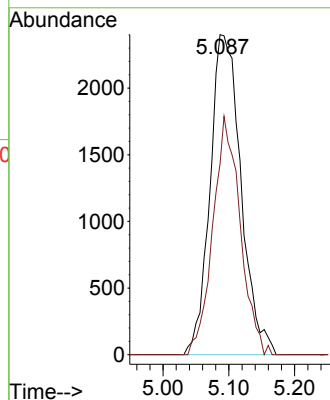
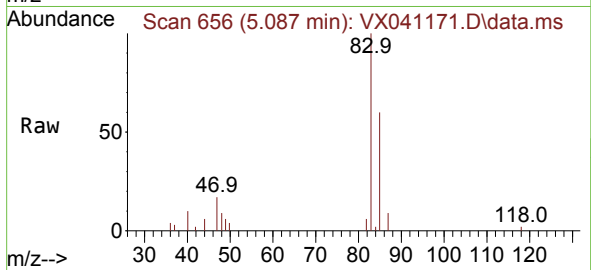




#30
Chloroform
Concen: 2.381 ug/l
RT: 5.087 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX041171.D
Acq: 19 Apr 2024 12:32

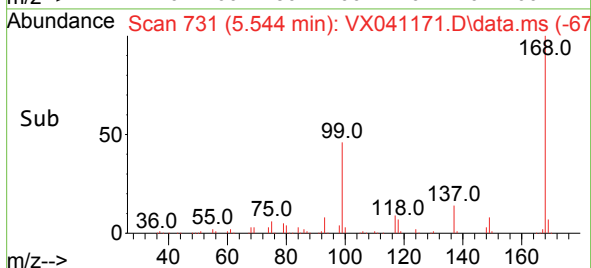
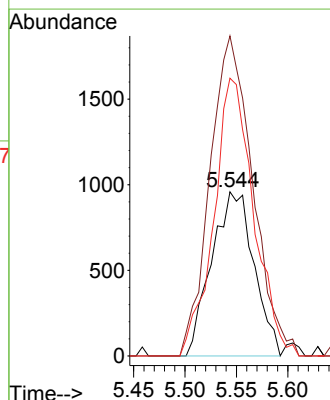
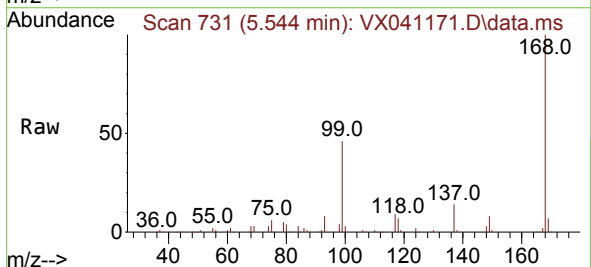
Instrument :
MSVOA_X
ClientSampleId :

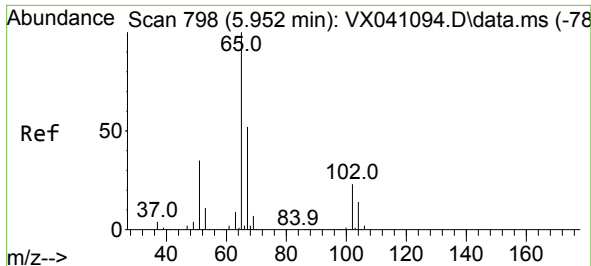
Tgt Ion: 83 Resp: 7841
Ion Ratio Lower Upper
83 100
85 59.6 50.3 75.5



#31
Cyclohexane
Concen: 1.084 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX041171.D
Acq: 19 Apr 2024 12:32

Tgt Ion: 56 Resp: 2745
Ion Ratio Lower Upper
56 100
69 194.9 23.4 35.2#
84 180.2 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 46.942 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX041171.D

Acq: 19 Apr 2024 12:32

Instrument :

MSVOA_X

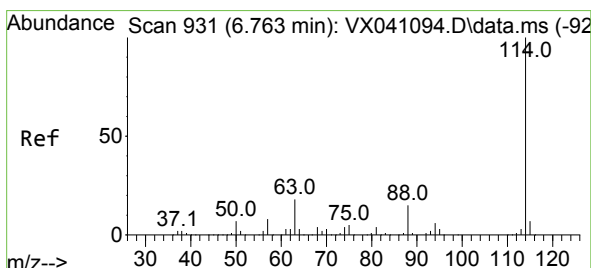
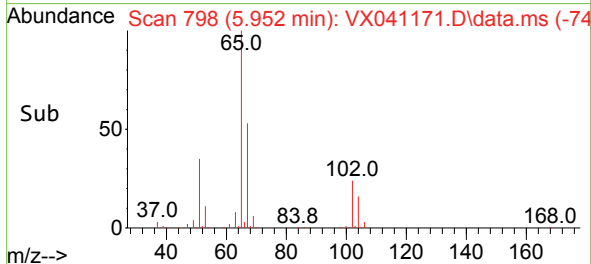
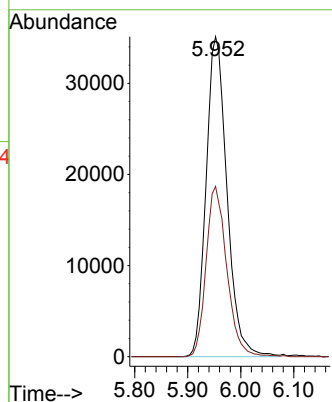
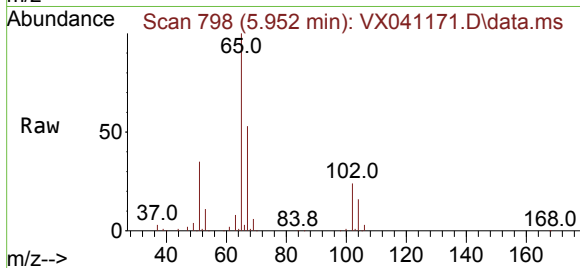
ClientSampleId :

Tgt Ion: 65 Resp: 95960

Ion Ratio Lower Upper

65 100

67 52.9 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX041171.D

Acq: 19 Apr 2024 12:32

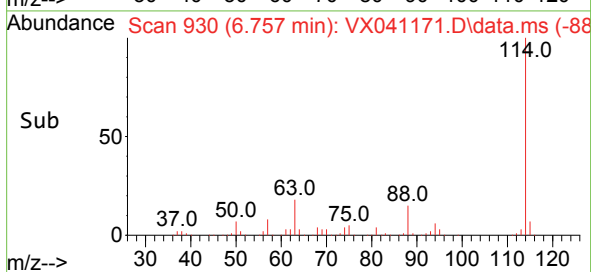
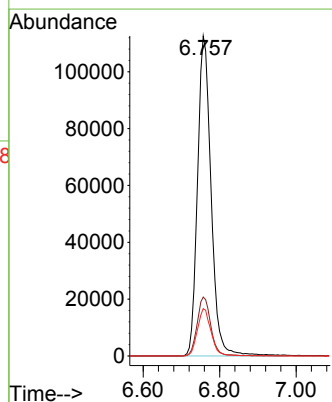
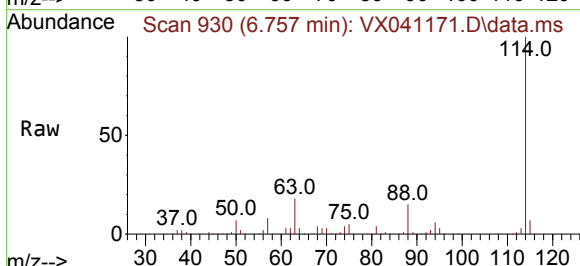
Tgt Ion: 114 Resp: 277078

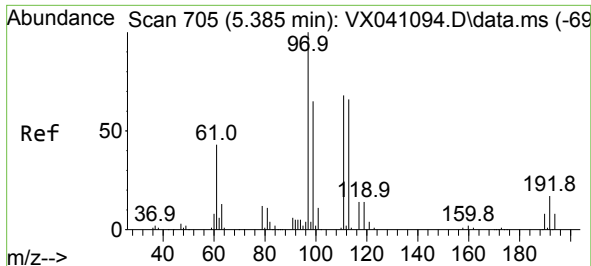
Ion Ratio Lower Upper

114 100

63 18.4 0.0 45.0

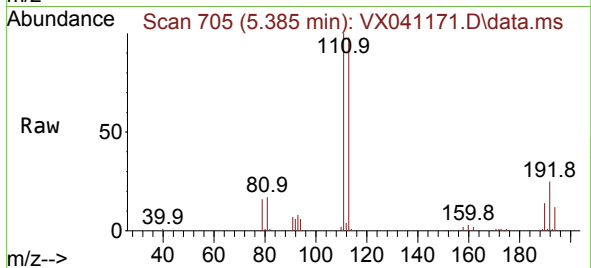
88 14.8 0.0 36.6



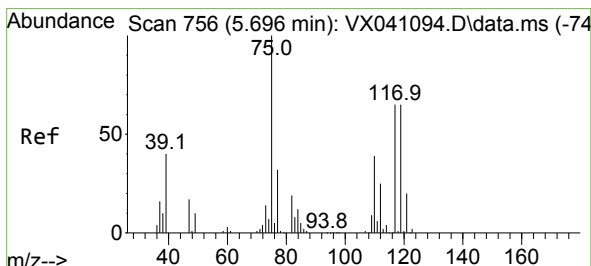
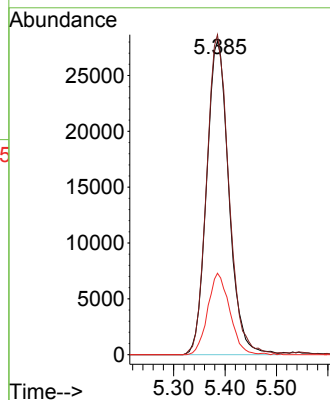
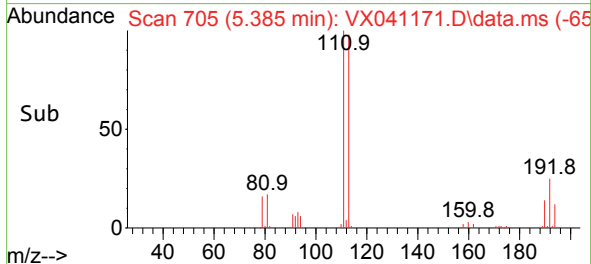


#35
Dibromofluoromethane
Concen: 45.595 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041171.D
Acq: 19 Apr 2024 12:32

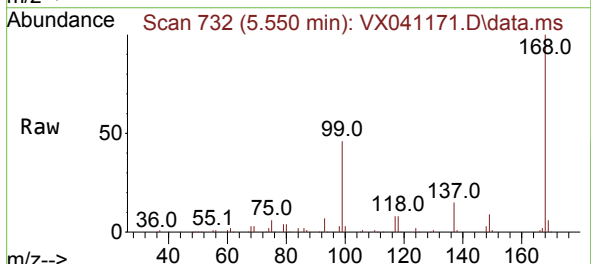
Instrument :
MSVOA_X
ClientSampleId :



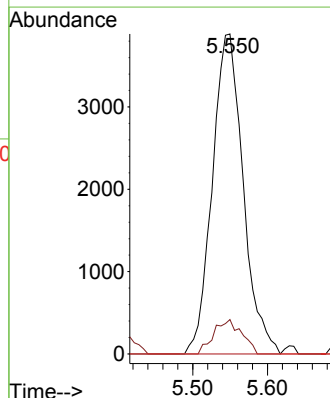
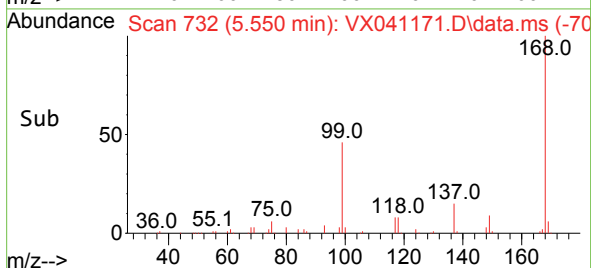
Tgt Ion:113 Resp: 84393
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 25.6 13.3 19.9#

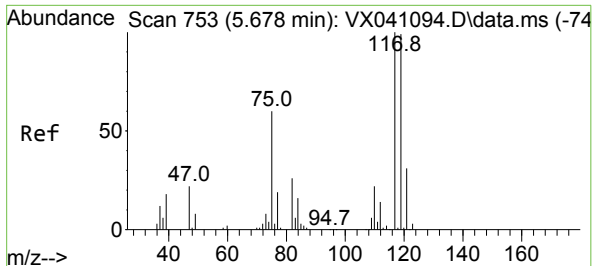


#36
1,1-Dichloropropene
Concen: 4.757 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX041171.D
Acq: 19 Apr 2024 12:32



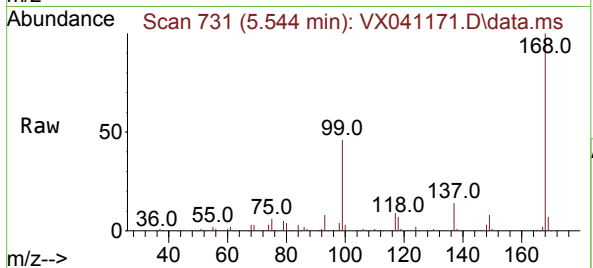
Tgt Ion: 75 Resp: 11148
Ion Ratio Lower Upper
75 100
110 9.7 17.0 50.9#
77 0.0 24.7 37.1#



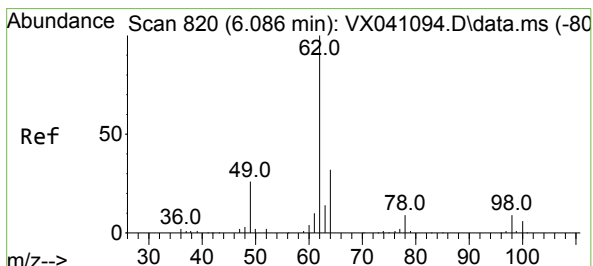
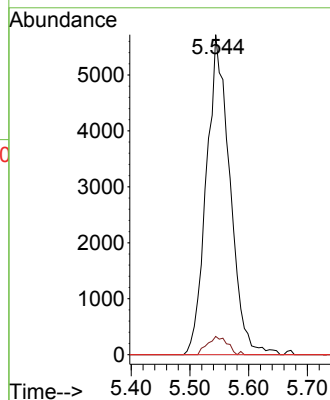
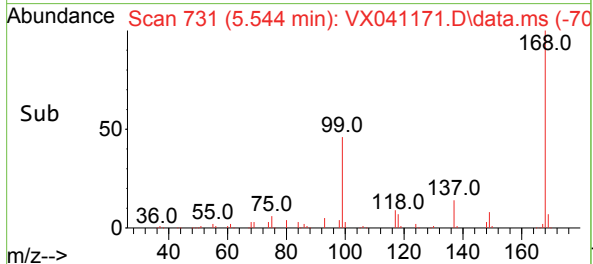


#38
Carbon Tetrachloride
Concen: 5.839 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX041171.D
Acq: 19 Apr 2024 12:32

Instrument :
MSVOA_X
ClientSampleId :

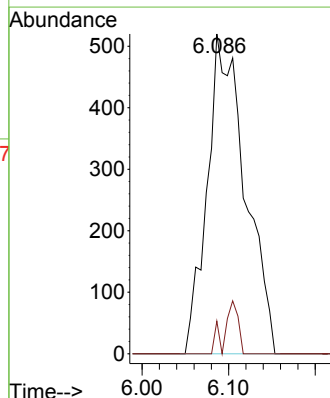
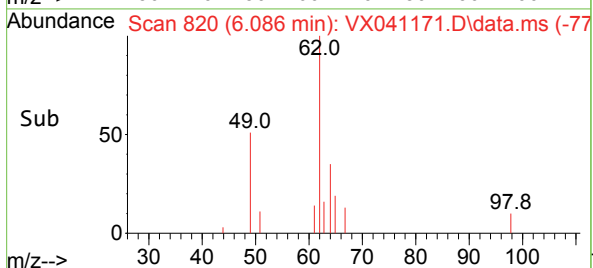
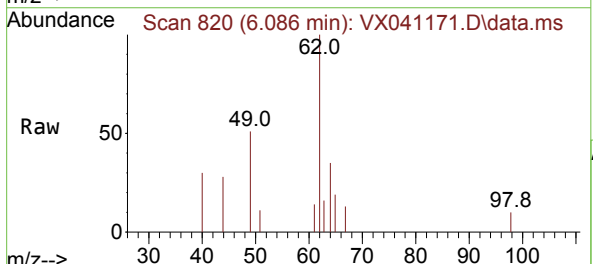


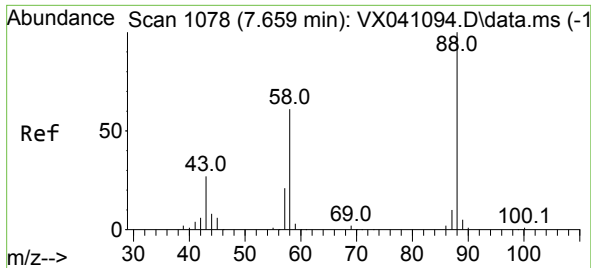
Tgt Ion:117 Resp: 15865
Ion Ratio Lower Upper
117 100
119 5.7 78.2 117.2#
121 0.0 24.4 36.6#



#42
1,2-Dichloroethane
Concen: 0.615 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX041171.D
Acq: 19 Apr 2024 12:32

Tgt Ion: 62 Resp: 1577
Ion Ratio Lower Upper
62 100
98 6.0 0.0 16.0





#49

1,4-Dioxane

Concen: 0.527 ug/l

RT: 7.702 min Scan# 1085

Delta R.T. 0.043 min

Lab File: VX041171.D

Acq: 19 Apr 2024 12:32

Instrument :

MSVOA_X

ClientSampleId :

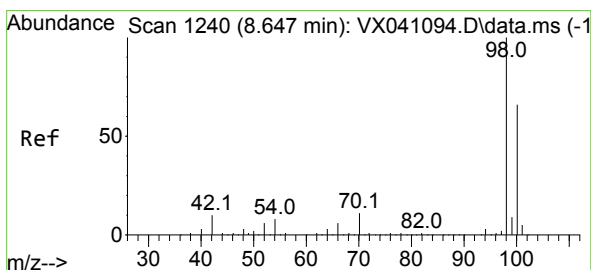
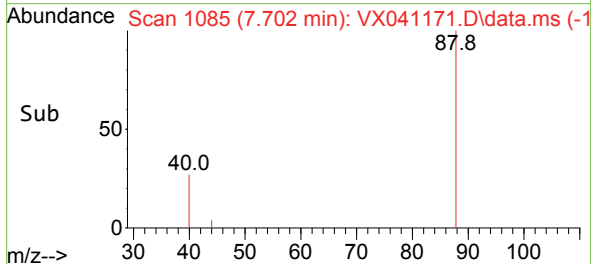
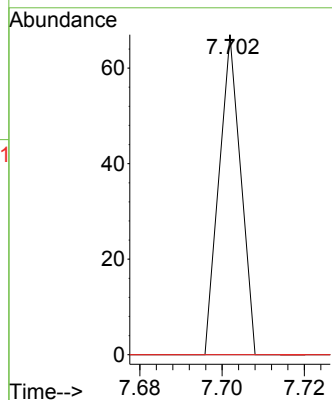
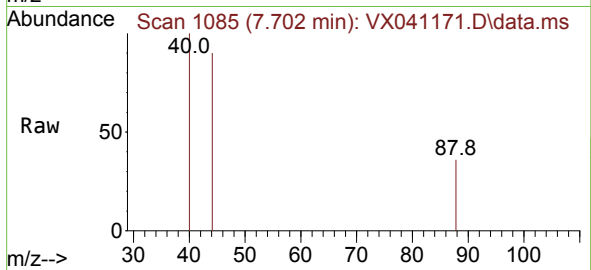
Tgt Ion: 88 Resp: 25

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 0.0 60.1 90.1#



#50

Toluene-d8

Concen: 48.631 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX041171.D

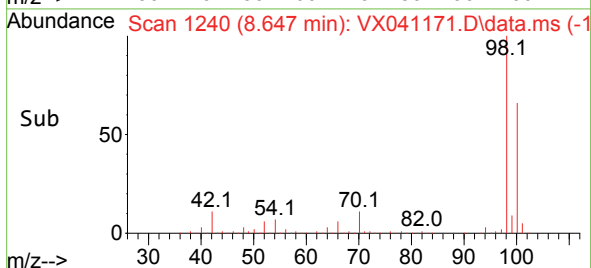
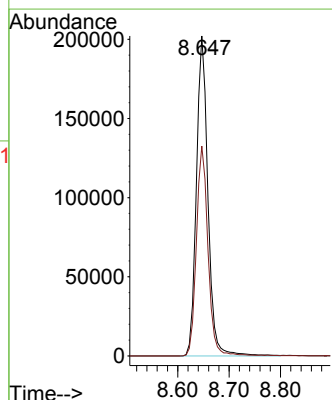
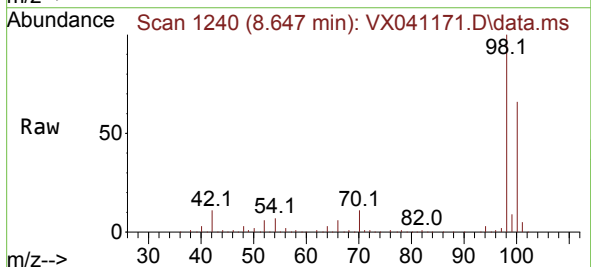
Acq: 19 Apr 2024 12:32

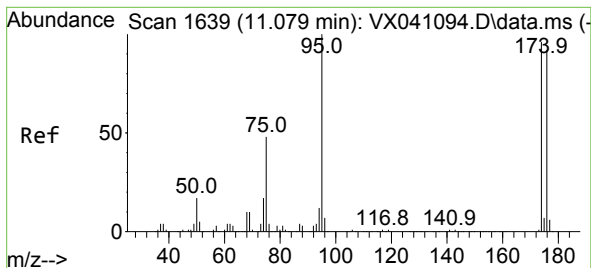
Tgt Ion: 98 Resp: 315287

Ion Ratio Lower Upper

98 100

100 66.3 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 43.678 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041171.D

Acq: 19 Apr 2024 12:32

Instrument :

MSVOA_X

ClientSampleId :

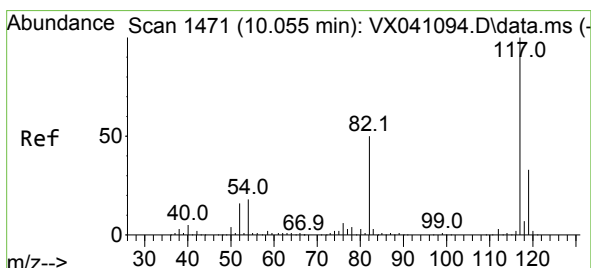
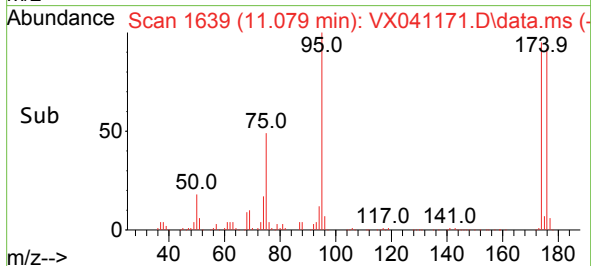
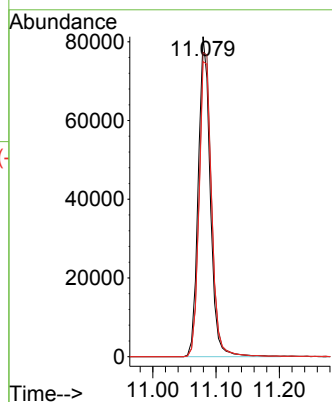
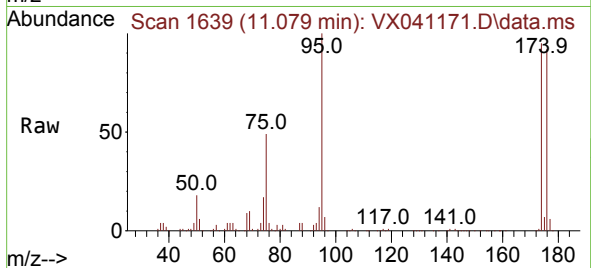
Tgt Ion: 95 Resp: 107496

Ion Ratio Lower Upper

95 100

174 99.3 0.0 135.6

176 96.7 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: VX041171.D

Acq: 19 Apr 2024 12:32

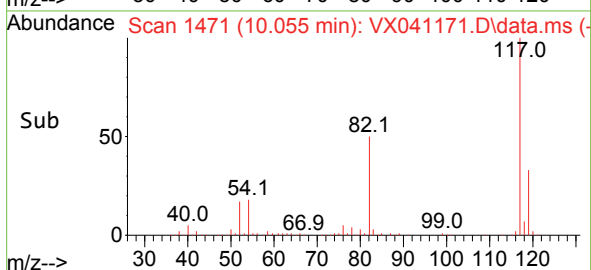
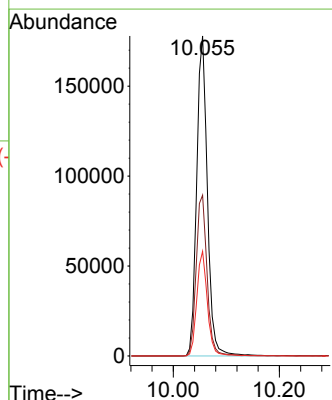
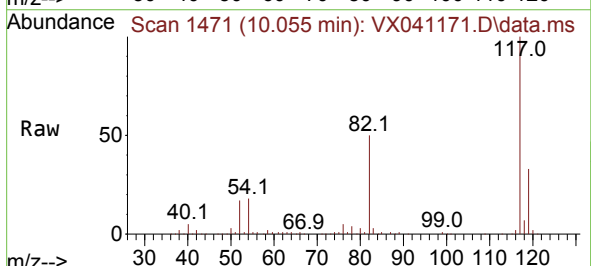
Tgt Ion: 117 Resp: 249645

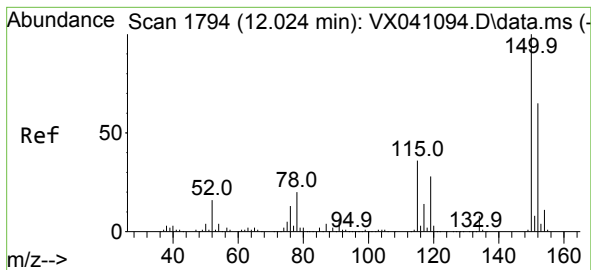
Ion Ratio Lower Upper

117 100

82 50.3 46.2 69.4

119 32.7 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX041171.D

Acq: 19 Apr 2024 12:32

Instrument :

MSVOA_X

ClientSampleId :

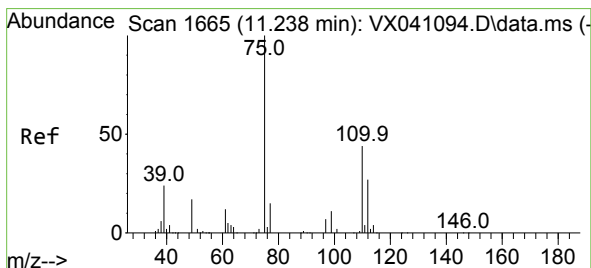
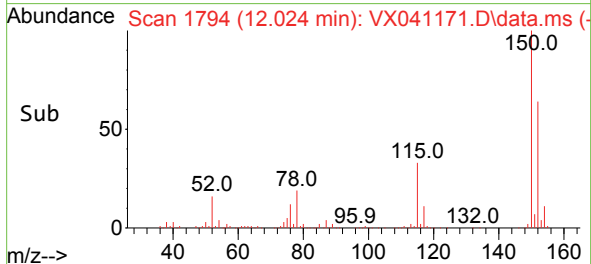
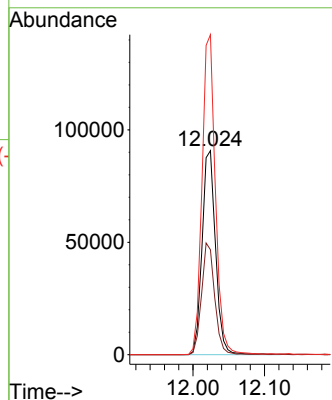
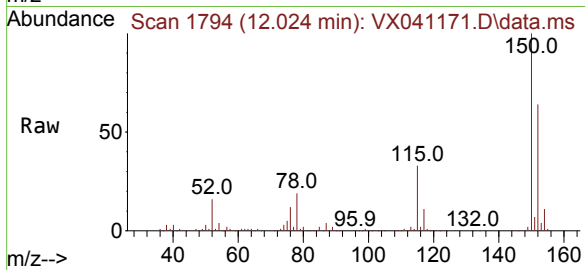
Tgt Ion:152 Resp: 118966

Ion Ratio Lower Upper

152 100

115 53.5 43.3 129.9

150 155.4 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 26.430 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX041171.D

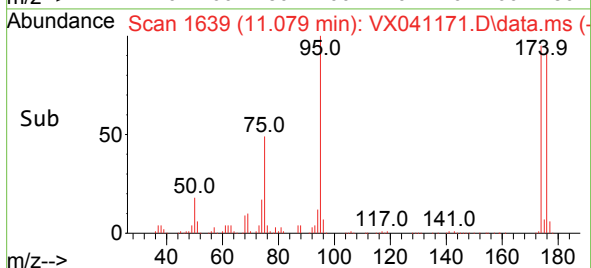
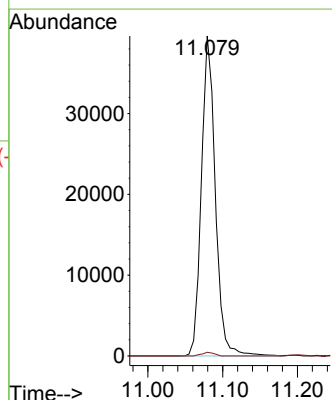
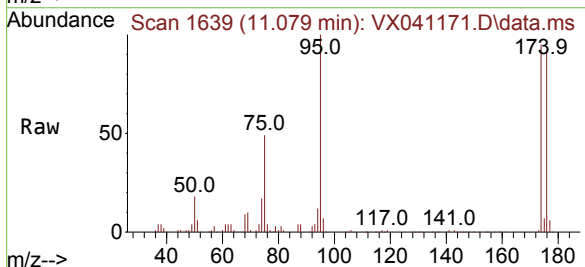
Acq: 19 Apr 2024 12:32

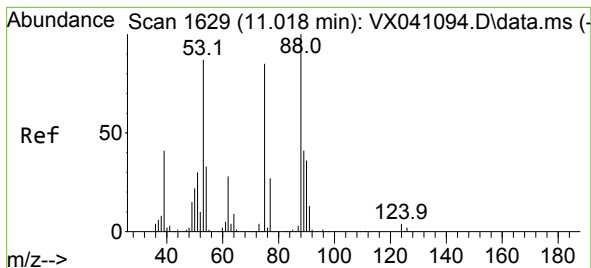
Tgt Ion: 75 Resp: 51239

Ion Ratio Lower Upper

75 100

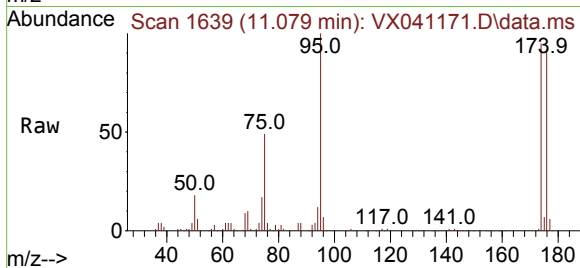
77 1.0 19.1 57.5#



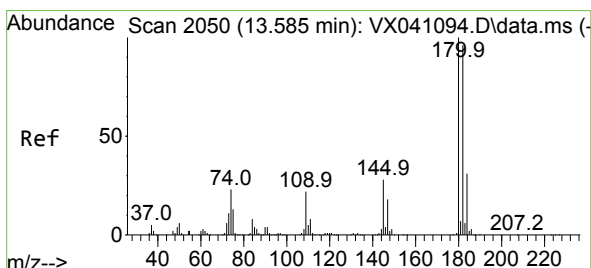
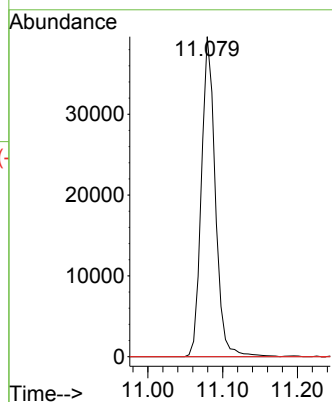
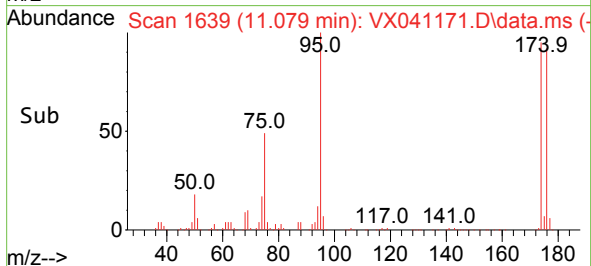


#81
trans-1,4-Dichloro-2-butene
Concen: 67.401 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX041171.D
Acq: 19 Apr 2024 12:32

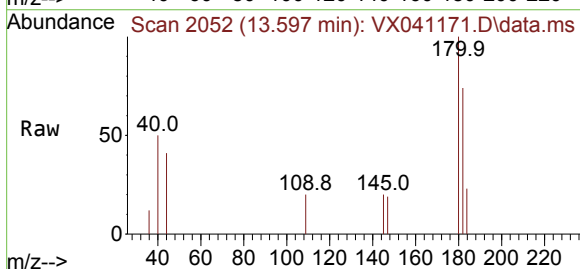
Instrument :
MSVOA_X
ClientSampleId :



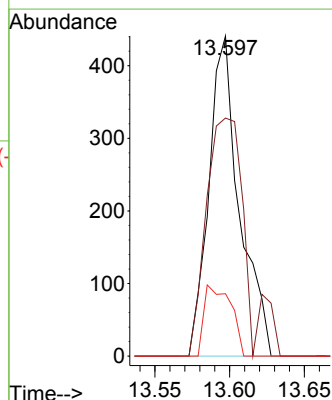
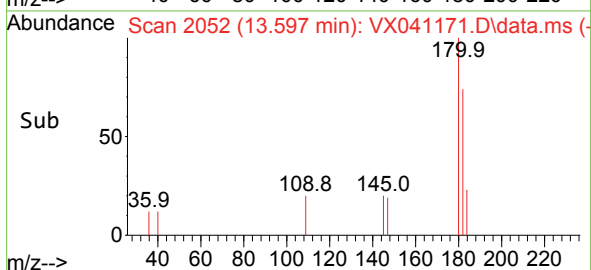
Tgt Ion: 75 Resp: 51239
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

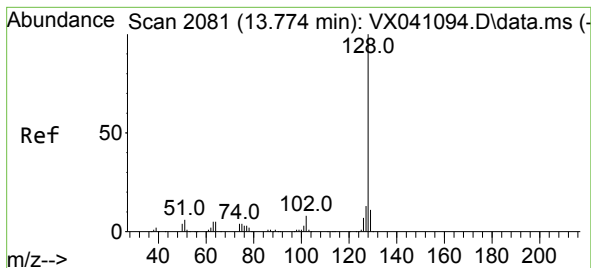


#93
1,2,4-Trichlorobenzene
Concen: 0.216 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.012 min
Lab File: VX041171.D
Acq: 19 Apr 2024 12:32



Tgt Ion:180 Resp: 626
Ion Ratio Lower Upper
180 100
182 95.4 48.3 144.8
145 19.3 18.0 54.0





#95

Naphthalene

Concen: 0.338 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX041171.D

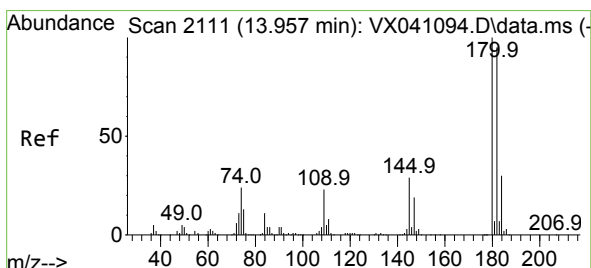
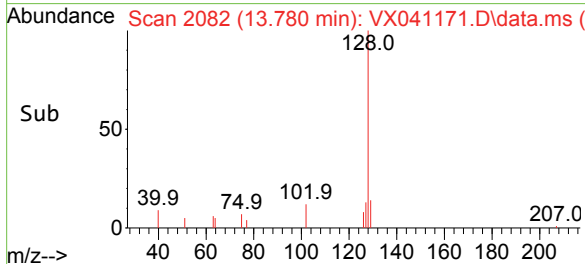
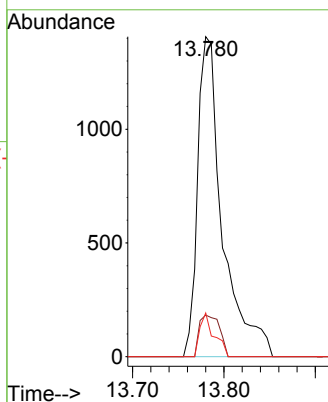
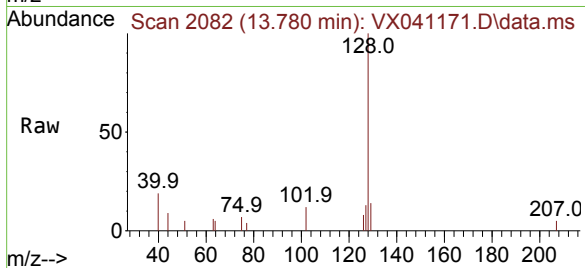
Acq: 19 Apr 2024 12:32

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:128	Resp:	2650
Ion Ratio	Lower	Upper
128	100	
127	10.6	10.3 15.5
129	7.8	8.8 13.2#



#96

1,2,3-Trichlorobenzene

Concen: 0.222 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX041171.D

Acq: 19 Apr 2024 12:32

Tgt Ion:180	Resp:	639
Ion Ratio	Lower	Upper
180	100	
182	110.3	46.9 140.6
145	31.3	17.8 53.5

