

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062524\
 Data File : VX042033.D
 Acq On : 25 Jun 2024 15:33
 Operator : JC/MD
 Sample : P3054-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 26 05:39:44 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)

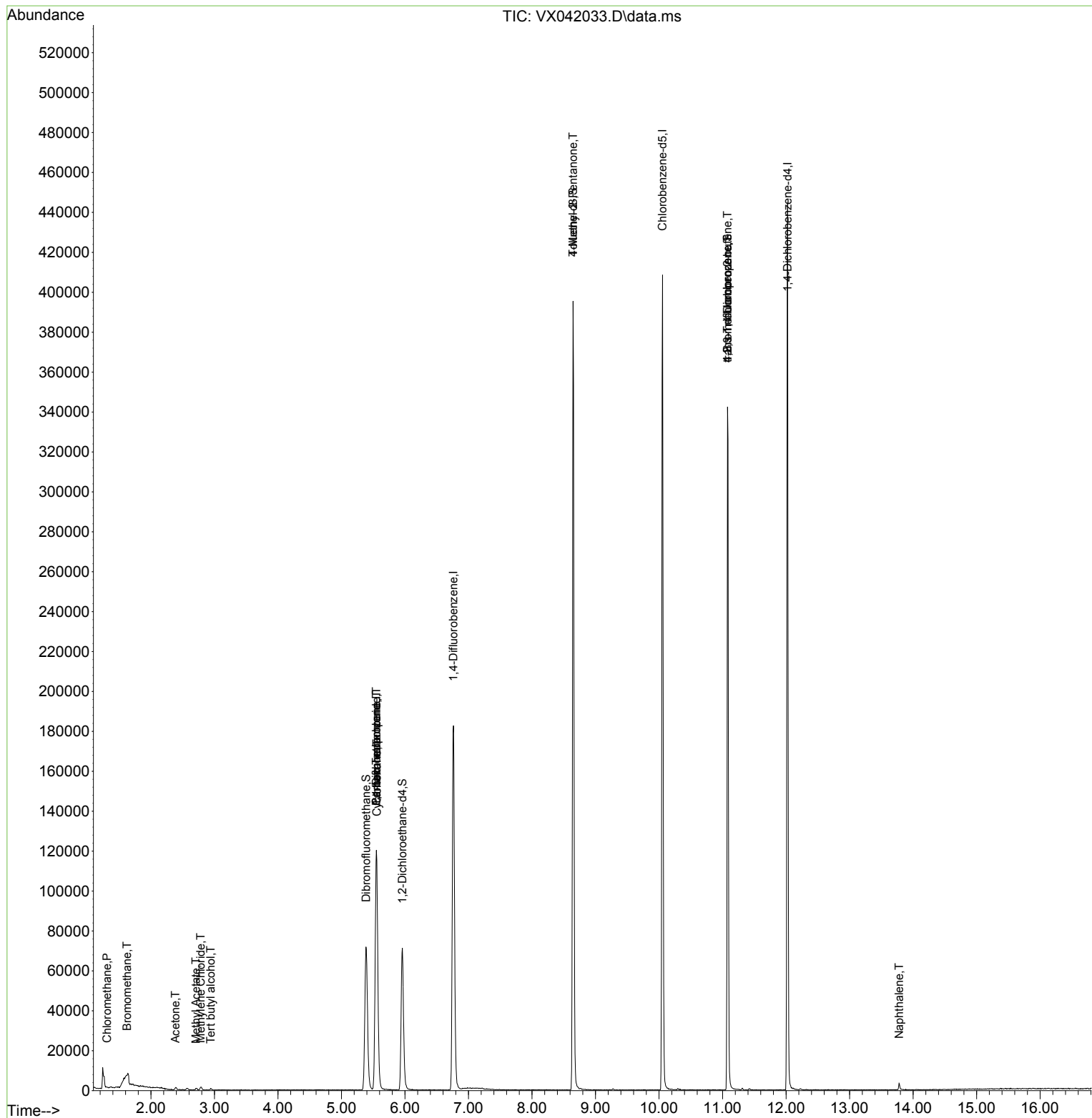
Internal Standards						
1) Pentafluorobenzene	5.550	168	135039	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	208128	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	207453	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	105564	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	67967	43.648	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.300%
35) Dibromofluoromethane	5.385	113	64840	43.906	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.820%
50) Toluene-d8	8.647	98	243854	47.003	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.000%
62) 4-Bromofluorobenzene	11.079	95	93573	48.929	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.860%
Target Compounds						
						Qvalue
3) Chloromethane	1.307	50	321	0.249	ug/l	# 43
5) Bromomethane	1.624	94	203	0.318	ug/l	# 3
6) Chloroethane	1.672	64	301	Below Cal		# 43
11) Tert butyl alcohol	2.940	59	317	1.073	ug/l	# 78
16) Acetone	2.386	43	1465	2.143	ug/l	99
18) Methyl Acetate	2.709	43	1226	0.657	ug/l	91
20) Methylene Chloride	2.782	84	839	0.560	ug/l	# 81
31) Cyclohexane	5.556	56	1790	0.983	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	7760	4.948	ug/l	# 52
38) Carbon Tetrachloride	5.550	117	10973	6.333	ug/l	# 16
51) 4-Methyl-2-Pentanone	8.647	43	940	0.435	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	42046	21.940	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	42046	62.308	ug/l	# 5
95) Naphthalene	13.780	128	3240	1.170	ug/l	96

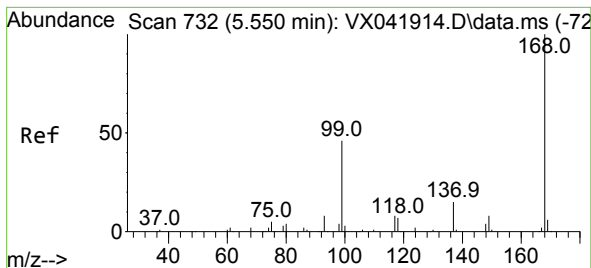
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX042033.D

Acq: 25 Jun 2024 15:33

Instrument :

MSVOA_X

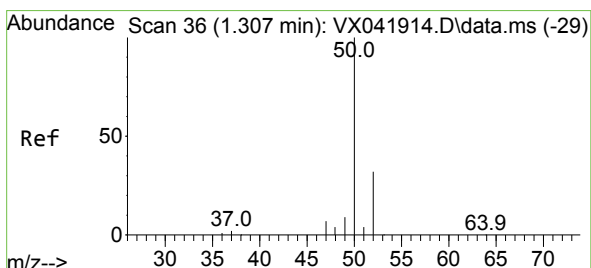
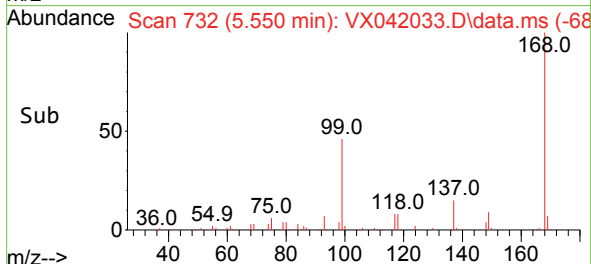
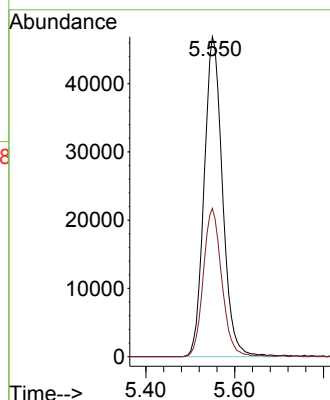
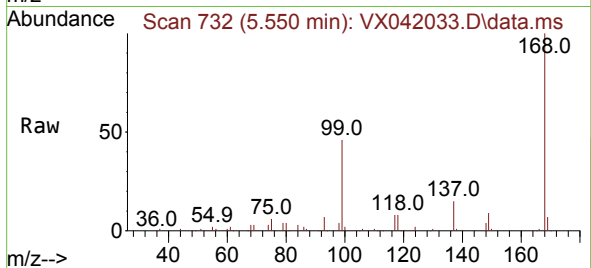
ClientSampleId :

Tgt Ion:168 Resp: 135039

Ion Ratio Lower Upper

168 100

99 46.3 56.6 85.0#



#3

Chloromethane

Concen: 0.249 ug/l

RT: 1.307 min Scan# 36

Delta R.T. 0.000 min

Lab File: VX042033.D

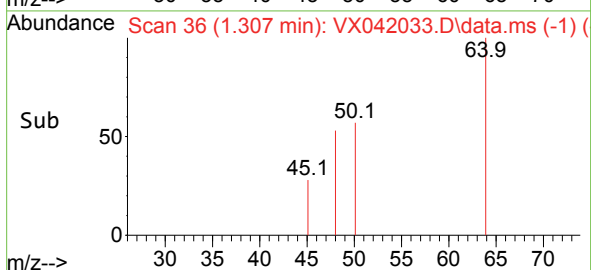
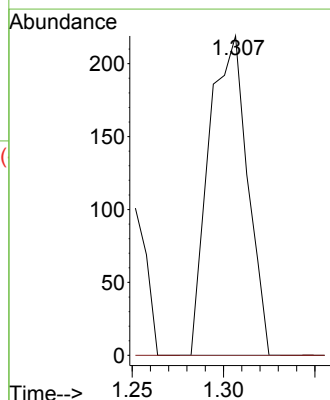
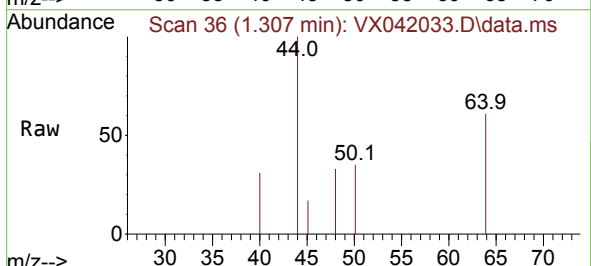
Acq: 25 Jun 2024 15:33

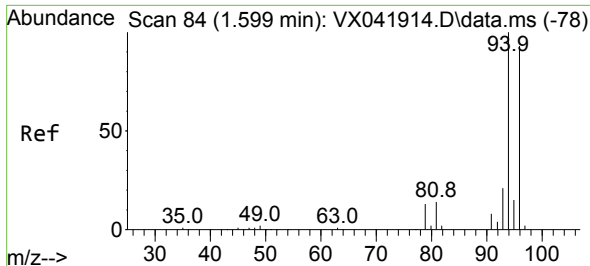
Tgt Ion: 50 Resp: 321

Ion Ratio Lower Upper

50 100

52 0.0 25.5 38.3#

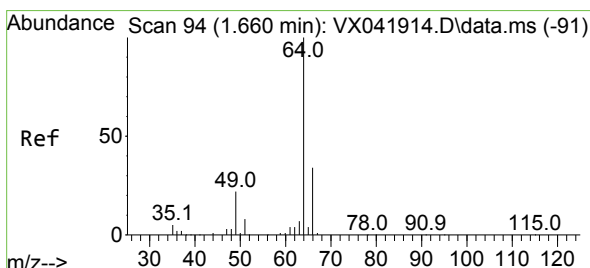
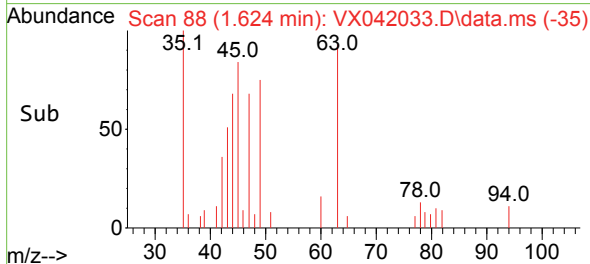
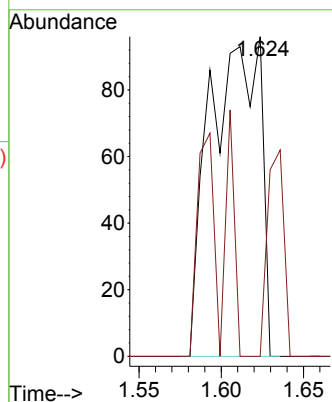
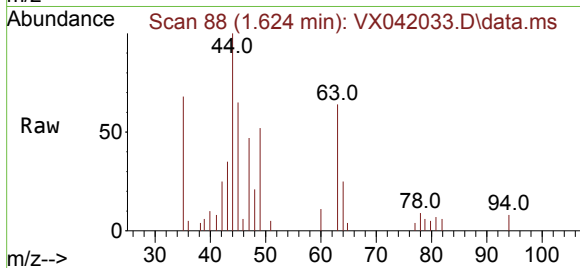




#5
Bromomethane
Concen: 0.318 ug/l
RT: 1.624 min Scan# 84
Delta R.T. 0.025 min
Lab File: VX042033.D
Acq: 25 Jun 2024 15:33

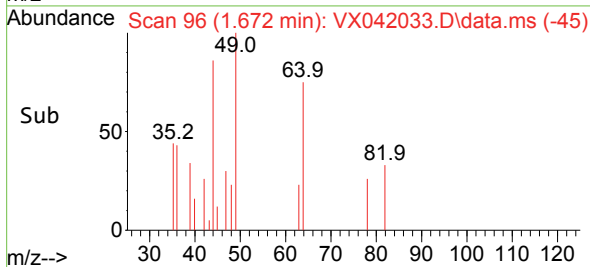
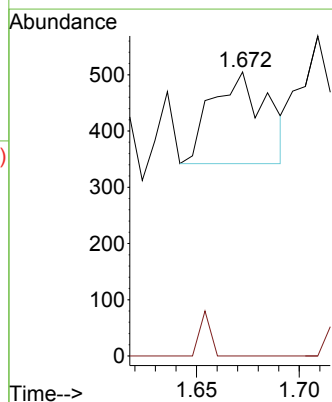
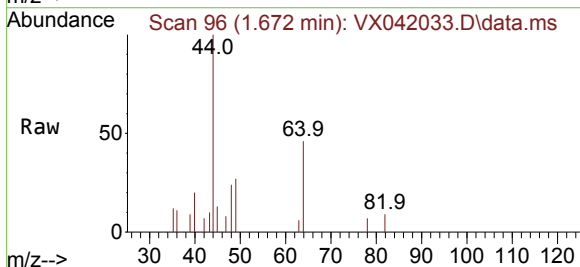
Instrument :
MSVOA_X
ClientSampleId :

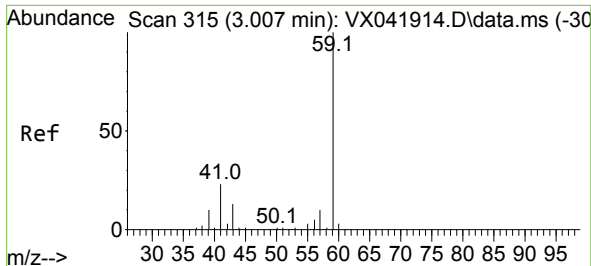
Tgt Ion: 94 Resp: 203
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



#6
Chloroethane
Concen: Below Cal
RT: 1.672 min Scan# 96
Delta R.T. 0.012 min
Lab File: VX042033.D
Acq: 25 Jun 2024 15:33

Tgt Ion: 64 Resp: 301
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#





#11

Tert butyl alcohol

Concen: 1.073 ug/l

RT: 2.940 min Scan# 30

Delta R.T. -0.067 min

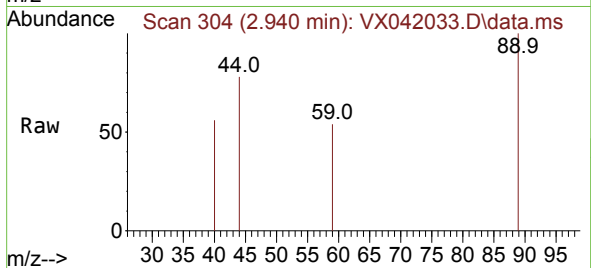
Lab File: VX042033.D

Acq: 25 Jun 2024 15:33

Instrument :

MSVOA_X

ClientSampleId :

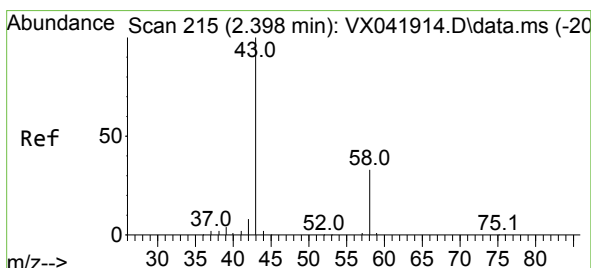
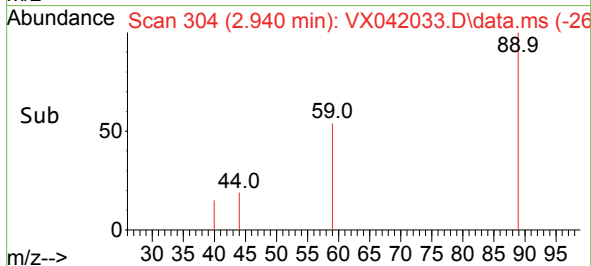
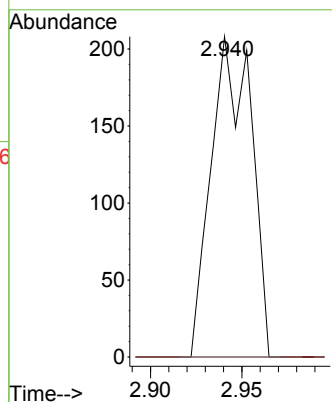


Tgt Ion: 59 Resp: 317

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 2.143 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.012 min

Lab File: VX042033.D

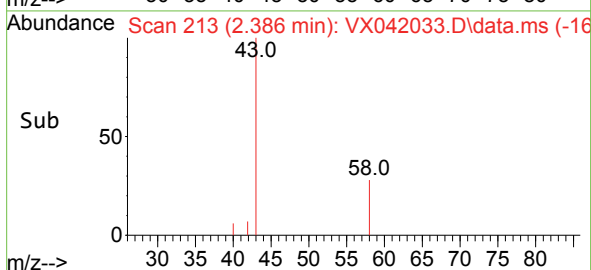
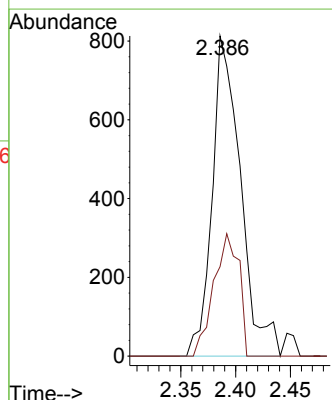
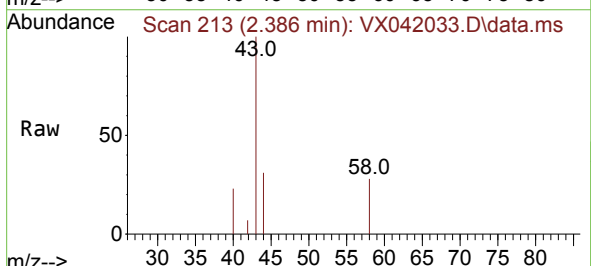
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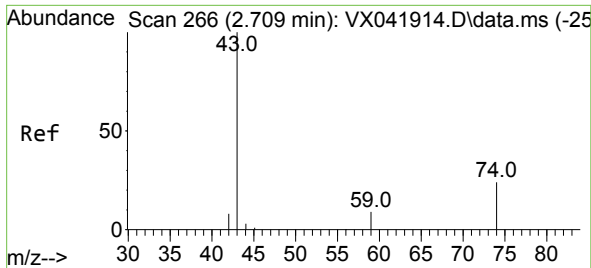
Tgt Ion: 43 Resp: 1465

Ion Ratio Lower Upper

43 100

58 27.9 21.9 32.9

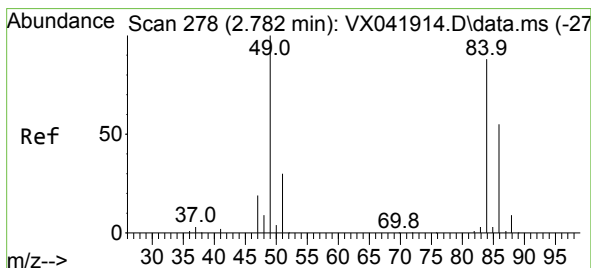
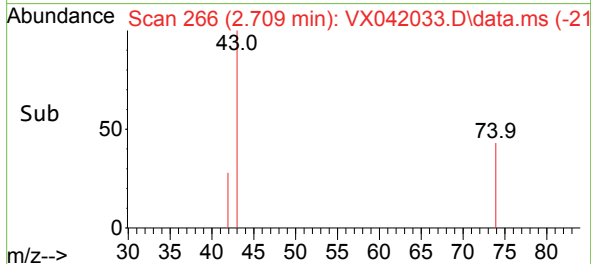
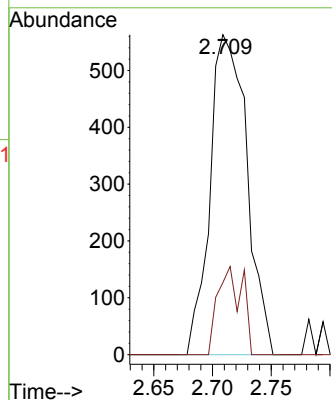
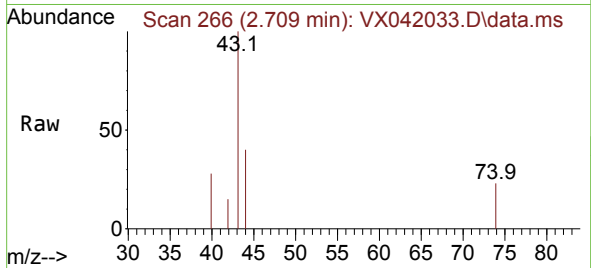




#18
Methyl Acetate
Concen: 0.657 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX042033.D
Acq: 25 Jun 2024 15:33

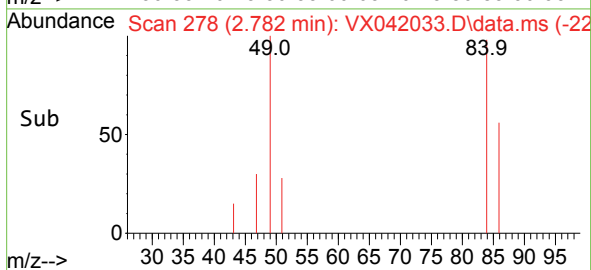
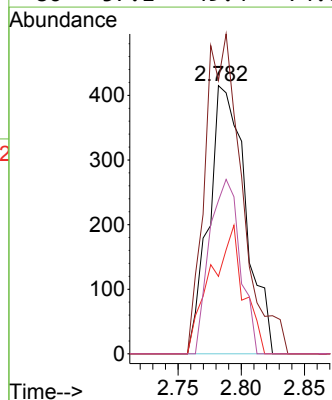
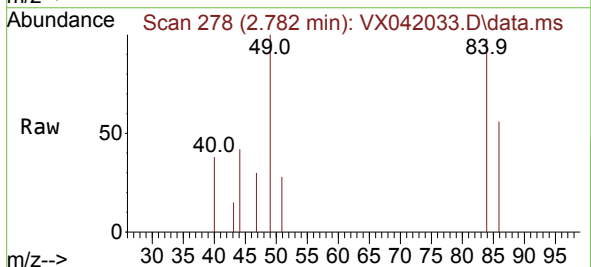
Instrument :
MSVOA_X
ClientSampleId :

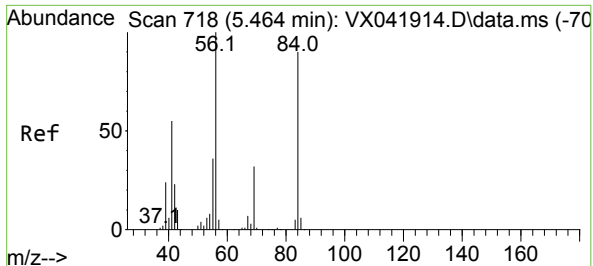
Tgt Ion: 43 Resp: 1226
Ion Ratio Lower Upper
43 100
74 18.1 17.8 26.8



#20
Methylene Chloride
Concen: 0.560 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX042033.D
Acq: 25 Jun 2024 15:33

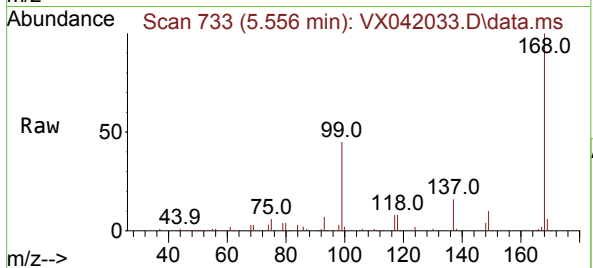
Tgt Ion: 84 Resp: 839
Ion Ratio Lower Upper
84 100
49 101.9 103.6 155.4#
51 28.9 33.8 50.6#
86 57.1 49.4 74.0



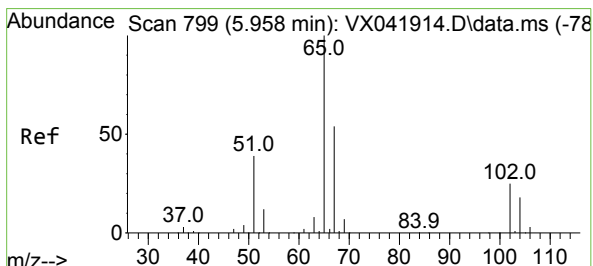
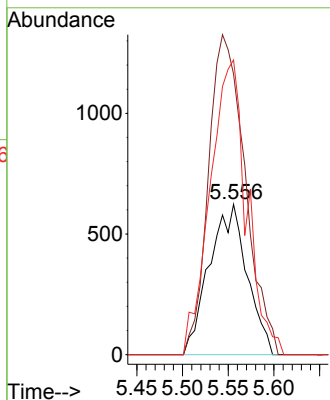
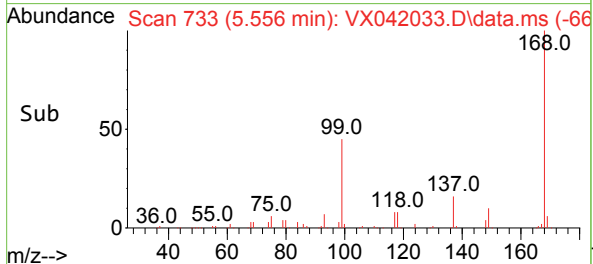


#31
Cyclohexane
Concen: 0.983 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.092 min
Lab File: VX042033.D
Acq: 25 Jun 2024 15:33

Instrument :
MSVOA_X
ClientSampleId :

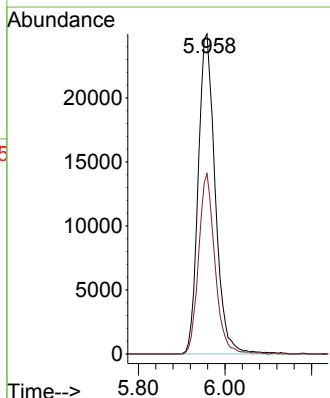
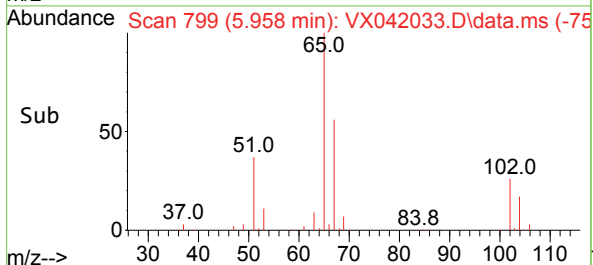
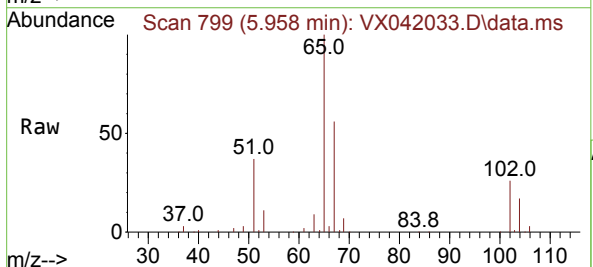


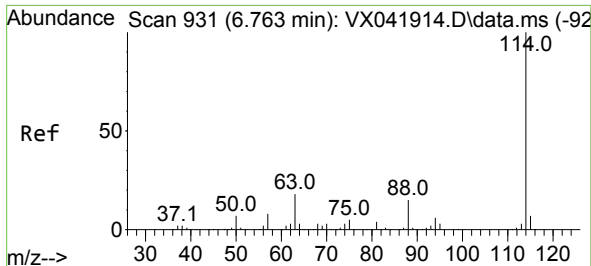
Tgt Ion: 56 Resp: 1790
Ion Ratio Lower Upper
56 100
69 186.7 23.4 35.2#
84 196.0 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 43.648 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX042033.D
Acq: 25 Jun 2024 15:33

Tgt Ion: 65 Resp: 67967
Ion Ratio Lower Upper
65 100
67 54.2 0.0 100.2

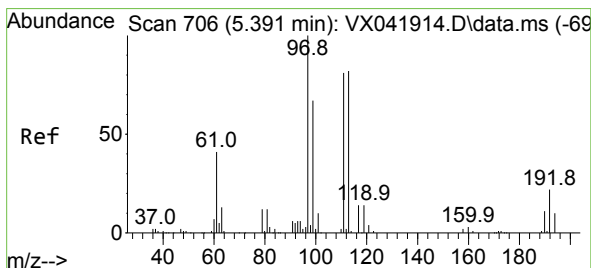
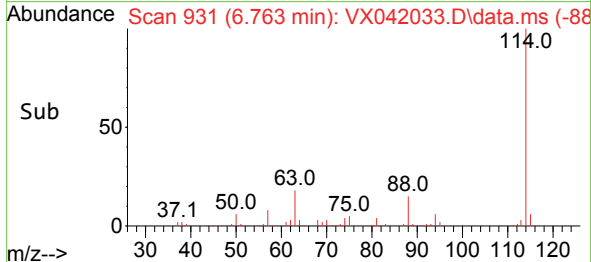
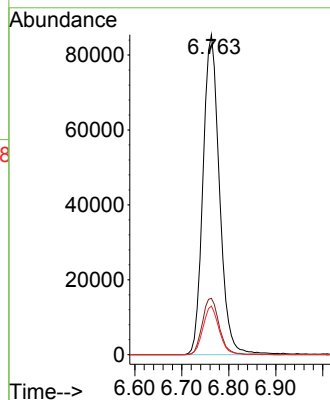
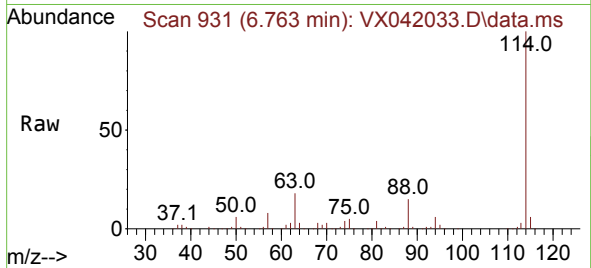




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX042033.D
Acq: 25 Jun 2024 15:33

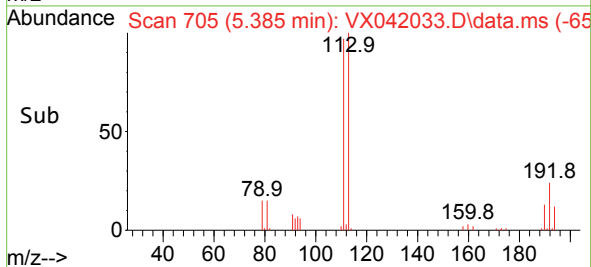
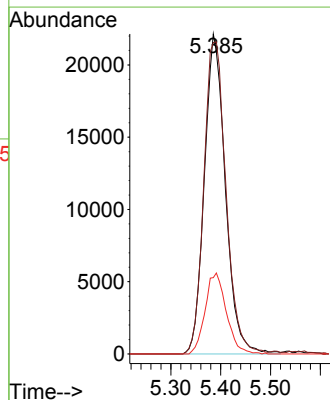
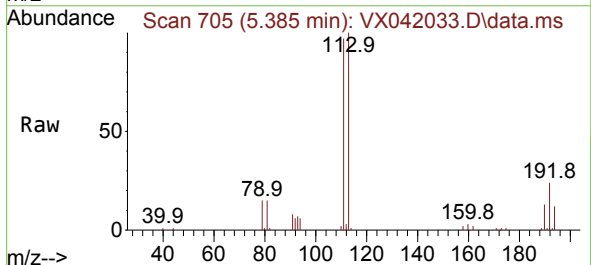
Instrument :
MSVOA_X
ClientSampleId :

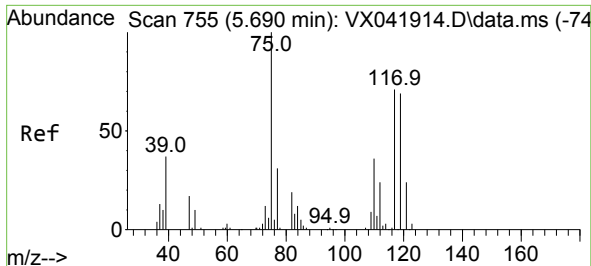
Tgt Ion:114 Resp: 208128
Ion Ratio Lower Upper
114 100
63 17.6 0.0 45.0
88 15.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 43.906 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042033.D
Acq: 25 Jun 2024 15:33

Tgt Ion:113 Resp: 64840
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 25.6 13.3 19.9#

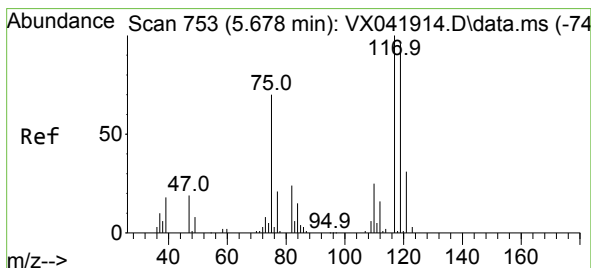
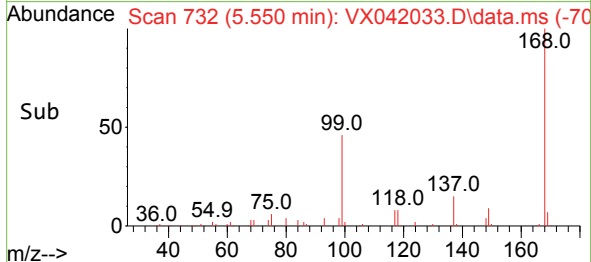
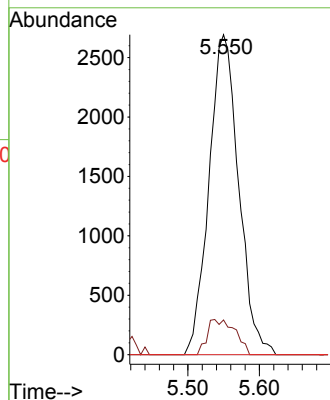
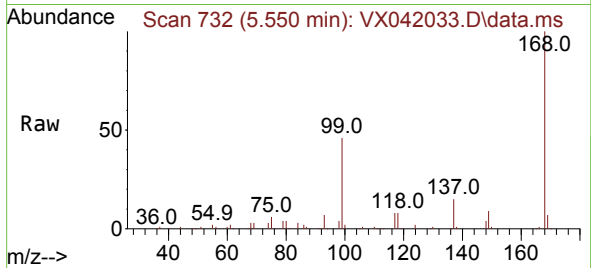




#36
1,1-Dichloropropene
Concen: 4.948 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX042033.D
Acq: 25 Jun 2024 15:33

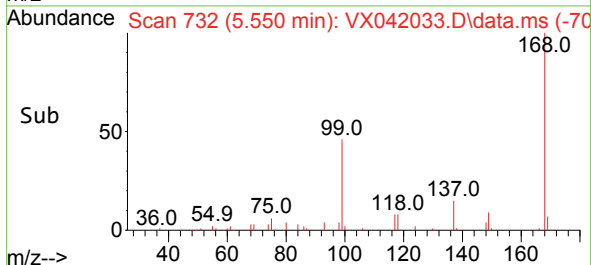
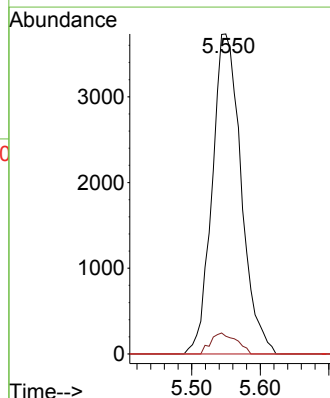
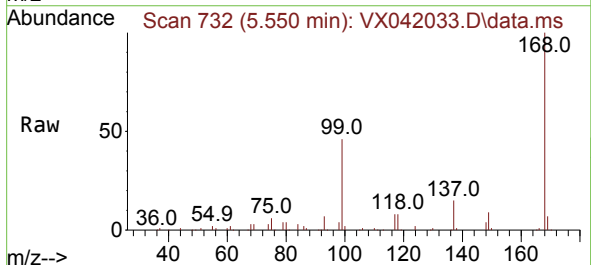
Instrument :
MSVOA_X
ClientSampleId :

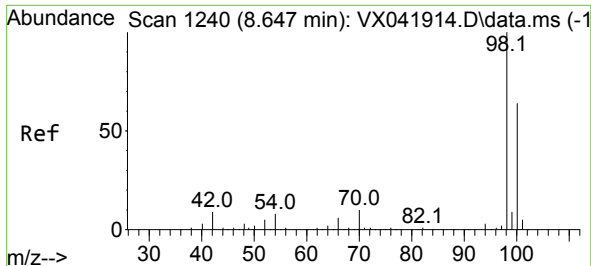
Tgt Ion: 75 Resp: 7760
Ion Ratio Lower Upper
75 100
110 10.3 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.333 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX042033.D
Acq: 25 Jun 2024 15:33

Tgt Ion: 117 Resp: 10973
Ion Ratio Lower Upper
117 100
119 5.6 78.2 117.2#
121 0.0 24.4 36.6#

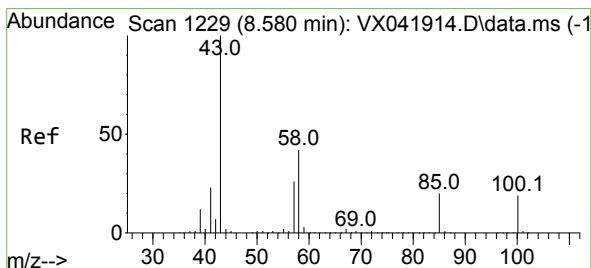
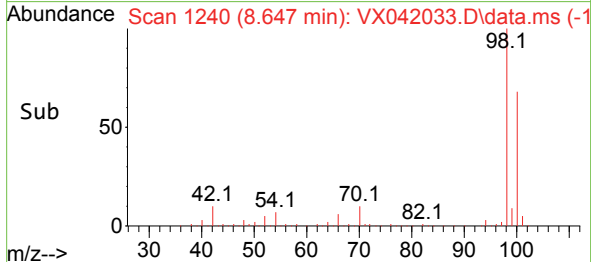
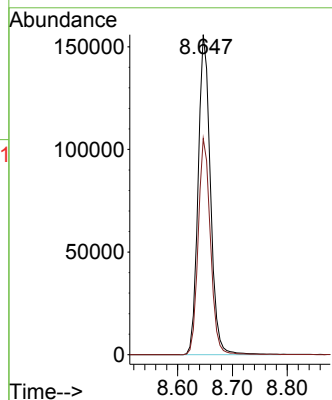
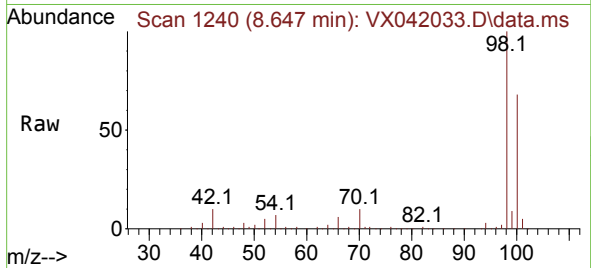




#50
Toluene-d8
Concen: 47.003 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX042033.D
Acq: 25 Jun 2024 15:33

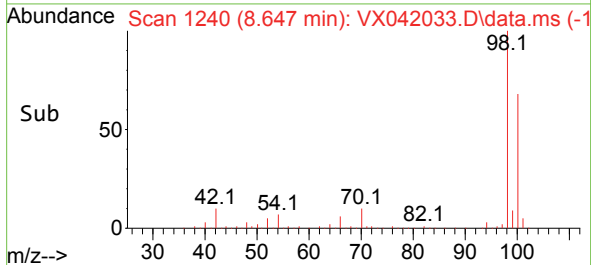
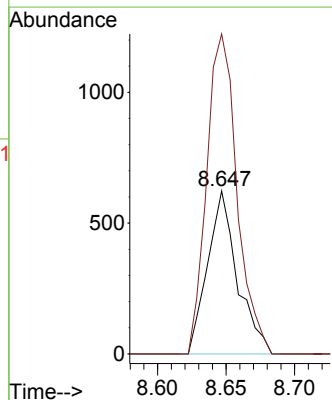
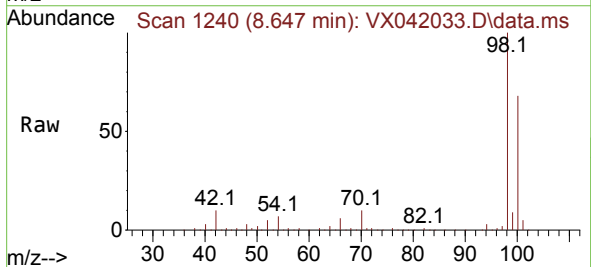
Instrument :
MSVOA_X
ClientSampleId :

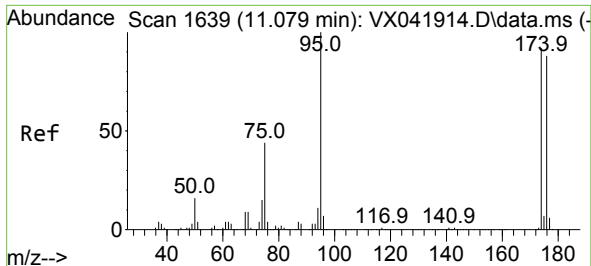
Tgt Ion: 98 Resp: 243854
Ion Ratio Lower Upper
98 100
100 67.2 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.435 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX042033.D
Acq: 25 Jun 2024 15:33

Tgt Ion: 43 Resp: 940
Ion Ratio Lower Upper
43 100
58 200.4 30.4 45.6#

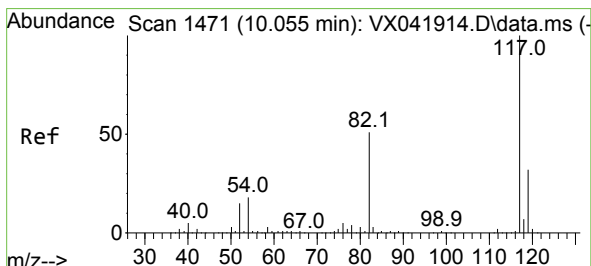
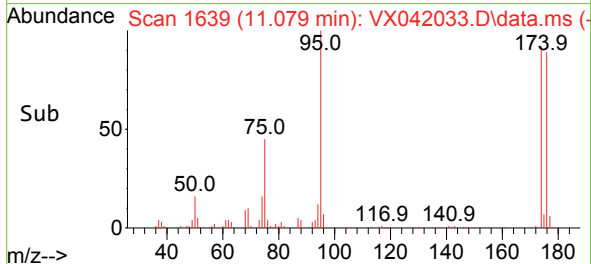
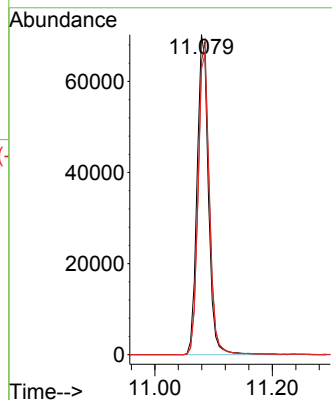
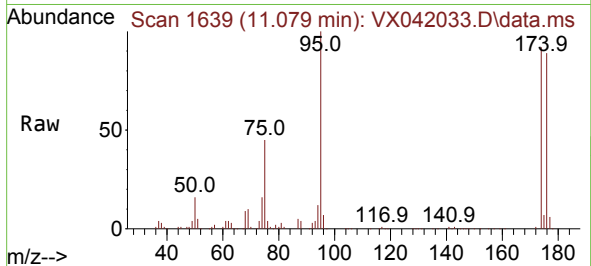




#62
4-Bromofluorobenzene
Concen: 48.929 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX042033.D
Acq: 25 Jun 2024 15:33

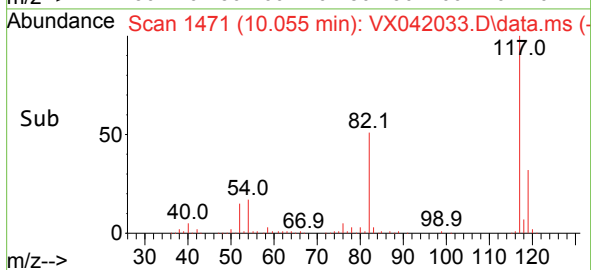
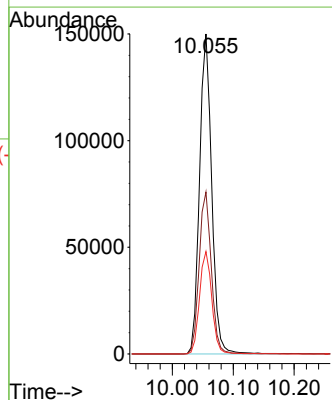
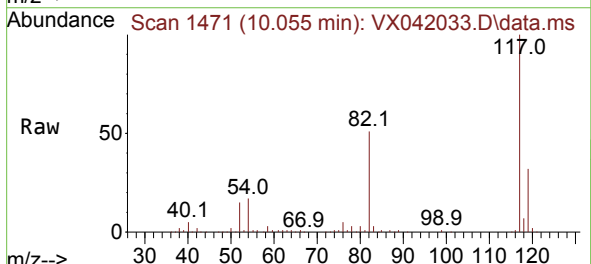
Instrument :
MSVOA_X
ClientSampleId :

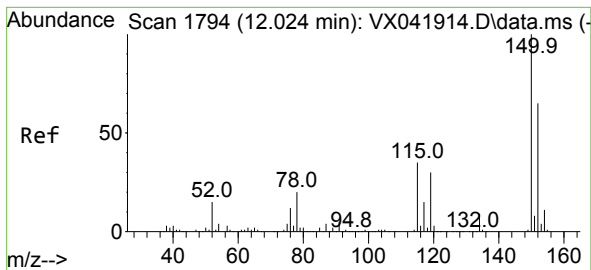
Tgt Ion: 95 Resp: 93573
Ion Ratio Lower Upper
95 100
174 97.8 0.0 135.6
176 94.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042033.D
Acq: 25 Jun 2024 15:33

Tgt Ion: 117 Resp: 207453
Ion Ratio Lower Upper
117 100
82 50.6 46.2 69.4
119 32.0 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: VX042033.D

Acq: 25 Jun 2024 15:33

Instrument :

MSVOA_X

ClientSampleId :

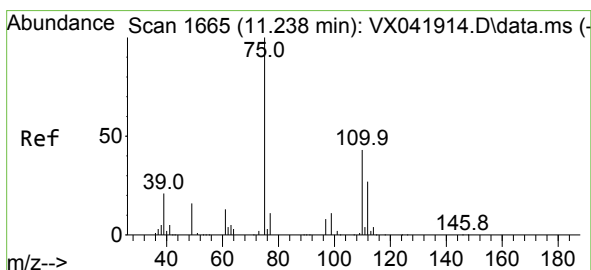
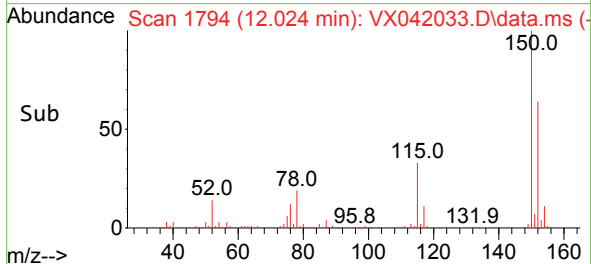
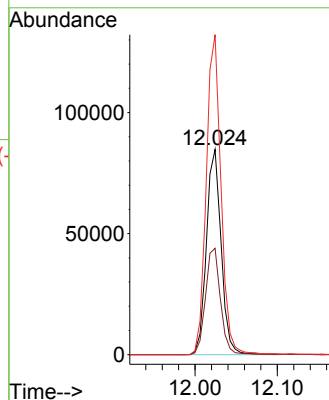
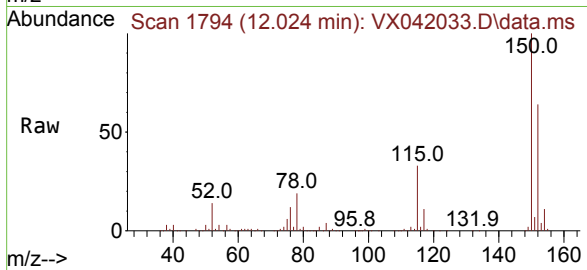
Tgt Ion:152 Resp: 105564

Ion Ratio Lower Upper

152 100

115 52.9 43.3 129.9

150 156.0 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 21.940 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX042033.D

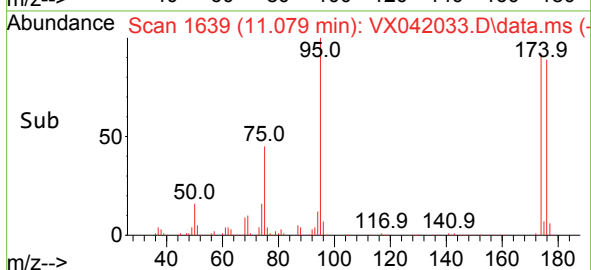
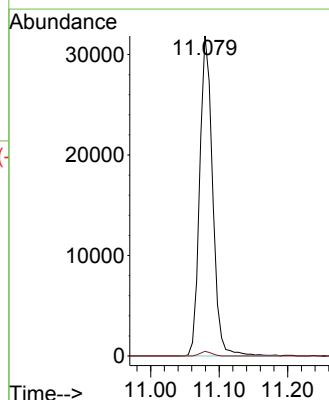
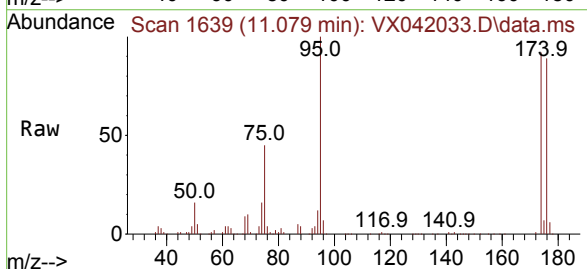
Acq: 25 Jun 2024 15:33

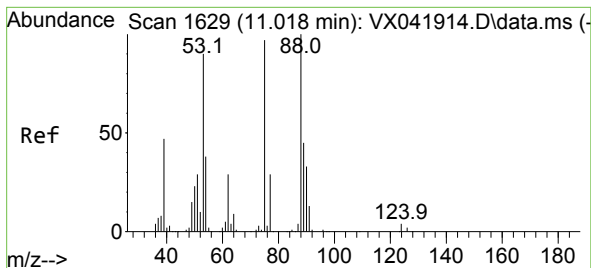
Tgt Ion: 75 Resp: 42046

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#

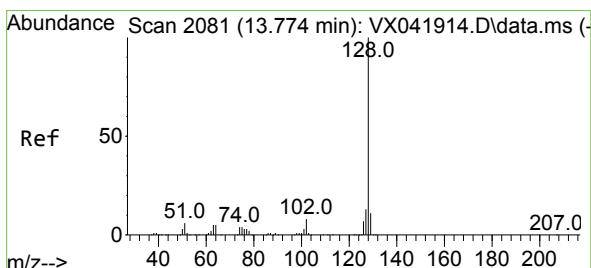
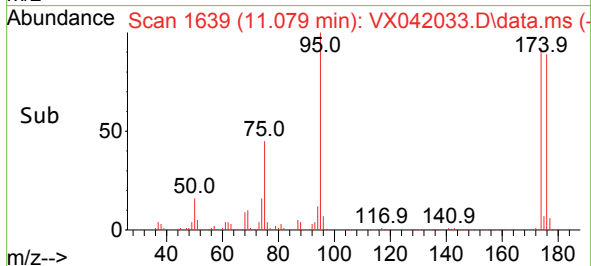
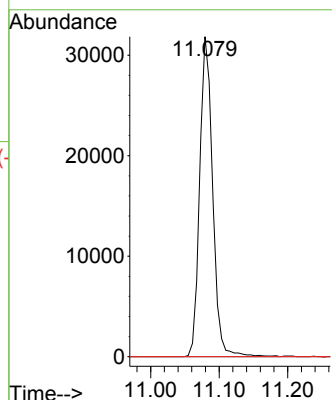
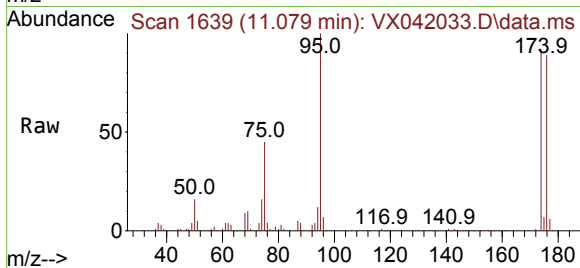




#81
trans-1,4-Dichloro-2-butene
Concen: 62.308 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX042033.D
Acq: 25 Jun 2024 15:33

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 42046
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 1.170 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX042033.D
Acq: 25 Jun 2024 15:33

Tgt Ion:128 Resp: 3240
Ion Ratio Lower Upper
128 100
127 11.4 10.3 15.5
129 9.8 8.8 13.2

