

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050624\
 Data File : VX041372.D
 Acq On : 06 May 2024 12:25
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 07 01:58:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 02:38:17 2024
 Response via : Initial Calibration

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

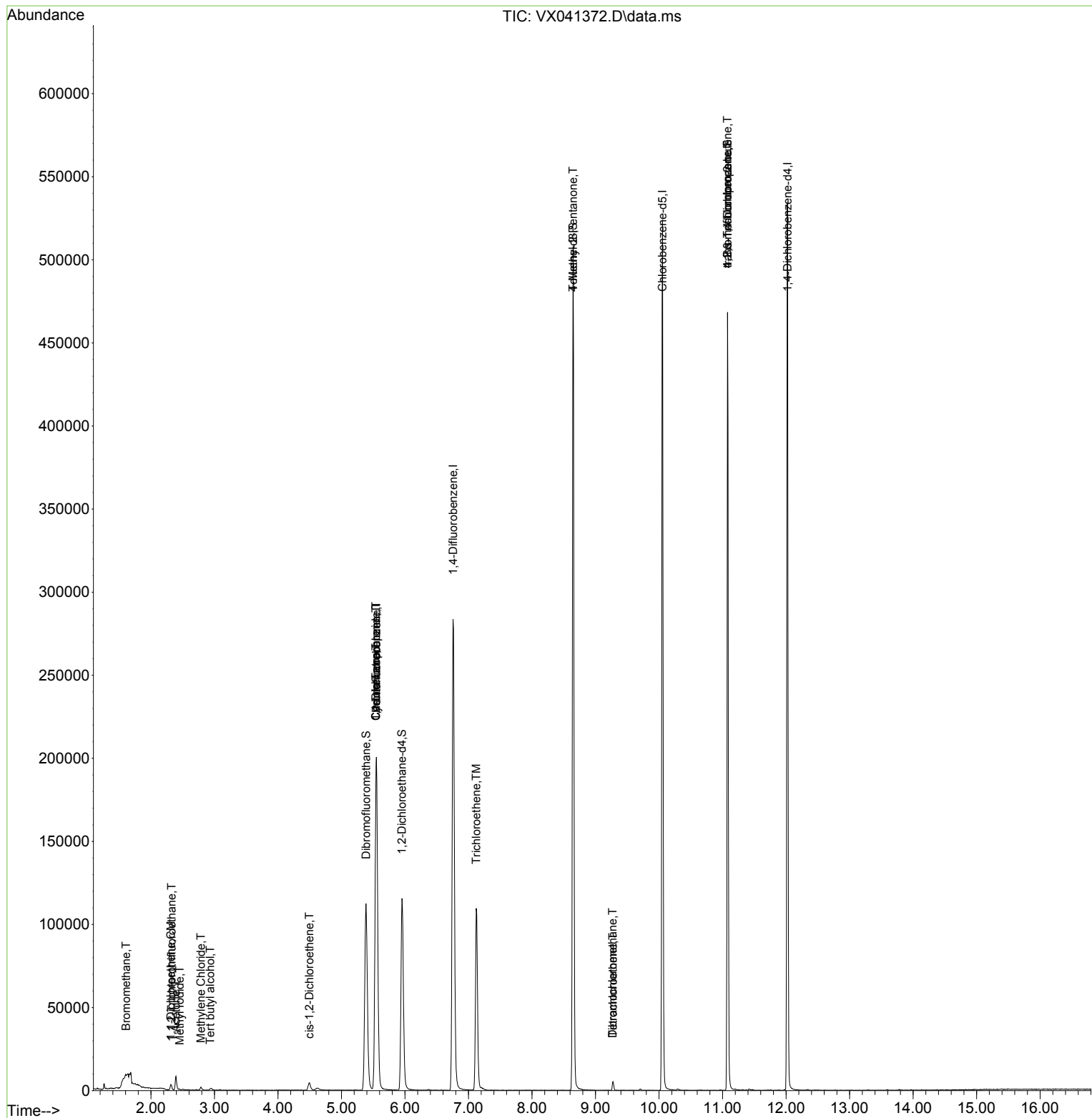
Internal Standards						
1) Pentafluorobenzene	5.550	168	217616	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	310095	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	245289	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	124102	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	115579	48.787	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.580%
35) Dibromofluoromethane	5.385	113	96730	46.031	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.060%
50) Toluene-d8	8.647	98	296959	44.648	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	89.300%#
62) 4-Bromofluorobenzene	11.079	95	111587	43.340	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.680%
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	748	0.676	ug/l	# 64
9) 1,1,2-Trichlorotrifluo...	2.325	101	926	0.542	ug/l	93
10) Methyl Iodide	2.453	142	398	0.216	ug/l	# 55
11) Tert butyl alcohol	2.934	59	354	0.747	ug/l	# 78
12) 1,1-Dichloroethene	2.313	96	416	0.247	ug/l	83
16) Acetone	2.392	43	8585	4.386	ug/l	91
20) Methylene Chloride	2.788	84	986	0.479	ug/l	# 80
27) cis-1,2-Dichloroethene	4.495	96	3058	1.370	ug/l	84
31) Cyclohexane	5.544	56	3648	1.276	ug/l	# 1
36) 1,1-Dichloropropene	5.544	75	13202	5.254	ug/l	# 51
38) Carbon Tetrachloride	5.544	117	18890	6.562	ug/l	# 15
44) Trichloroethene	7.123	130	47171	23.061	ug/l	87
51) 4-Methyl-2-Pentanone	8.647	43	1299	0.459	ug/l	# 1
60) Dibromochloromethane	9.269	129	935	0.435	ug/l	# 11
64) Tetrachloroethene	9.275	164	1079	0.607	ug/l	87
76) 1,2,3-Trichloropropane	11.079	75	57857	28.607	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	57857	77.922	ug/l	# 5

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

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Quant Title : SW846 8260
QLast Update : Wed May 01 02:38:17 2024
Response via : Initial Calibration





#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.000 min

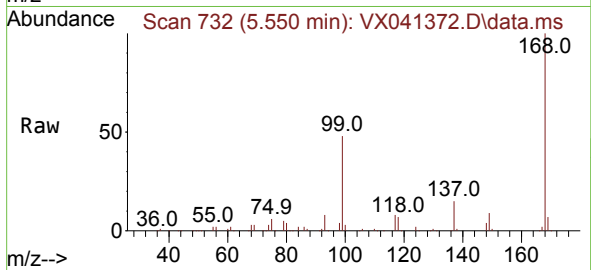
Lab File: VX041372.D

Acq: 06 May 2024 12:25

Instrument :

MSVOA_X

ClientSampleId :

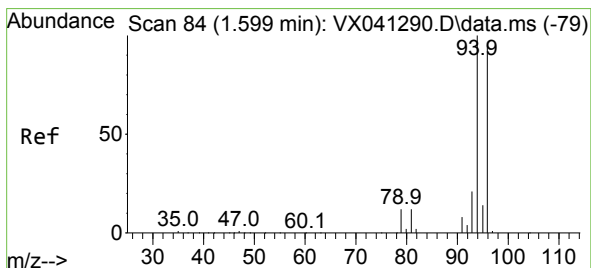
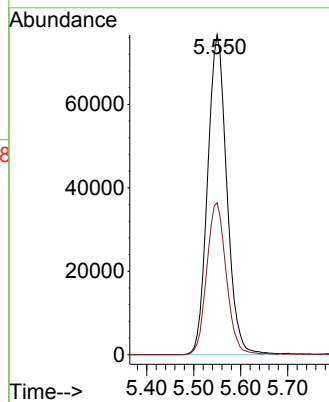
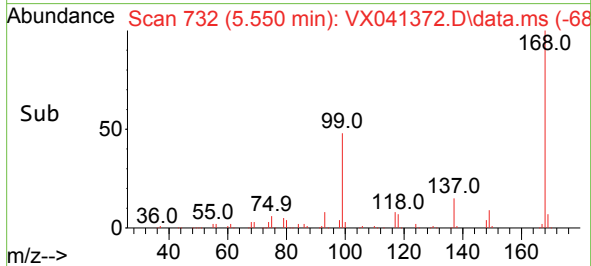


Tgt Ion:168 Resp: 217616

Ion Ratio Lower Upper

168 100

99 47.5 56.6 85.0#



#5

Bromomethane

Concen: 0.676 ug/l

RT: 1.605 min Scan# 85

Delta R.T. 0.006 min

Lab File: VX041372.D

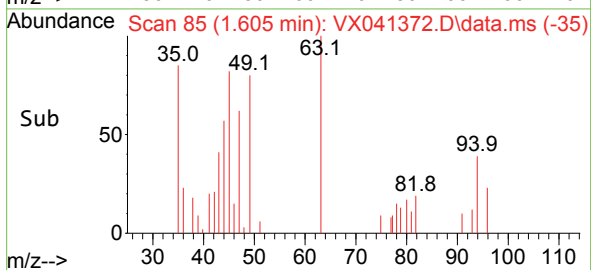
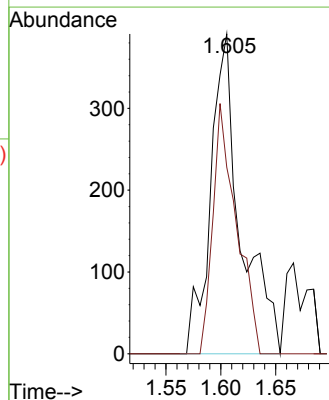
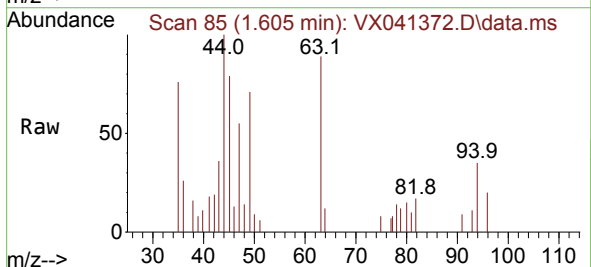
Acq: 06 May 2024 12:25

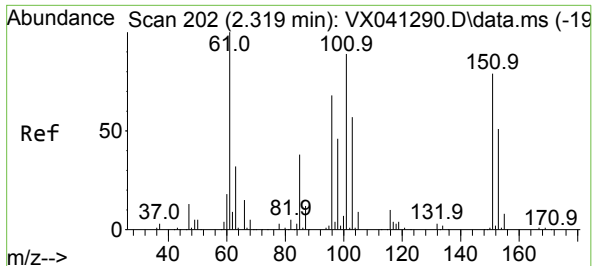
Tgt Ion: 94 Resp: 748

Ion Ratio Lower Upper

94 100

96 58.3 74.6 111.8#

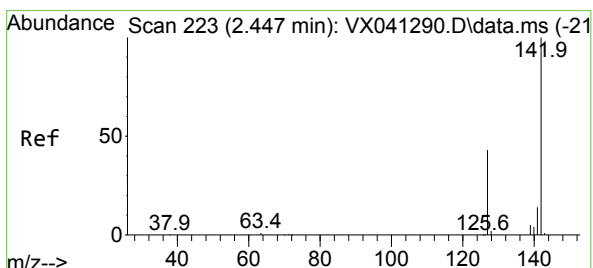
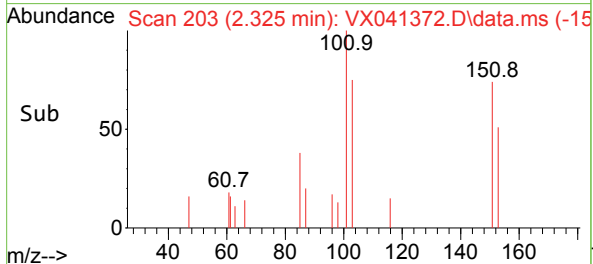
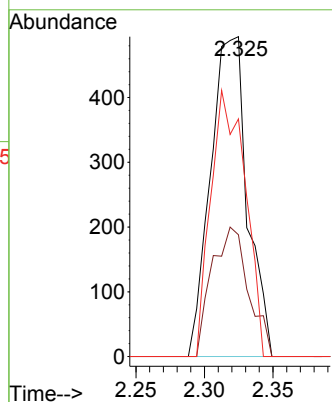
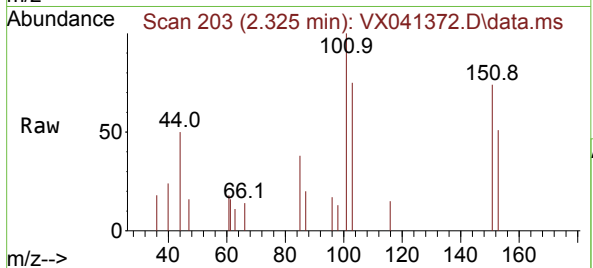




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.542 ug/l
RT: 2.325 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX041372.D
Acq: 06 May 2024 12:25

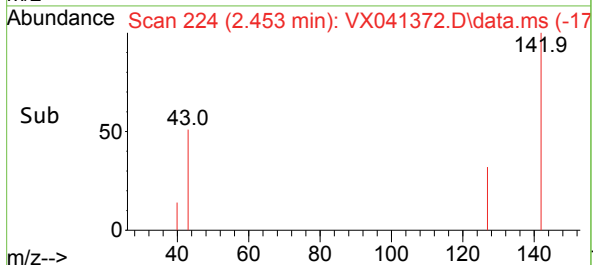
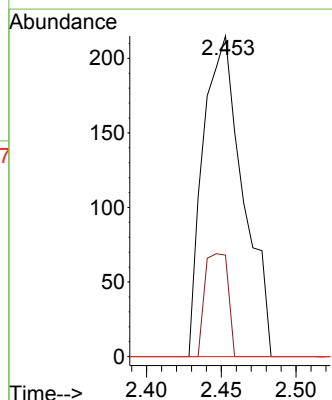
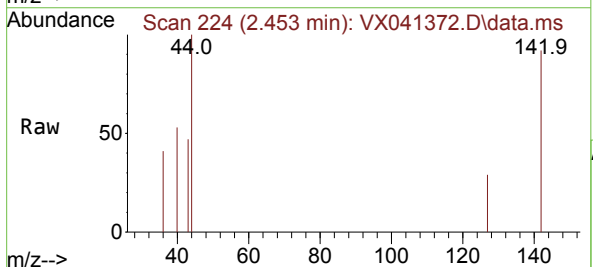
Instrument :
MSVOA_X
ClientSampleId :

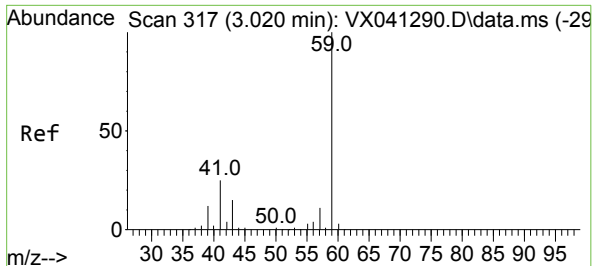
Tgt Ion:101 Resp: 926
Ion Ratio Lower Upper
101 100
85 40.2 37.0 55.6
151 77.6 58.6 87.8



#10
Methyl Iodide
Concen: 0.216 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.006 min
Lab File: VX041372.D
Acq: 06 May 2024 12:25

Tgt Ion:142 Resp: 398
Ion Ratio Lower Upper
142 100
127 18.6 41.6 62.4#
141 0.0 11.6 17.4#





#11

Tert butyl alcohol

Concen: 0.747 ug/l

RT: 2.934 min Scan# 30

Delta R.T. -0.085 min

Lab File: VX041372.D

Acq: 06 May 2024 12:25

Instrument :

MSVOA_X

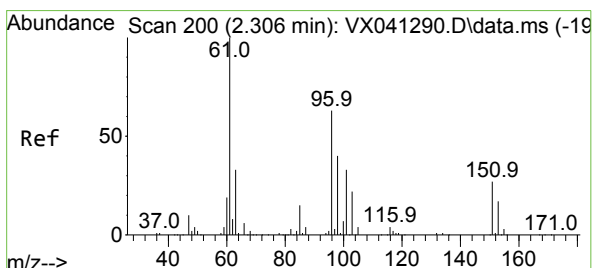
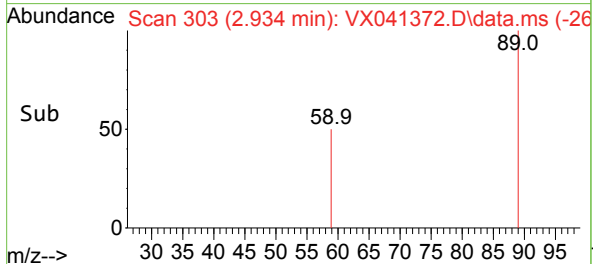
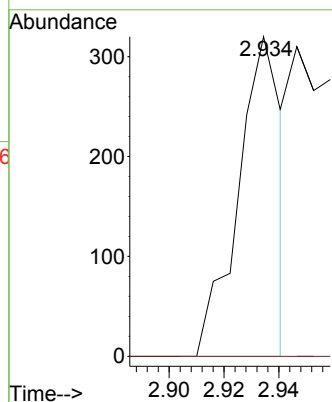
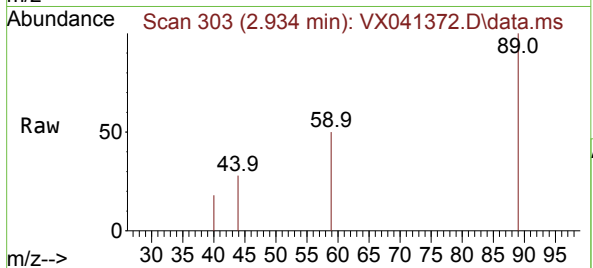
ClientSampleId :

Tgt Ion: 59 Resp: 354

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 0.247 ug/l

RT: 2.313 min Scan# 201

Delta R.T. 0.006 min

Lab File: VX041372.D

Acq: 06 May 2024 12:25

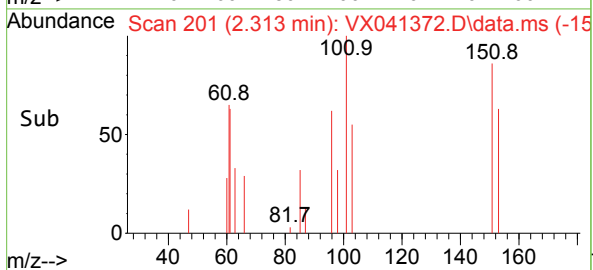
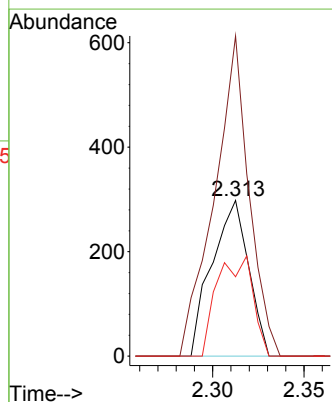
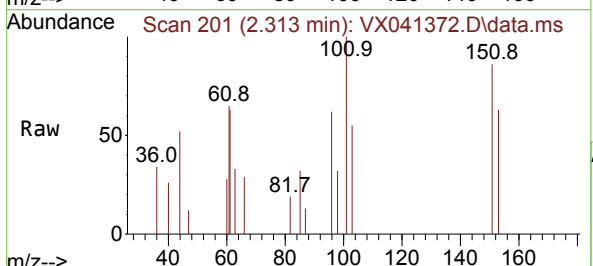
Tgt Ion: 96 Resp: 416

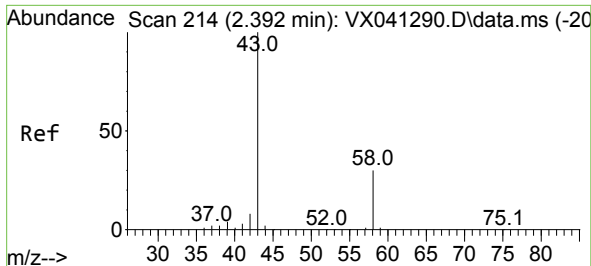
Ion Ratio Lower Upper

96 100

61 205.7 144.6 216.8

98 51.0 50.4 75.6





#16

Acetone

Concen: 4.386 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX041372.D

Acq: 06 May 2024 12:25

Instrument :

MSVOA_X

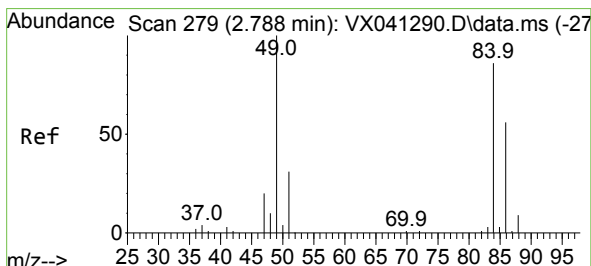
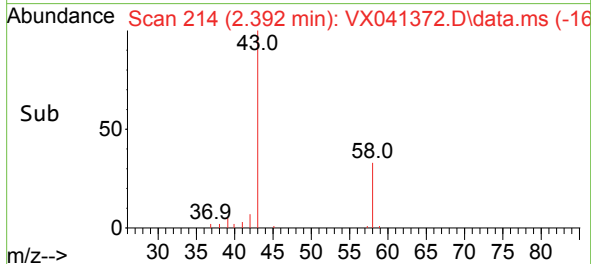
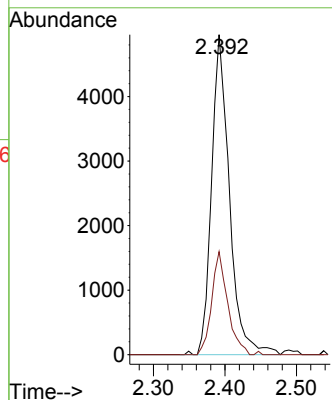
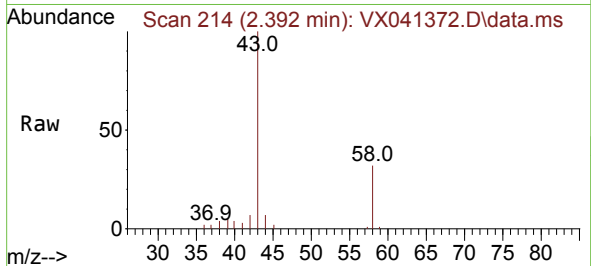
ClientSampleId :

Tgt Ion: 43 Resp: 8585

Ion Ratio Lower Upper

43 100

58 32.2 21.9 32.9



#20

Methylene Chloride

Concen: 0.479 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX041372.D

Acq: 06 May 2024 12:25

Tgt Ion: 84 Resp: 986

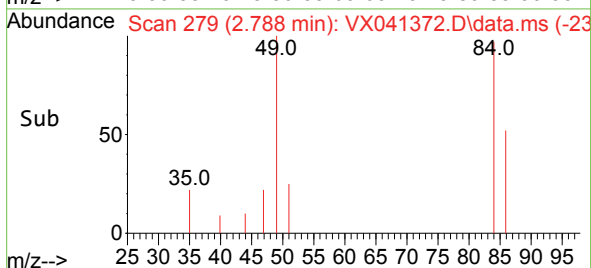
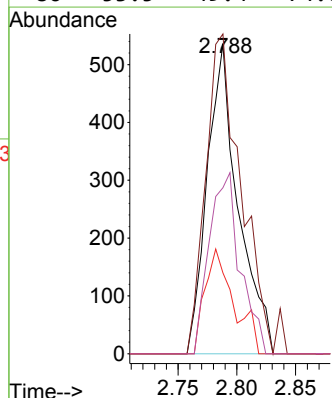
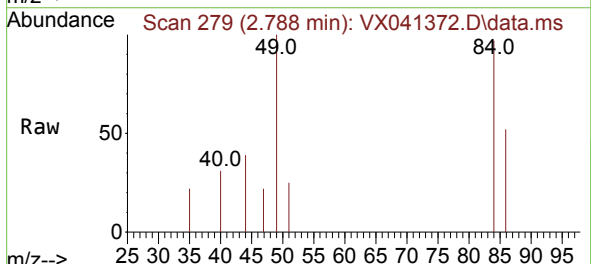
Ion Ratio Lower Upper

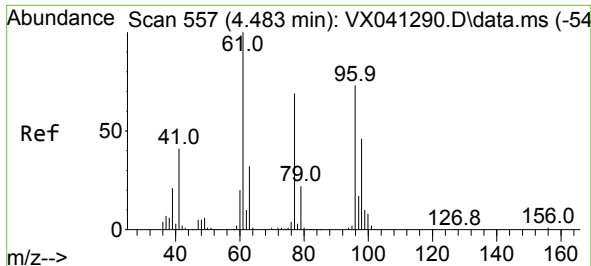
84 100

49 103.2 103.6 155.4#

51 26.1 33.8 50.6#

86 53.5 49.4 74.0





#27

cis-1,2-Dichloroethene

Concen: 1.370 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.012 min

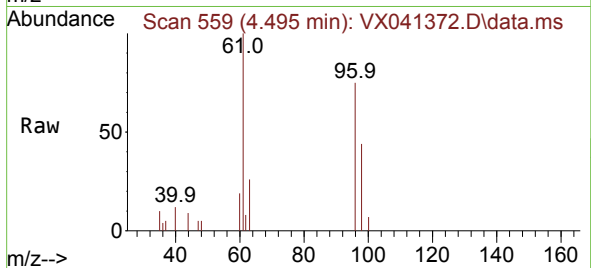
Lab File: VX041372.D

Acq: 06 May 2024 12:25

Instrument :

MSVOA_X

ClientSampleId :



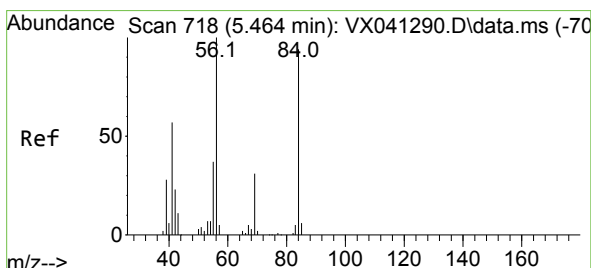
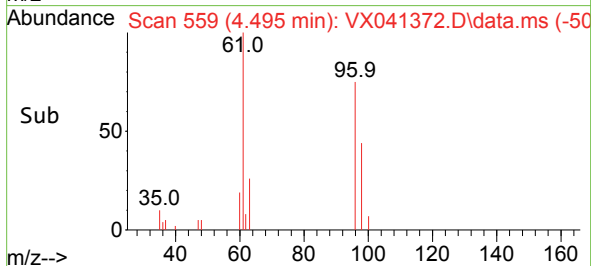
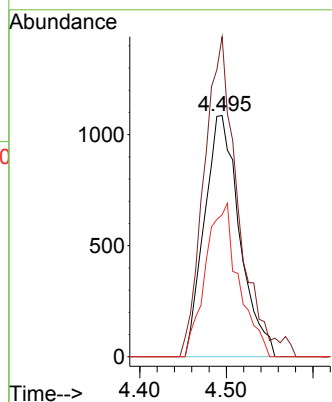
Tgt Ion: 96 Resp: 3058

Ion Ratio Lower Upper

96 100

61 129.1 0.0 312.2

98 60.0 0.0 129.0



#31

Cyclohexane

Concen: 1.276 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.079 min

Lab File: VX041372.D

Acq: 06 May 2024 12:25

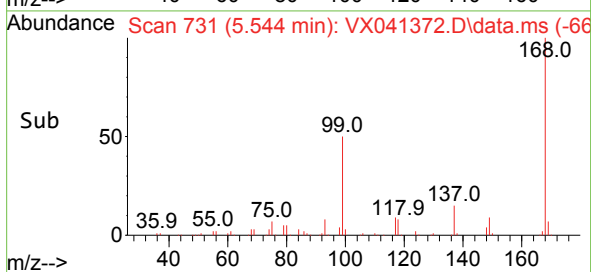
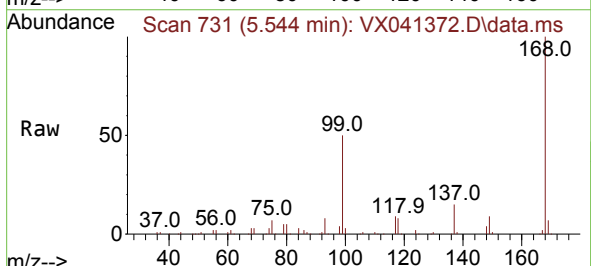
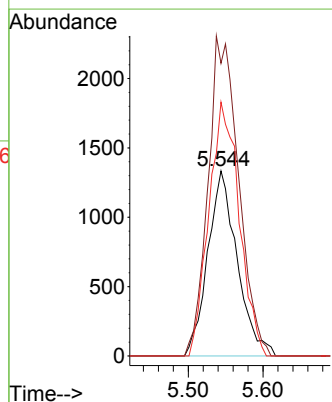
Tgt Ion: 56 Resp: 3648

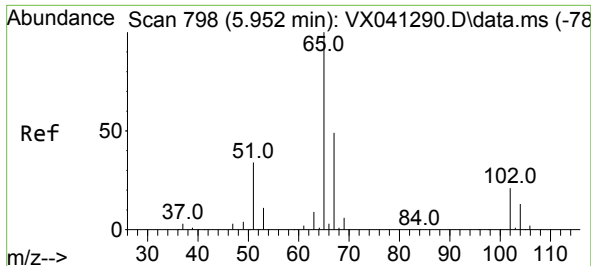
Ion Ratio Lower Upper

56 100

69 158.2 23.4 35.2#

84 137.2 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 48.787 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX041372.D

Acq: 06 May 2024 12:25

Instrument :

MSVOA_X

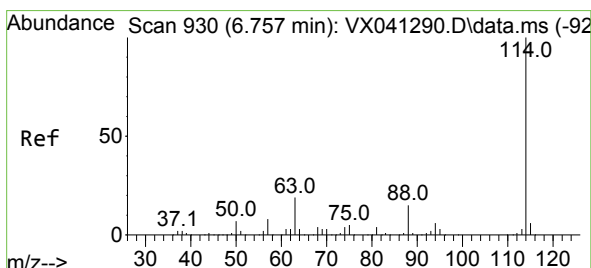
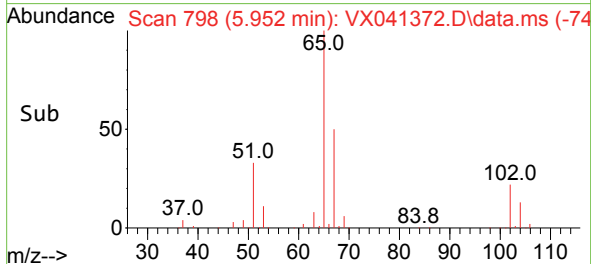
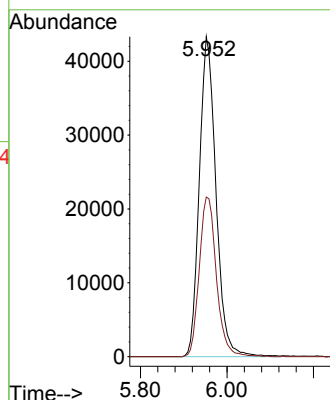
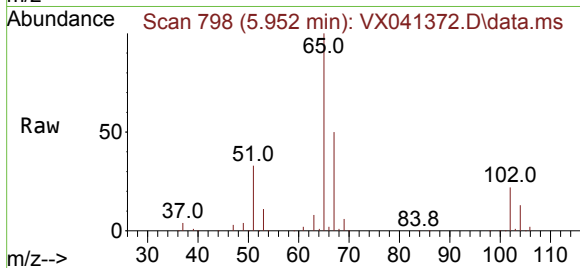
ClientSampleId :

Tgt Ion: 65 Resp: 115579

Ion Ratio Lower Upper

65 100

67 51.4 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX041372.D

Acq: 06 May 2024 12:25

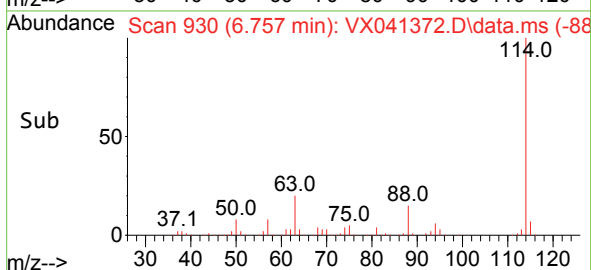
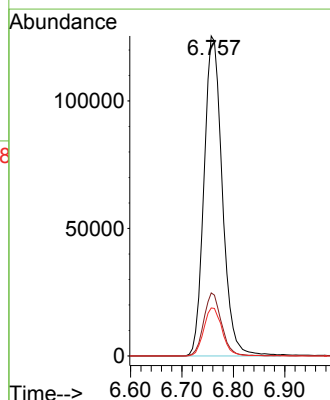
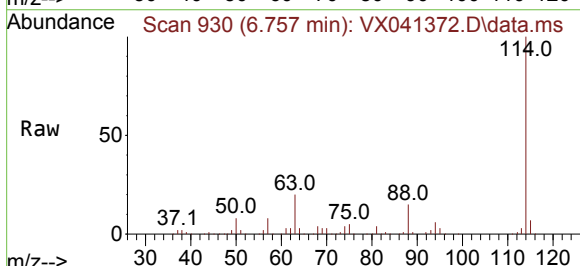
Tgt Ion: 114 Resp: 310095

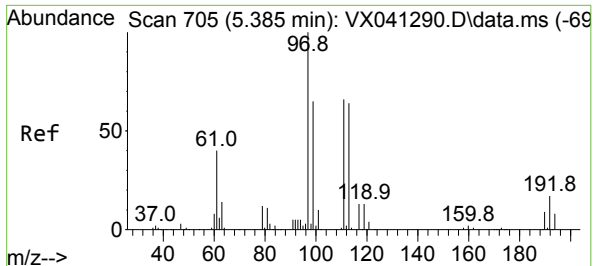
Ion Ratio Lower Upper

114 100

63 19.7 0.0 45.0

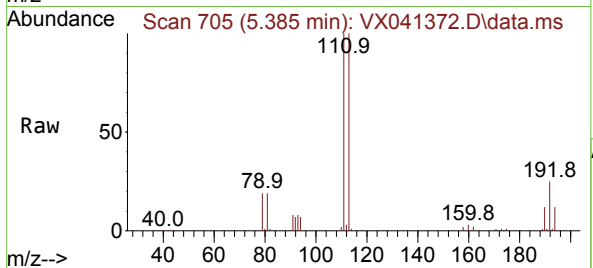
88 15.0 0.0 36.6



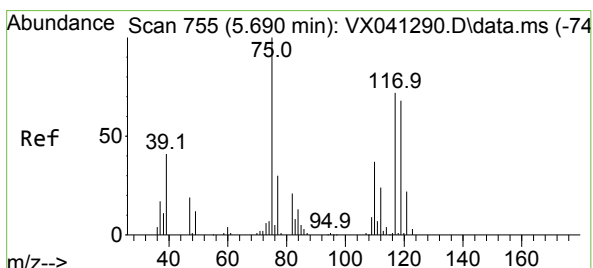
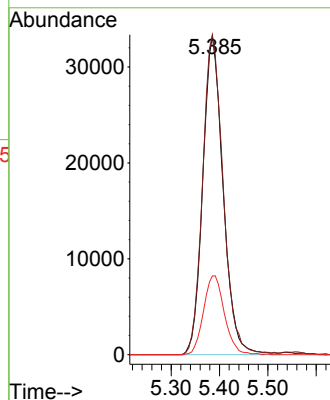
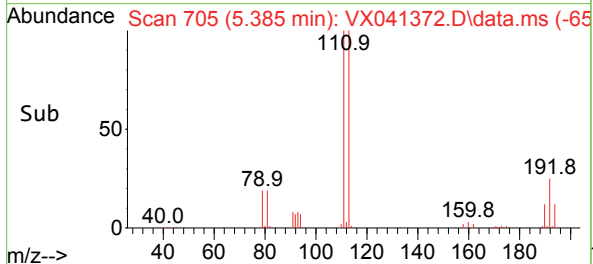


#35
Dibromofluoromethane
Concen: 46.031 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041372.D
Acq: 06 May 2024 12:25

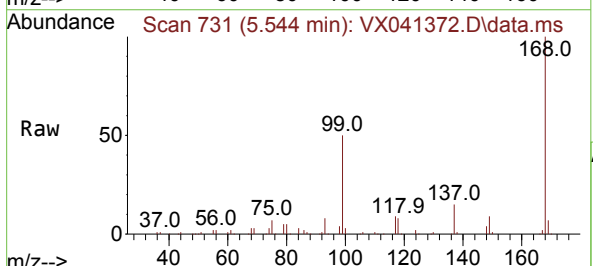
Instrument :
MSVOA_X
ClientSampleId :



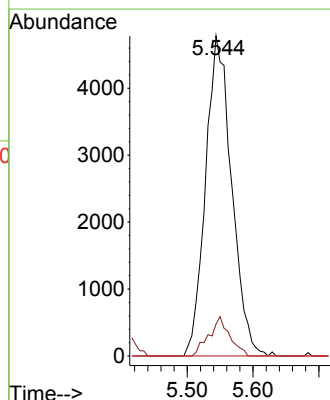
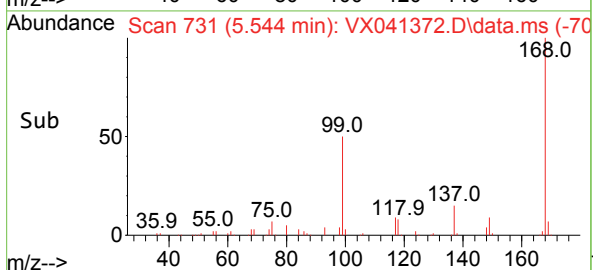
Tgt Ion:113 Resp: 96730
Ion Ratio Lower Upper
113 100
111 101.5 82.9 124.3
192 25.5 13.3 19.9#

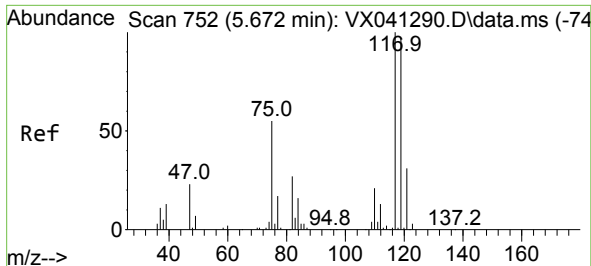


#36
1,1-Dichloropropene
Concen: 5.254 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX041372.D
Acq: 06 May 2024 12:25



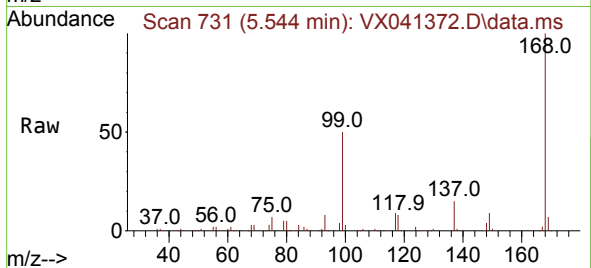
Tgt Ion: 75 Resp: 13202
Ion Ratio Lower Upper
75 100
110 9.8 17.0 50.9#
77 0.0 24.7 37.1#



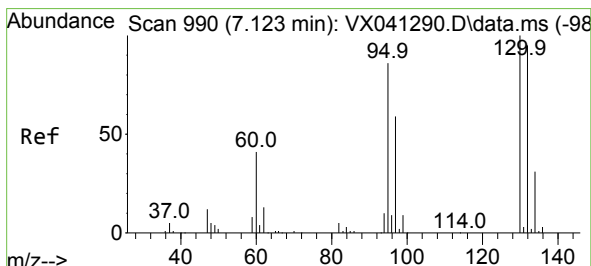
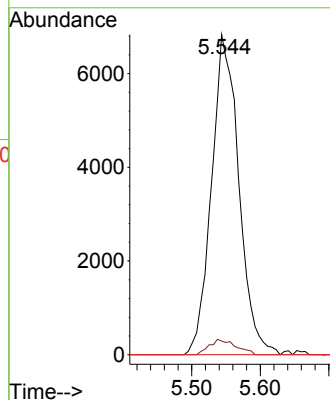
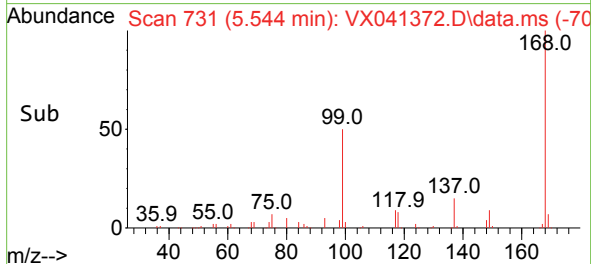


#38
Carbon Tetrachloride
Concen: 6.562 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX041372.D
Acq: 06 May 2024 12:25

Instrument :
MSVOA_X
ClientSampleId :

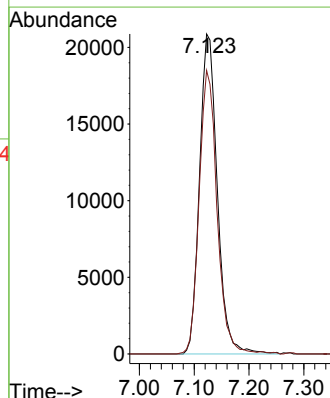
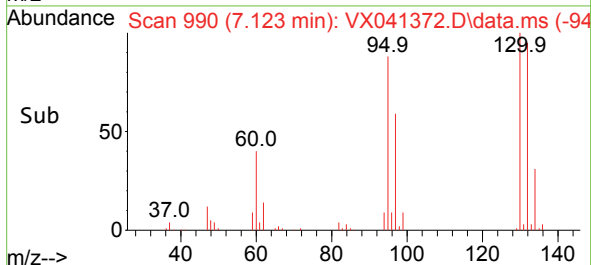
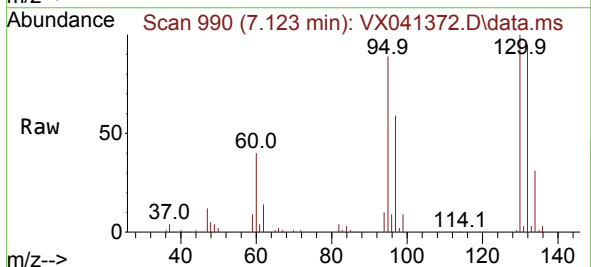


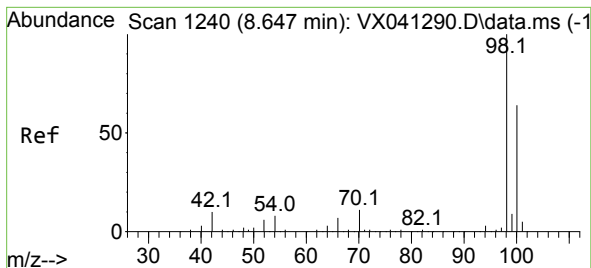
Tgt Ion:117 Resp: 18890
Ion Ratio Lower Upper
117 100
119 4.3 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 23.061 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX041372.D
Acq: 06 May 2024 12:25

Tgt Ion:130 Resp: 47171
Ion Ratio Lower Upper
130 100
95 88.6 0.0 204.4





#50

Toluene-d8

Concen: 44.648 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX041372.D

Acq: 06 May 2024 12:25

Instrument :

MSVOA_X

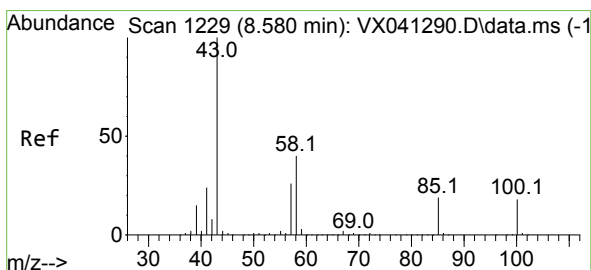
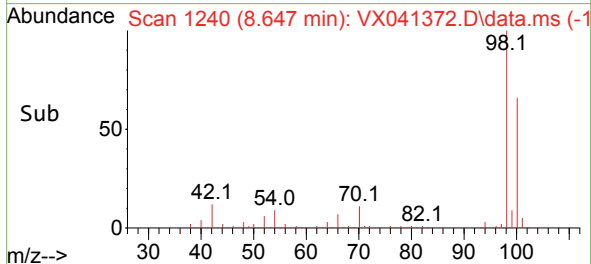
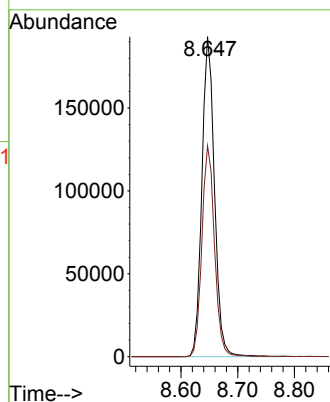
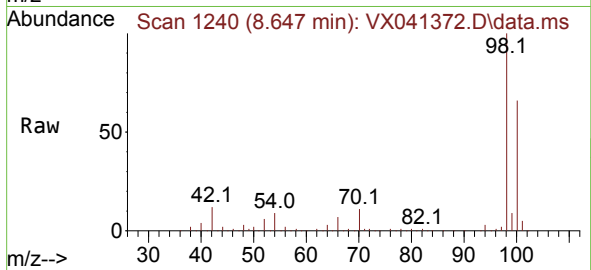
ClientSampleId :

Tgt Ion: 98 Resp: 296959

Ion Ratio Lower Upper

98 100

100 66.3 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 0.459 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.067 min

Lab File: VX041372.D

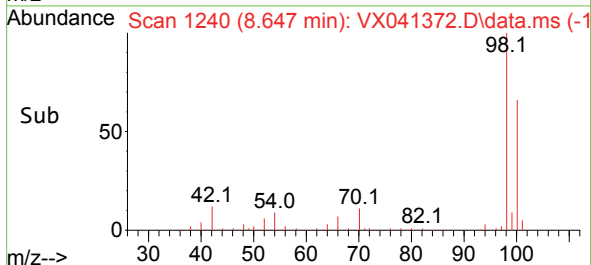
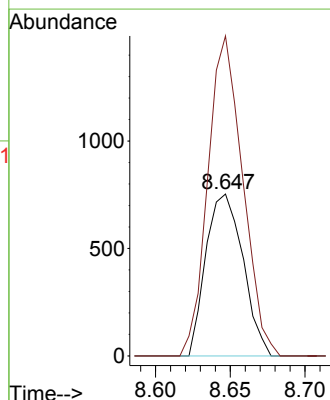
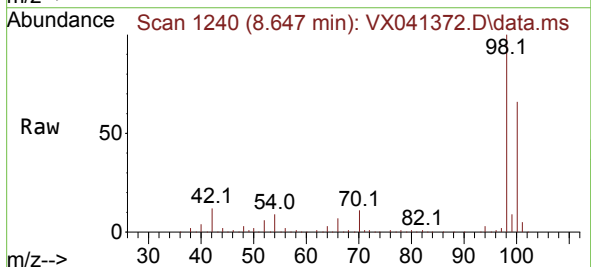
Acq: 06 May 2024 12:25

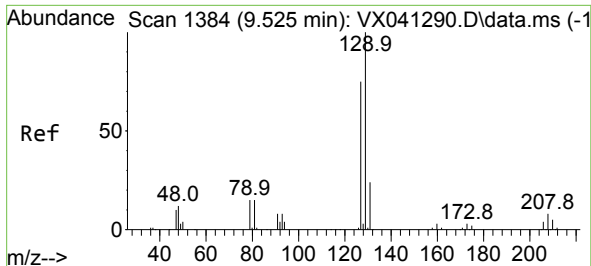
Tgt Ion: 43 Resp: 1299

Ion Ratio Lower Upper

43 100

58 185.6 30.4 45.6#

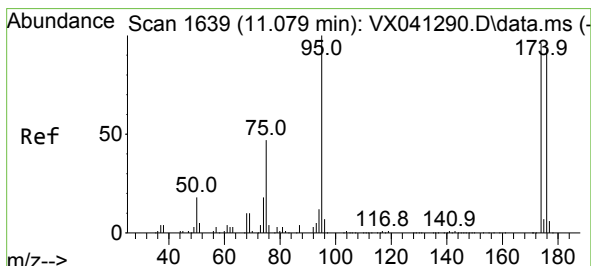
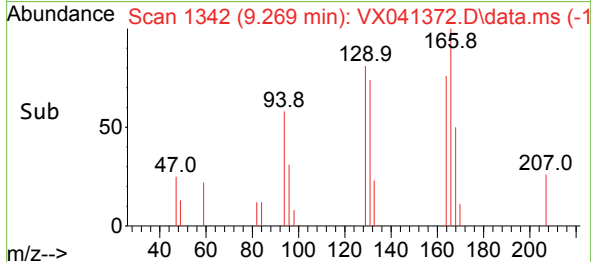
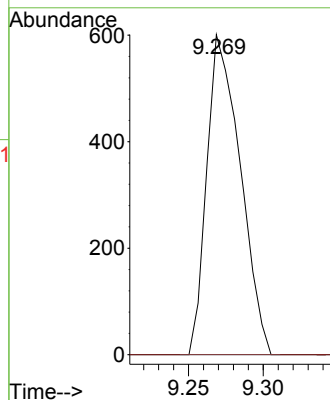
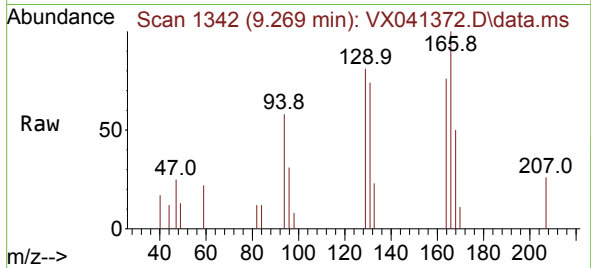




#60
Dibromochloromethane
Concen: 0.435 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.256 min
Lab File: VX041372.D
Acq: 06 May 2024 12:25

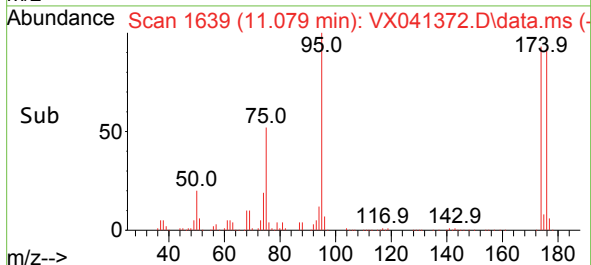
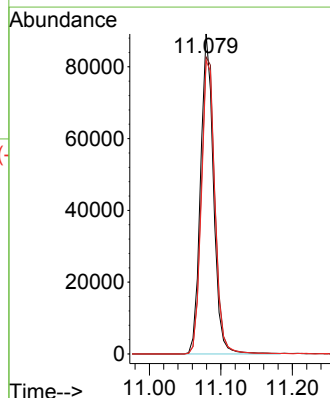
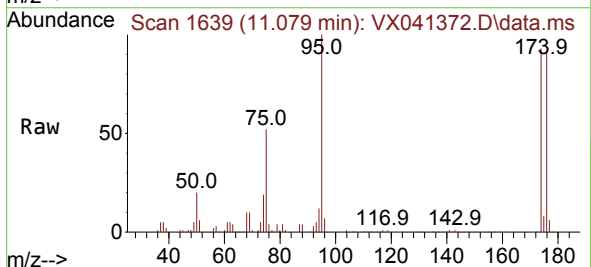
Instrument :
MSVOA_X
ClientSampleId :

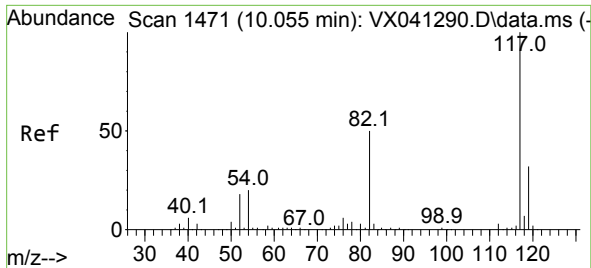
Tgt Ion:129 Resp: 935
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 43.340 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041372.D
Acq: 06 May 2024 12:25

Tgt Ion: 95 Resp: 111587
Ion Ratio Lower Upper
95 100
174 99.0 0.0 135.6
176 95.9 0.0 131.0

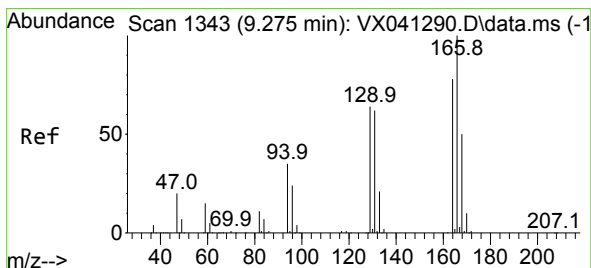
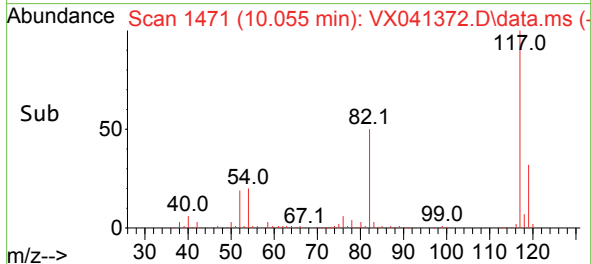
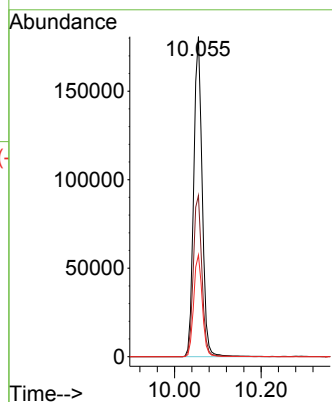
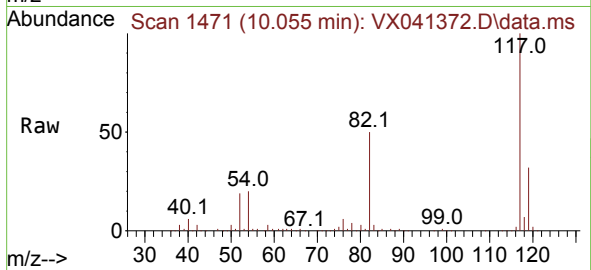




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041372.D
Acq: 06 May 2024 12:25

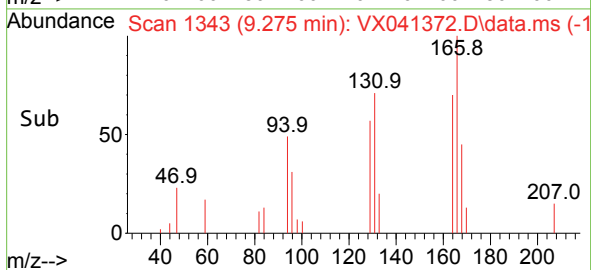
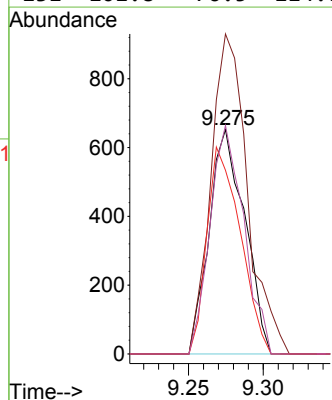
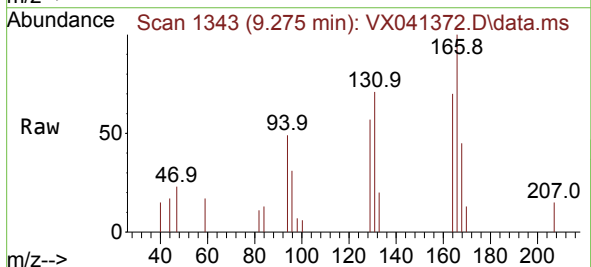
Instrument :
MSVOA_X
ClientSampleId :

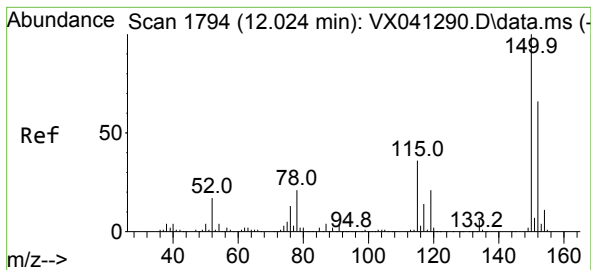
Tgt Ion:117 Resp: 245289
Ion Ratio Lower Upper
117 100
82 50.4 46.2 69.4
119 31.8 25.5 38.3



#64
Tetrachloroethene
Concen: 0.607 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX041372.D
Acq: 06 May 2024 12:25

Tgt Ion:164 Resp: 1079
Ion Ratio Lower Upper
164 100
166 142.6 102.7 154.1
129 81.9 80.4 120.6
131 101.8 76.5 114.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041372.D

Acq: 06 May 2024 12:25

Instrument :

MSVOA_X

ClientSampleId :

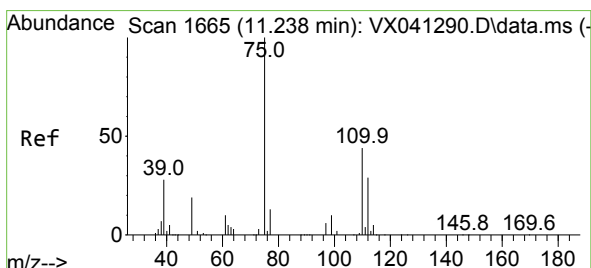
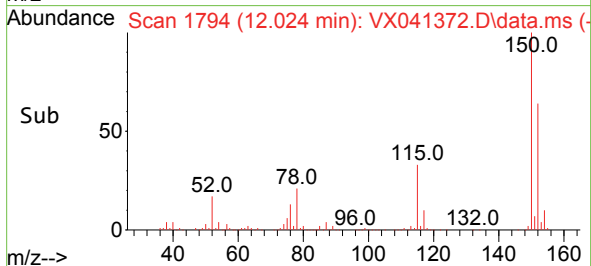
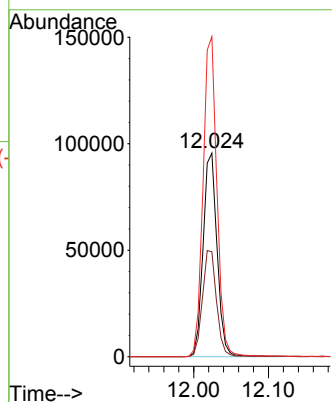
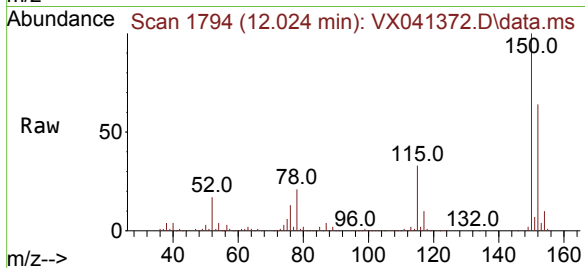
Tgt Ion:152 Resp: 124102

Ion Ratio Lower Upper

152 100

115 52.7 43.3 129.9

150 156.0 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 28.607 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX041372.D

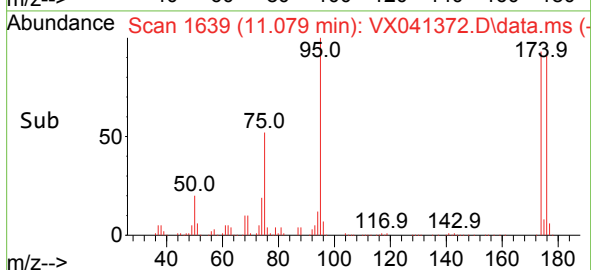
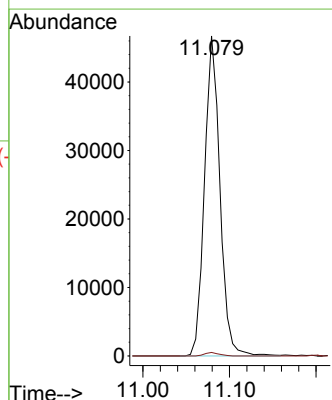
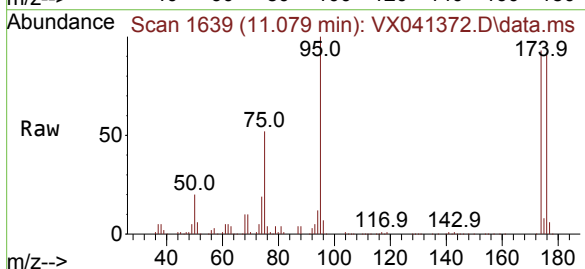
Acq: 06 May 2024 12:25

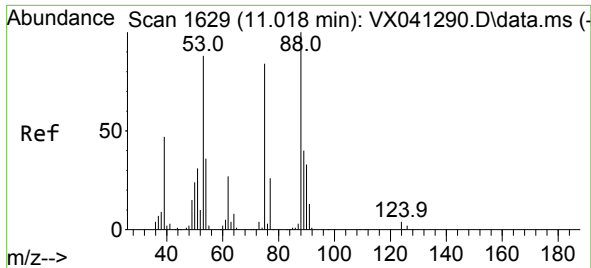
Tgt Ion: 75 Resp: 57857

Ion Ratio Lower Upper

75 100

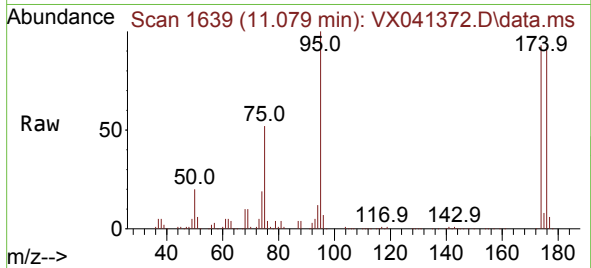
77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.922 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX041372.D
 Acq: 06 May 2024 12:25

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 57857
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

