

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062124\
 Data File : VX041977.D
 Acq On : 21 Jun 2024 13:37
 Operator : JC/MD
 Sample : P3003-02DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 22 04:41:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

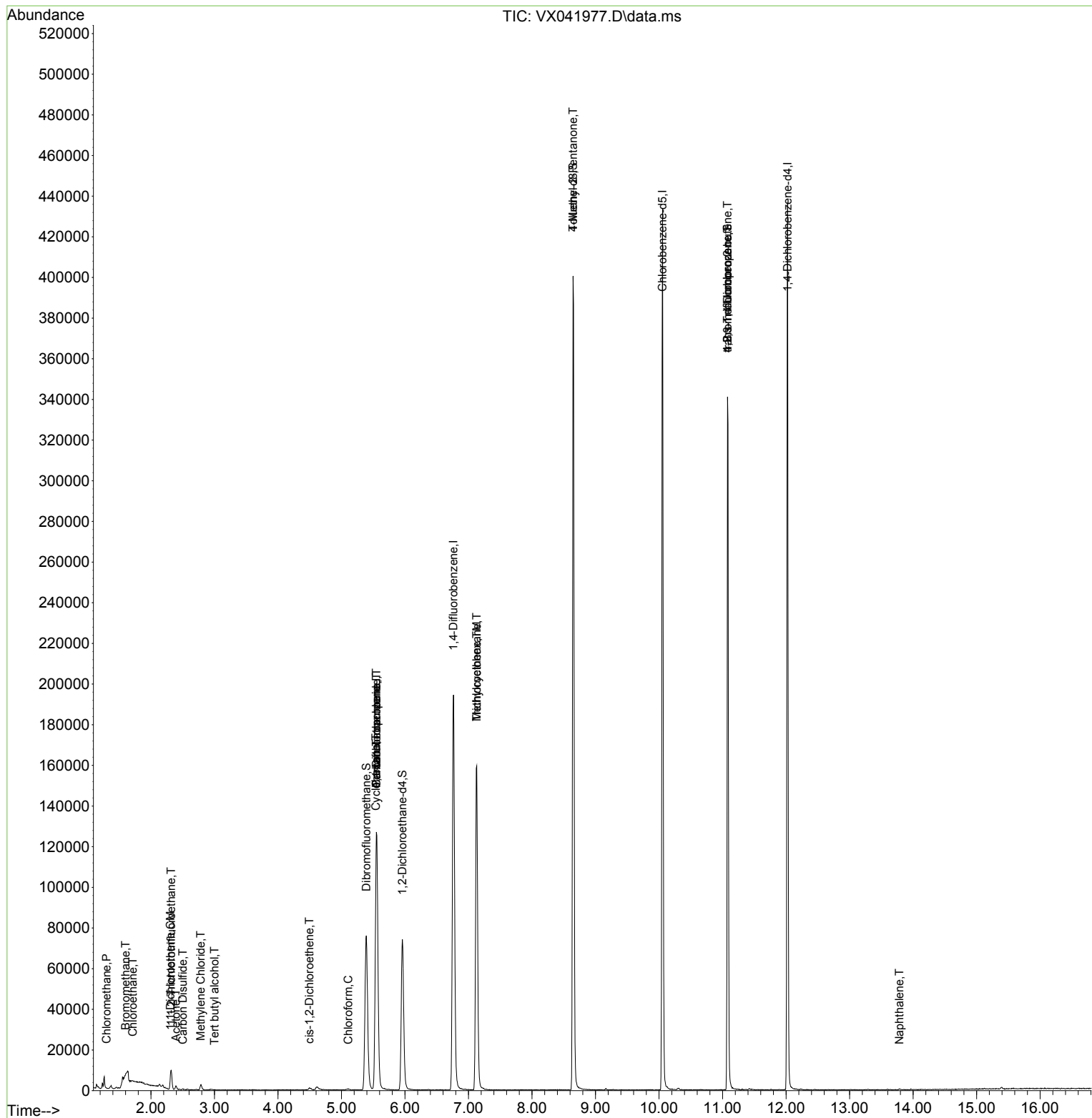
Internal Standards						
1) Pentafluorobenzene	5.550	168	141269	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	216068	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	212276	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101817	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	71944	44.164	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.320%
35) Dibromofluoromethane	5.391	113	67575	44.077	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.160%
50) Toluene-d8	8.647	98	254465	47.246	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.500%
62) 4-Bromofluorobenzene	11.079	95	93890	47.291	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.580%
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	378	0.280	ug/l	95
5) Bromomethane	1.599	94	423	0.633	ug/l	# 57
6) Chloroethane	1.715	64	2796	2.012	ug/l	# 47
9) 1,1,2-Trichlorotrifluo...	2.319	101	3408	2.790	ug/l	# 83
11) Tert butyl alcohol	3.001	59	166	0.537	ug/l	# 78
12) 1,1-Dichloroethene	2.306	96	601	0.493	ug/l	# 58
16) Acetone	2.392	43	1879	2.627	ug/l	# 78
17) Carbon Disulfide	2.501	76	642	0.258	ug/l	# 76
20) Methylene Chloride	2.782	84	1387	0.886	ug/l	89
27) cis-1,2-Dichloroethene	4.495	96	675	0.436	ug/l	93
30) Chloroform	5.105	83	781	0.328	ug/l	98
31) Cyclohexane	5.544	56	1916	1.006	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	8310	5.104	ug/l	# 50
38) Carbon Tetrachloride	5.550	117	11841	6.583	ug/l	# 16
39) Methylcyclohexane	7.129	83	691	0.336	ug/l	# 1
44) Trichloroethene	7.129	130	71829	48.804	ug/l	85
51) 4-Methyl-2-Pentanone	8.647	43	989	0.441	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	42401	22.939	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	42401	65.146	ug/l	# 5
95) Naphthalene	13.786	128	552	0.822	ug/l	# 85

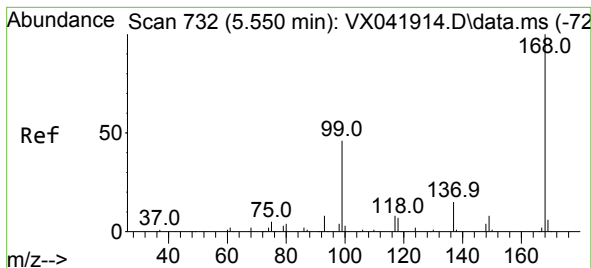
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 22 04:41:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 21 23:51:58 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: VX041977.D

Acq: 21 Jun 2024 13:37

Instrument :

MSVOA_X

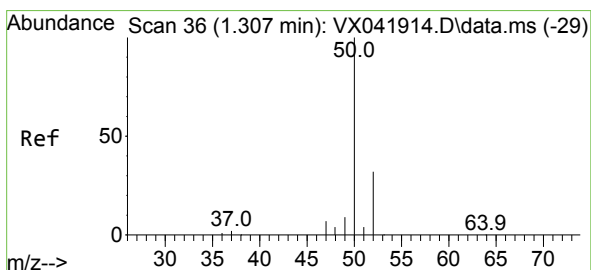
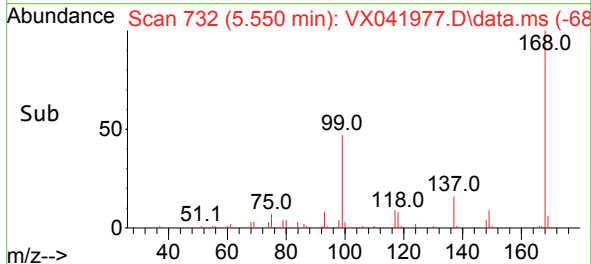
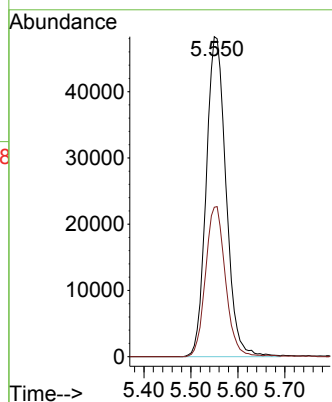
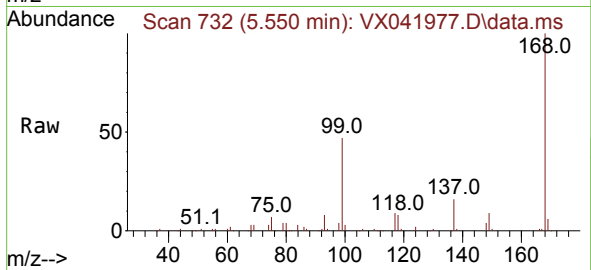
ClientSampleId :

Tgt Ion:168 Resp: 141269

Ion Ratio Lower Upper

168 100

99 46.7 56.6 85.0#



#3

Chloromethane

Concen: 0.280 ug/l

RT: 1.300 min Scan# 35

Delta R.T. -0.006 min

Lab File: VX041977.D

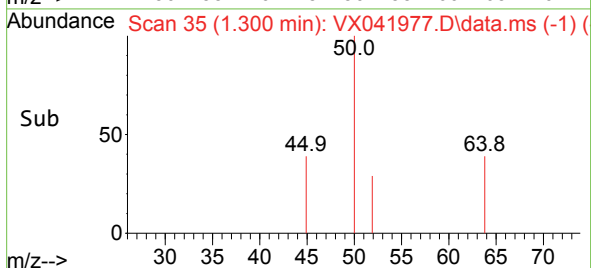
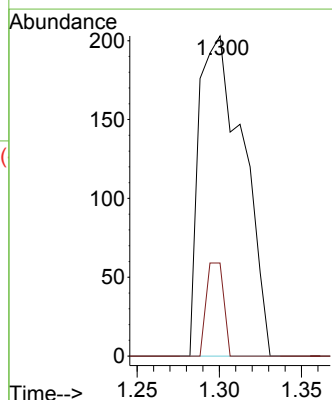
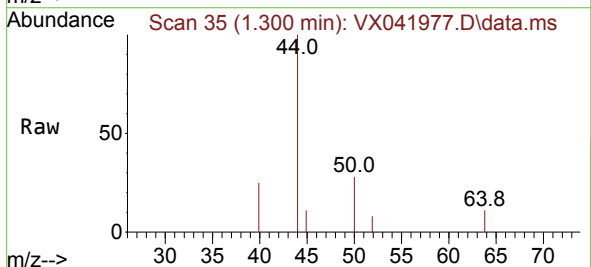
Acq: 21 Jun 2024 13:37

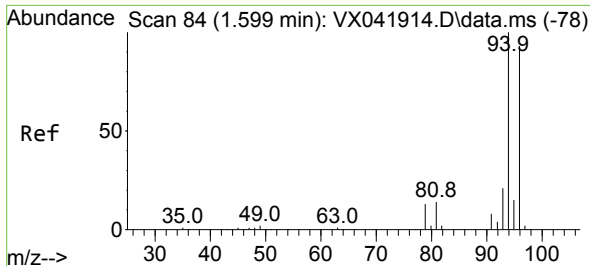
Tgt Ion: 50 Resp: 378

Ion Ratio Lower Upper

50 100

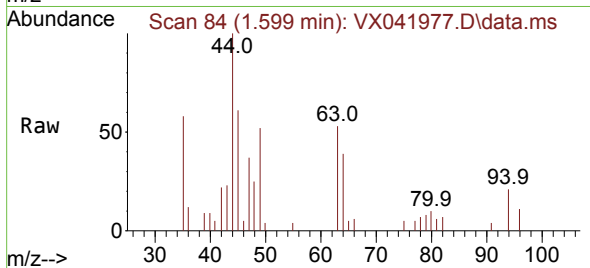
52 29.1 25.5 38.3



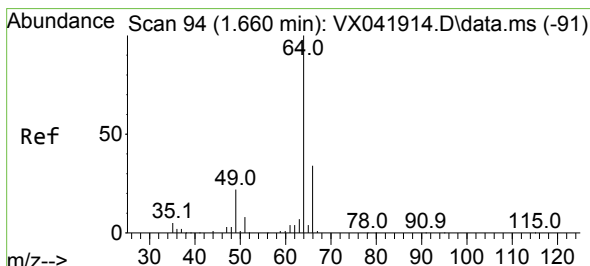
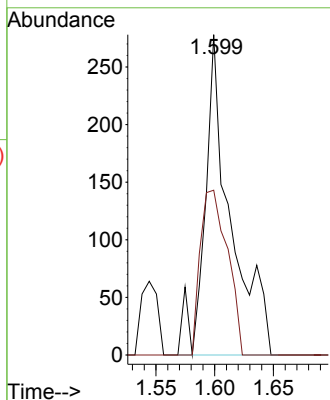
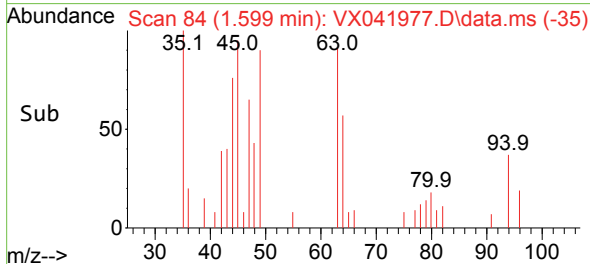


#5
Bromomethane
Concen: 0.633 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041977.D
Acq: 21 Jun 2024 13:37

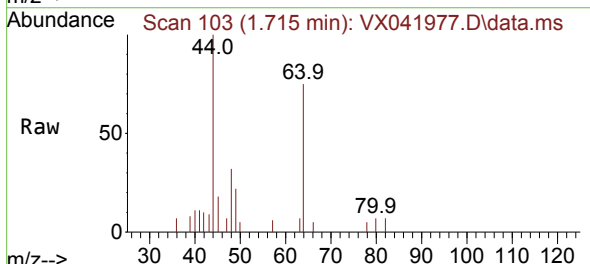
Instrument :
MSVOA_X
ClientSampleId :



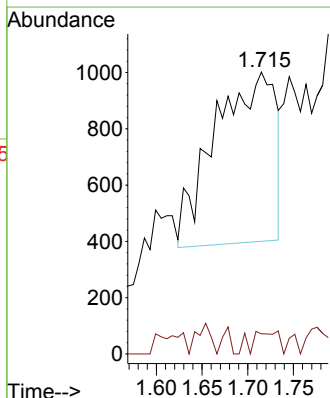
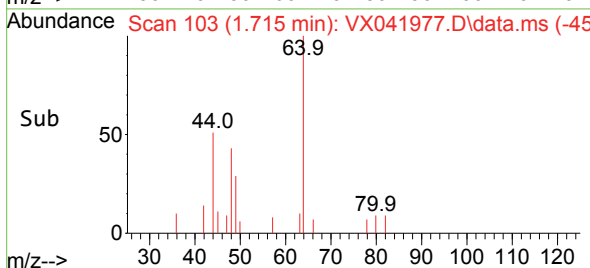
Tgt Ion: 94 Resp: 423
Ion Ratio Lower Upper
94 100
96 51.4 74.6 111.8#

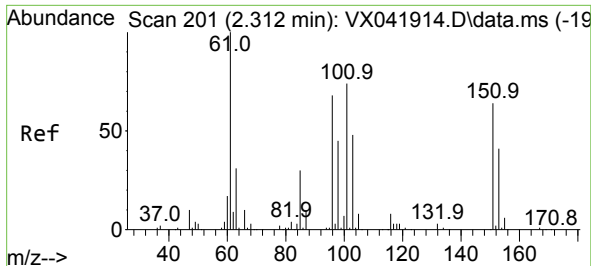


#6
Chloroethane
Concen: 2.012 ug/l
RT: 1.715 min Scan# 103
Delta R.T. 0.055 min
Lab File: VX041977.D
Acq: 21 Jun 2024 13:37



Tgt Ion: 64 Resp: 2796
Ion Ratio Lower Upper
64 100
66 2.2 25.1 37.7#

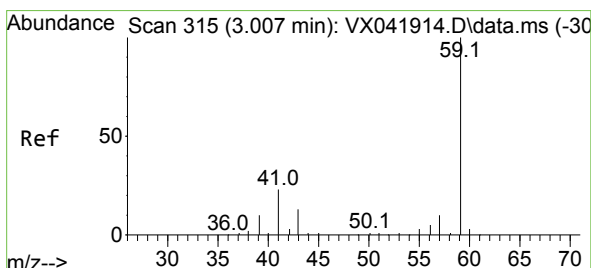
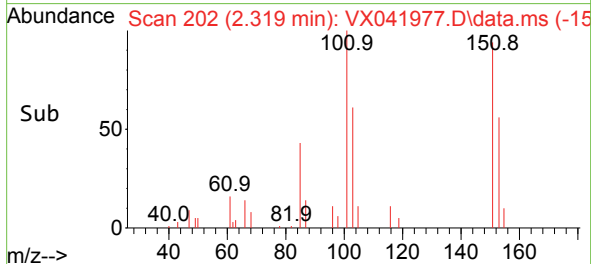
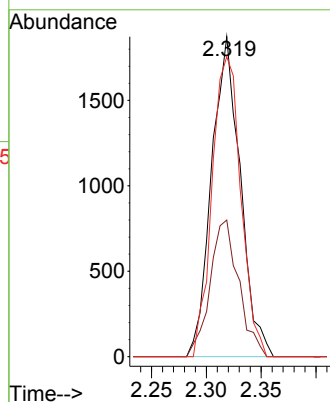
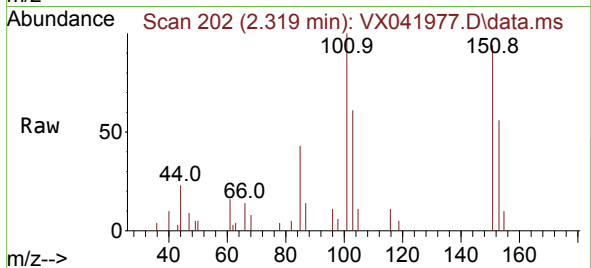




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.790 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX041977.D
Acq: 21 Jun 2024 13:37

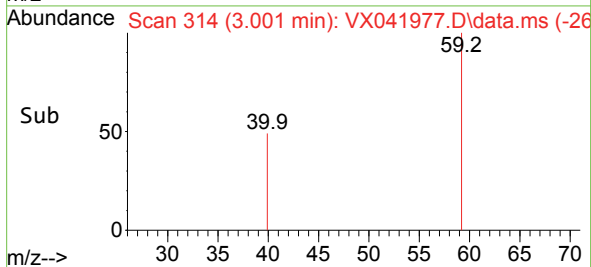
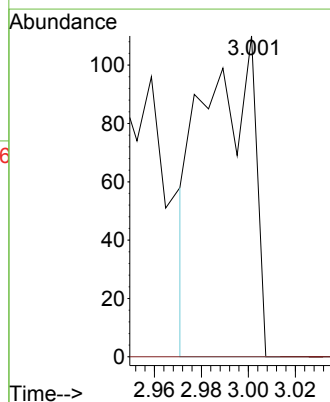
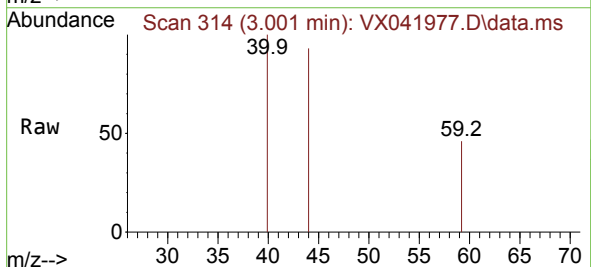
Instrument :
MSVOA_X
ClientSampleId :

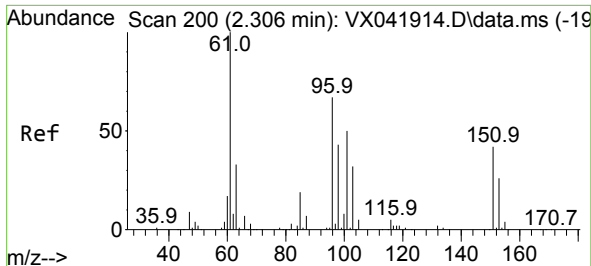
Tgt Ion:101 Resp: 3408
Ion Ratio Lower Upper
101 100
85 42.6 37.0 55.6
151 94.1 58.6 87.8#



#11
Tert butyl alcohol
Concen: 0.537 ug/l
RT: 3.001 min Scan# 314
Delta R.T. -0.006 min
Lab File: VX041977.D
Acq: 21 Jun 2024 13:37

Tgt Ion: 59 Resp: 166
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#12

1,1-Dichloroethene

Concen: 0.493 ug/l

RT: 2.306 min Scan# 20

Delta R.T. -0.000 min

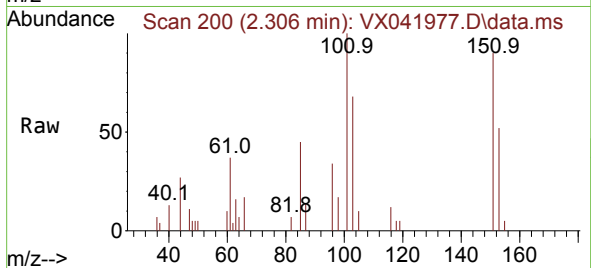
Lab File: VX041977.D

Acq: 21 Jun 2024 13:37

Instrument :

MSVOA_X

ClientSampleId :



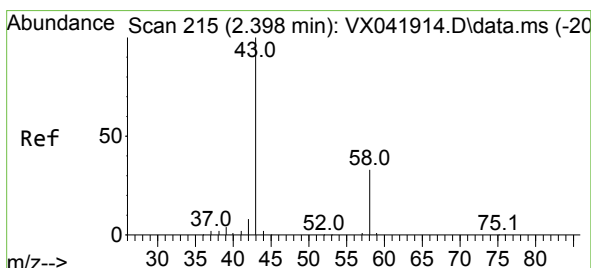
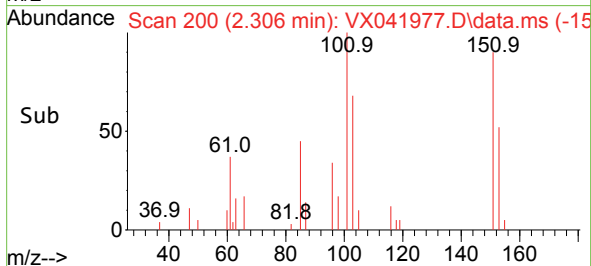
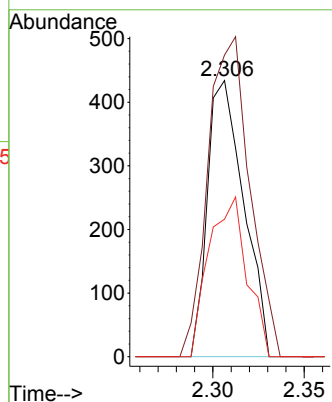
Tgt Ion: 96 Resp: 601

Ion Ratio Lower Upper

96 100

61 109.2 144.6 216.8#

98 49.8 50.4 75.6#



#16

Acetone

Concen: 2.627 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX041977.D

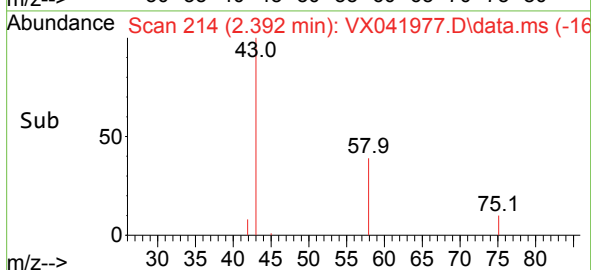
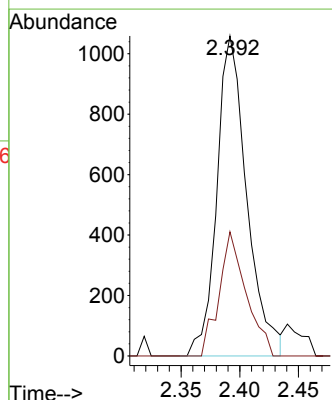
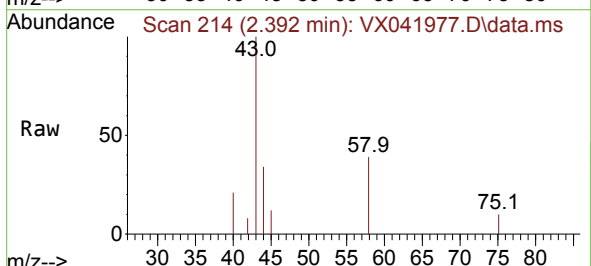
Acq: 21 Jun 2024 13:37

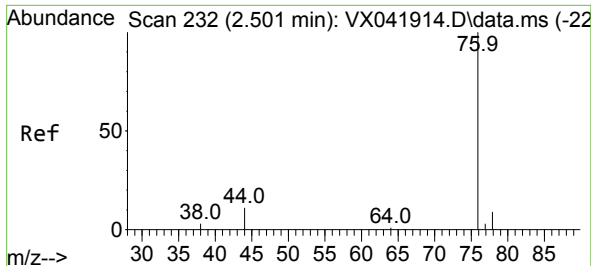
Tgt Ion: 43 Resp: 1879

Ion Ratio Lower Upper

43 100

58 38.8 21.9 32.9#





#17

Carbon Disulfide

Concen: 0.258 ug/l

RT: 2.501 min Scan# 21

Delta R.T. -0.000 min

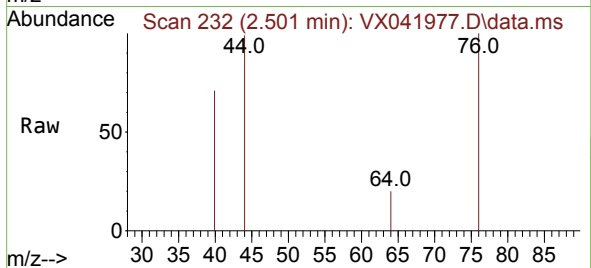
Lab File: VX041977.D

Acq: 21 Jun 2024 13:37

Instrument :

MSVOA_X

ClientSampleId :

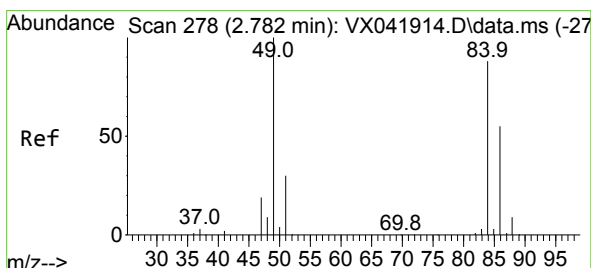
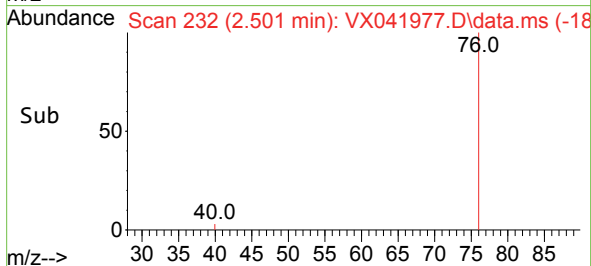
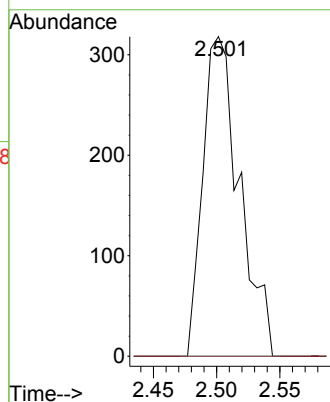


Tgt Ion: 76 Resp: 642

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#20

Methylene Chloride

Concen: 0.886 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.000 min

Lab File: VX041977.D

Acq: 21 Jun 2024 13:37

Tgt Ion: 84 Resp: 1387

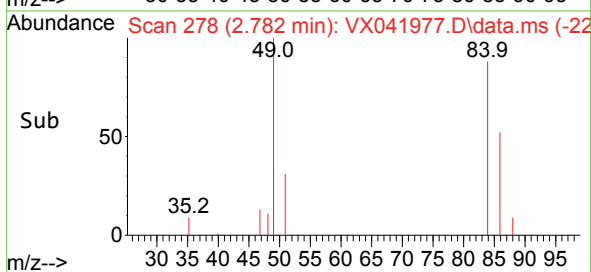
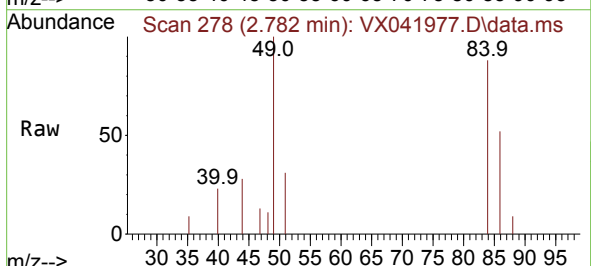
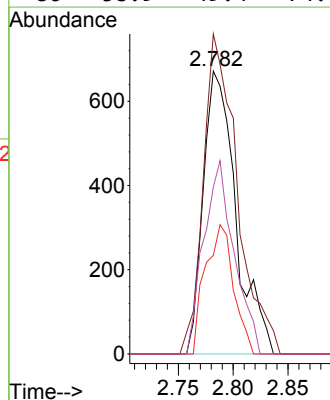
Ion Ratio Lower Upper

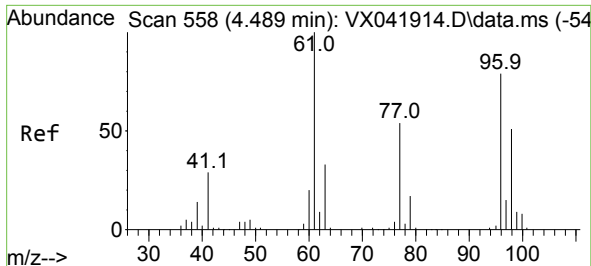
84 100

49 113.1 103.6 155.4

51 34.8 33.8 50.6

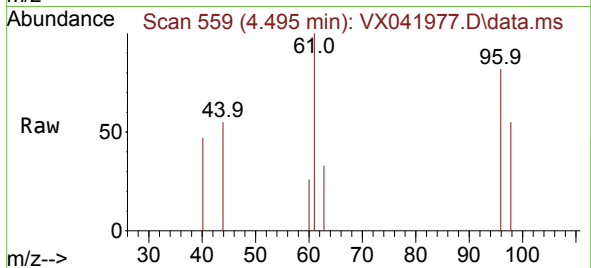
86 58.9 49.4 74.0



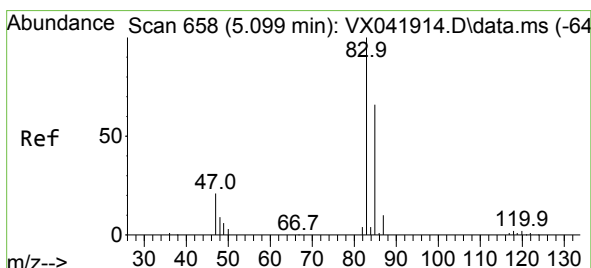
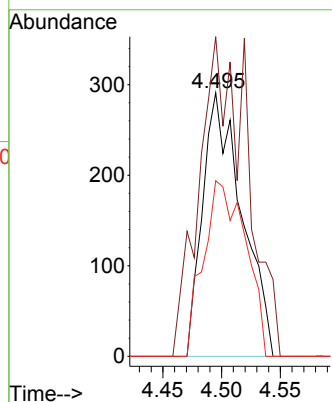
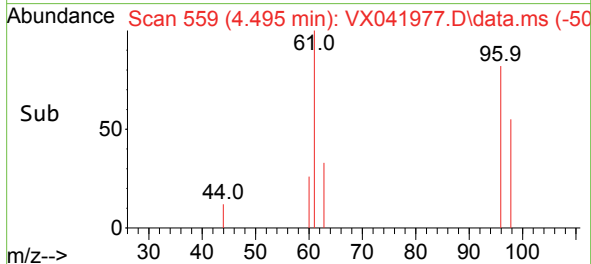


#27
cis-1,2-Dichloroethene
Concen: 0.436 ug/l
RT: 4.495 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX041977.D
Acq: 21 Jun 2024 13:37

Instrument :
MSVOA_X
ClientSampleId :

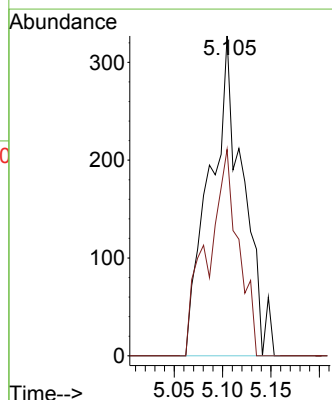
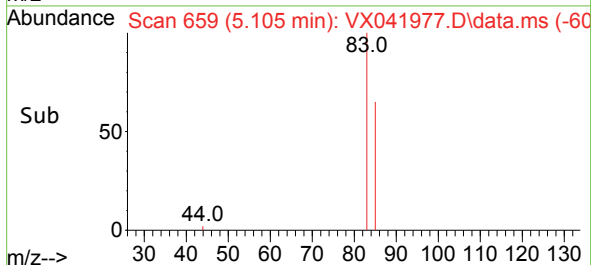
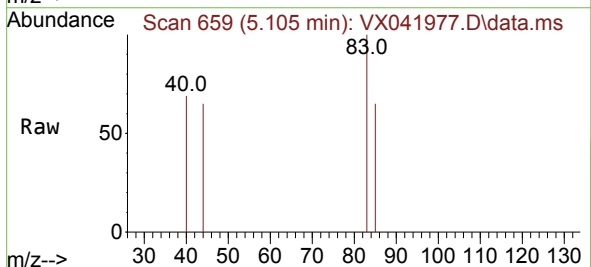


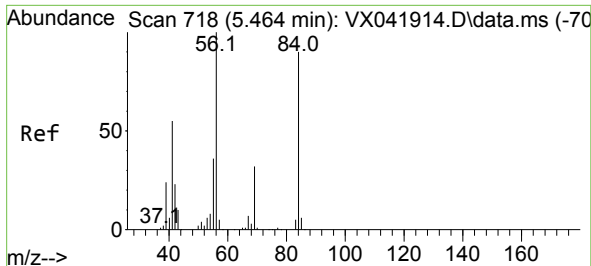
Tgt Ion: 96 Resp: 675
Ion Ratio Lower Upper
96 100
61 148.0 0.0 312.2
98 71.6 0.0 129.0



#30
Chloroform
Concen: 0.328 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.006 min
Lab File: VX041977.D
Acq: 21 Jun 2024 13:37

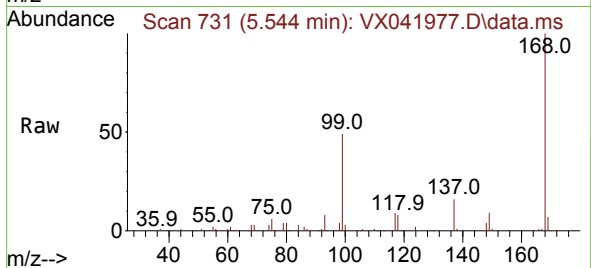
Tgt Ion: 83 Resp: 781
Ion Ratio Lower Upper
83 100
85 64.5 50.3 75.5



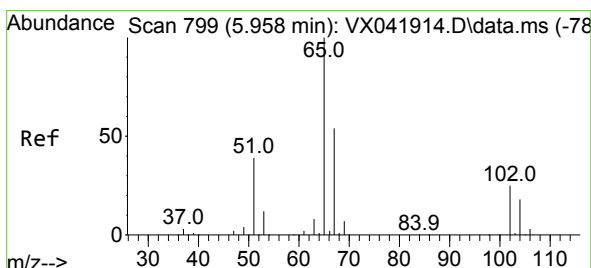
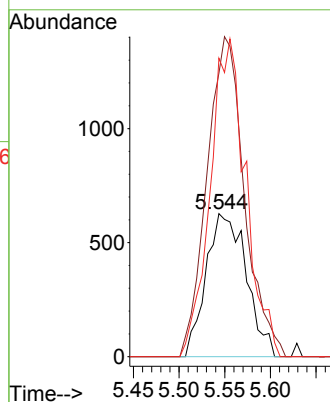
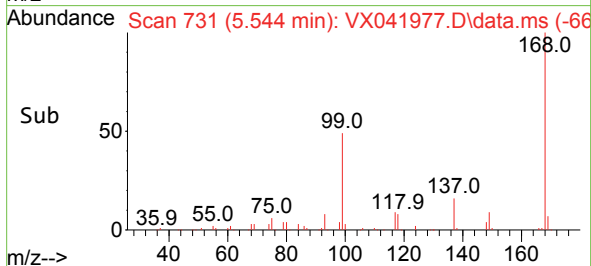


#31
Cyclohexane
Concen: 1.006 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX041977.D
Acq: 21 Jun 2024 13:37

Instrument :
MSVOA_X
ClientSampleId :

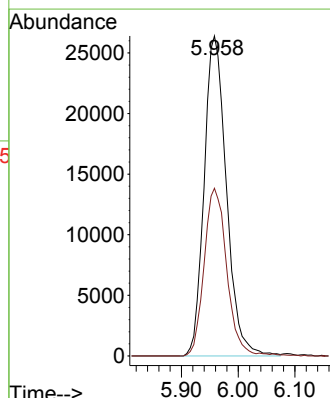
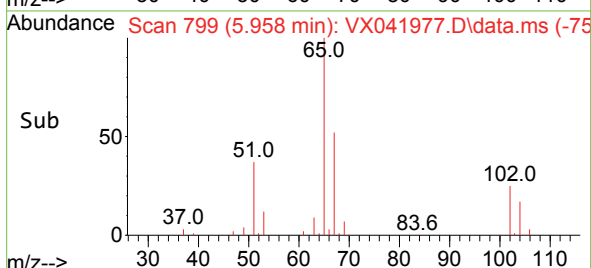
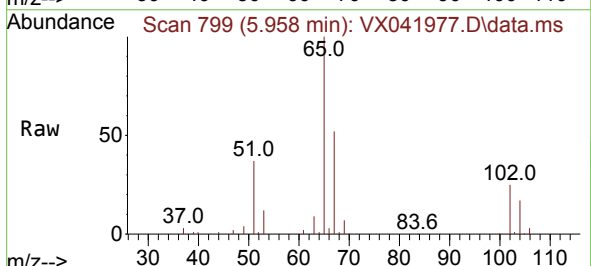


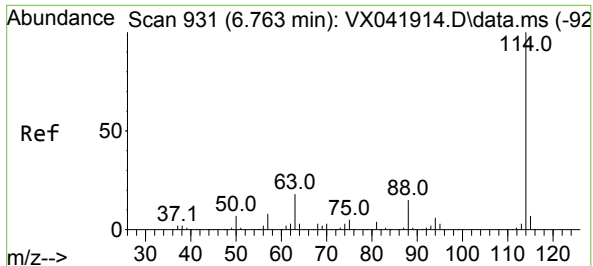
Tgt Ion: 56 Resp: 1916
Ion Ratio Lower Upper
56 100
69 198.2 23.4 35.2#
84 208.6 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 44.164 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX041977.D
Acq: 21 Jun 2024 13:37

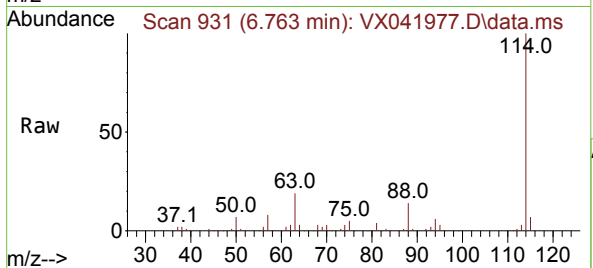
Tgt Ion: 65 Resp: 71944
Ion Ratio Lower Upper
65 100
67 53.4 0.0 100.2



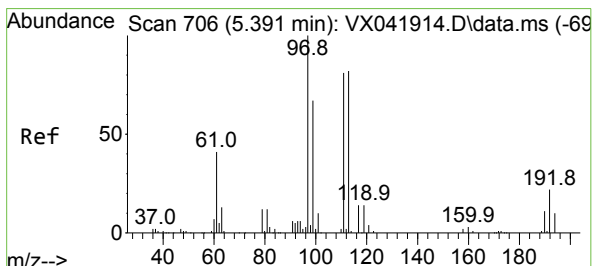
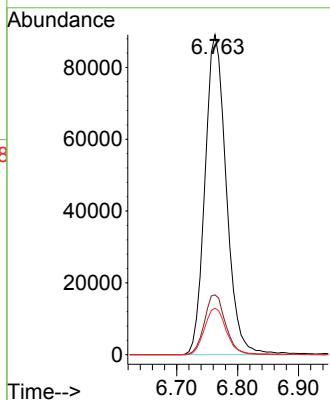
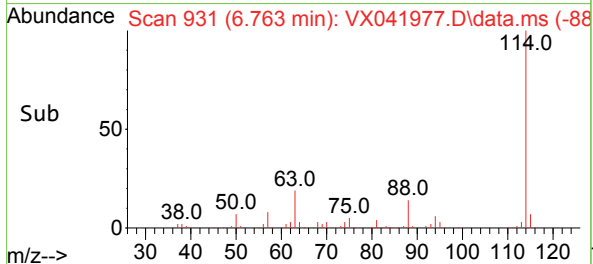


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX041977.D
Acq: 21 Jun 2024 13:37

Instrument :
MSVOA_X
ClientSampleId :

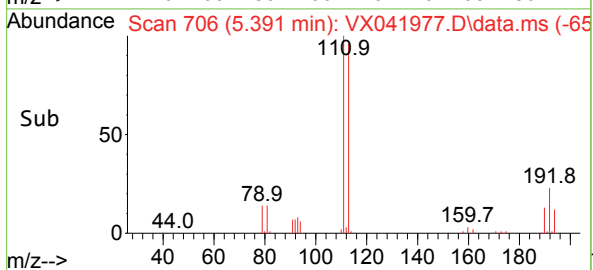
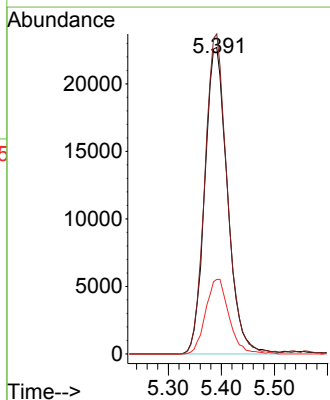
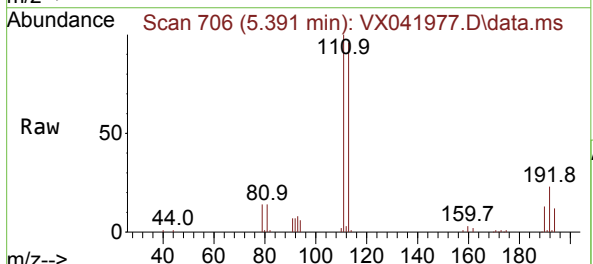


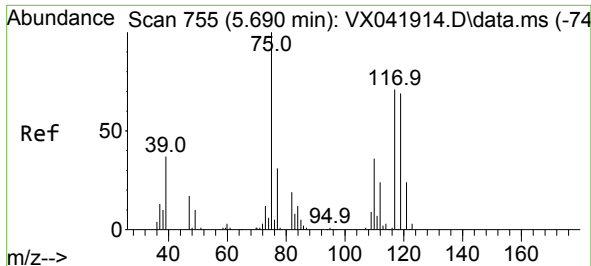
Tgt Ion:114 Resp: 216068
Ion Ratio Lower Upper
114 100
63 18.7 0.0 45.0
88 14.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.077 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX041977.D
Acq: 21 Jun 2024 13:37

Tgt Ion:113 Resp: 67575
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 24.9 13.3 19.9#

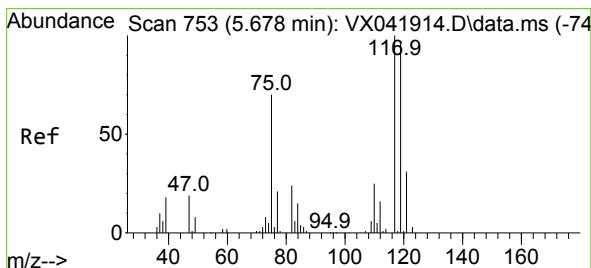
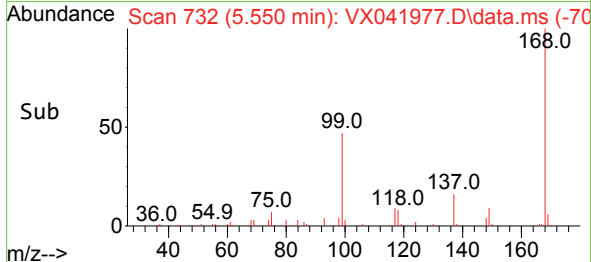
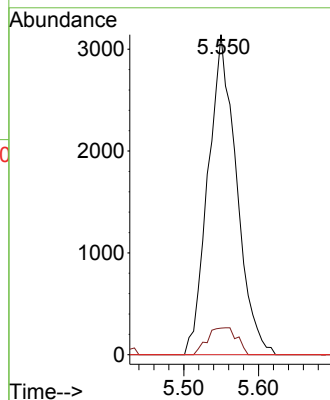
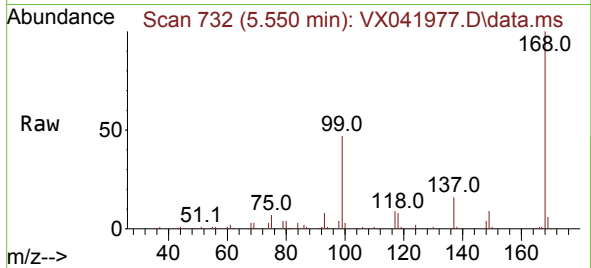




#36
1,1-Dichloropropene
Concen: 5.104 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX041977.D
Acq: 21 Jun 2024 13:37

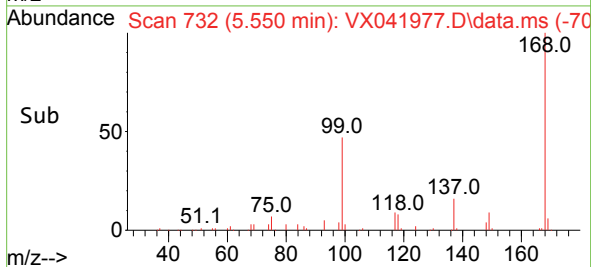
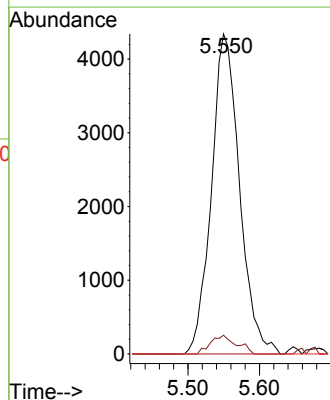
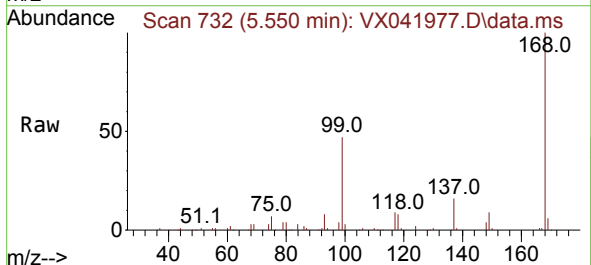
Instrument :
MSVOA_X
ClientSampleId :

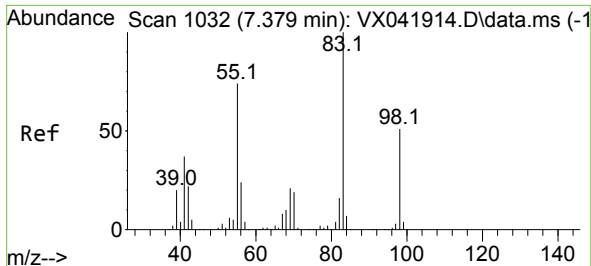
Tgt Ion: 75 Resp: 8310
Ion Ratio Lower Upper
75 100
110 8.7 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.583 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX041977.D
Acq: 21 Jun 2024 13:37

Tgt Ion: 117 Resp: 11841
Ion Ratio Lower Upper
117 100
119 5.9 78.2 117.2#
121 0.0 24.4 36.6#





#39

Methylcyclohexane

Concen: 0.336 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.250 min

Lab File: VX041977.D

Acq: 21 Jun 2024 13:37

Instrument :

MSVOA_X

ClientSampleId :

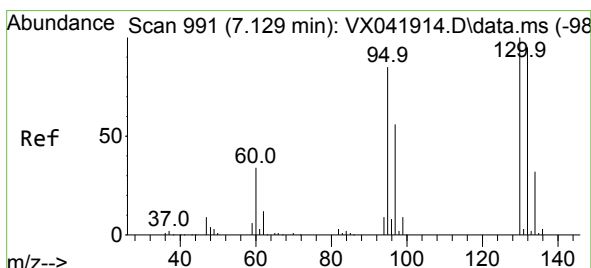
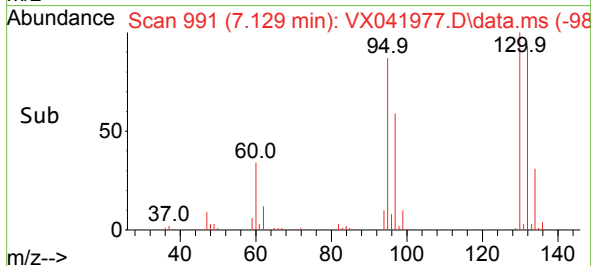
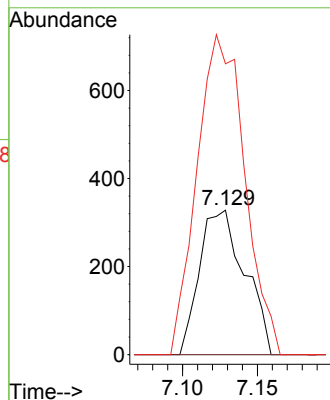
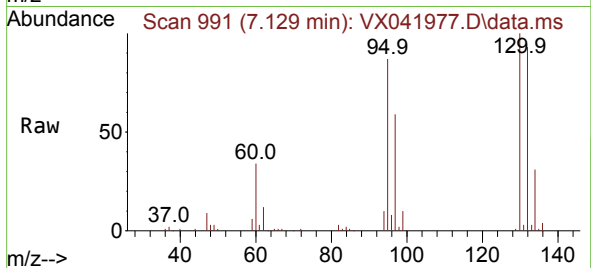
Tgt Ion: 83 Resp: 691

Ion Ratio Lower Upper

83 100

55 0.0 64.6 97.0#

98 201.5 36.7 55.1#



#44

Trichloroethene

Concen: 48.804 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX041977.D

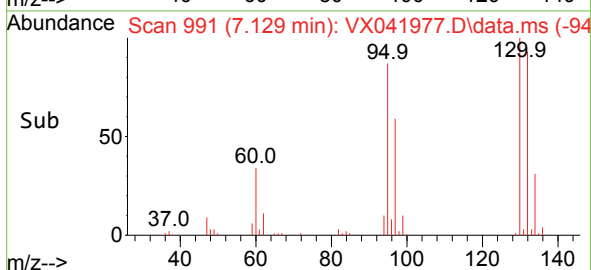
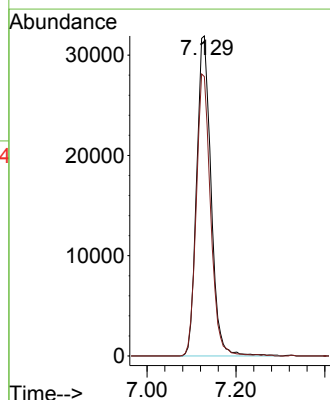
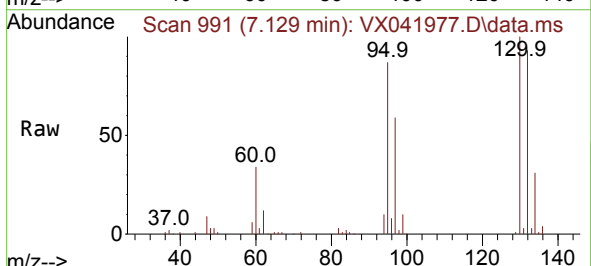
Acq: 21 Jun 2024 13:37

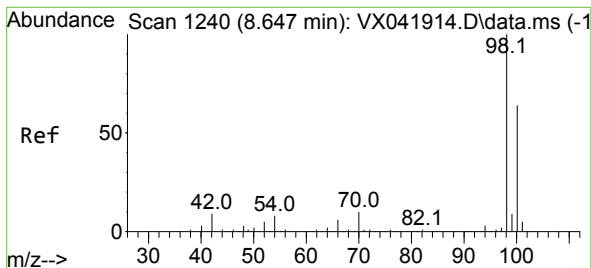
Tgt Ion:130 Resp: 71829

Ion Ratio Lower Upper

130 100

95 87.3 0.0 204.4





#50

Toluene-d8

Concen: 47.246 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX041977.D

Acq: 21 Jun 2024 13:37

Instrument :

MSVOA_X

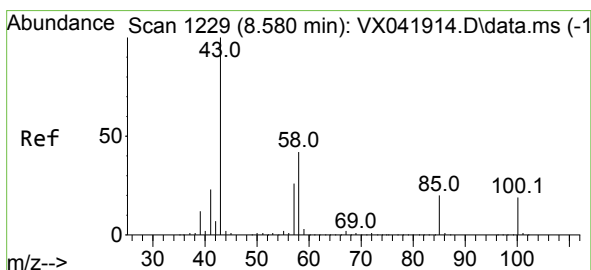
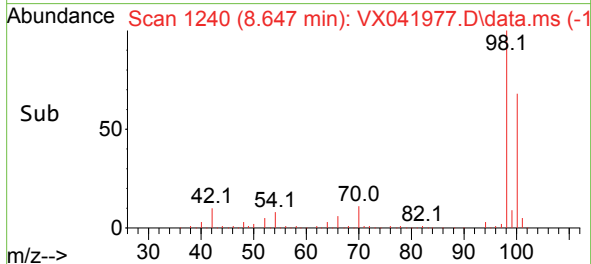
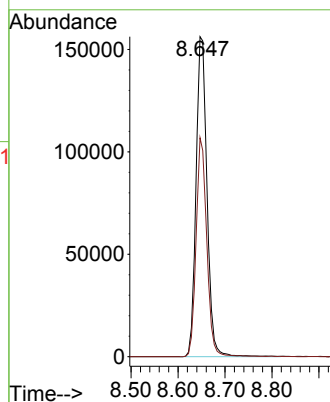
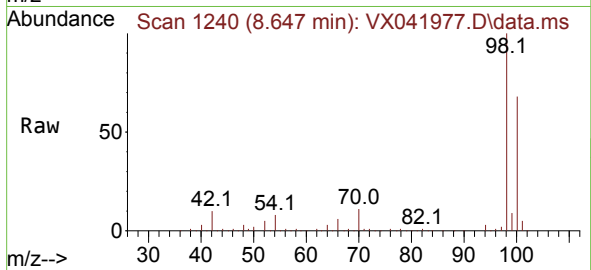
ClientSampleId :

Tgt Ion: 98 Resp: 254465

Ion Ratio Lower Upper

98 100

100 66.6 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 0.441 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.067 min

Lab File: VX041977.D

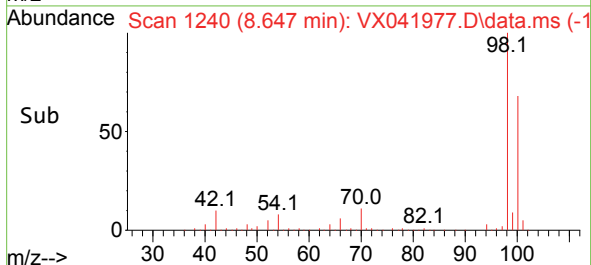
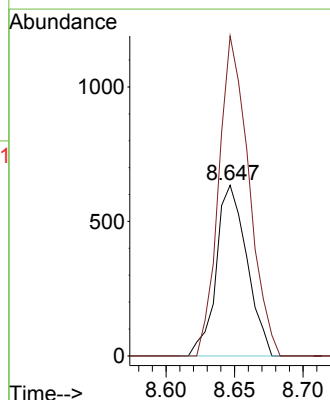
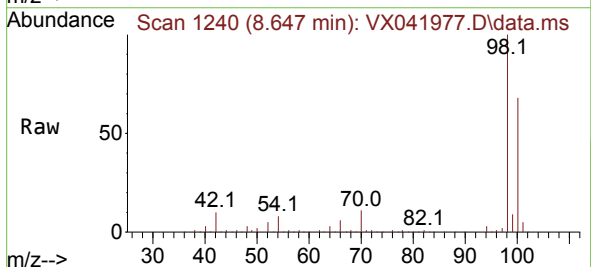
Acq: 21 Jun 2024 13:37

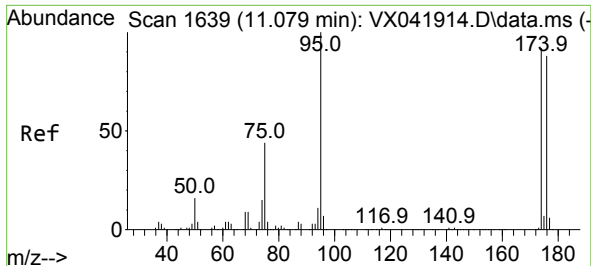
Tgt Ion: 43 Resp: 989

Ion Ratio Lower Upper

43 100

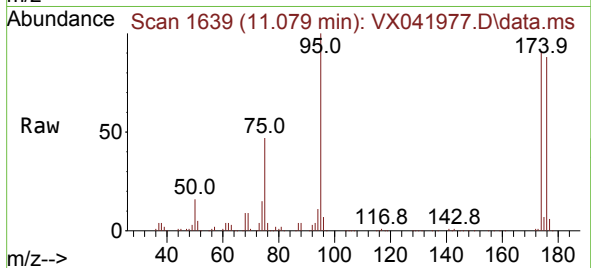
58 183.9 30.4 45.6#



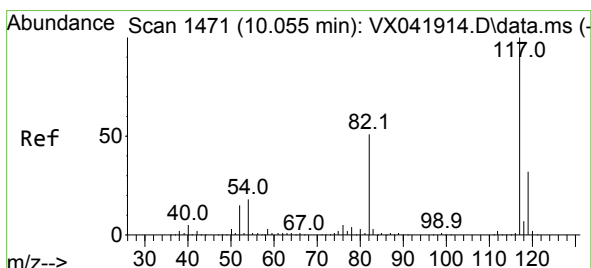
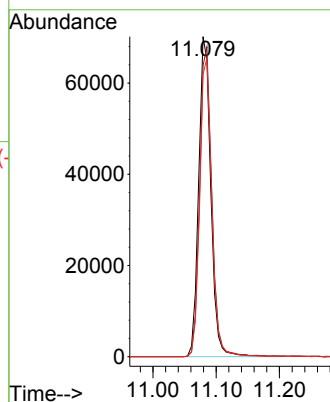
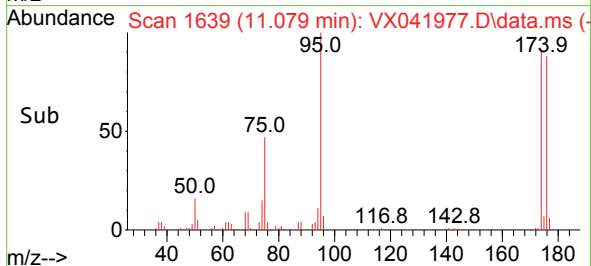


#62
4-Bromofluorobenzene
Concen: 47.291 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041977.D
Acq: 21 Jun 2024 13:37

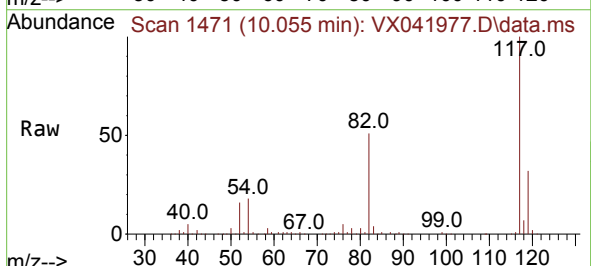
Instrument :
MSVOA_X
ClientSampleId :



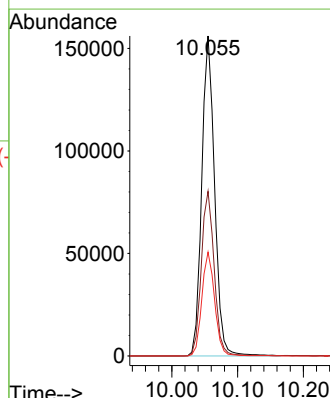
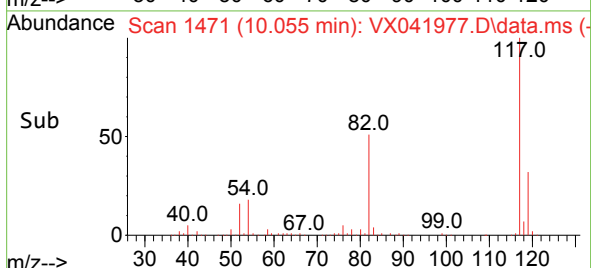
Tgt Ion: 95 Resp: 93890
Ion Ratio Lower Upper
95 100
174 97.1 0.0 135.6
176 92.9 0.0 131.0

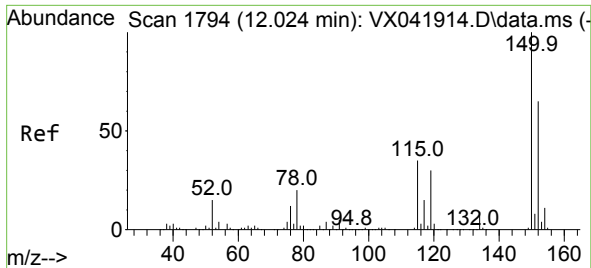


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041977.D
Acq: 21 Jun 2024 13:37



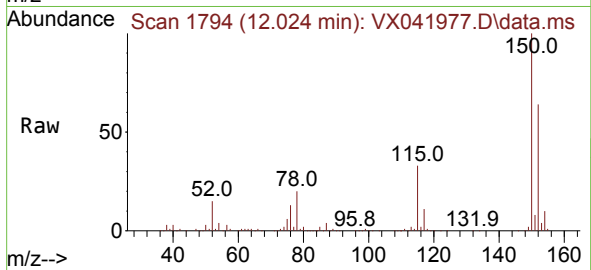
Tgt Ion: 117 Resp: 212276
Ion Ratio Lower Upper
117 100
82 51.5 46.2 69.4
119 32.4 25.5 38.3



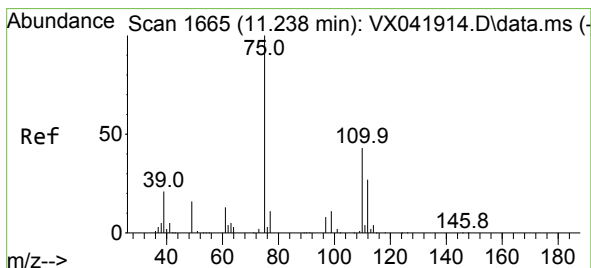
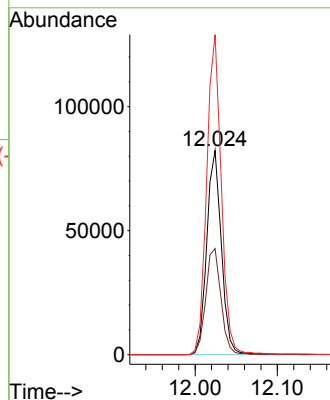
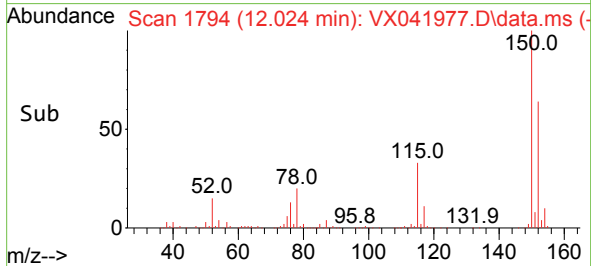


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VX041977.D
 Acq: 21 Jun 2024 13:37

Instrument :
 MSVOA_X
 ClientSampleId :

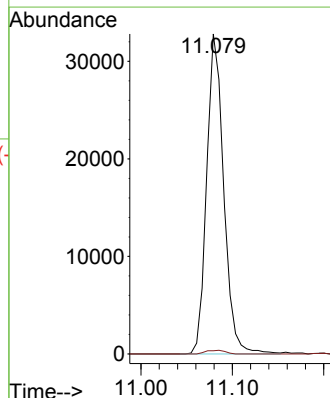
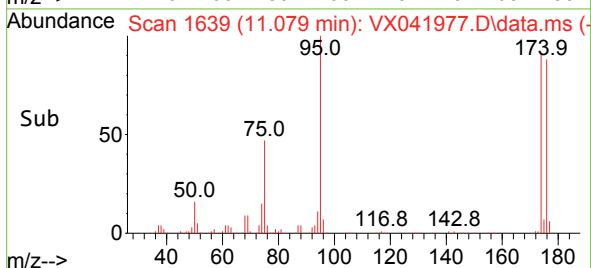
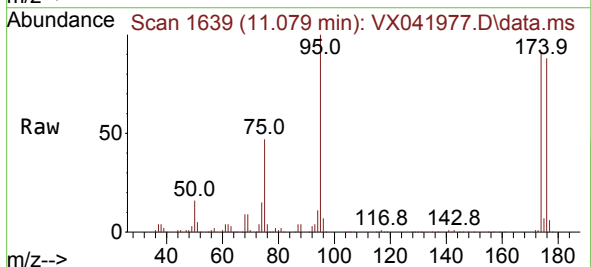


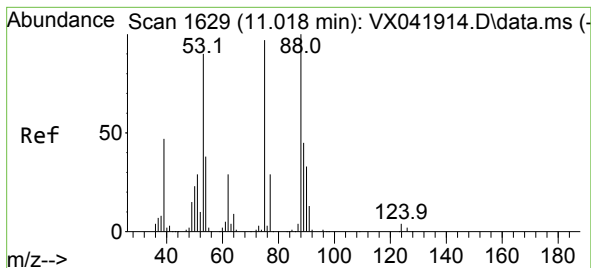
Tgt Ion:152 Resp: 101817
 Ion Ratio Lower Upper
 152 100
 115 54.2 43.3 129.9
 150 157.0 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 22.939 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX041977.D
 Acq: 21 Jun 2024 13:37

Tgt Ion: 75 Resp: 42401
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#

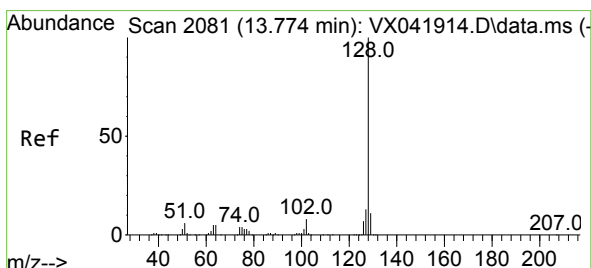
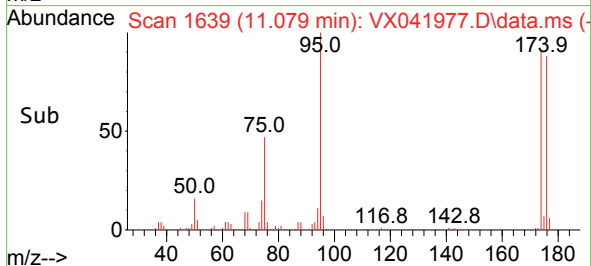
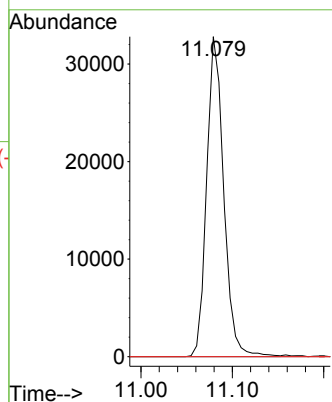
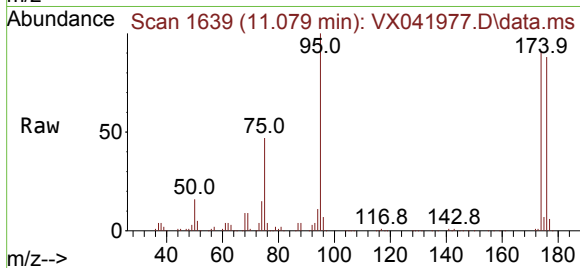




#81
trans-1,4-Dichloro-2-butene
Concen: 65.146 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX041977.D
Acq: 21 Jun 2024 13:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 42401
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 0.822 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.012 min
Lab File: VX041977.D
Acq: 21 Jun 2024 13:37

Tgt Ion:128 Resp: 552
Ion Ratio Lower Upper
128 100
127 11.8 10.3 15.5
129 0.0 8.8 13.2#

