

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062124\
 Data File : VX041991.D
 Acq On : 21 Jun 2024 19:32
 Operator : JC/MD
 Sample : P3002-05RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 22 04:46:43 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)

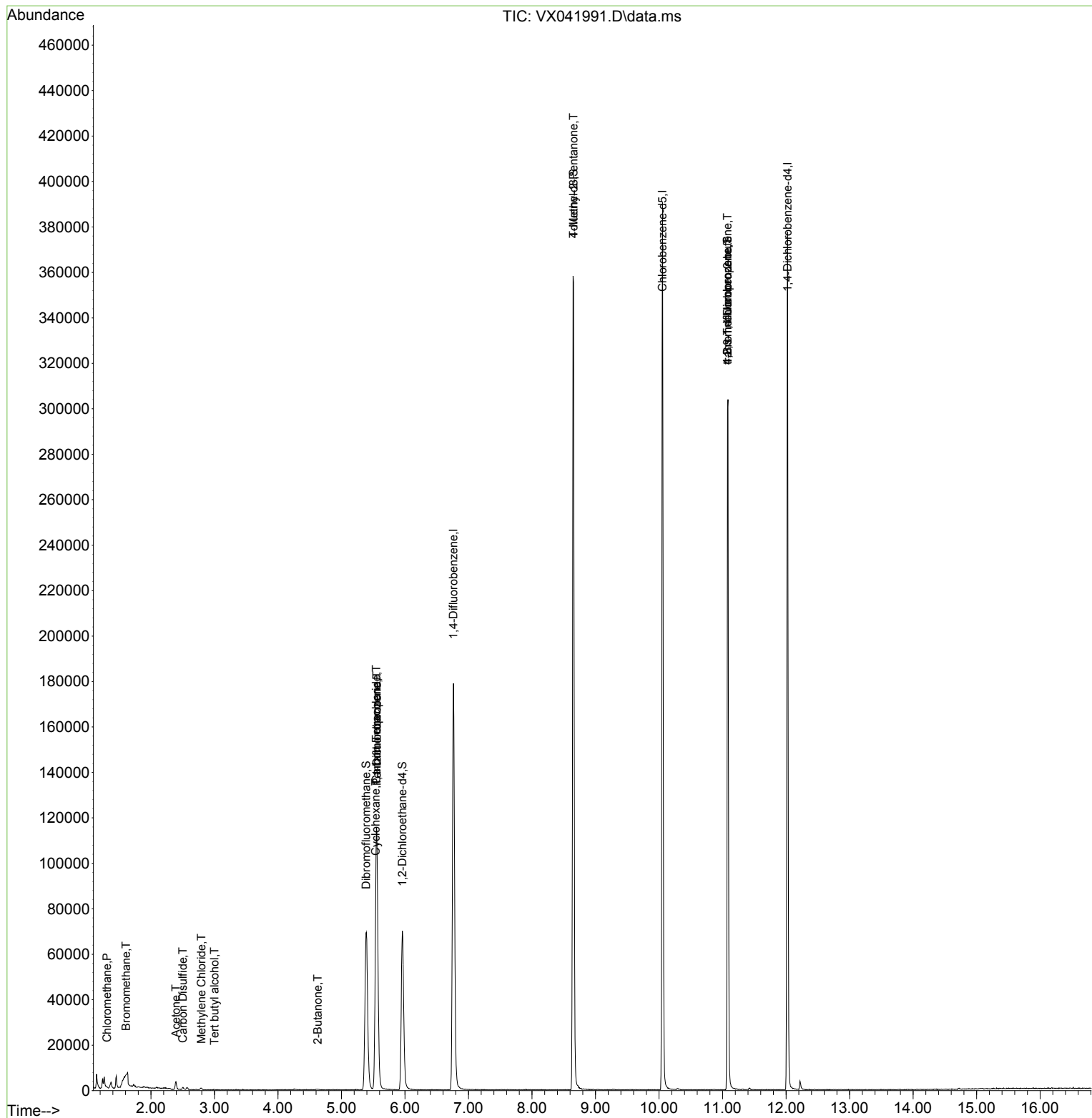
Internal Standards						
1) Pentafluorobenzene	5.556	168	127845	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	197423	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	191416	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88719	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	67265	45.628	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.260%
35) Dibromofluoromethane	5.385	113	63796	45.542	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.080%
50) Toluene-d8	8.653	98	232676	47.281	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.560%
62) 4-Bromofluorobenzene	11.079	95	82651	45.561	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.120%
Target Compounds						
						Qvalue
3) Chloromethane	1.307	50	324	0.265	ug/l	# 43
5) Bromomethane	1.605	94	151	0.250	ug/l	# 63
6) Chloroethane	1.642	64	23	Below Cal		# 43
11) Tert butyl alcohol	3.001	59	301	1.076	ug/l	# 78
16) Acetone	2.392	43	4003	6.184	ug/l	# 88
17) Carbon Disulfide	2.502	76	1529	0.680	ug/l	# 95
20) Methylene Chloride	2.794	84	499	0.352	ug/l	# 77
25) 2-Butanone	4.623	43	244	0.242	ug/l	# 51
31) Cyclohexane	5.538	56	1785	1.035	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	7576	5.093	ug/l	# 50
38) Carbon Tetrachloride	5.550	117	10875	6.617	ug/l	# 16
51) 4-Methyl-2-Pentanone	8.653	43	881	0.430	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	38050	23.625	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	38050	67.092	ug/l	# 5

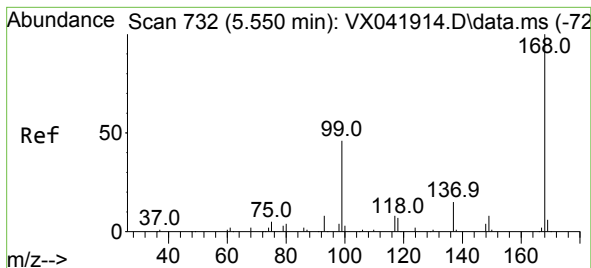
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.556 min Scan# 71

Delta R.T. 0.006 min

Lab File: VX041991.D

Acq: 21 Jun 2024 19:32

Instrument :

MSVOA_X

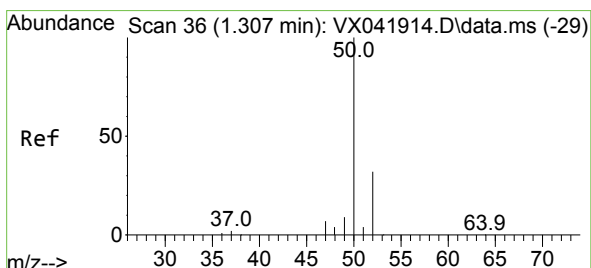
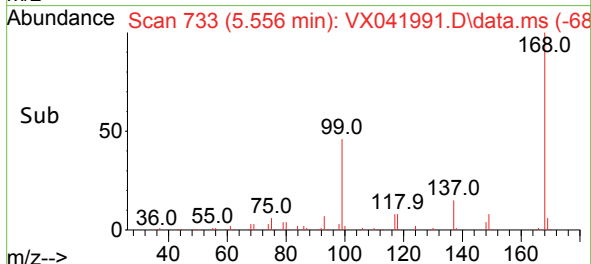
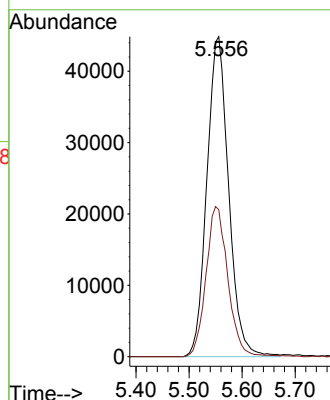
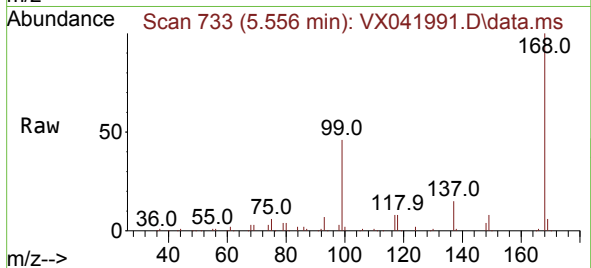
ClientSampleId :

Tgt Ion:168 Resp: 127845

Ion Ratio Lower Upper

168 100

99 46.0 56.6 85.0#



#3

Chloromethane

Concen: 0.265 ug/l

RT: 1.307 min Scan# 36

Delta R.T. 0.000 min

Lab File: VX041991.D

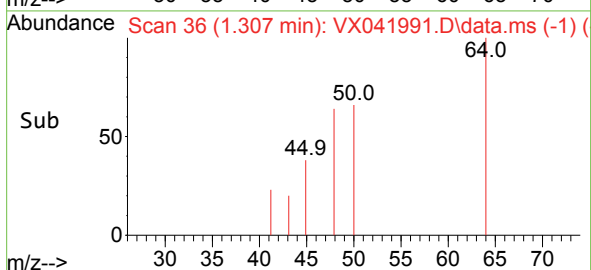
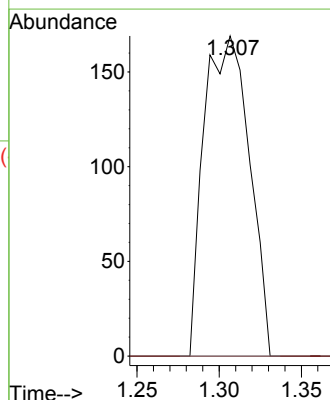
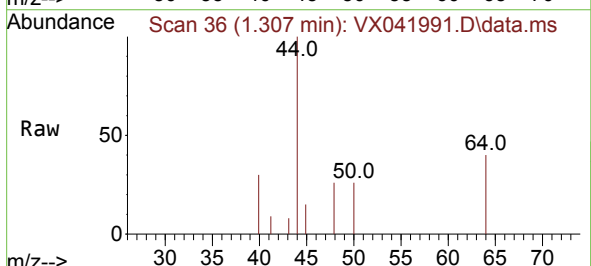
Acq: 21 Jun 2024 19:32

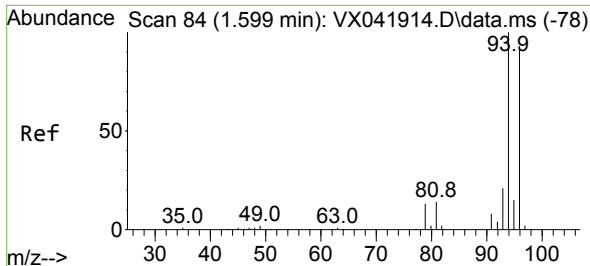
Tgt Ion: 50 Resp: 324

Ion Ratio Lower Upper

50 100

52 0.0 25.5 38.3#

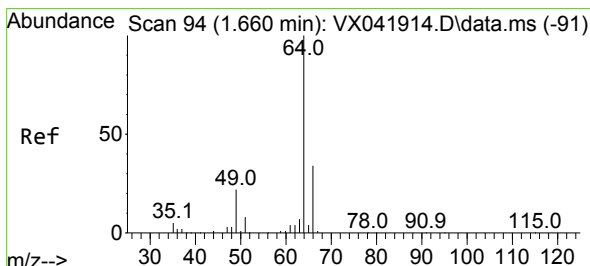
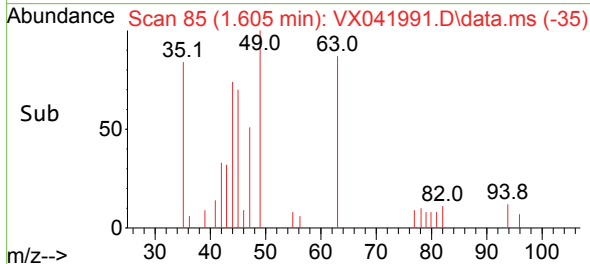
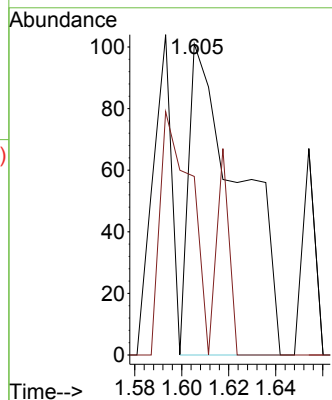
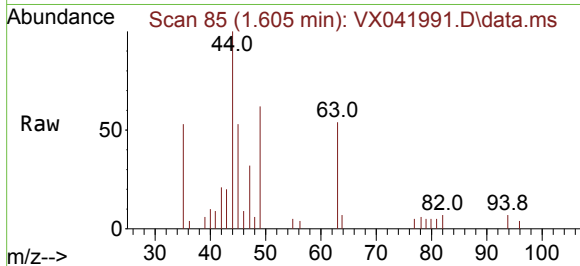




#5
Bromomethane
Concen: 0.250 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX041991.D
Acq: 21 Jun 2024 19:32

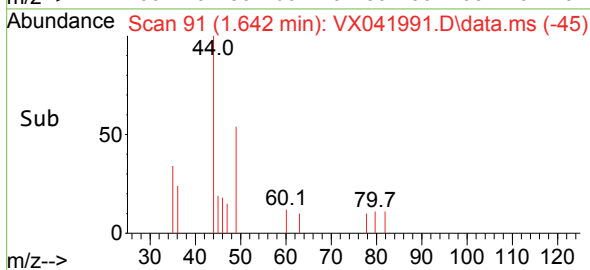
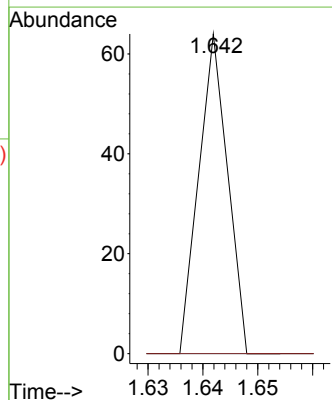
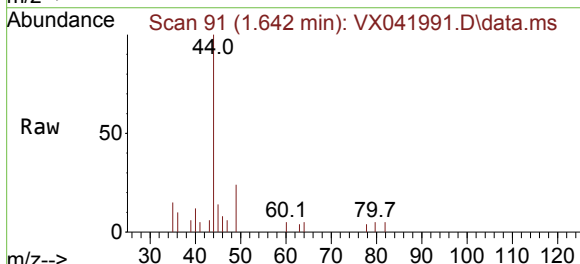
Instrument :
MSVOA_X
ClientSampleId :

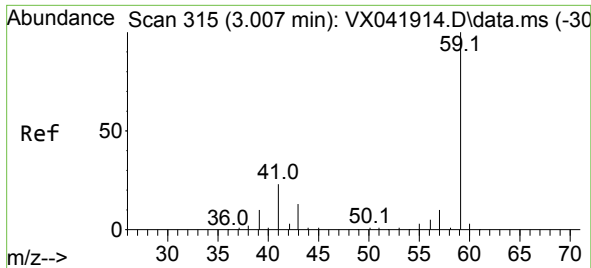
Tgt Ion: 94 Resp: 151
Ion Ratio Lower Upper
94 100
96 57.4 74.6 111.8#



#6
Chloroethane
Concen: Below Cal
RT: 1.642 min Scan# 91
Delta R.T. -0.018 min
Lab File: VX041991.D
Acq: 21 Jun 2024 19:32

Tgt Ion: 64 Resp: 23
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#





#11

Tert butyl alcohol

Concen: 1.076 ug/l

RT: 3.001 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX041991.D

Acq: 21 Jun 2024 19:32

Instrument :

MSVOA_X

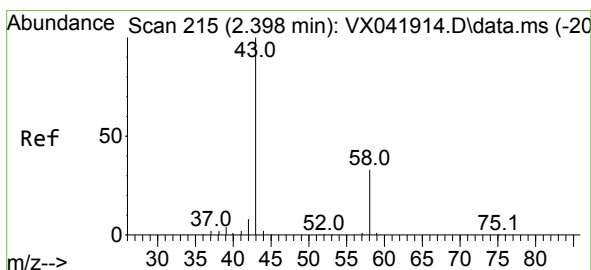
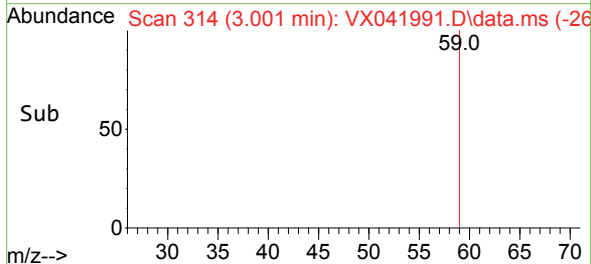
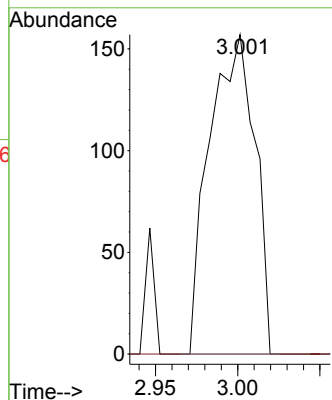
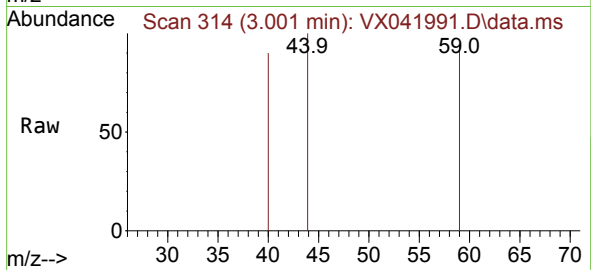
ClientSampleId :

Tgt Ion: 59 Resp: 301

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 6.184 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX041991.D

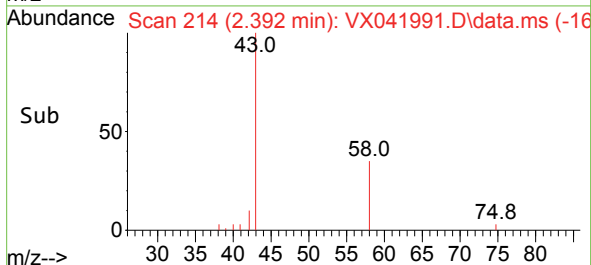
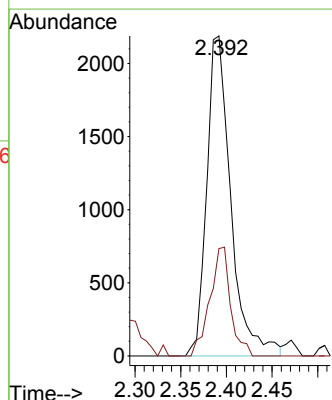
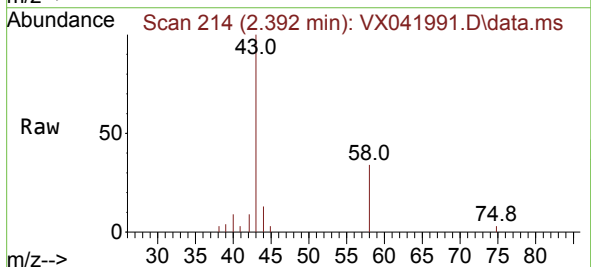
Acq: 21 Jun 2024 19:32

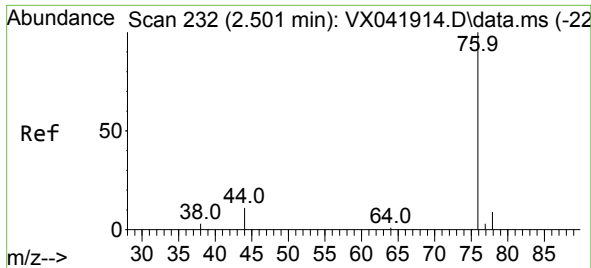
Tgt Ion: 43 Resp: 4003

Ion Ratio Lower Upper

43 100

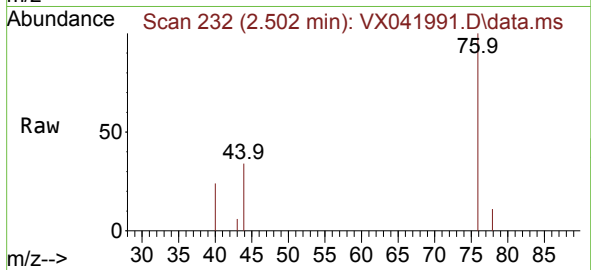
58 33.5 21.9 32.9#



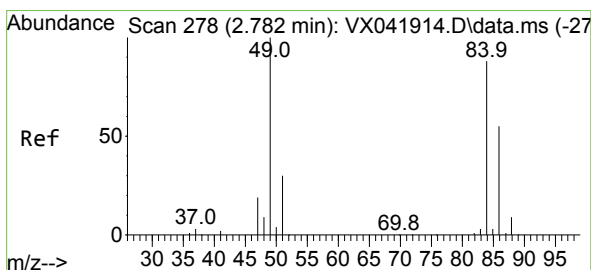
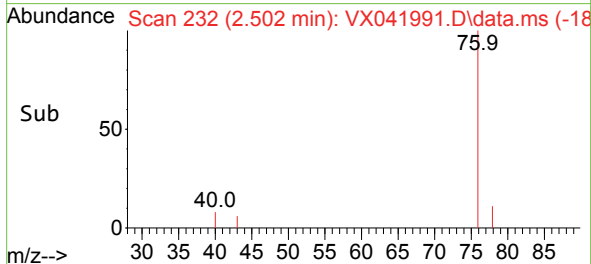
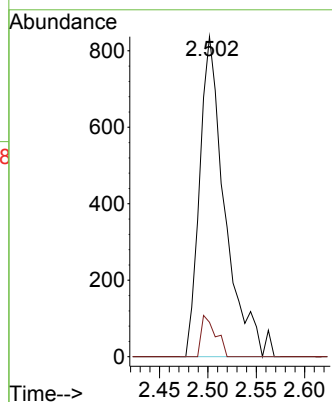


#17
Carbon Disulfide
Concen: 0.680 ug/l
RT: 2.502 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX041991.D
Acq: 21 Jun 2024 19:32

Instrument :
MSVOA_X
ClientSampleId :

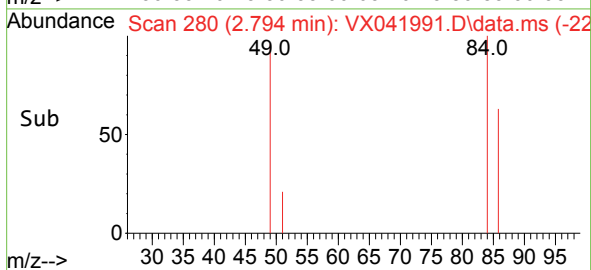
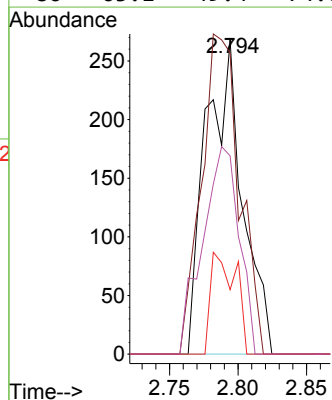
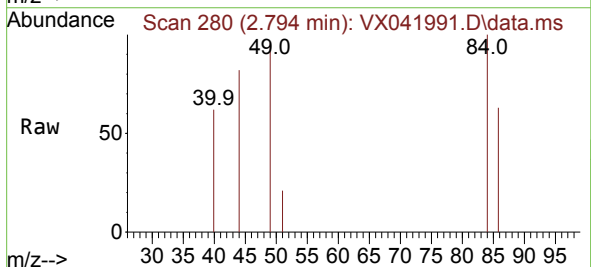


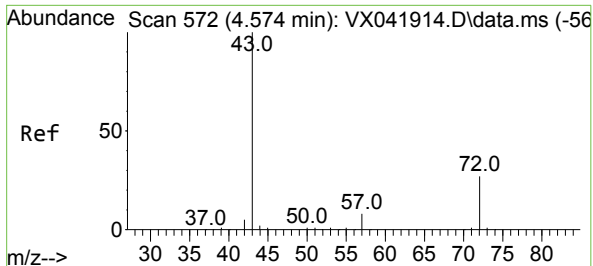
Tgt Ion: 76 Resp: 1529
Ion Ratio Lower Upper
76 100
78 10.8 7.0 10.6#



#20
Methylene Chloride
Concen: 0.352 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.012 min
Lab File: VX041991.D
Acq: 21 Jun 2024 19:32

Tgt Ion: 84 Resp: 499
Ion Ratio Lower Upper
84 100
49 95.9 103.6 155.4#
51 20.5 33.8 50.6#
86 63.1 49.4 74.0

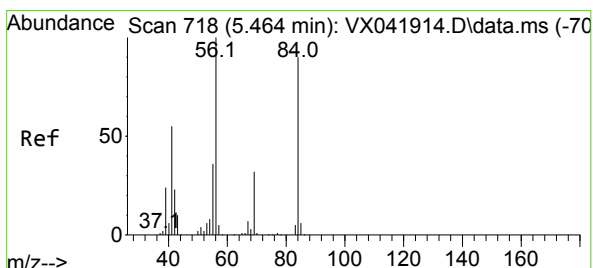
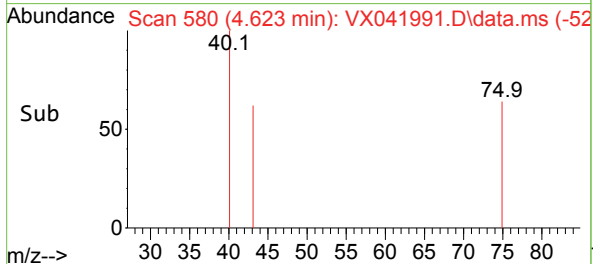
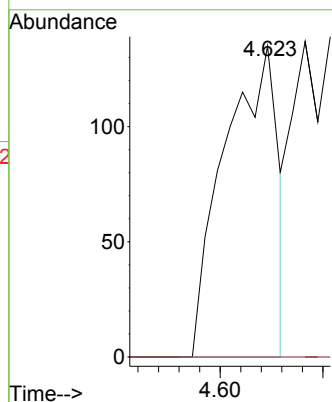
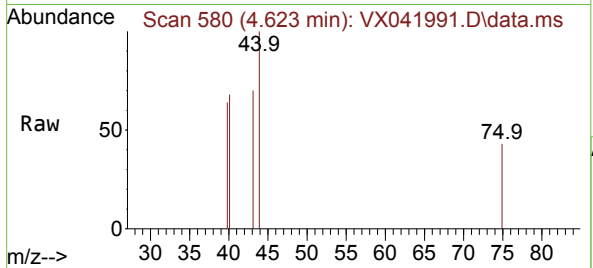




#25
2-Butanone
Concen: 0.242 ug/l
RT: 4.623 min Scan# 51
Delta R.T. 0.049 min
Lab File: VX041991.D
Acq: 21 Jun 2024 19:32

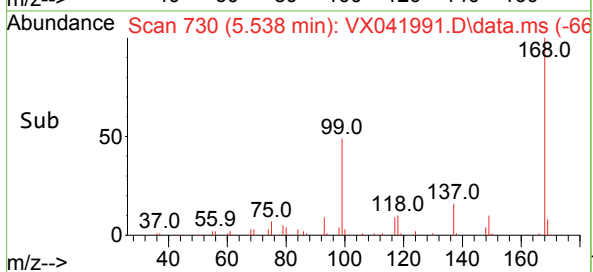
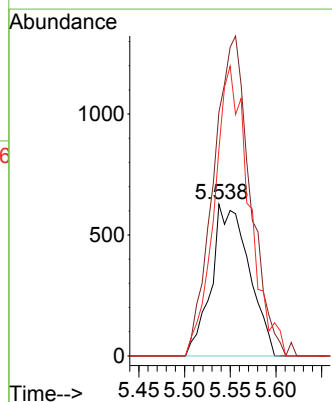
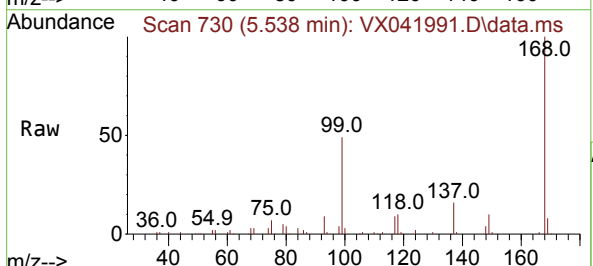
Instrument :
MSVOA_X
ClientSampleId :

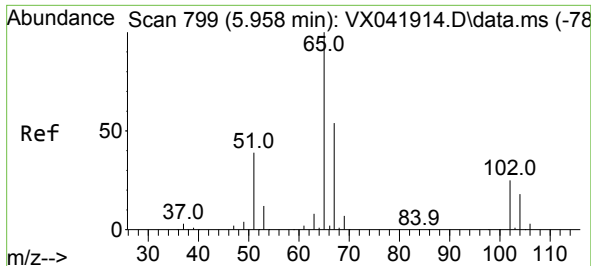
Tgt Ion: 43 Resp: 244
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#31
Cyclohexane
Concen: 1.035 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.073 min
Lab File: VX041991.D
Acq: 21 Jun 2024 19:32

Tgt Ion: 56 Resp: 1785
Ion Ratio Lower Upper
56 100
69 160.8 23.4 35.2#
84 136.4 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 45.628 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX041991.D

Acq: 21 Jun 2024 19:32

Instrument :

MSVOA_X

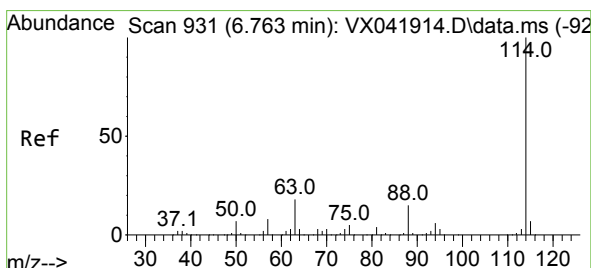
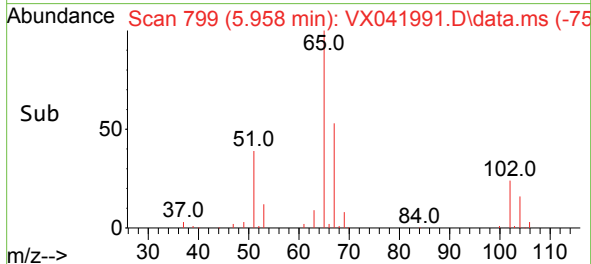
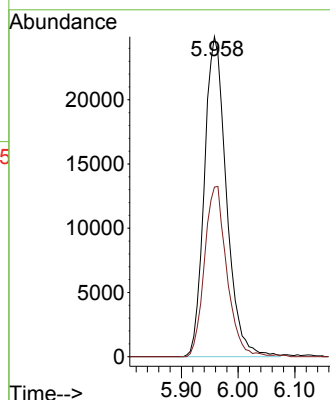
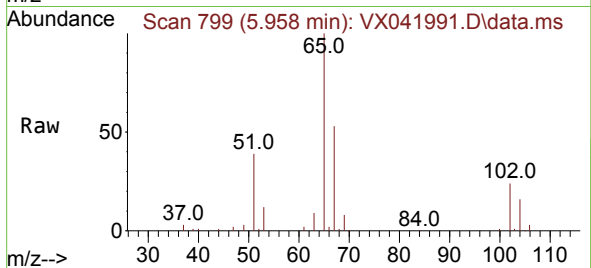
ClientSampleId :

Tgt Ion: 65 Resp: 67265

Ion Ratio Lower Upper

65 100

67 53.8 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX041991.D

Acq: 21 Jun 2024 19:32

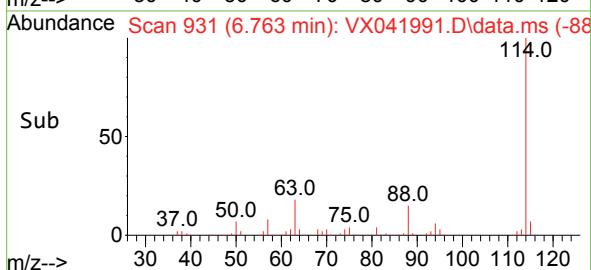
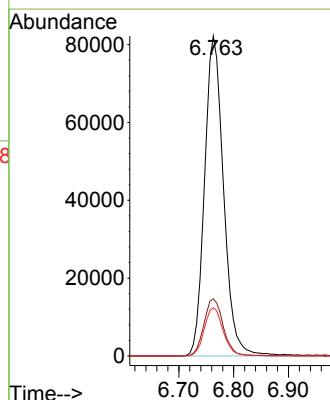
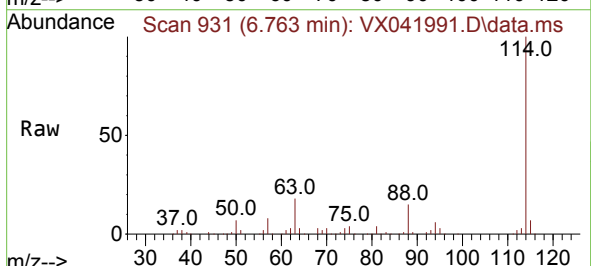
Tgt Ion:114 Resp: 197423

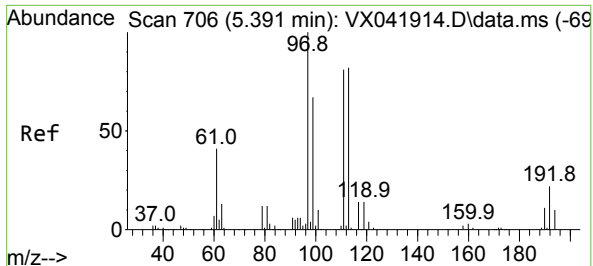
Ion Ratio Lower Upper

114 100

63 17.9 0.0 45.0

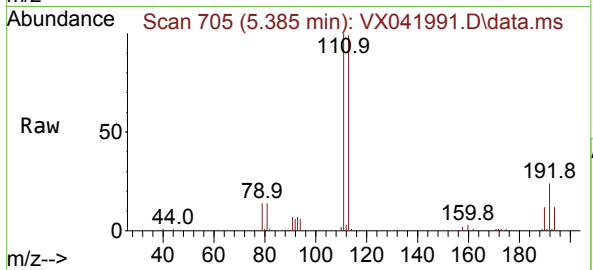
88 15.1 0.0 36.6



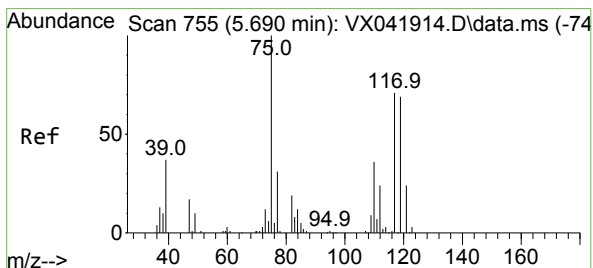
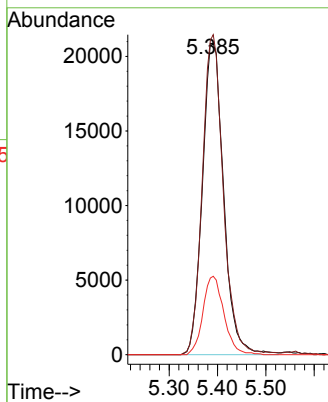
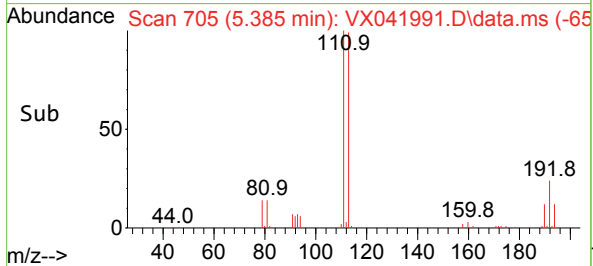


#35
Dibromofluoromethane
Concen: 45.542 ug/l
RT: 5.385 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX041991.D
Acq: 21 Jun 2024 19:32

Instrument :
MSVOA_X
ClientSampleId :

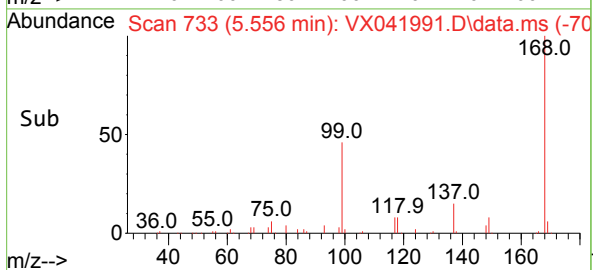
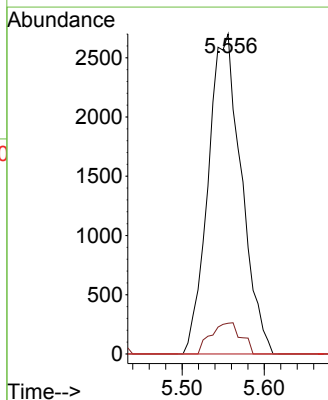
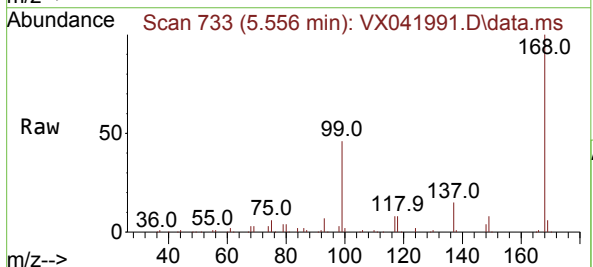


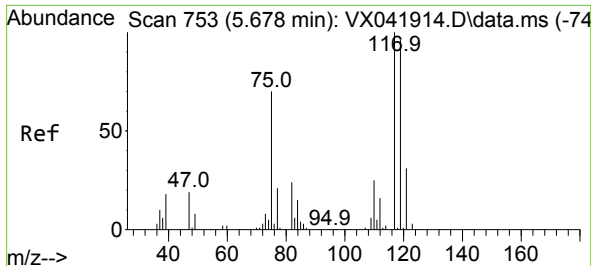
Tgt Ion:113 Resp: 63796
Ion Ratio Lower Upper
113 100
111 101.1 82.9 124.3
192 24.8 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 5.093 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX041991.D
Acq: 21 Jun 2024 19:32

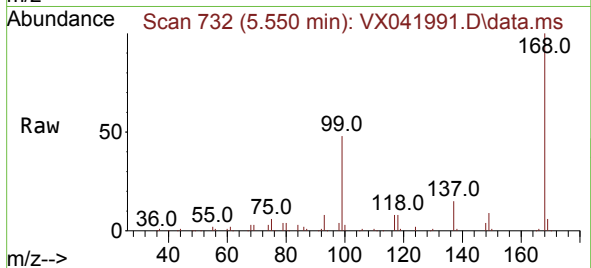
Tgt Ion: 75 Resp: 7576
Ion Ratio Lower Upper
75 100
110 8.9 17.0 50.9#
77 0.0 24.7 37.1#



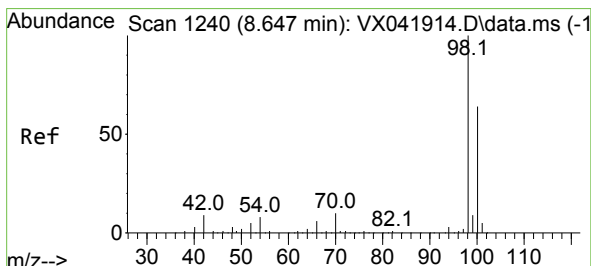
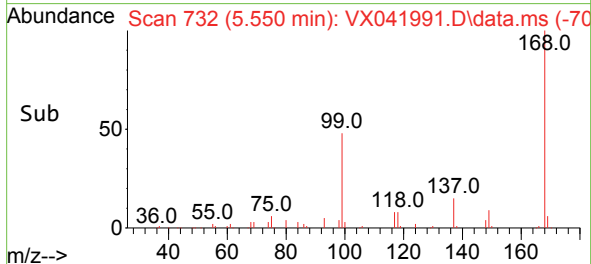
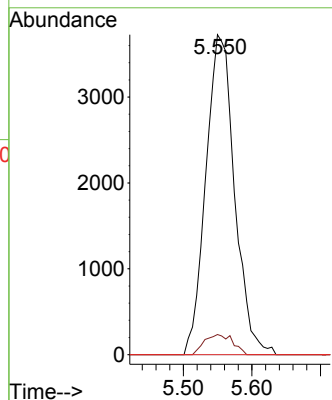


#38
Carbon Tetrachloride
Concen: 6.617 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX041991.D
Acq: 21 Jun 2024 19:32

Instrument :
MSVOA_X
ClientSampleId :

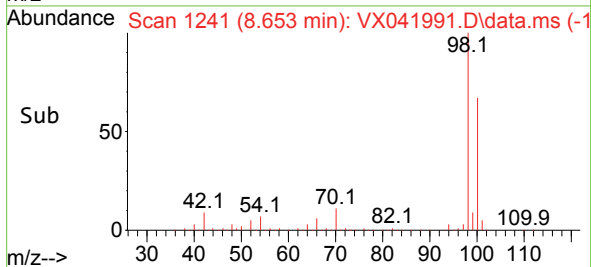
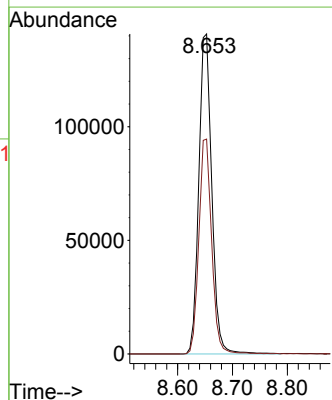
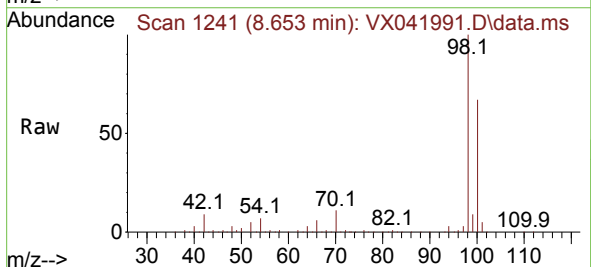


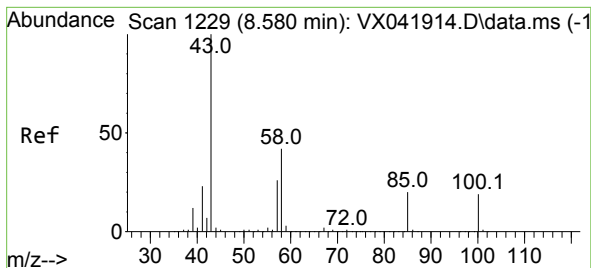
Tgt Ion:117 Resp: 10875
Ion Ratio Lower Upper
117 100
119 6.3 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 47.281 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX041991.D
Acq: 21 Jun 2024 19:32

Tgt Ion: 98 Resp: 232676
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7

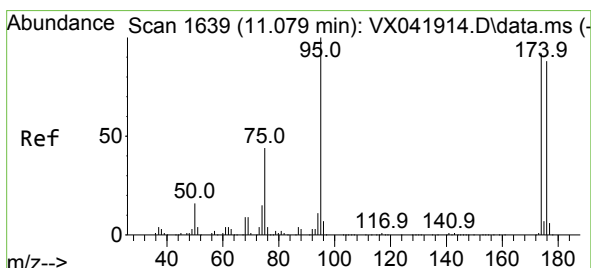
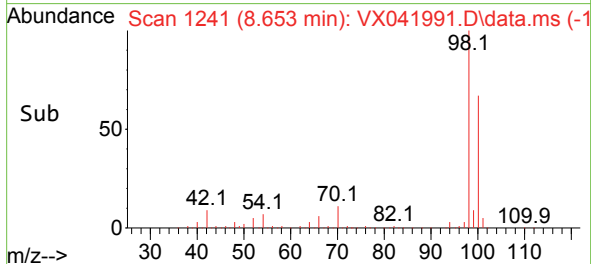
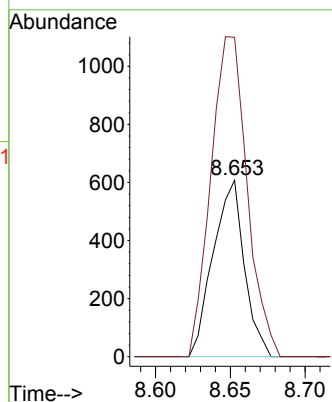
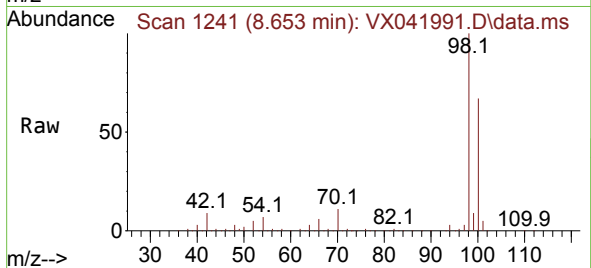




#51
4-Methyl-2-Pentanone
Concen: 0.430 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX041991.D
Acq: 21 Jun 2024 19:32

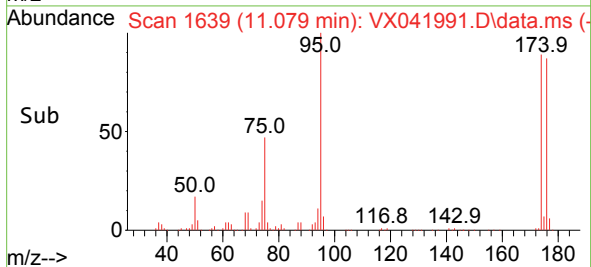
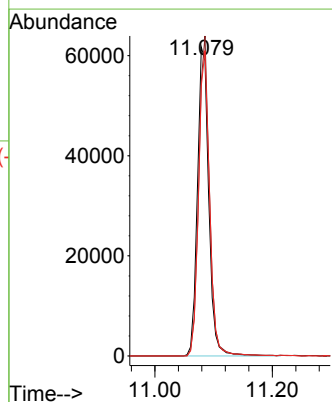
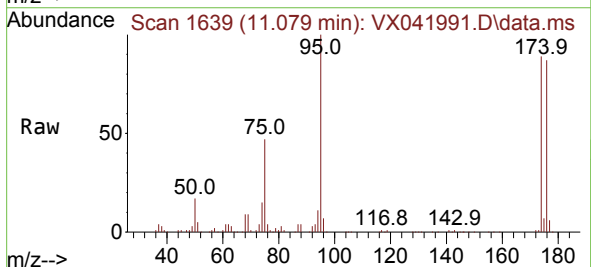
Instrument :
MSVOA_X
ClientSampleId :

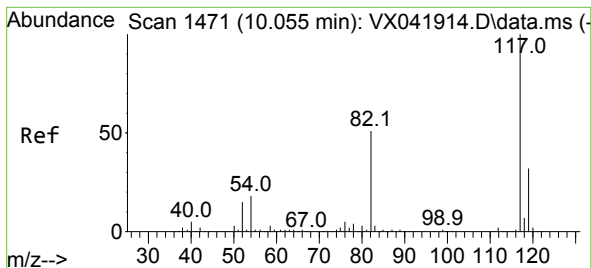
Tgt Ion: 43 Resp: 881
Ion Ratio Lower Upper
43 100
58 211.0 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 45.561 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041991.D
Acq: 21 Jun 2024 19:32

Tgt Ion: 95 Resp: 82651
Ion Ratio Lower Upper
95 100
174 98.4 0.0 135.6
176 95.8 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: VX041991.D

Acq: 21 Jun 2024 19:32

Instrument :

MSVOA_X

ClientSampleId :

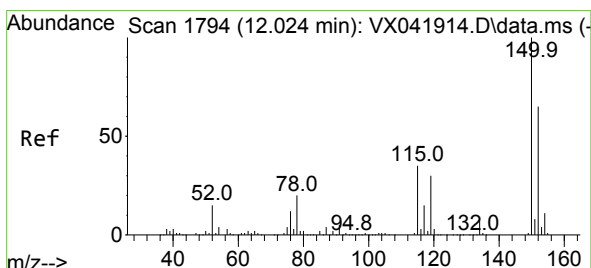
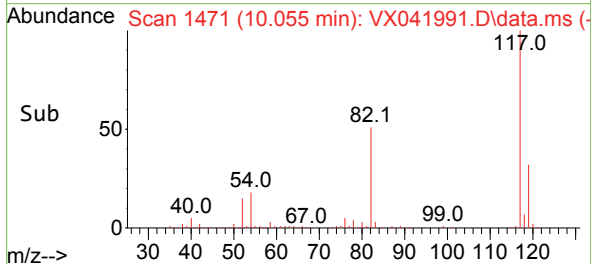
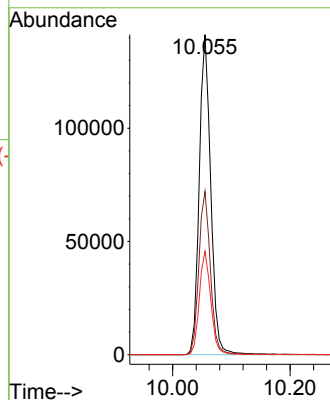
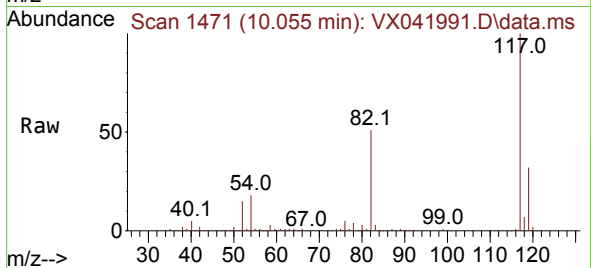
Tgt Ion:117 Resp: 191416

Ion Ratio Lower Upper

117 100

82 51.0 46.2 69.4

119 32.3 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: VX041991.D

Acq: 21 Jun 2024 19:32

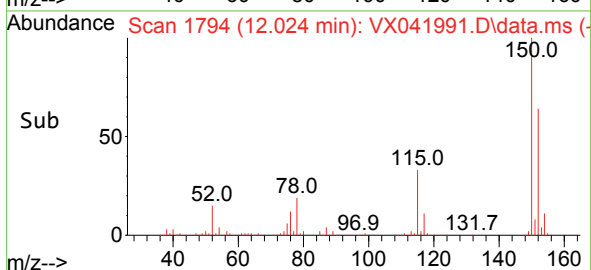
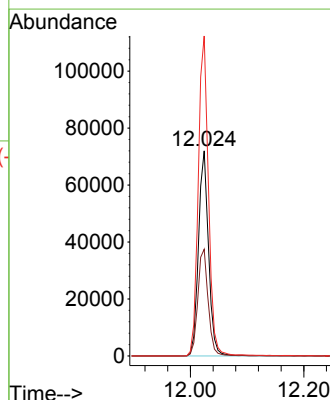
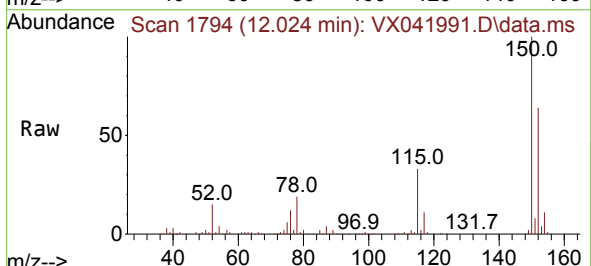
Tgt Ion:152 Resp: 88719

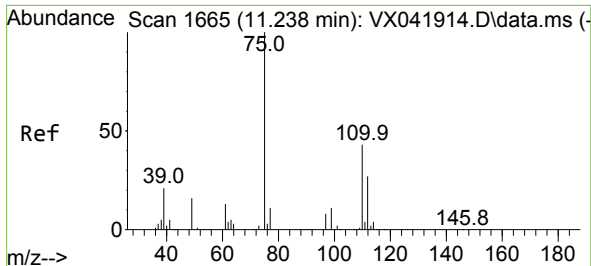
Ion Ratio Lower Upper

152 100

115 53.5 43.3 129.9

150 158.3 0.0 345.0

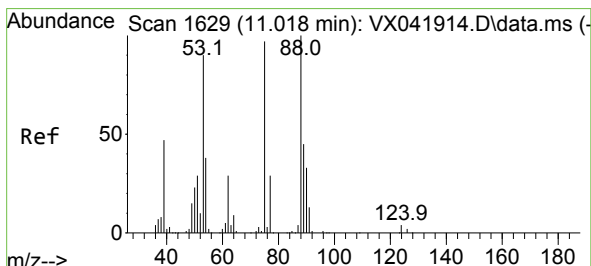
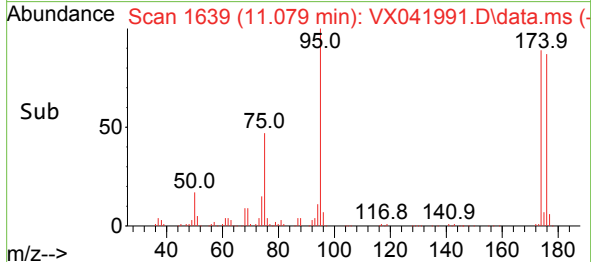
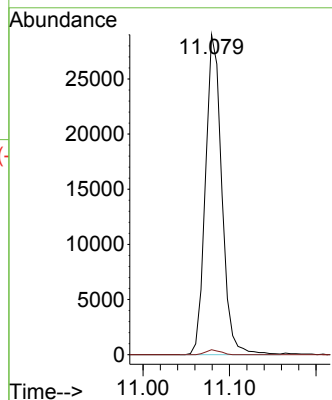
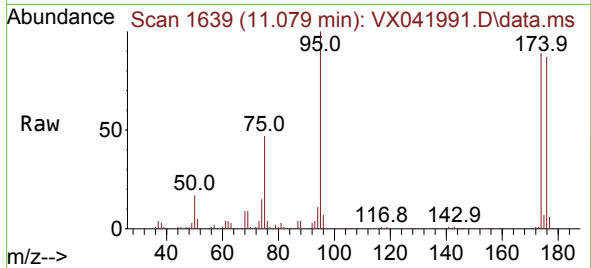




#76
1,2,3-Trichloropropane
Concen: 23.625 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX041991.D
Acq: 21 Jun 2024 19:32

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 38050
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.092 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX041991.D
Acq: 21 Jun 2024 19:32

Tgt Ion: 75 Resp: 38050
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

