

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070524\
 Data File : VX042200.D
 Acq On : 05 Jul 2024 09:46
 Operator : JC/MD
 Sample : VX0705MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 05 23:16:59 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

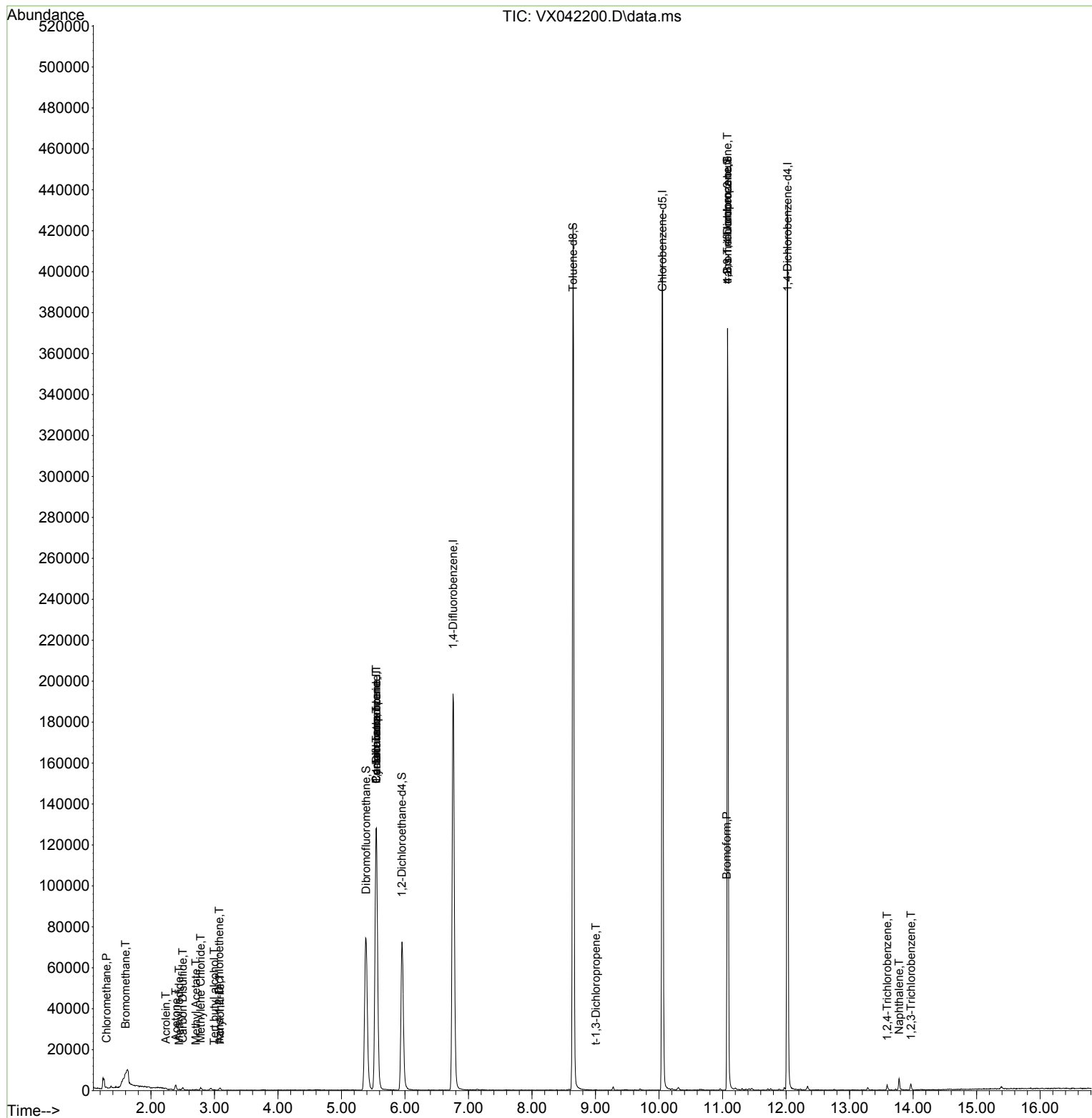
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.549	168	144795	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	220627	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	217091	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107559	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	70092	41.980	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	83.960%
35) Dibromofluoromethane	5.385	113	68558	43.794	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.580%
50) Toluene-d8	8.646	98	256650	46.667	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.340%
62) 4-Bromofluorobenzene	11.079	95	96734	47.716	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.440%
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	372	0.269	ug/l	92
5) Bromomethane	1.599	94	719	1.050	ug/l	# 75
6) Chloroethane	1.678	64	84	Below Cal	#	43
10) Methyl Iodide	2.446	142	357	0.229	ug/l	# 41
11) Tert butyl alcohol	2.995	59	276	0.871	ug/l	# 78
13) Acrolein	2.233	56	259	0.729	ug/l	# 83
15) Acrylonitrile	3.087	53	459	0.555	ug/l	# 62
16) Acetone	2.392	43	2379	3.245	ug/l	# 86
17) Carbon Disulfide	2.501	76	1438	0.565	ug/l	# 76
18) Methyl Acetate	2.709	43	422	0.211	ug/l	# 78
20) Methylene Chloride	2.782	84	514	0.320	ug/l	# 93
21) trans-1,2-Dichloroethene	3.074	96	289	0.228	ug/l	# 57
31) Cyclohexane	5.549	56	1950	0.999	ug/l	# 1
36) 1,1-Dichloropropene	5.549	75	8073	4.856	ug/l	# 51
38) Carbon Tetrachloride	5.549	117	11987	6.526	ug/l	# 15
53) t-1,3-Dichloropropene	9.006	75	200	0.995	ug/l	# 43
71) Bromoform	11.067	173	50	0.909	ug/l	# 29
76) 1,2,3-Trichloropropane	11.079	75	43794	22.428	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	43794	63.694	ug/l	# 5
93) 1,2,4-Trichlorobenzene	13.591	180	944	0.411	ug/l	94
95) Naphthalene	13.780	128	4776	1.358	ug/l	98
96) 1,2,3-Trichlorobenzene	13.969	180	1189	0.491	ug/l	91

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

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Sample : VX0705MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

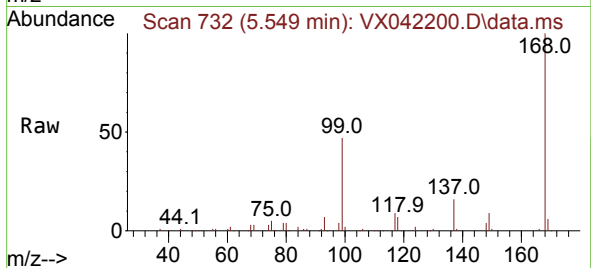
Quant Time: Jul 05 23:16:59 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 21 23:51:58 2024
Response via : Initial Calibration



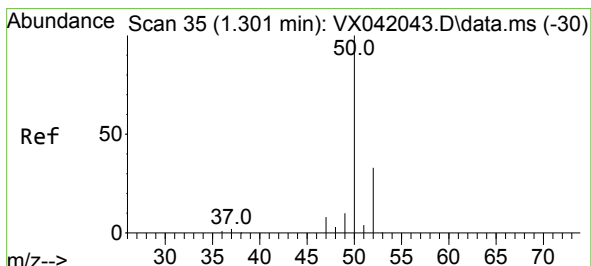
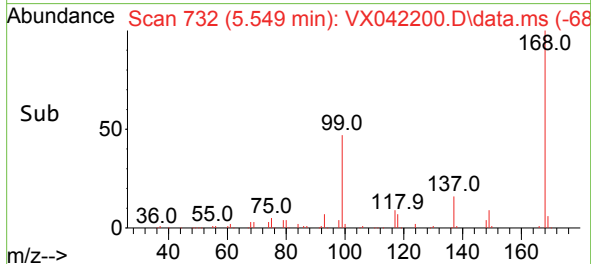
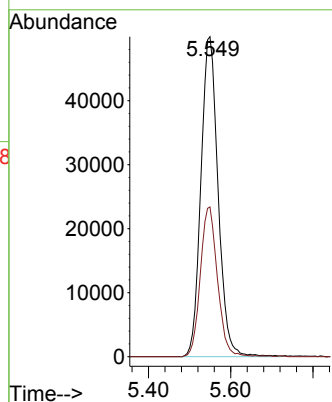


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX042200.D
Acq: 05 Jul 2024 09:46

Instrument :
MSVOA_X
ClientSampleId :

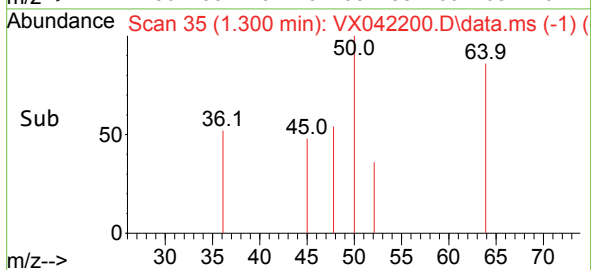
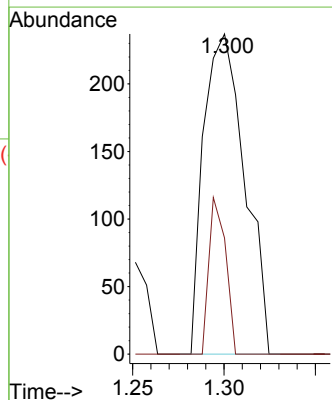
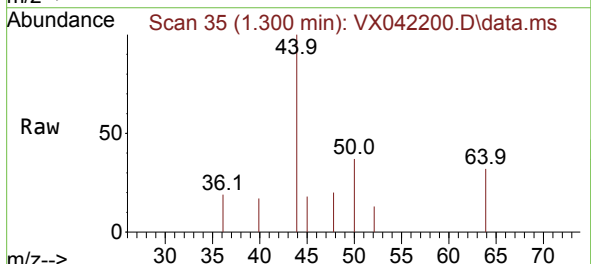


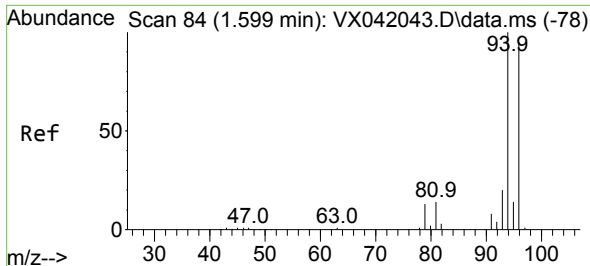
Tgt Ion:168 Resp: 144795
Ion Ratio Lower Upper
168 100
99 46.8 56.6 85.0#



#3
Chloromethane
Concen: 0.269 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX042200.D
Acq: 05 Jul 2024 09:46

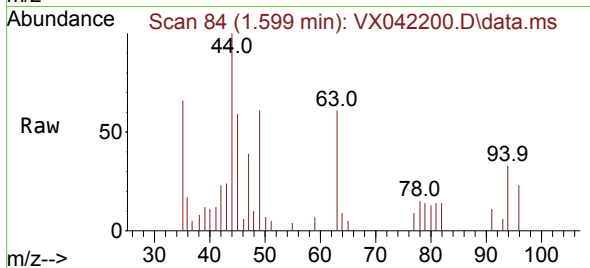
Tgt Ion: 50 Resp: 372
Ion Ratio Lower Upper
50 100
52 36.3 25.5 38.3



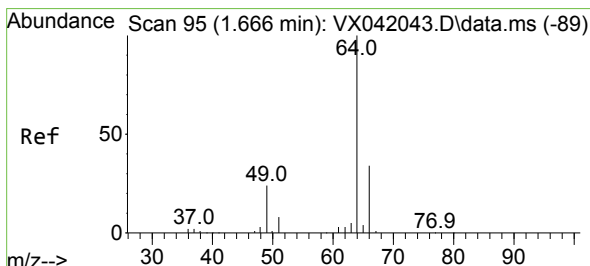
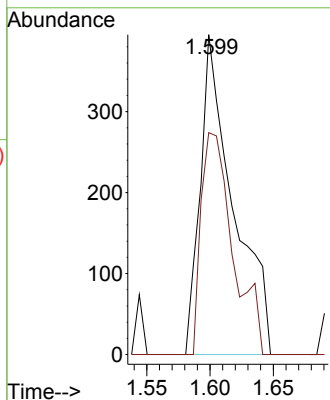
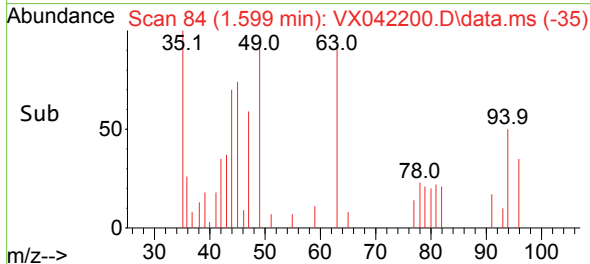


#5
Bromomethane
Concen: 1.050 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX042200.D
Acq: 05 Jul 2024 09:46

Instrument :
MSVOA_X
ClientSampleId :

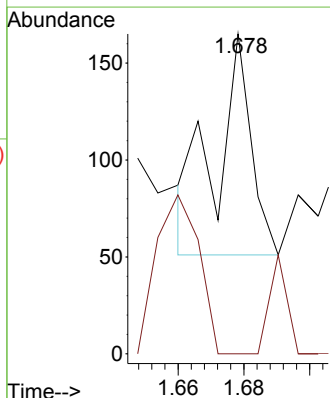
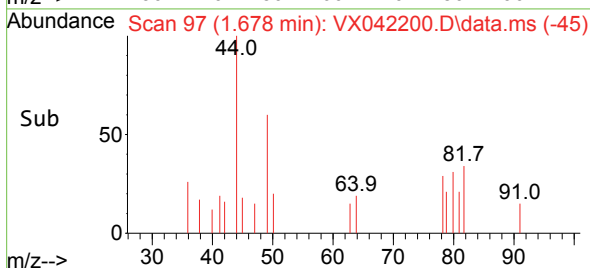
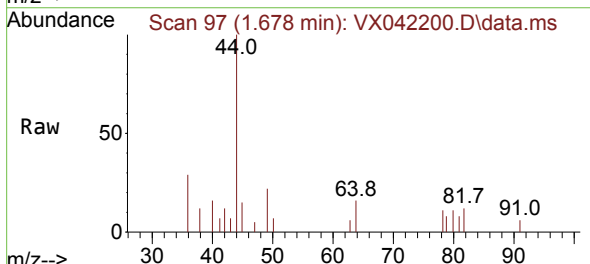


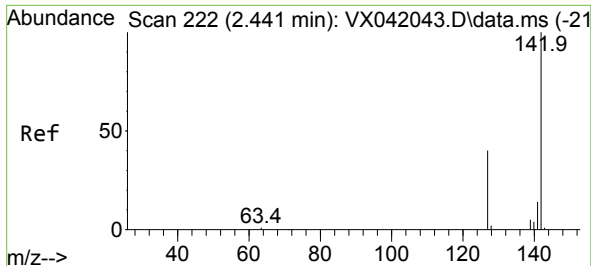
Tgt Ion: 94 Resp: 719
Ion Ratio Lower Upper
94 100
96 69.4 74.6 111.8#



#6
Chloroethane
Concen: Below Cal
RT: 1.678 min Scan# 97
Delta R.T. 0.018 min
Lab File: VX042200.D
Acq: 05 Jul 2024 09:46

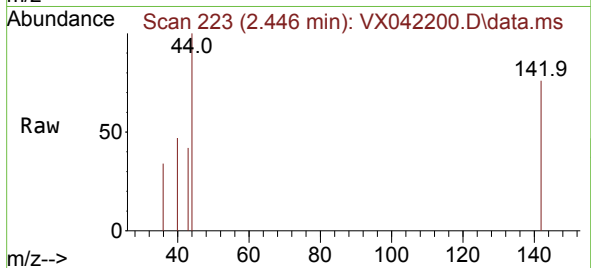
Tgt Ion: 64 Resp: 84
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



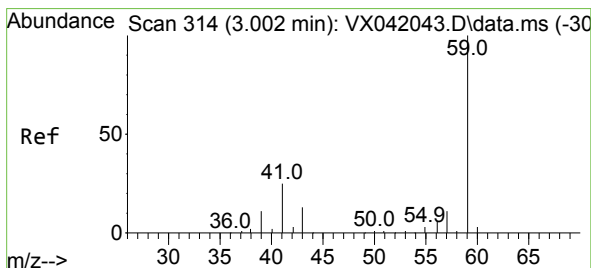
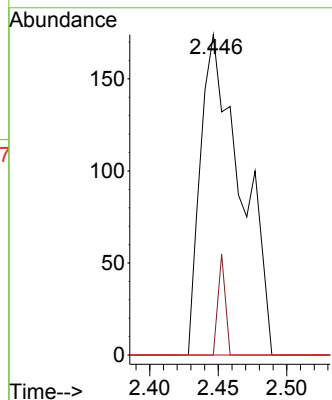
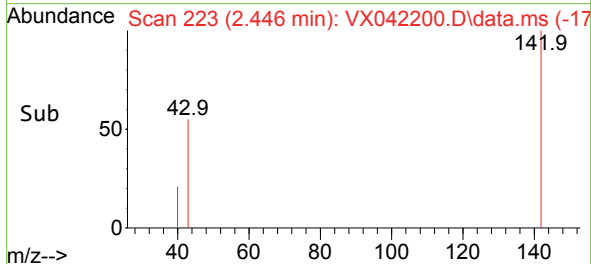


#10
Methyl Iodide
Concen: 0.229 ug/l
RT: 2.446 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX042200.D
Acq: 05 Jul 2024 09:46

Instrument :
MSVOA_X
ClientSampleId :

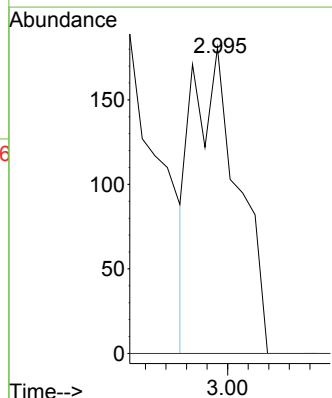
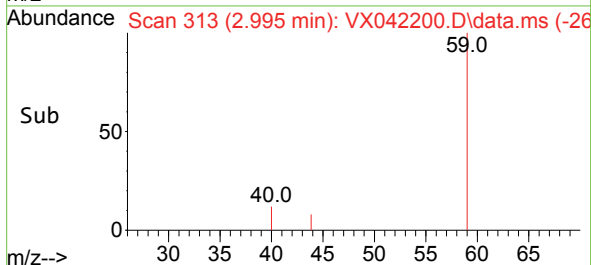
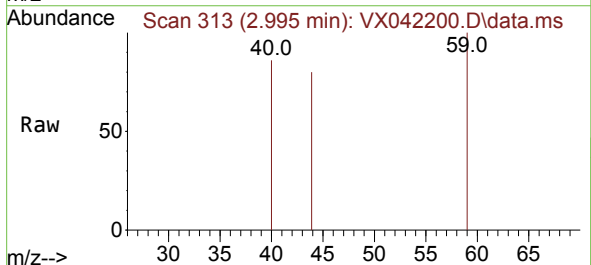


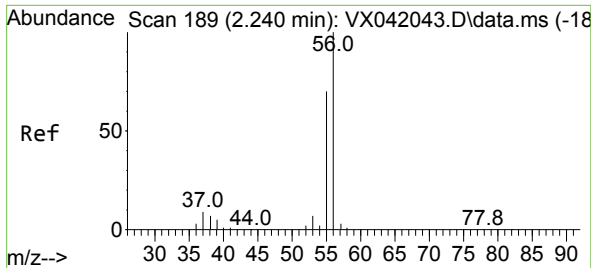
Tgt Ion:142 Resp: 357
Ion Ratio Lower Upper
142 100
127 5.6 41.6 62.4#
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 0.871 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.012 min
Lab File: VX042200.D
Acq: 05 Jul 2024 09:46

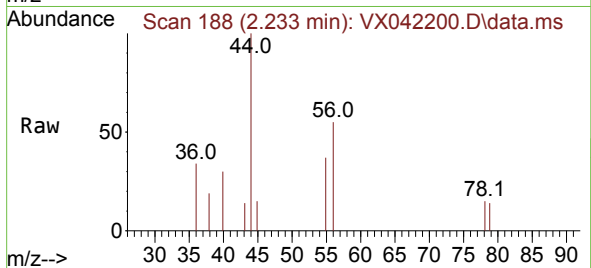
Tgt Ion: 59 Resp: 276
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



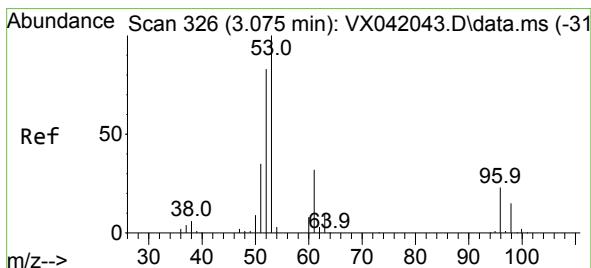
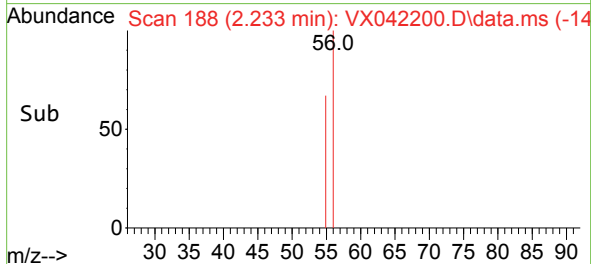
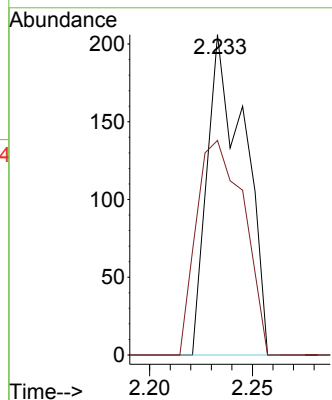


#13
Acrolein
Concen: 0.729 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX042200.D
Acq: 05 Jul 2024 09:46

Instrument :
MSVOA_X
ClientSampleId :

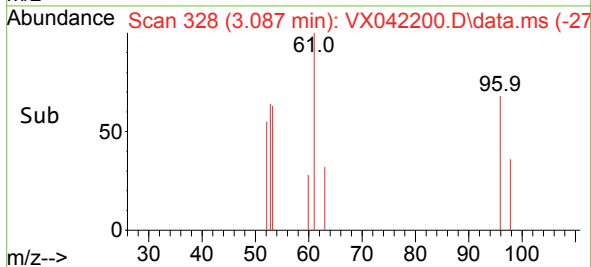
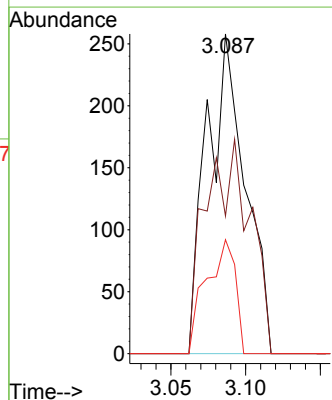
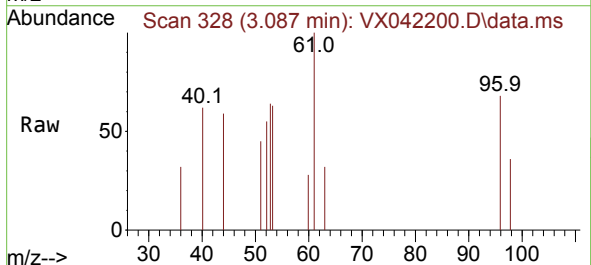


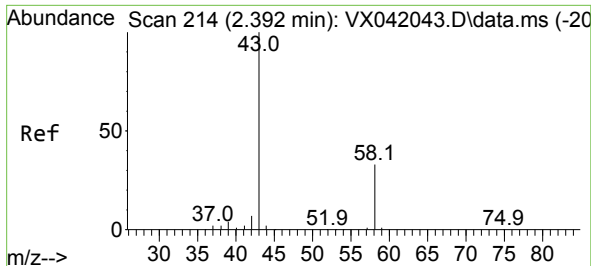
Tgt Ion: 56 Resp: 259
Ion Ratio Lower Upper
56 100
55 85.7 57.1 85.7#



#15
Acrylonitrile
Concen: 0.555 ug/l
RT: 3.087 min Scan# 328
Delta R.T. 0.012 min
Lab File: VX042200.D
Acq: 05 Jul 2024 09:46

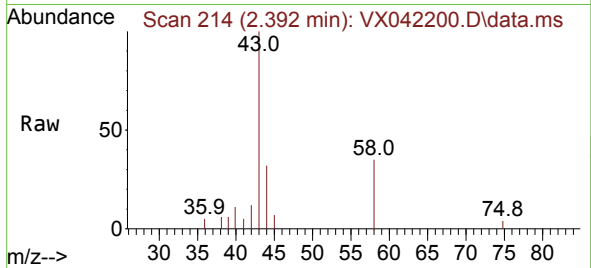
Tgt Ion: 53 Resp: 459
Ion Ratio Lower Upper
53 100
52 39.9 66.0 99.0#
51 27.0 29.8 44.6#



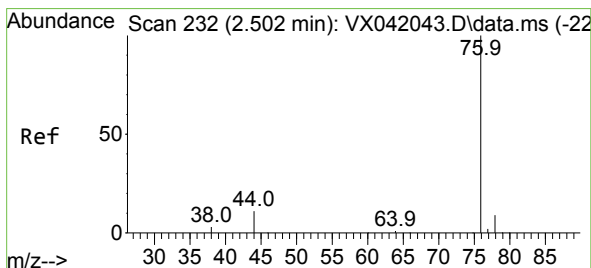
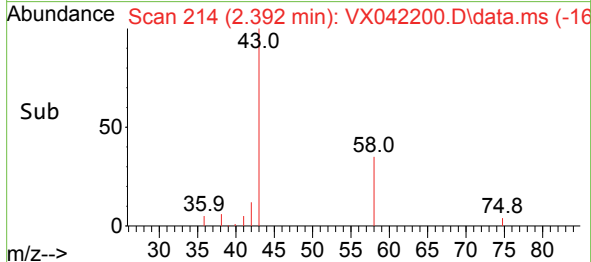
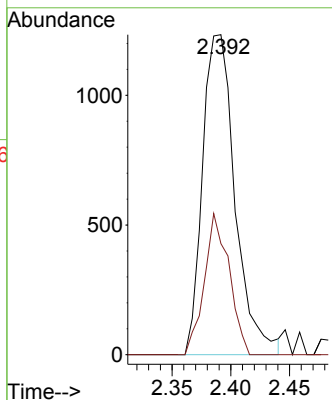


#16
Acetone
Concen: 3.245 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX042200.D
Acq: 05 Jul 2024 09:46

Instrument :
MSVOA_X
ClientSampleId :

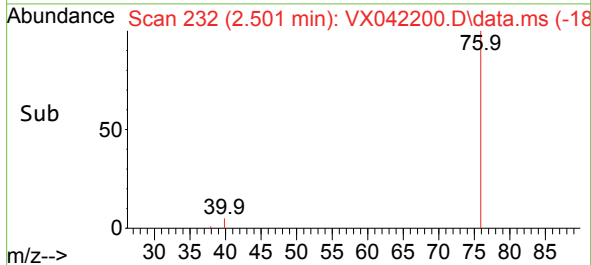
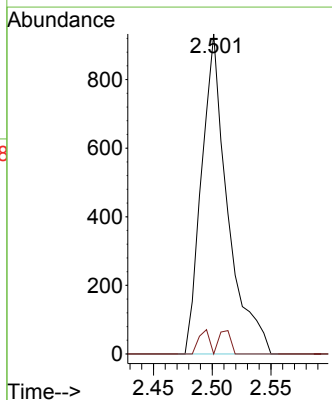
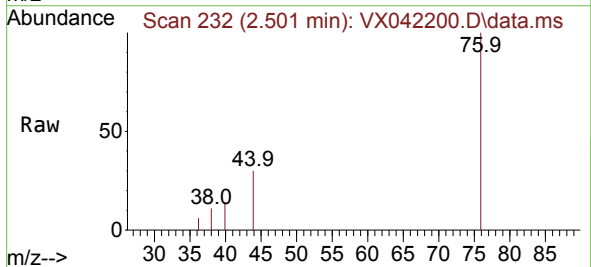


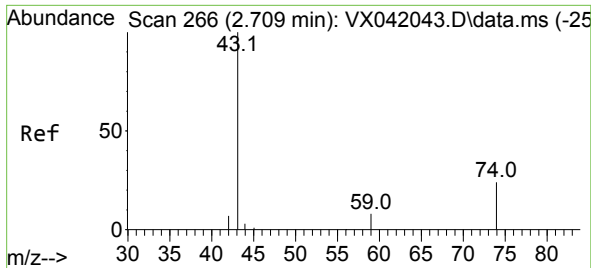
Tgt Ion: 43 Resp: 2379
Ion Ratio Lower Upper
43 100
58 34.7 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.565 ug/l
RT: 2.501 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX042200.D
Acq: 05 Jul 2024 09:46

Tgt Ion: 76 Resp: 1438
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#

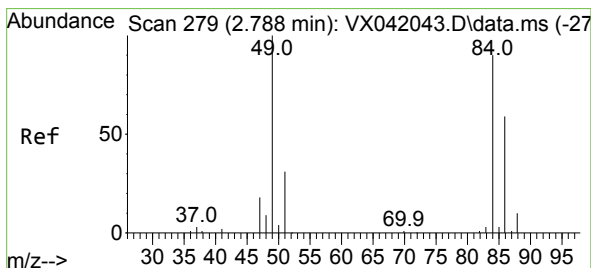
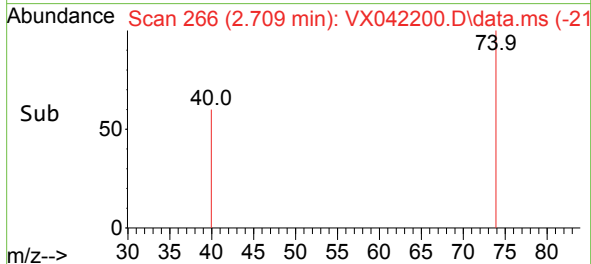
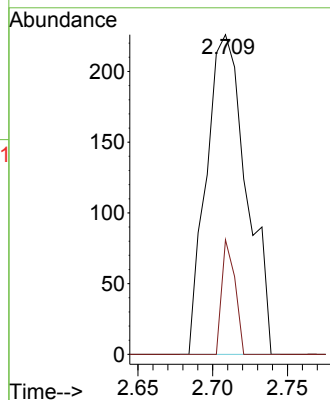
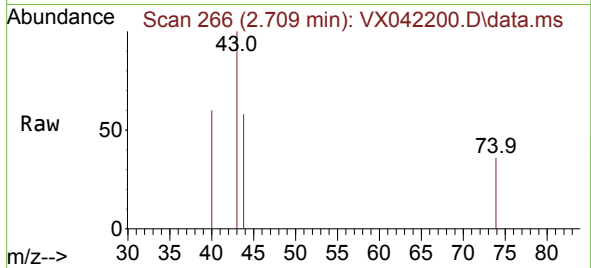




#18
Methyl Acetate
Concen: 0.211 ug/l
RT: 2.709 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX042200.D
Acq: 05 Jul 2024 09:46

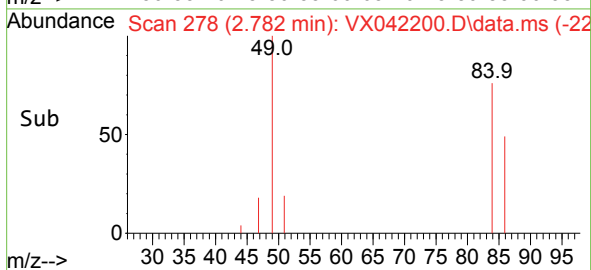
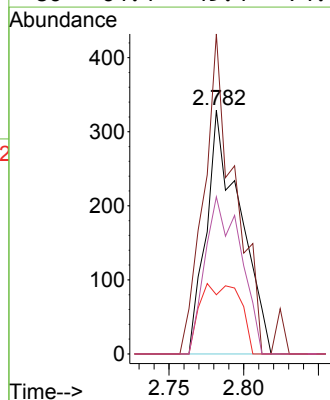
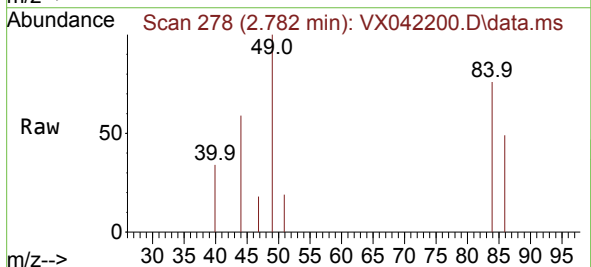
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MSVOA_X
ClientSampleId :

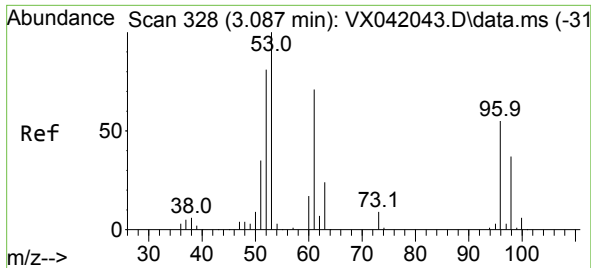
Tgt Ion: 43 Resp: 422
Ion Ratio Lower Upper
43 100
74 11.8 17.8 26.8#



#20
Methylene Chloride
Concen: 0.320 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX042200.D
Acq: 05 Jul 2024 09:46

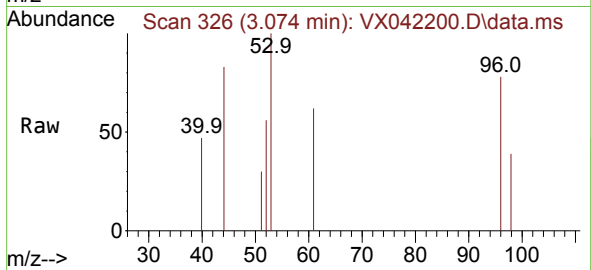
Tgt Ion: 84 Resp: 514
Ion Ratio Lower Upper
84 100
49 131.3 103.6 155.4
51 24.3 33.8 50.6#
86 64.4 49.4 74.0



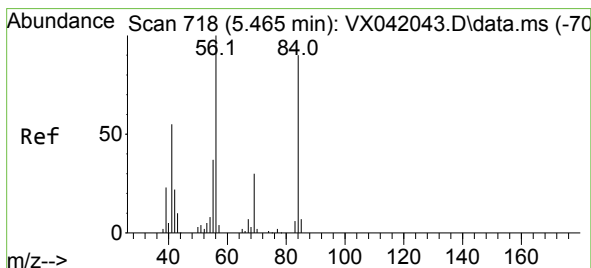
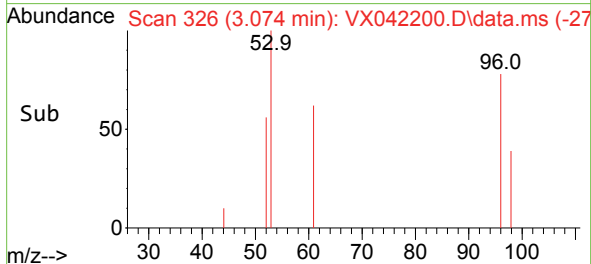
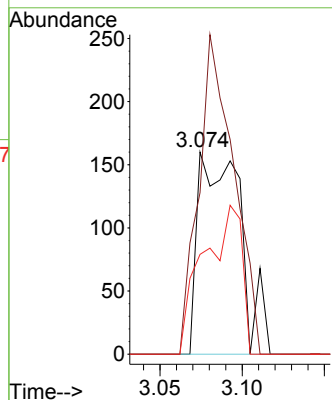


#21
trans-1,2-Dichloroethene
Concen: 0.228 ug/l
RT: 3.074 min Scan# 31
Delta R.T. -0.012 min
Lab File: VX042200.D
Acq: 05 Jul 2024 09:46

Instrument :
MSVOA_X
ClientSampleId :

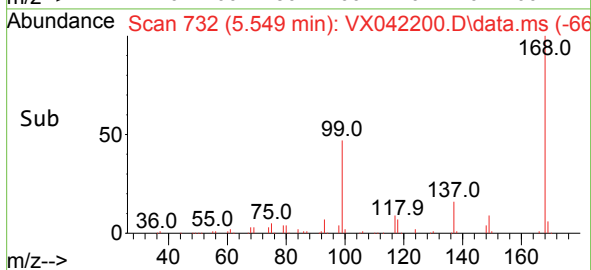
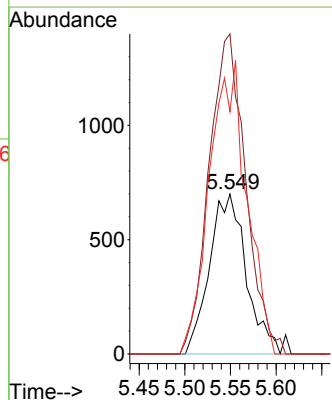
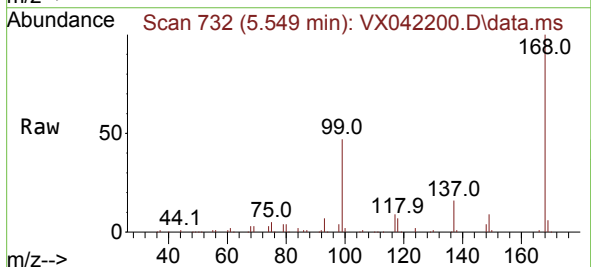


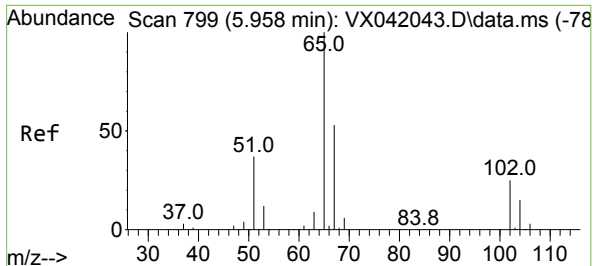
Tgt Ion: 96 Resp: 289
Ion Ratio Lower Upper
96 100
61 80.0 119.2 178.8#
98 49.4 48.7 73.1



#31
Cyclohexane
Concen: 0.999 ug/l
RT: 5.549 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX042200.D
Acq: 05 Jul 2024 09:46

Tgt Ion: 56 Resp: 1950
Ion Ratio Lower Upper
56 100
69 200.3 23.4 35.2#
84 151.6 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 41.980 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX042200.D

Acq: 05 Jul 2024 09:46

Instrument :

MSVOA_X

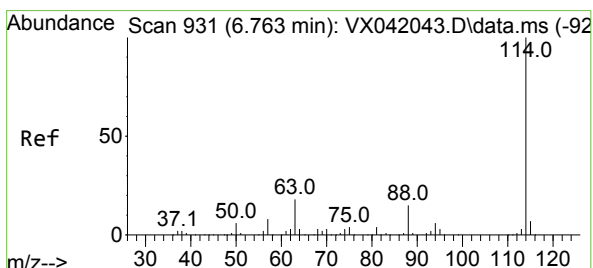
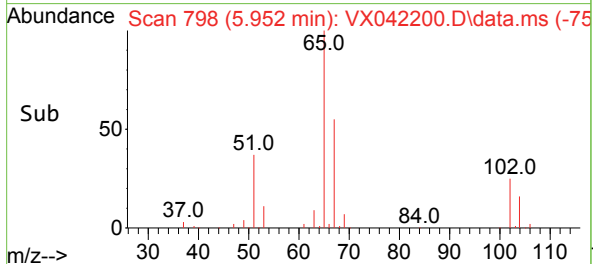
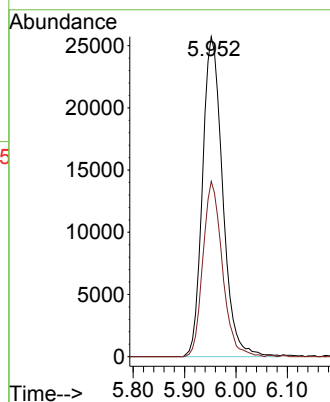
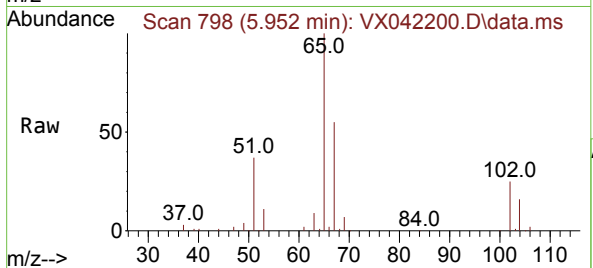
ClientSampleId :

Tgt Ion: 65 Resp: 70092

Ion Ratio Lower Upper

65 100

67 52.8 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX042200.D

Acq: 05 Jul 2024 09:46

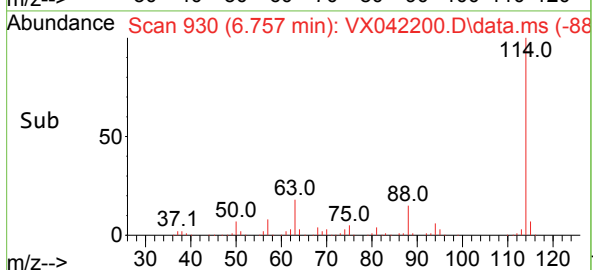
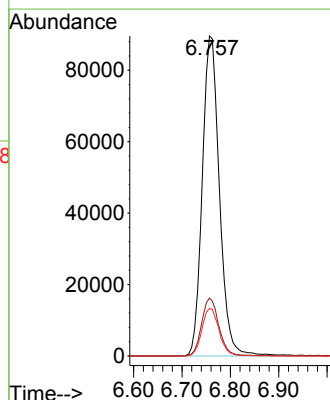
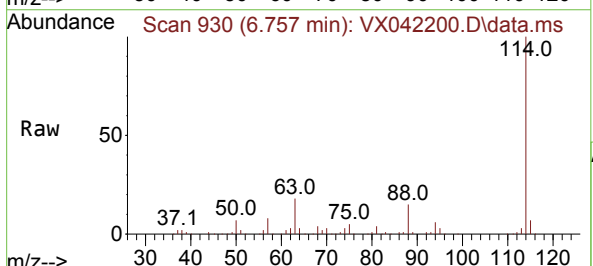
Tgt Ion: 114 Resp: 220627

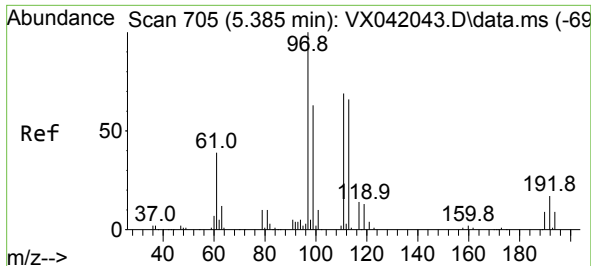
Ion Ratio Lower Upper

114 100

63 18.1 0.0 45.0

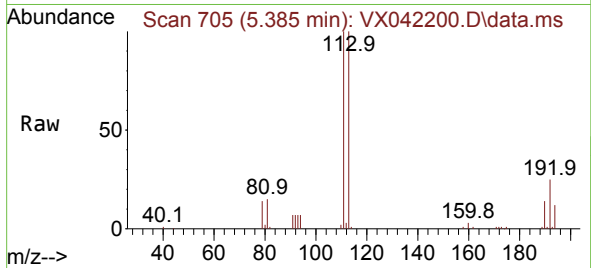
88 14.8 0.0 36.6



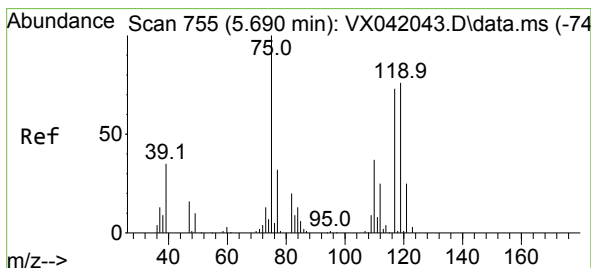
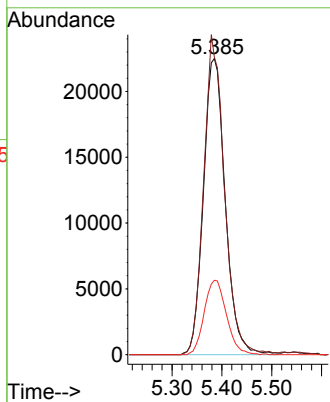
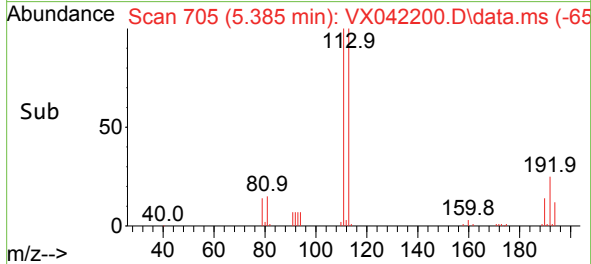


#35
Dibromofluoromethane
Concen: 43.794 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042200.D
Acq: 05 Jul 2024 09:46

Instrument :
MSVOA_X
ClientSampleId :

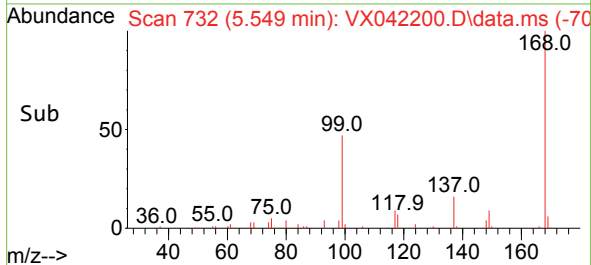
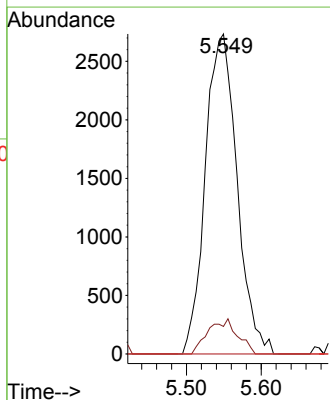
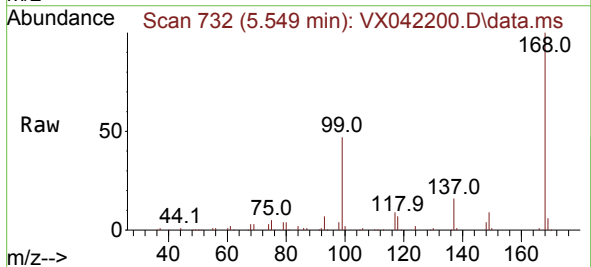


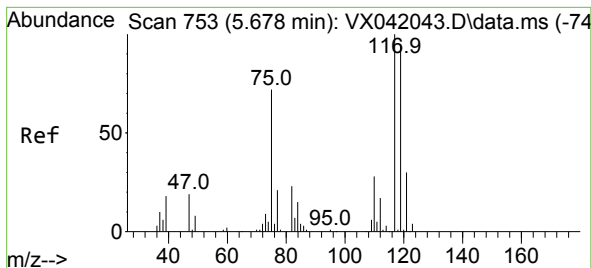
Tgt Ion:113 Resp: 68558
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 25.5 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 4.856 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX042200.D
Acq: 05 Jul 2024 09:46

Tgt Ion: 75 Resp: 8073
Ion Ratio Lower Upper
75 100
110 10.1 17.0 50.9#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 6.526 ug/l

RT: 5.549 min Scan# 71

Delta R.T. -0.128 min

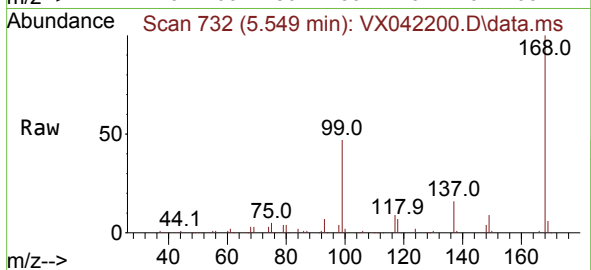
Lab File: VX042200.D

Acq: 05 Jul 2024 09:46

Instrument :

MSVOA_X

ClientSampleId :



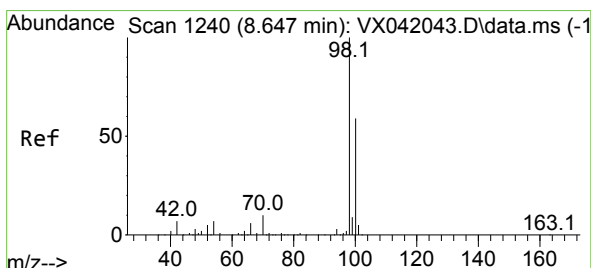
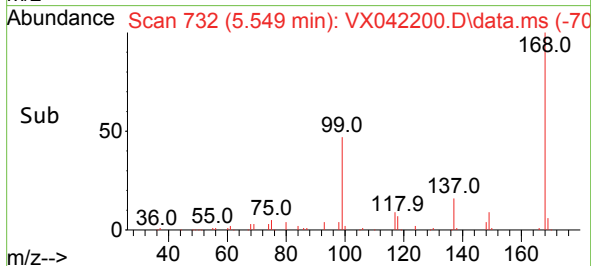
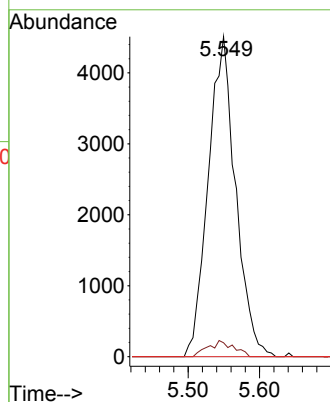
Tgt Ion:117 Resp: 11987

Ion Ratio Lower Upper

117 100

119 4.4 78.2 117.2#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 46.667 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX042200.D

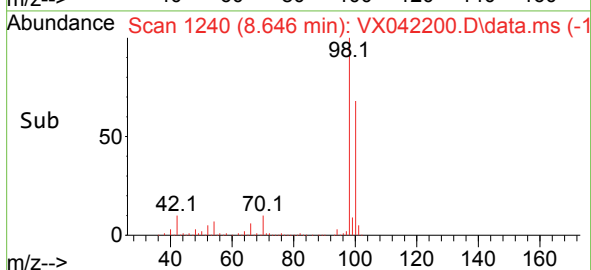
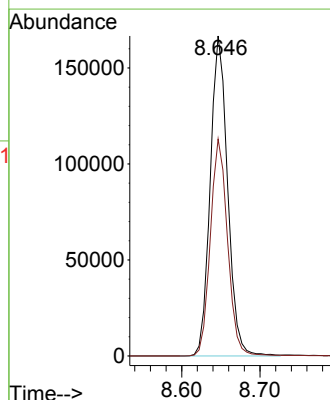
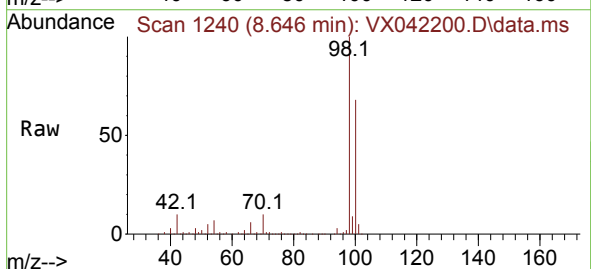
Acq: 05 Jul 2024 09:46

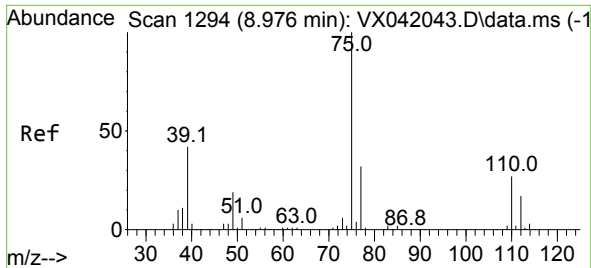
Tgt Ion: 98 Resp: 256650

Ion Ratio Lower Upper

98 100

100 67.3 53.1 79.7

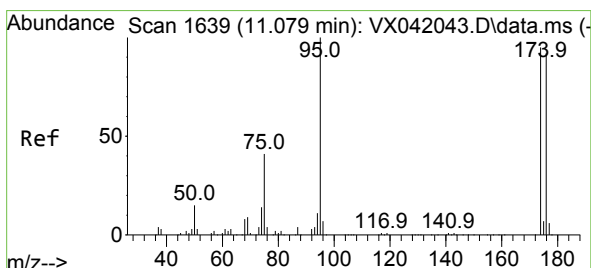
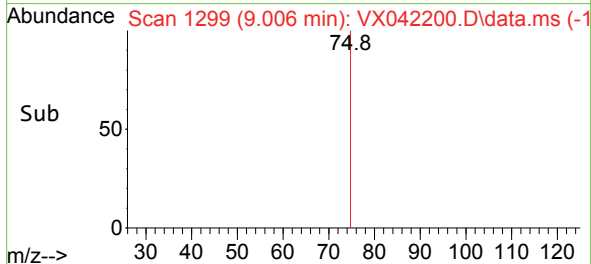
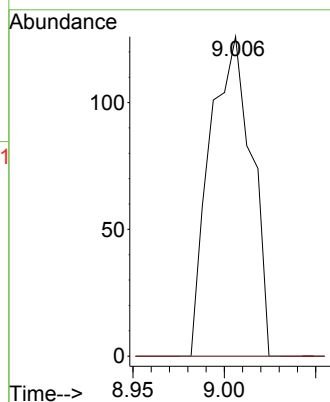
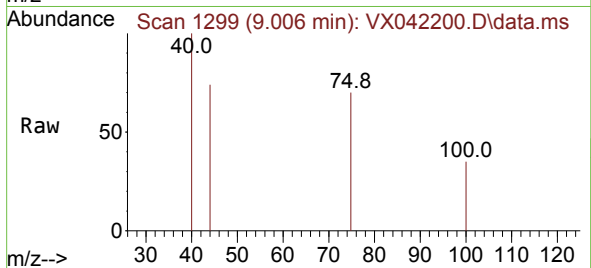




#53
t-1,3-Dichloropropene
Concen: 0.995 ug/l
RT: 9.006 min Scan# 11
Delta R.T. 0.024 min
Lab File: VX042200.D
Acq: 05 Jul 2024 09:46

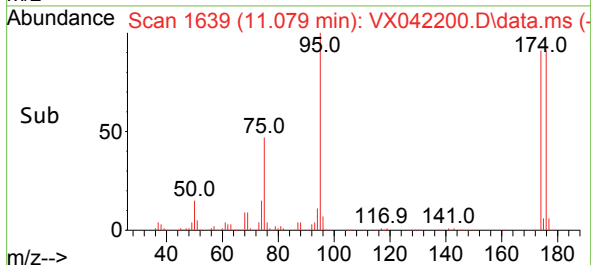
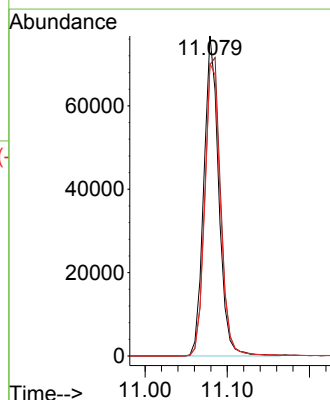
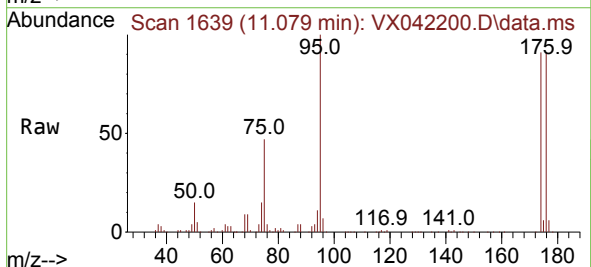
Instrument :
MSVOA_X
ClientSampleId :

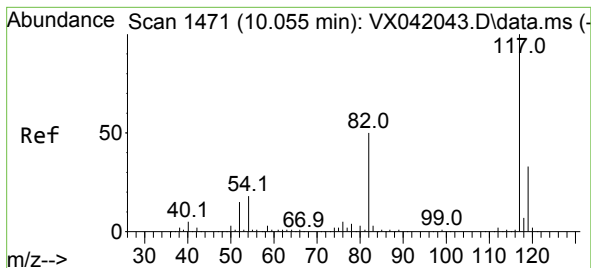
Tgt Ion: 75 Resp: 200
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#



#62
4-Bromofluorobenzene
Concen: 47.716 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042200.D
Acq: 05 Jul 2024 09:46

Tgt Ion: 95 Resp: 96734
Ion Ratio Lower Upper
95 100
174 99.5 0.0 135.6
176 95.2 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

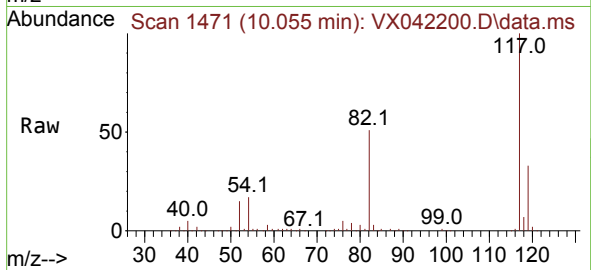
Lab File: VX042200.D

Acq: 05 Jul 2024 09:46

Instrument :

MSVOA_X

ClientSampleId :



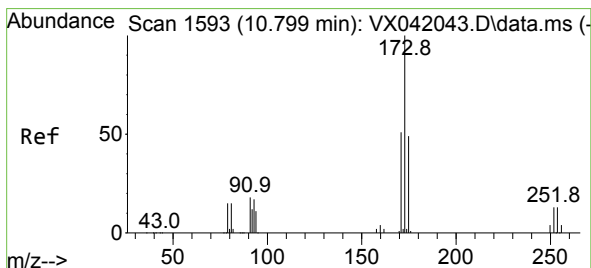
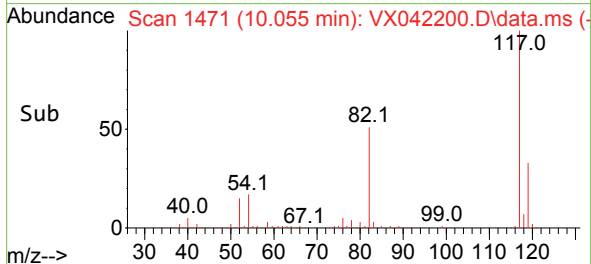
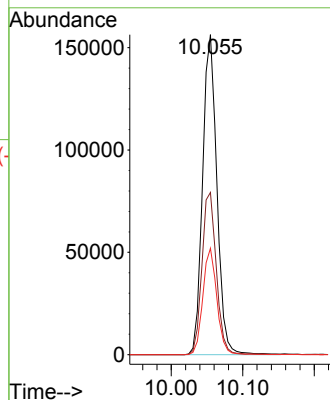
Tgt Ion:117 Resp: 217091

Ion Ratio Lower Upper

117 100

82 50.7 46.2 69.4

119 33.2 25.5 38.3



#71

Bromoform

Concen: 0.909 ug/l

RT: 11.067 min Scan# 1637

Delta R.T. 0.268 min

Lab File: VX042200.D

Acq: 05 Jul 2024 09:46

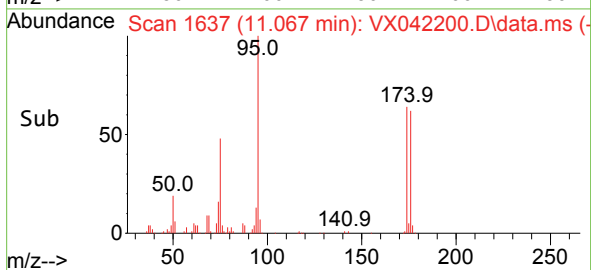
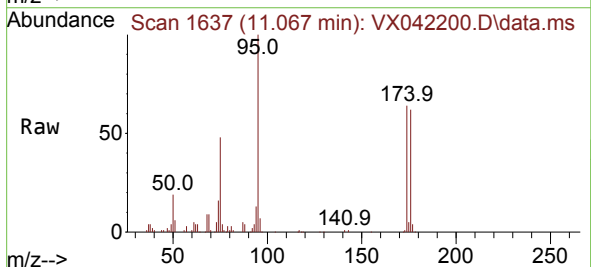
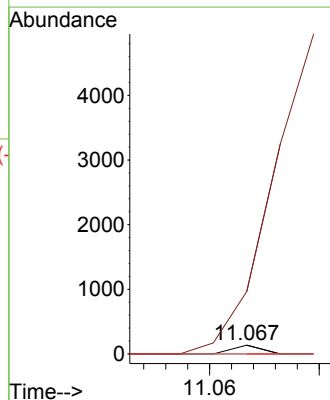
Tgt Ion:173 Resp: 50

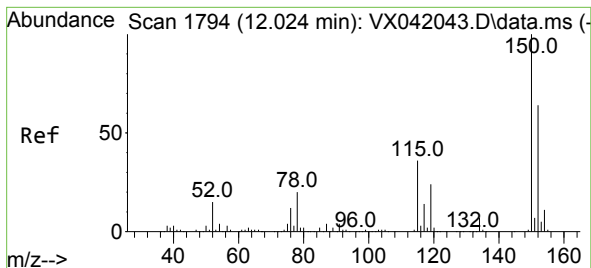
Ion Ratio Lower Upper

173 100

175 0.0 24.1 72.4#

254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX042200.D

Acq: 05 Jul 2024 09:46

Instrument :

MSVOA_X

ClientSampleId :

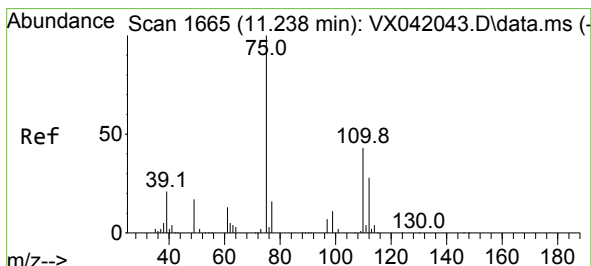
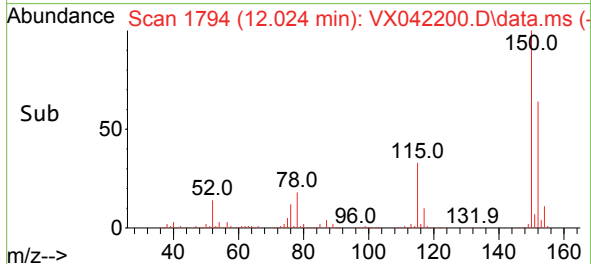
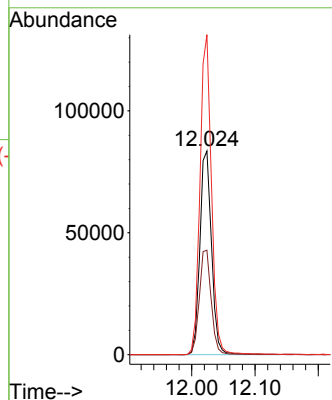
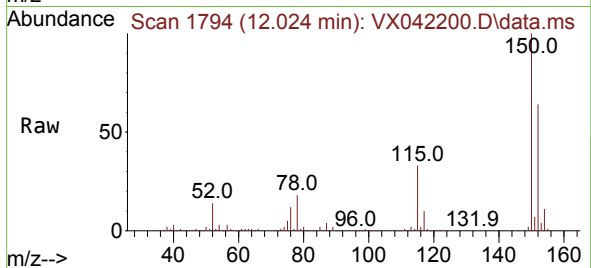
Tgt Ion:152 Resp: 107559

Ion Ratio Lower Upper

152 100

115 52.5 43.3 129.9

150 154.2 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.428 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX042200.D

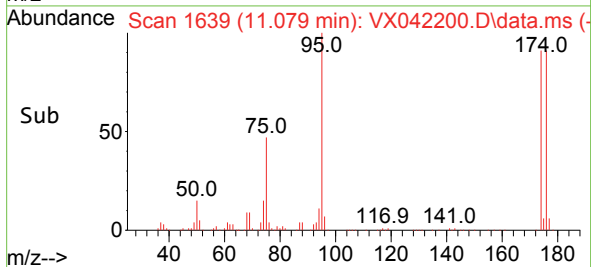
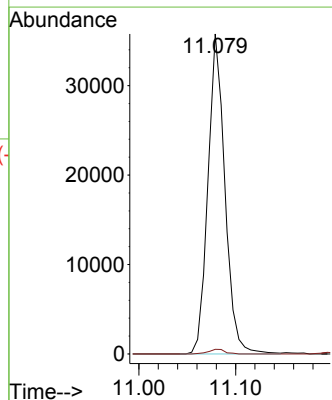
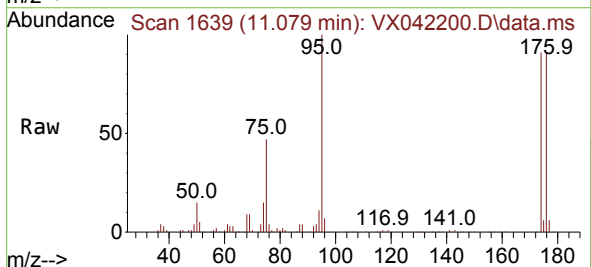
Acq: 05 Jul 2024 09:46

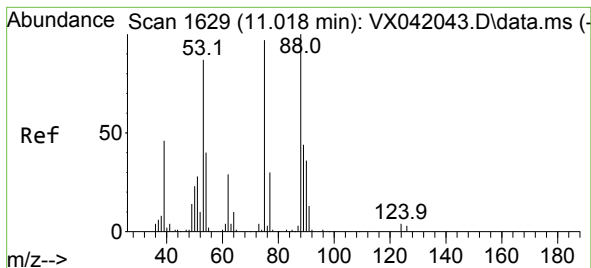
Tgt Ion: 75 Resp: 43794

Ion Ratio Lower Upper

75 100

77 1.4 19.1 57.5#

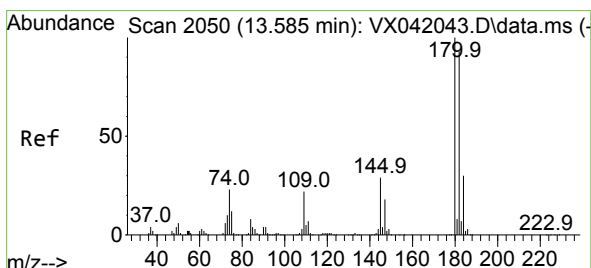
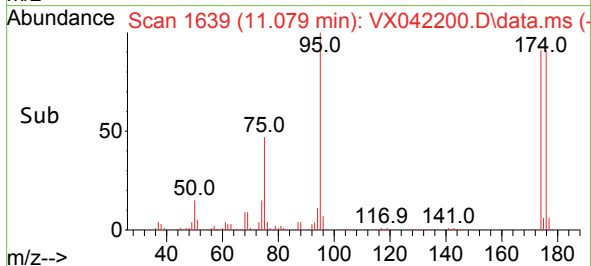
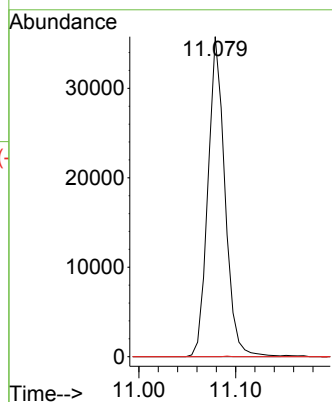
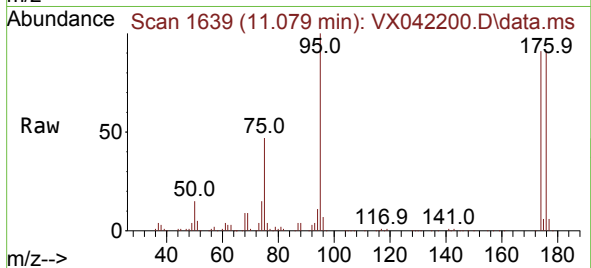




#81
trans-1,4-Dichloro-2-butene
Concen: 63.694 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX042200.D
Acq: 05 Jul 2024 09:46

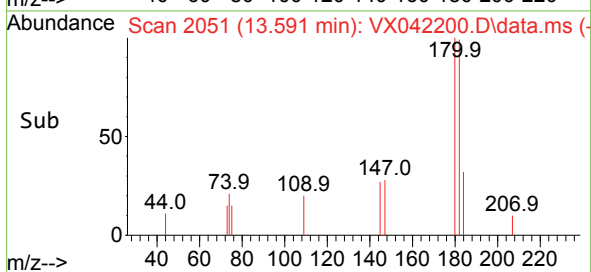
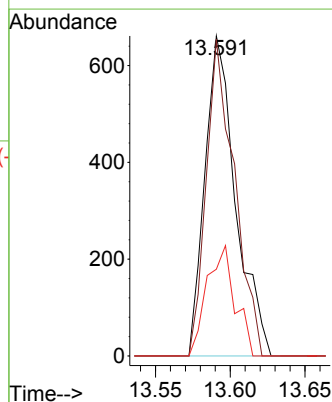
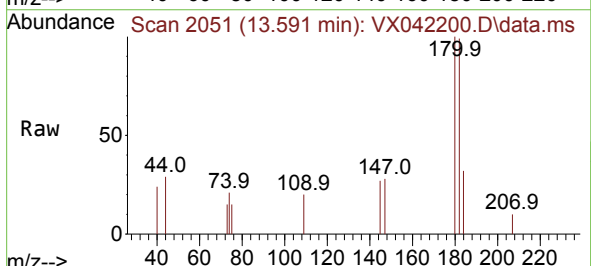
Instrument :
MSVOA_X
ClientSampleId :

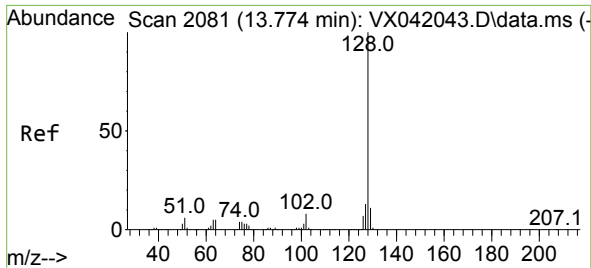
Tgt Ion: 75 Resp: 43794
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.1 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.411 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX042200.D
Acq: 05 Jul 2024 09:46

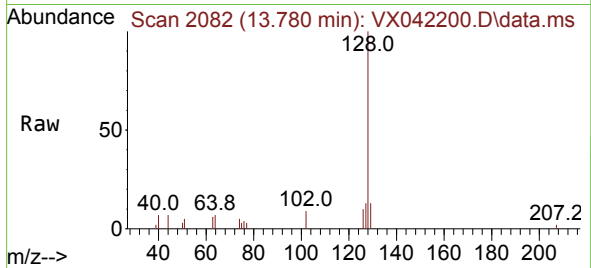
Tgt Ion: 180 Resp: 944
Ion Ratio Lower Upper
180 100
182 90.7 48.3 144.8
145 31.4 18.0 54.0



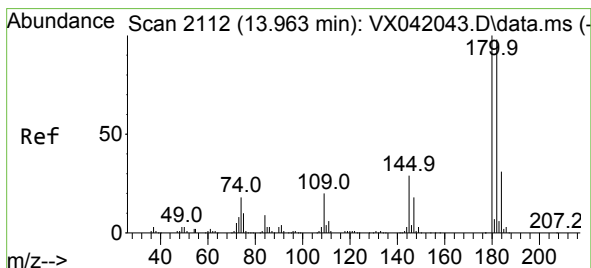
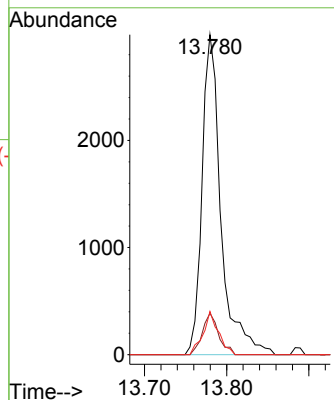


#95
Naphthalene
Concen: 1.358 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX042200.D
Acq: 05 Jul 2024 09:46

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 4776
Ion Ratio Lower Upper
128 100
127 11.1 10.3 15.5
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 0.491 ug/l
RT: 13.969 min Scan# 2113
Delta R.T. 0.006 min
Lab File: VX042200.D
Acq: 05 Jul 2024 09:46

Tgt Ion:180 Resp: 1189
Ion Ratio Lower Upper
180 100
182 87.6 46.9 140.6
145 26.7 17.8 53.5

