

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060324\
 Data File : VX041694.D
 Acq On : 03 Jun 2024 10:42
 Operator : JC/MD
 Sample : VX0603MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

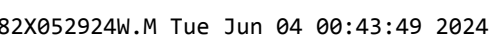
Quant Time: Jun 04 00:43:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 30 07:36:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	141654	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	214190	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	205486	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	102758	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	80887	46.558	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.120%		
35) Dibromofluoromethane	5.385	113	68261	46.094	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.180%		
50) Toluene-d8	8.647	98	252704	48.837	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.680%		
62) 4-Bromofluorobenzene	11.079	95	94155	49.301	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.600%		
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	281	0.207	ug/l	# 75
5) Bromomethane	1.605	94	452	0.464	ug/l	81
6) Chloroethane	1.666	64	209	0.247	ug/l	# 64
10) Methyl Iodide	2.441	142	353	0.219	ug/l	# 65
11) Tert butyl alcohol	2.947	59	1836	5.974	ug/l	# 78
13) Acrolein	2.233	56	237	0.828	ug/l	89
15) Acrylonitrile	3.093	53	454	0.602	ug/l	93
16) Acetone	2.392	43	6180	5.412	ug/l	95
17) Carbon Disulfide	2.501	76	1318	0.472	ug/l	98
18) Methyl Acetate	2.709	43	523	0.315	ug/l	# 64
20) Methylene Chloride	2.788	84	1178	0.758	ug/l	# 76
29) Tetrahydrofuran	5.044	42	303	0.445	ug/l	# 40
31) Cyclohexane	5.544	56	2633	1.284	ug/l	# 1
36) 1,1-Dichloropropene	5.544	75	9076	5.061	ug/l	# 50
38) Carbon Tetrachloride	5.544	117	12377	6.075	ug/l	# 16
49) 1,4-Dioxane	7.696	88	20	0.558	ug/l	# 12
51) 4-Methyl-2-Pentanone	8.580	43	447	0.202	ug/l	# 70
76) 1,2,3-Trichloropropane	11.079	75	46976	26.201	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	46976	71.411	ug/l	# 5
93) 1,2,4-Trichlorobenzene	13.597	180	910	0.403	ug/l	84
95) Naphthalene	13.780	128	3786	0.569	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	1101	0.474	ug/l	88

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

Quant Time: Jun 04 00:43:36 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
Quant Title : SW846 8260
QLast Update : Thu May 30 07:36:24 2024
Response via : Initial Calibration

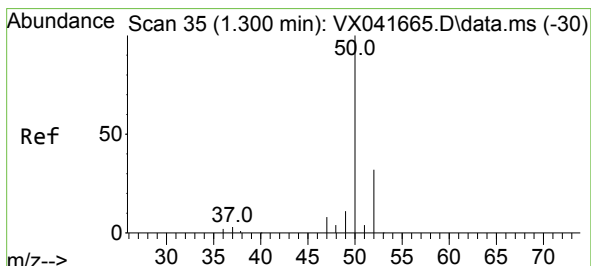
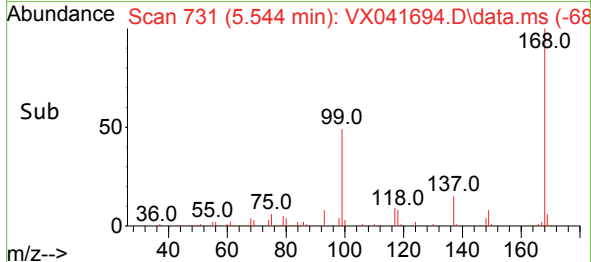
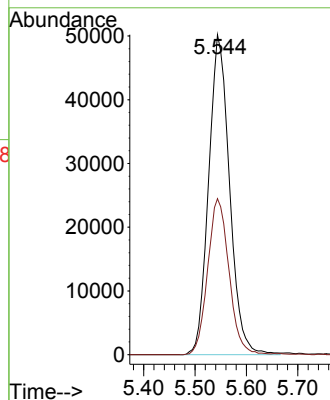
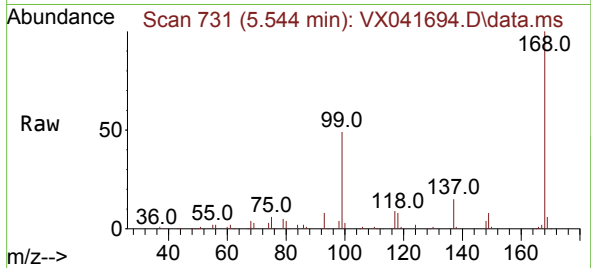




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX041694.D
Acq: 03 Jun 2024 10:42

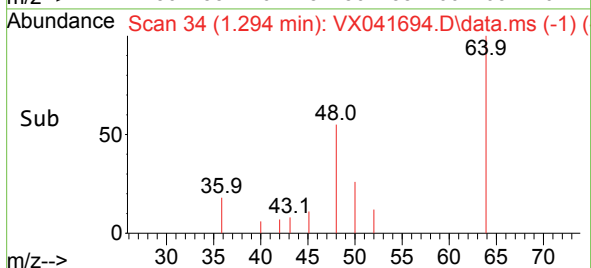
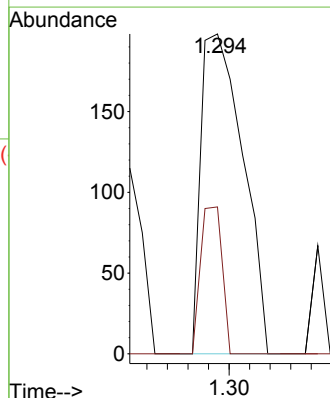
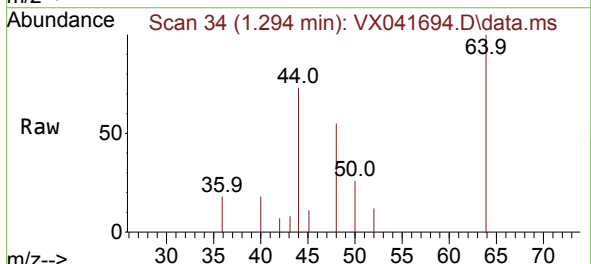
Instrument :
MSVOA_X
ClientSampleId :

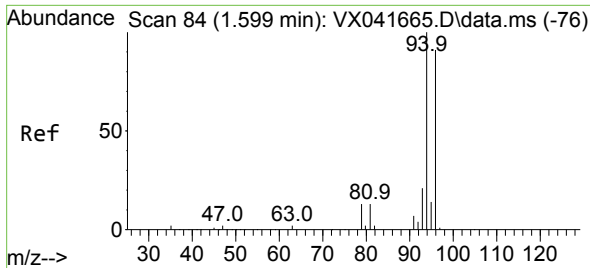
Tgt Ion:168 Resp: 141654
Ion Ratio Lower Upper
168 100
99 48.7 56.6 85.0#



#3
Chloromethane
Concen: 0.207 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX041694.D
Acq: 03 Jun 2024 10:42

Tgt Ion: 50 Resp: 281
Ion Ratio Lower Upper
50 100
52 46.0 25.5 38.3#

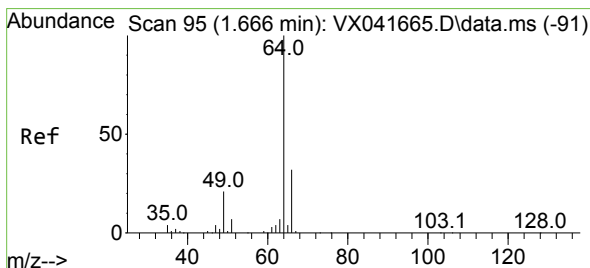
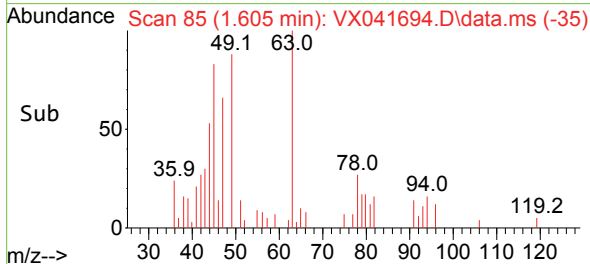
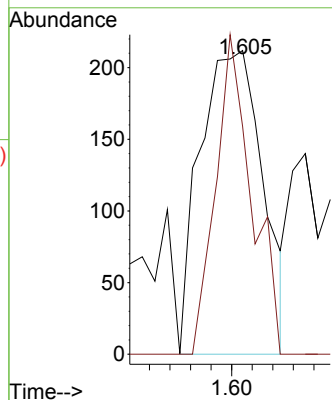
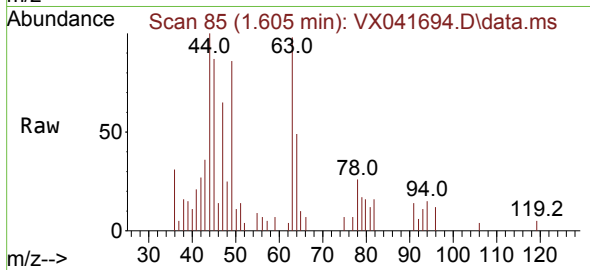




#5
Bromomethane
Concen: 0.464 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX041694.D
Acq: 03 Jun 2024 10:42

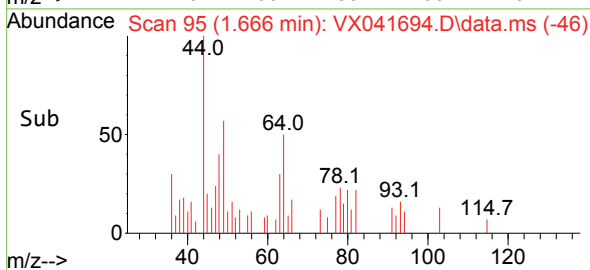
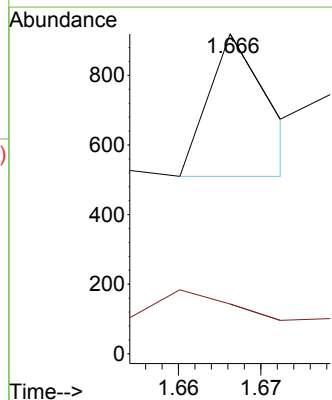
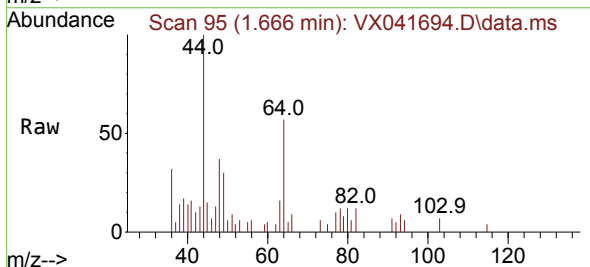
Instrument :
MSVOA_X
ClientSampleId :

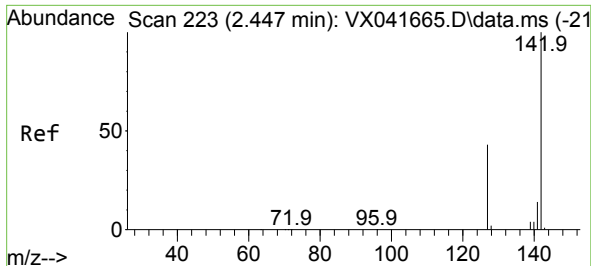
Tgt Ion: 94 Resp: 452
Ion Ratio Lower Upper
94 100
96 75.0 74.6 111.8



#6
Chloroethane
Concen: 0.247 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX041694.D
Acq: 03 Jun 2024 10:42

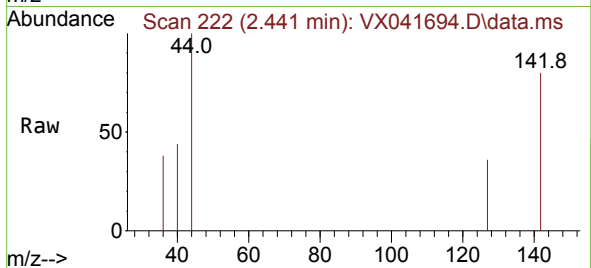
Tgt Ion: 64 Resp: 209
Ion Ratio Lower Upper
64 100
66 11.5 25.1 37.7#



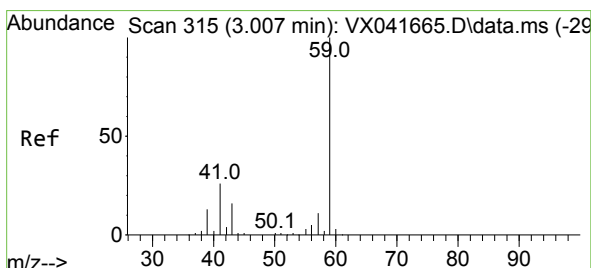
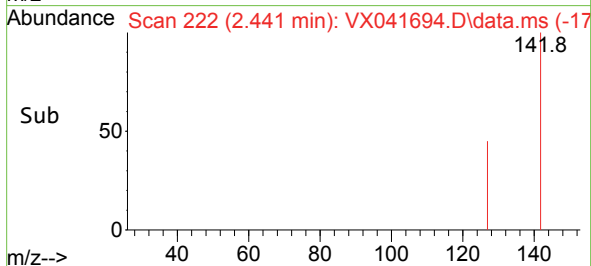
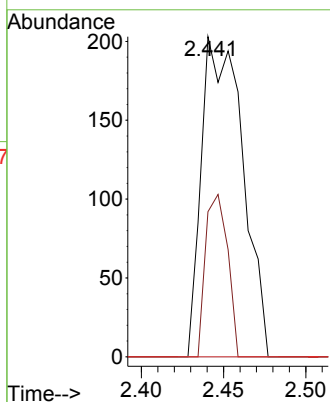


#10
Methyl Iodide
Concen: 0.219 ug/l
RT: 2.441 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX041694.D
Acq: 03 Jun 2024 10:42

Instrument :
MSVOA_X
ClientSampleId :

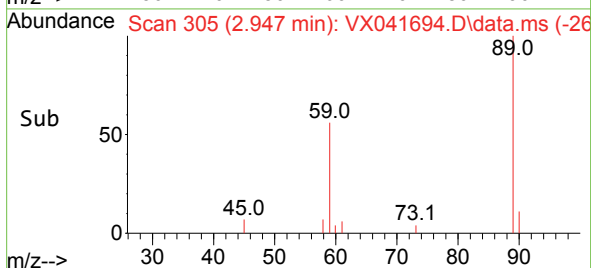
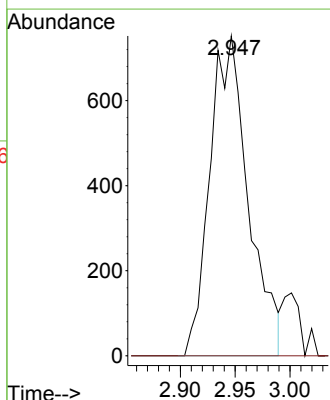
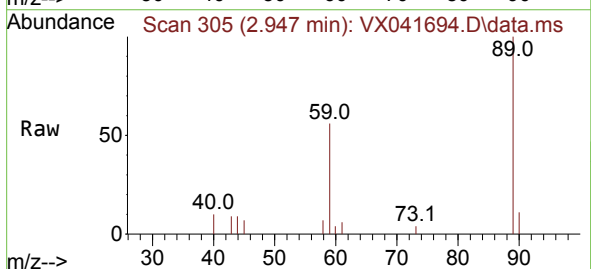


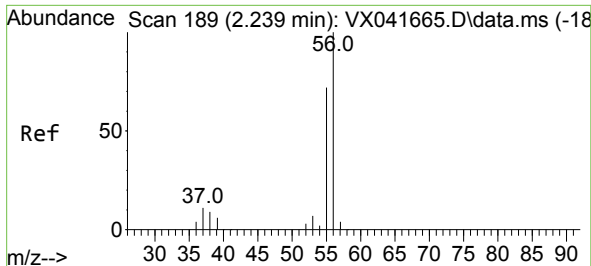
Tgt Ion:142 Resp: 353
Ion Ratio Lower Upper
142 100
127 27.2 41.6 62.4#
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 5.974 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.061 min
Lab File: VX041694.D
Acq: 03 Jun 2024 10:42

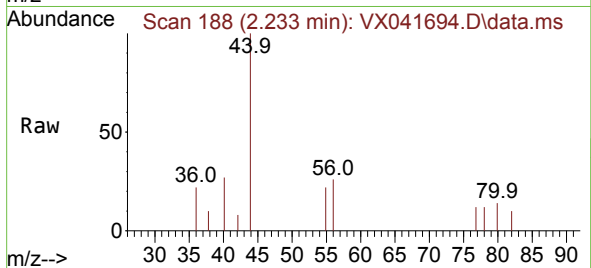
Tgt Ion: 59 Resp: 1836
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



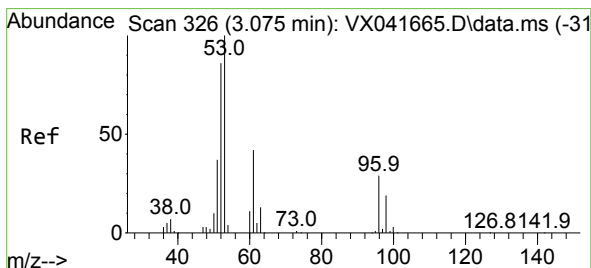
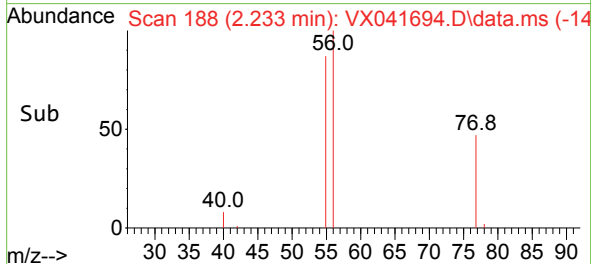
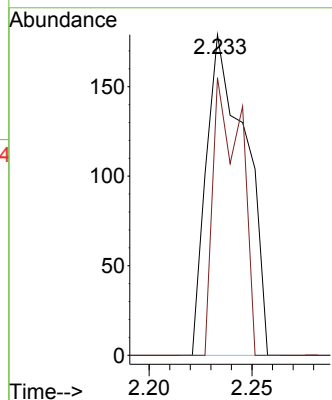


#13
Acrolein
Concen: 0.828 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX041694.D
Acq: 03 Jun 2024 10:42

Instrument :
MSVOA_X
ClientSampleId :

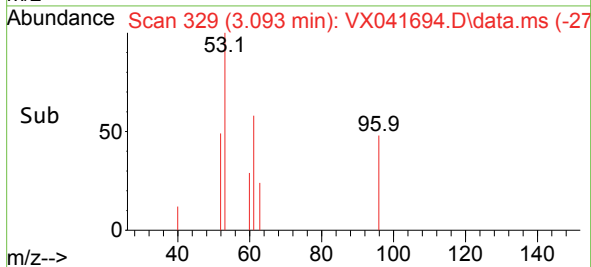
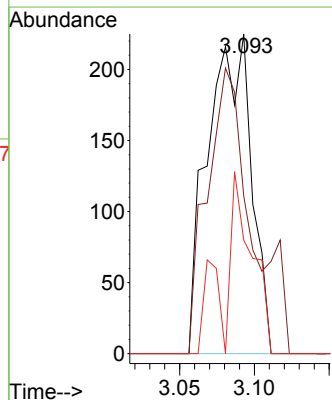
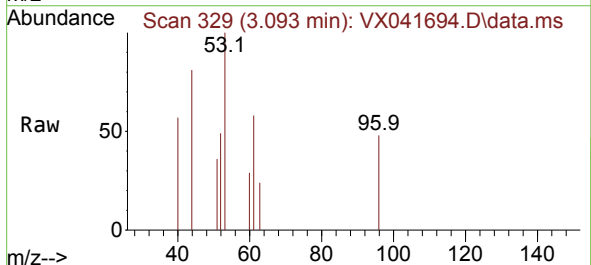


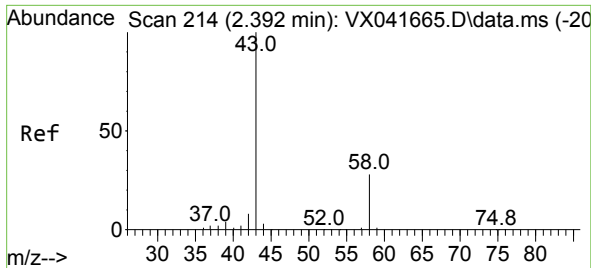
Tgt Ion: 56 Resp: 237
Ion Ratio Lower Upper
56 100
55 62.0 57.1 85.7



#15
Acrylonitrile
Concen: 0.602 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.018 min
Lab File: VX041694.D
Acq: 03 Jun 2024 10:42

Tgt Ion: 53 Resp: 454
Ion Ratio Lower Upper
53 100
52 91.6 66.0 99.0
51 37.7 29.8 44.6

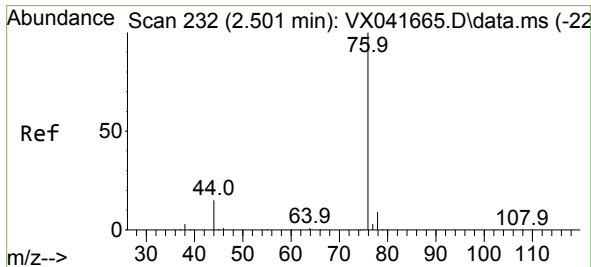
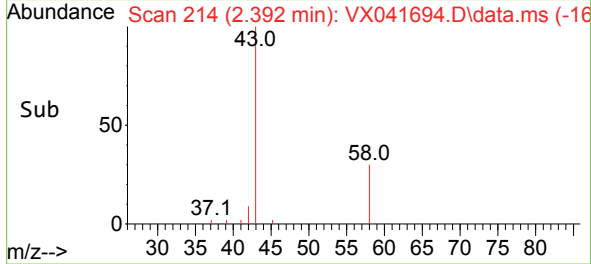
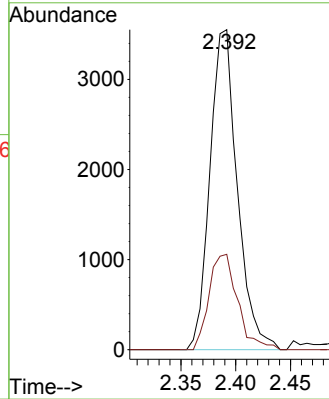
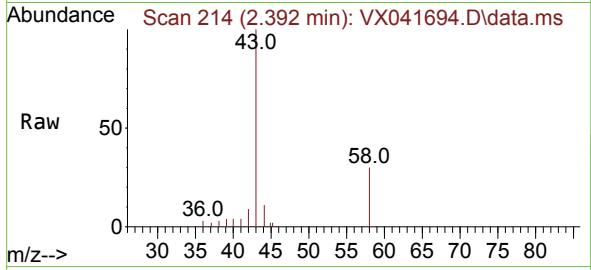




#16
Acetone
Concen: 5.412 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041694.D
Acq: 03 Jun 2024 10:42

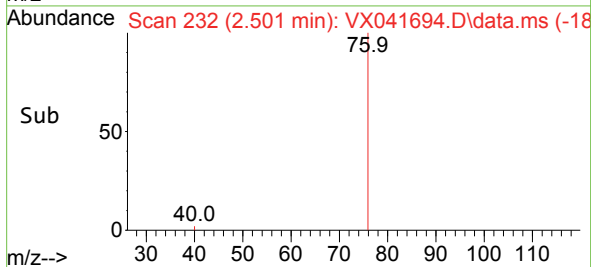
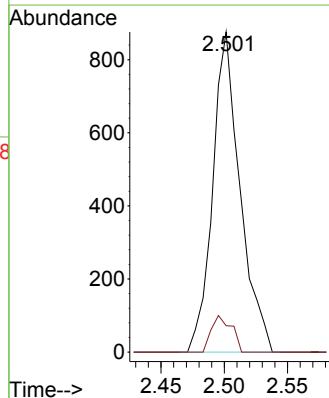
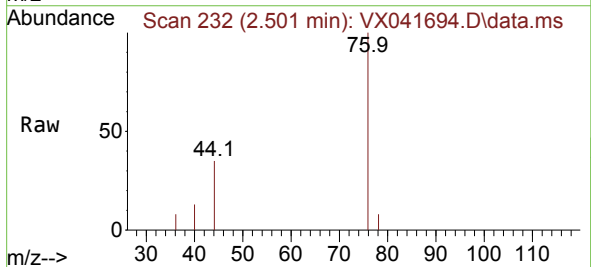
Instrument :
MSVOA_X
ClientSampleId :

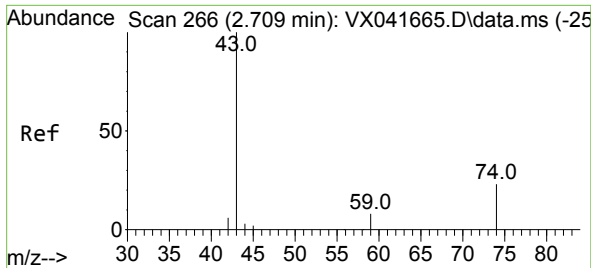
Tgt Ion: 43 Resp: 6180
Ion Ratio Lower Upper
43 100
58 29.8 21.9 32.9



#17
Carbon Disulfide
Concen: 0.472 ug/l
RT: 2.501 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX041694.D
Acq: 03 Jun 2024 10:42

Tgt Ion: 76 Resp: 1318
Ion Ratio Lower Upper
76 100
78 8.2 7.0 10.6

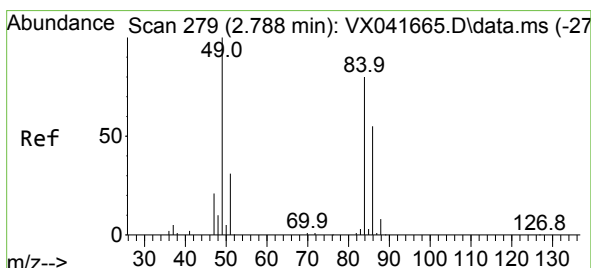
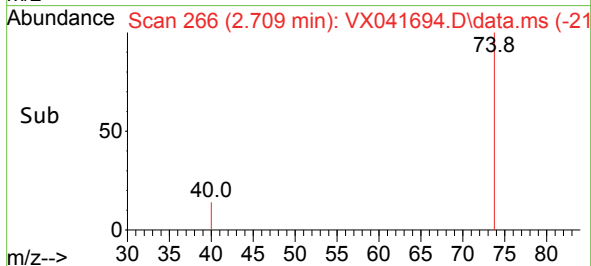
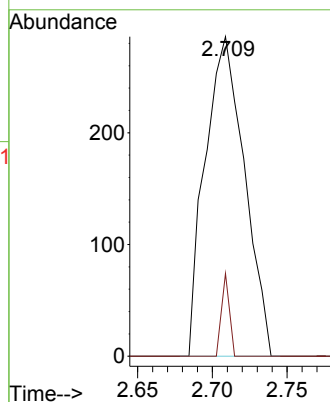
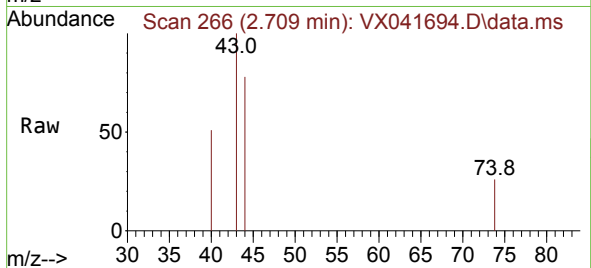




#18
Methyl Acetate
Concen: 0.315 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX041694.D
Acq: 03 Jun 2024 10:42

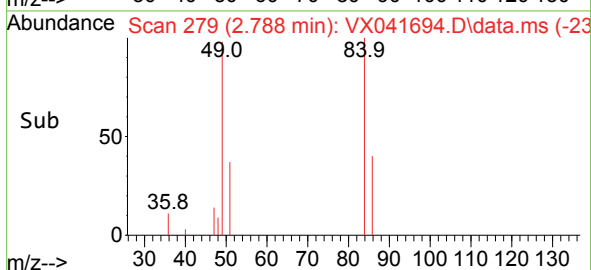
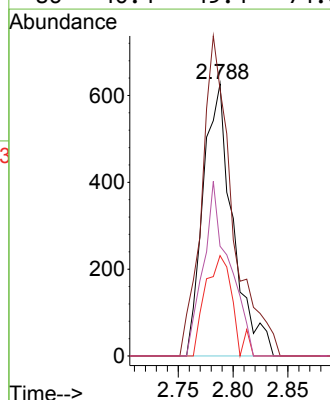
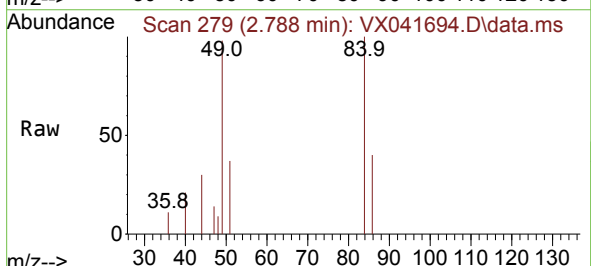
Instrument :
MSVOA_X
ClientSampleId :

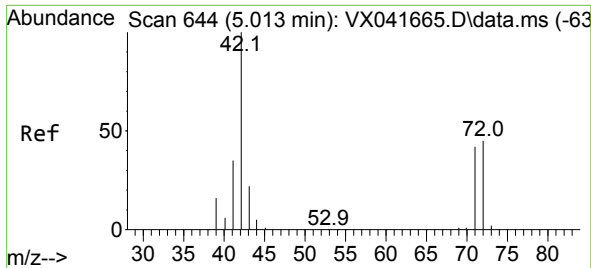
Tgt Ion: 43 Resp: 523
Ion Ratio Lower Upper
43 100
74 5.2 17.8 26.8#



#20
Methylene Chloride
Concen: 0.758 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX041694.D
Acq: 03 Jun 2024 10:42

Tgt Ion: 84 Resp: 1178
Ion Ratio Lower Upper
84 100
49 97.9 103.6 155.4#
51 36.8 33.8 50.6
86 40.4 49.4 74.0#





#29

Tetrahydrofuran

Concen: 0.445 ug/l

RT: 5.044 min Scan# 644

Delta R.T. 0.031 min

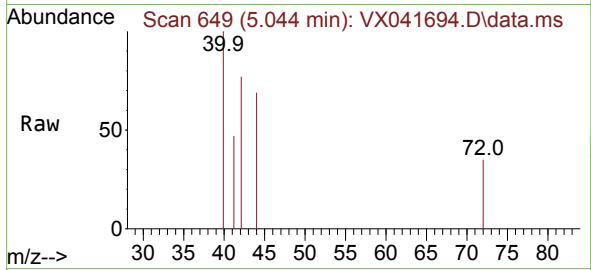
Lab File: VX041694.D

Acq: 03 Jun 2024 10:42

Instrument :

MSVOA_X

ClientSampleId :



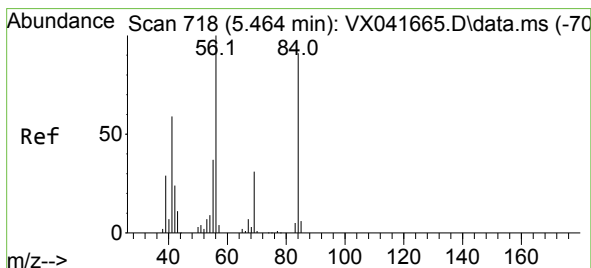
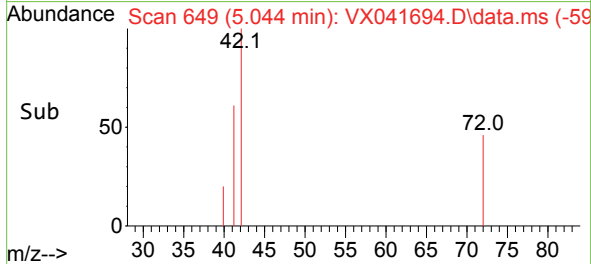
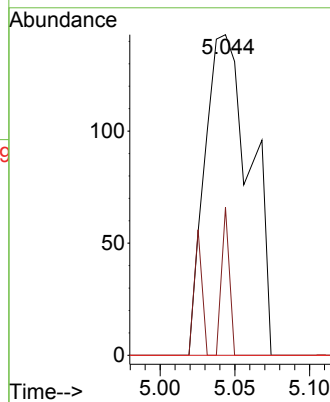
Tgt Ion: 42 Resp: 303

Ion Ratio Lower Upper

42 100

72 7.9 34.2 51.4#

71 0.0 32.2 48.2#



#31

Cyclohexane

Concen: 1.284 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.079 min

Lab File: VX041694.D

Acq: 03 Jun 2024 10:42

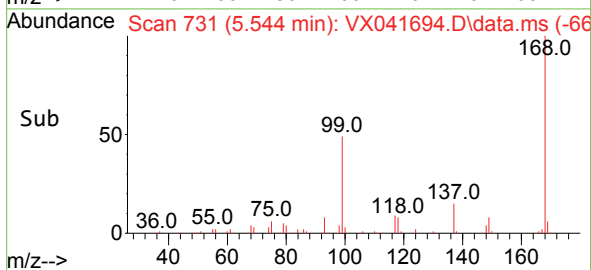
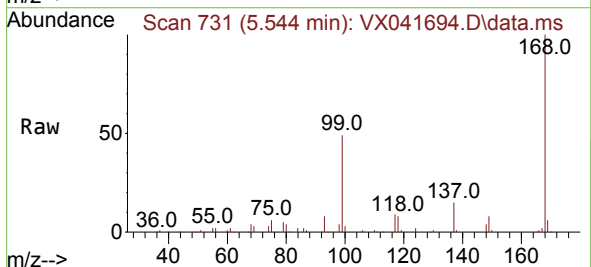
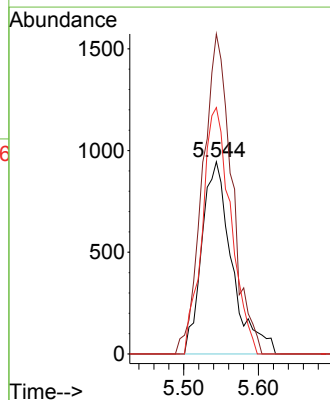
Tgt Ion: 56 Resp: 2633

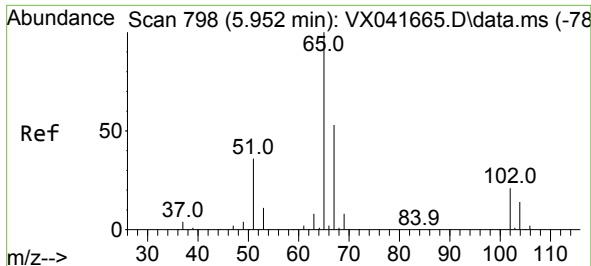
Ion Ratio Lower Upper

56 100

69 166.5 23.4 35.2#

84 128.1 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 46.558 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX041694.D

Acq: 03 Jun 2024 10:42

Instrument :

MSVOA_X

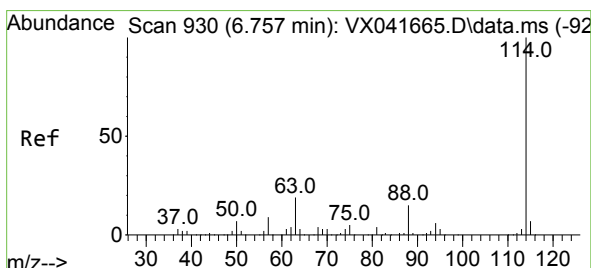
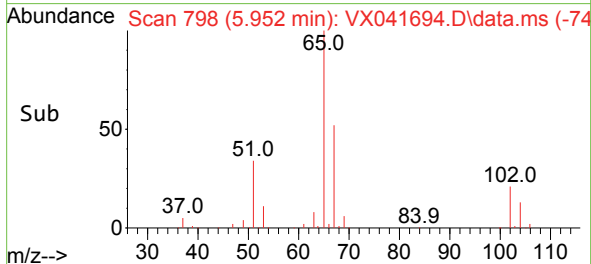
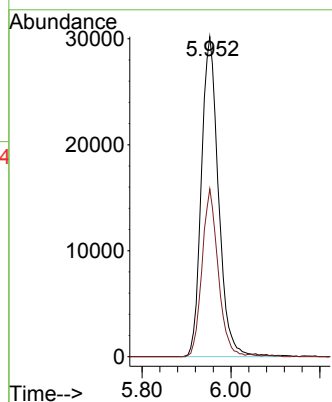
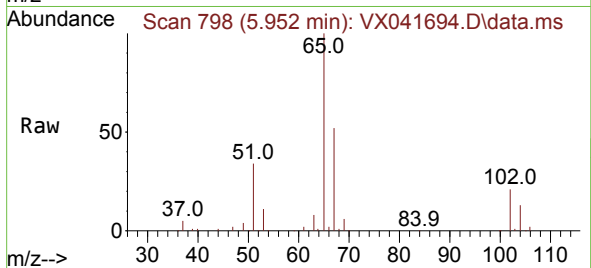
ClientSampleId :

Tgt Ion: 65 Resp: 80887

Ion Ratio Lower Upper

65 100

67 49.5 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: VX041694.D

Acq: 03 Jun 2024 10:42

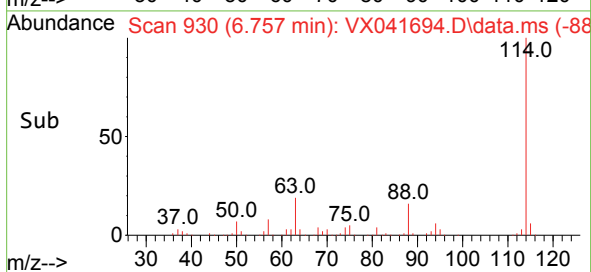
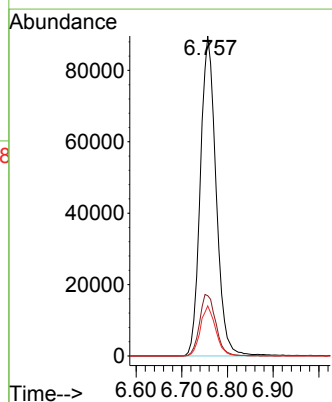
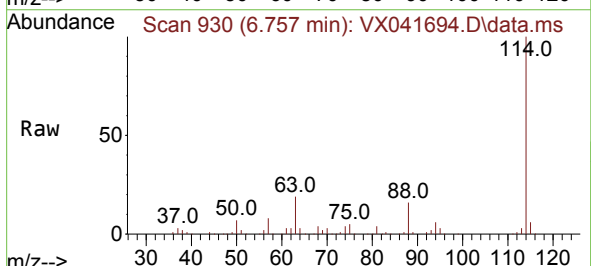
Tgt Ion: 114 Resp: 214190

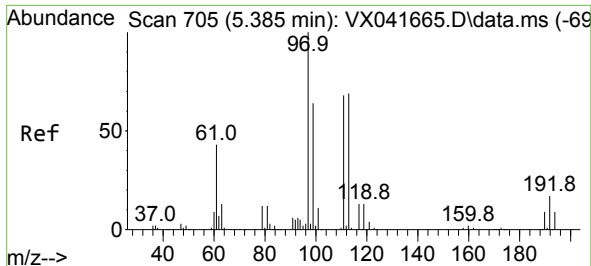
Ion Ratio Lower Upper

114 100

63 18.9 0.0 45.0

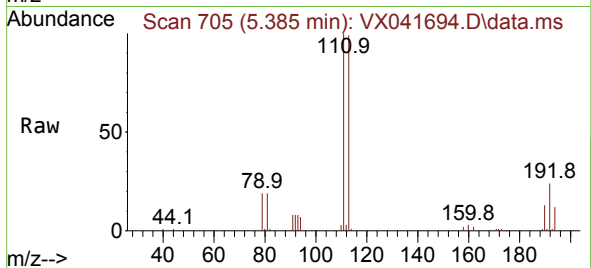
88 15.7 0.0 36.6



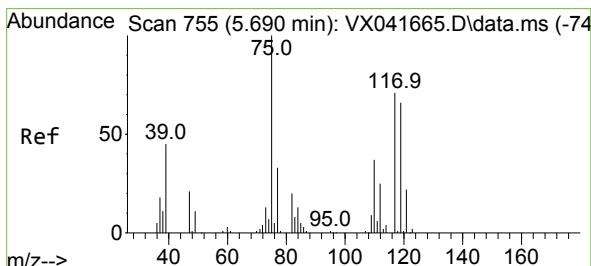
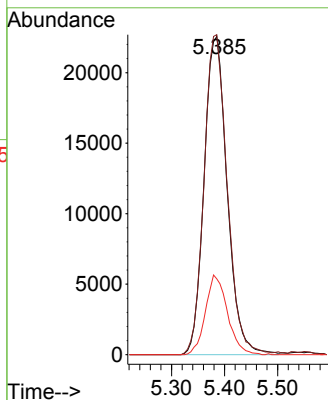
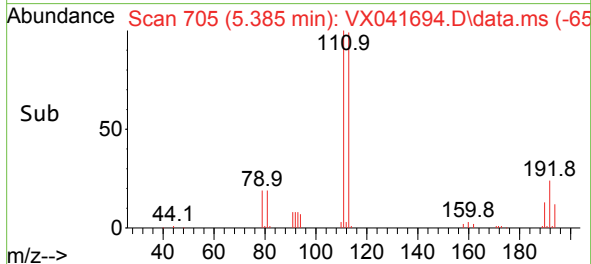


#35
Dibromofluoromethane
Concen: 46.094 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041694.D
Acq: 03 Jun 2024 10:42

Instrument :
MSVOA_X
ClientSampleId :

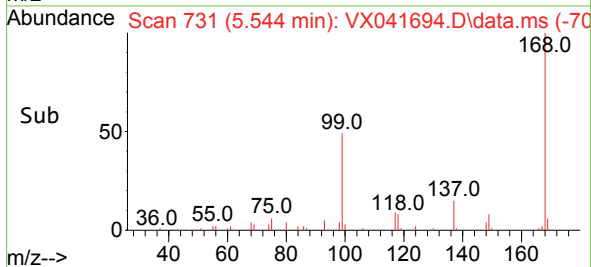
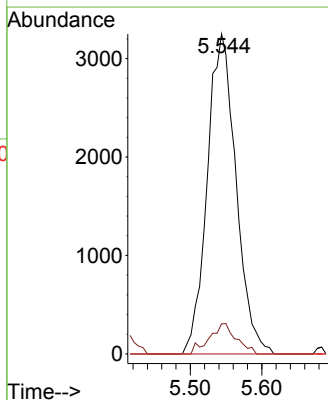
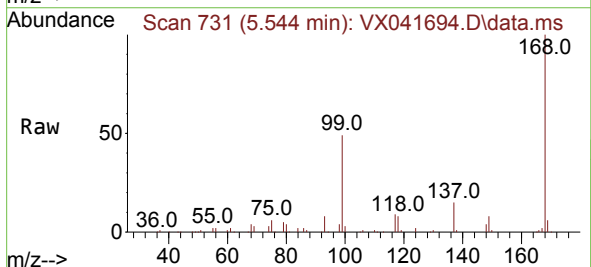


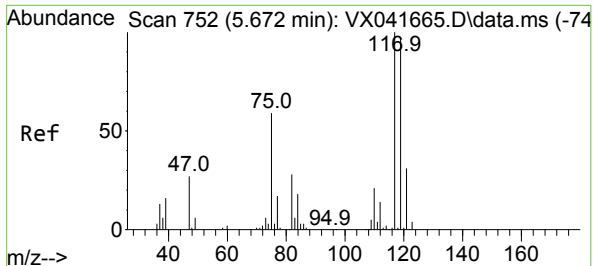
Tgt Ion:113 Resp: 68261
Ion Ratio Lower Upper
113 100
111 100.9 82.9 124.3
192 23.9 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 5.061 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX041694.D
Acq: 03 Jun 2024 10:42

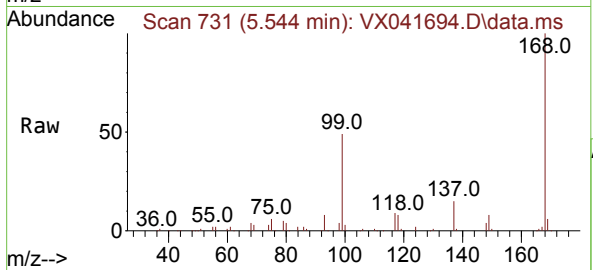
Tgt Ion: 75 Resp: 9076
Ion Ratio Lower Upper
75 100
110 8.8 17.0 50.9#
77 0.0 24.7 37.1#



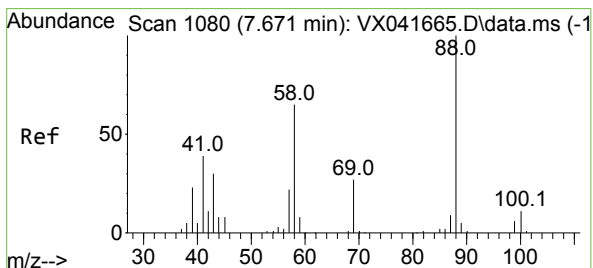
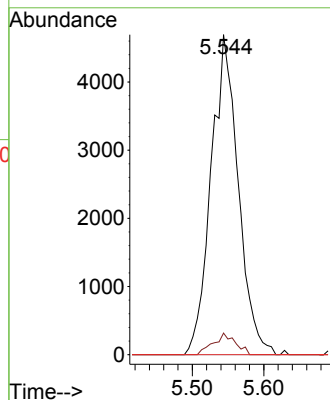
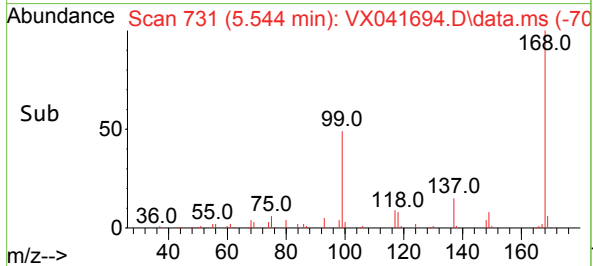


#38
Carbon Tetrachloride
Concen: 6.075 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX041694.D
Acq: 03 Jun 2024 10:42

Instrument :
MSVOA_X
ClientSampleId :

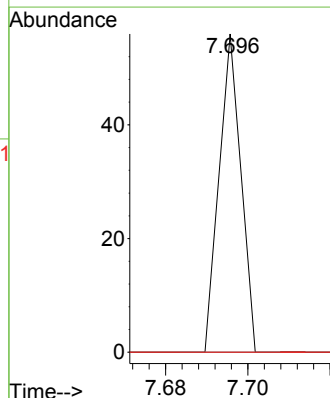
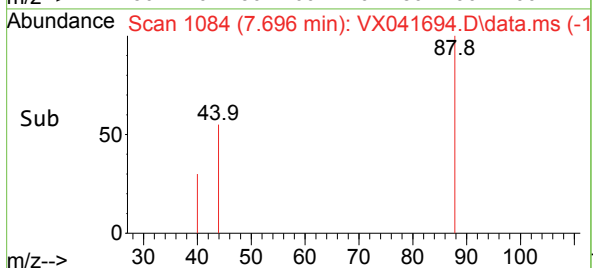
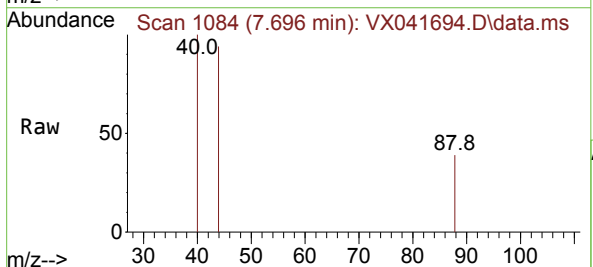


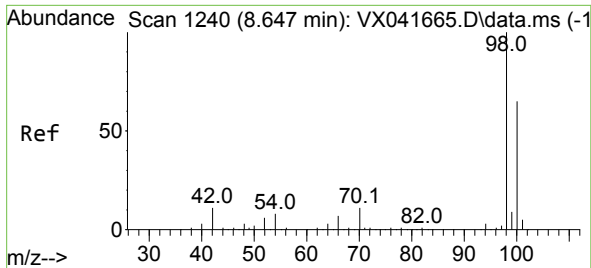
Tgt Ion:117 Resp: 12377
Ion Ratio Lower Upper
117 100
119 6.8 78.2 117.2#
121 0.0 24.4 36.6#



#49
1,4-Dioxane
Concen: 0.558 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.024 min
Lab File: VX041694.D
Acq: 03 Jun 2024 10:42

Tgt Ion: 88 Resp: 20
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 60.1 90.1#

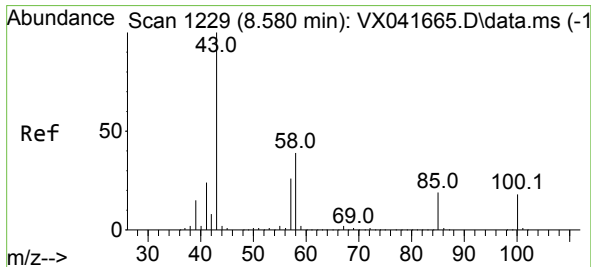
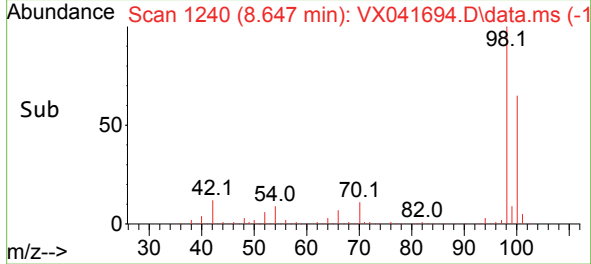
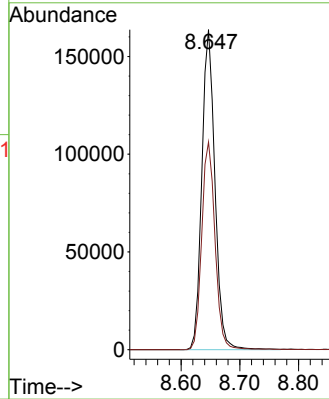
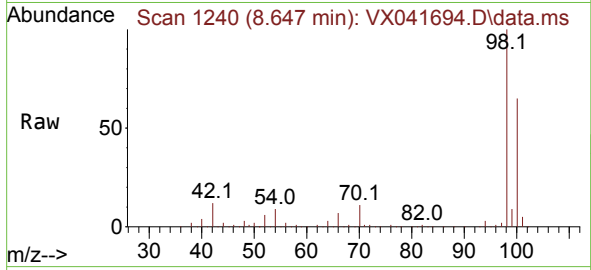




#50
Toluene-d8
Concen: 48.837 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041694.D
Acq: 03 Jun 2024 10:42

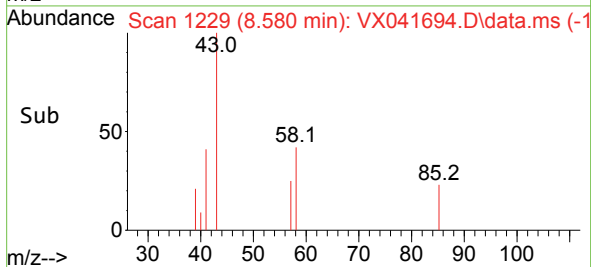
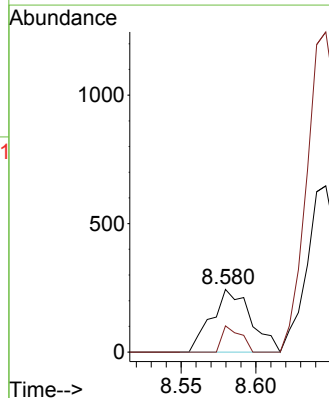
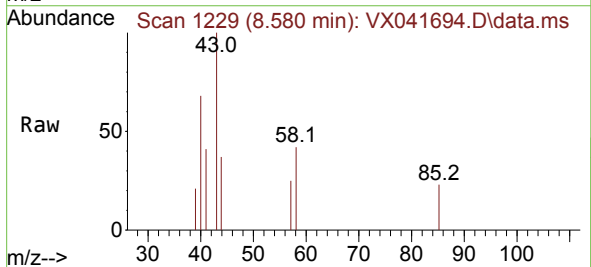
Instrument :
MSVOA_X
ClientSampleId :

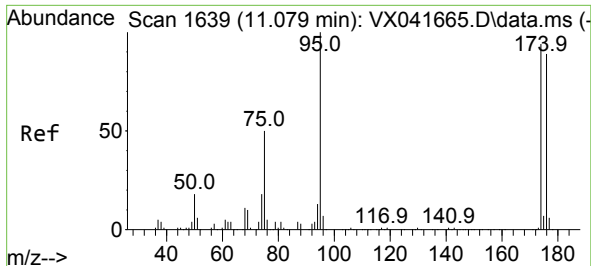
Tgt Ion: 98 Resp: 252704
Ion Ratio Lower Upper
98 100
100 66.0 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.202 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VX041694.D
Acq: 03 Jun 2024 10:42

Tgt Ion: 43 Resp: 447
Ion Ratio Lower Upper
43 100
58 19.7 30.4 45.6#

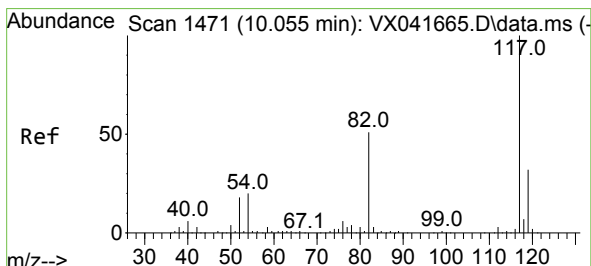
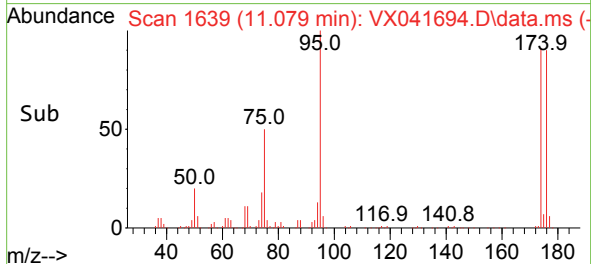
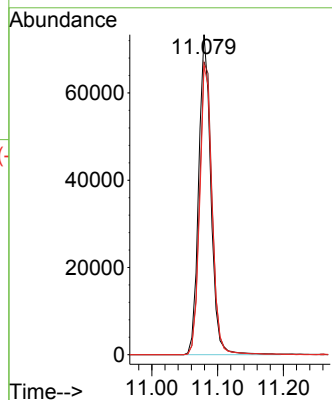
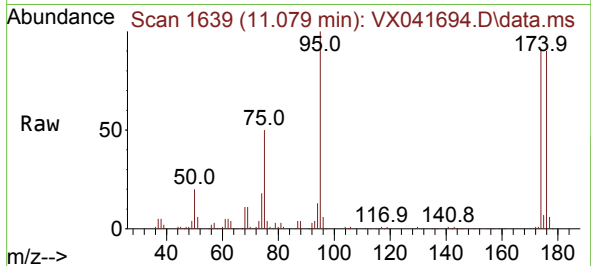




#62
4-Bromofluorobenzene
Concen: 49.301 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041694.D
Acq: 03 Jun 2024 10:42

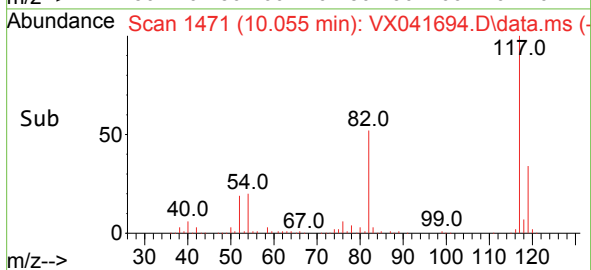
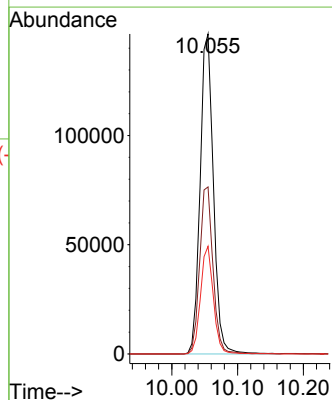
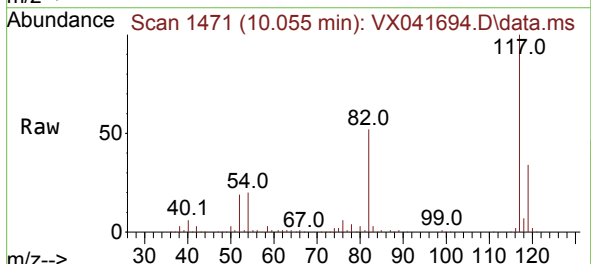
Instrument :
MSVOA_X
ClientSampleId :

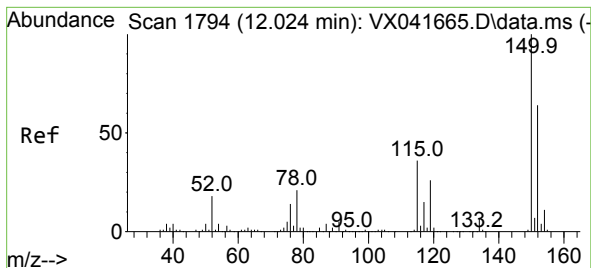
Tgt Ion: 95 Resp: 94155
Ion Ratio Lower Upper
95 100
174 95.6 0.0 135.6
176 91.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041694.D
Acq: 03 Jun 2024 10:42

Tgt Ion: 117 Resp: 205486
Ion Ratio Lower Upper
117 100
82 52.2 46.2 69.4
119 33.7 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX041694.D

Acq: 03 Jun 2024 10:42

Instrument :

MSVOA_X

ClientSampleId :

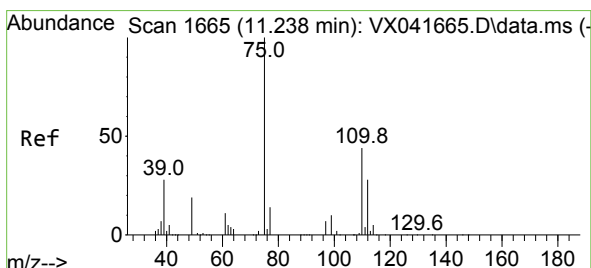
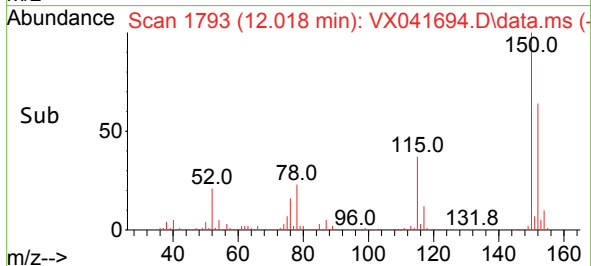
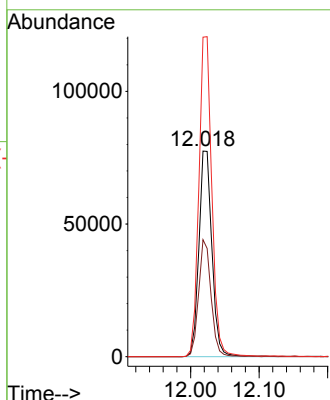
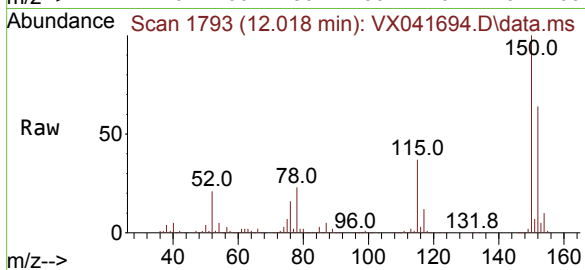
Tgt Ion:152 Resp: 102758

Ion Ratio Lower Upper

152 100

115 54.3 43.3 129.9

150 154.5 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 26.201 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX041694.D

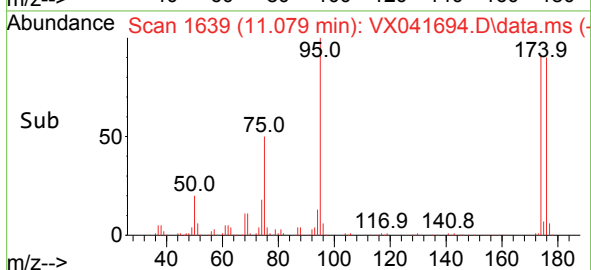
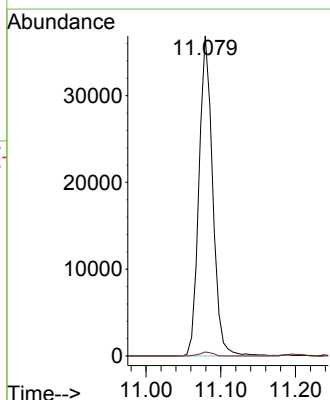
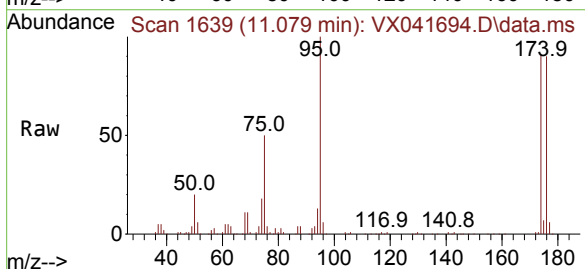
Acq: 03 Jun 2024 10:42

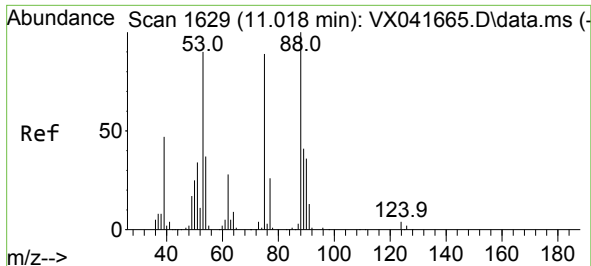
Tgt Ion: 75 Resp: 46976

Ion Ratio Lower Upper

75 100

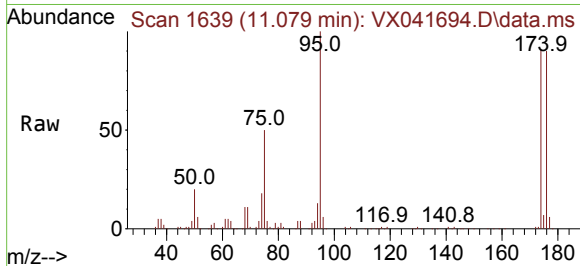
77 1.2 19.1 57.5#



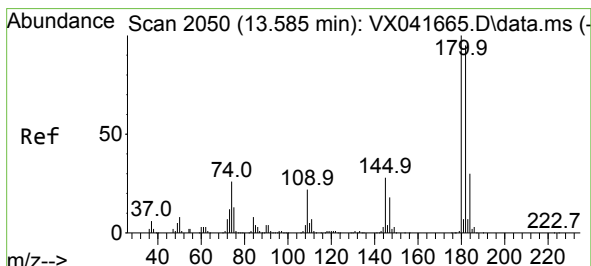
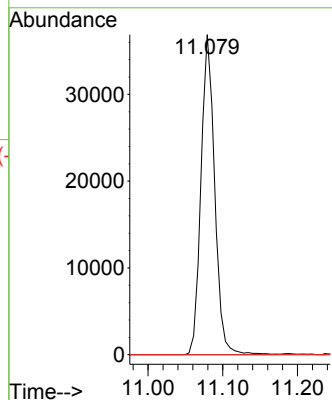
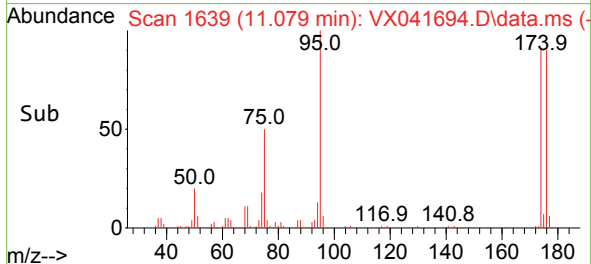


#81
trans-1,4-Dichloro-2-butene
Concen: 71.411 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX041694.D
Acq: 03 Jun 2024 10:42

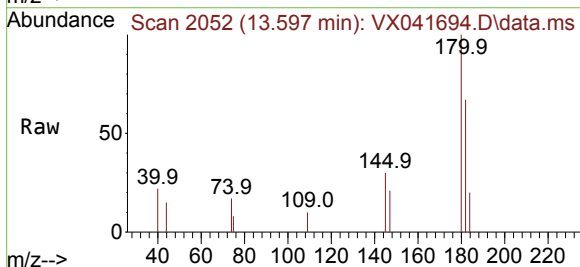
Instrument :
MSVOA_X
ClientSampleId :



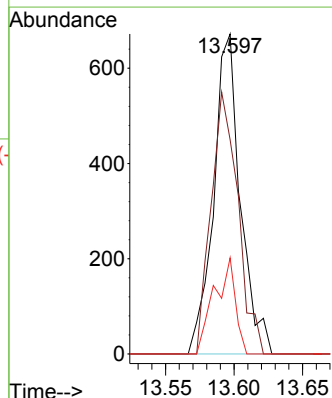
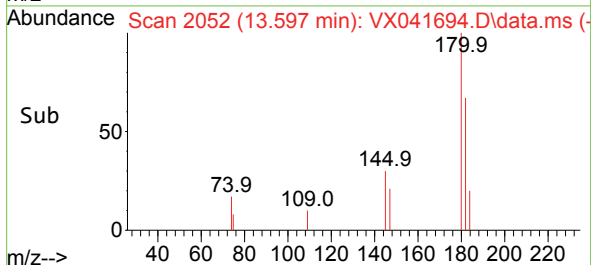
Tgt Ion: 75 Resp: 46976
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

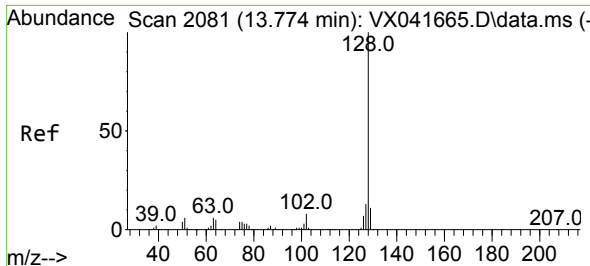


#93
1,2,4-Trichlorobenzene
Concen: 0.403 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.012 min
Lab File: VX041694.D
Acq: 03 Jun 2024 10:42



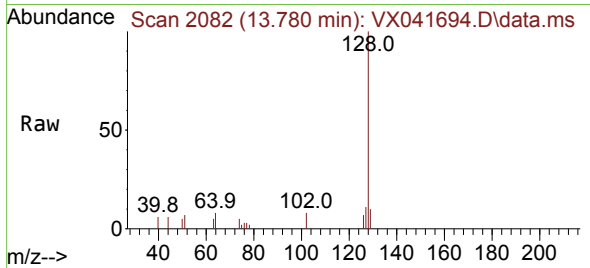
Tgt Ion: 180 Resp: 910
Ion Ratio Lower Upper
180 100
182 82.4 48.3 144.8
145 23.8 18.0 54.0



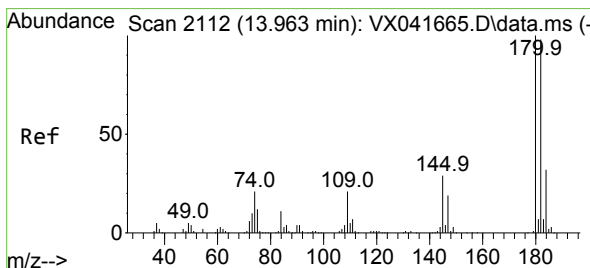
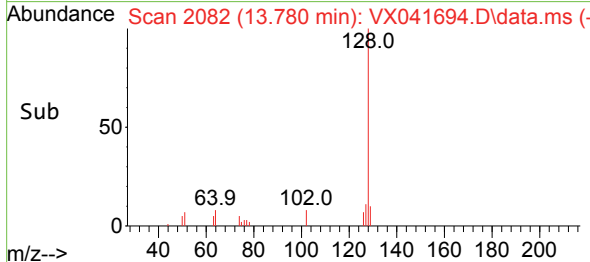
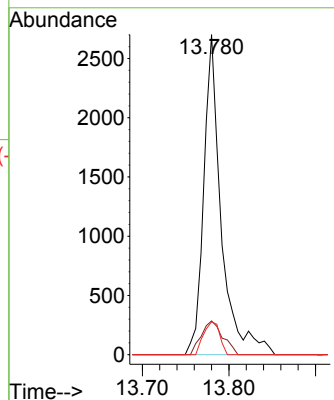


#95
Naphthalene
Concen: 0.569 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX041694.D
Acq: 03 Jun 2024 10:42

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 3786
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 9.5 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 0.474 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX041694.D
Acq: 03 Jun 2024 10:42

Tgt Ion:180 Resp: 1101
Ion Ratio Lower Upper
180 100
182 82.2 46.9 140.6
145 28.0 17.8 53.5

