

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060524\
 Data File : VX041755.D
 Acq On : 05 Jun 2024 17:12
 Operator : JC/MD
 Sample : P2718-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 06 02:22:43 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)

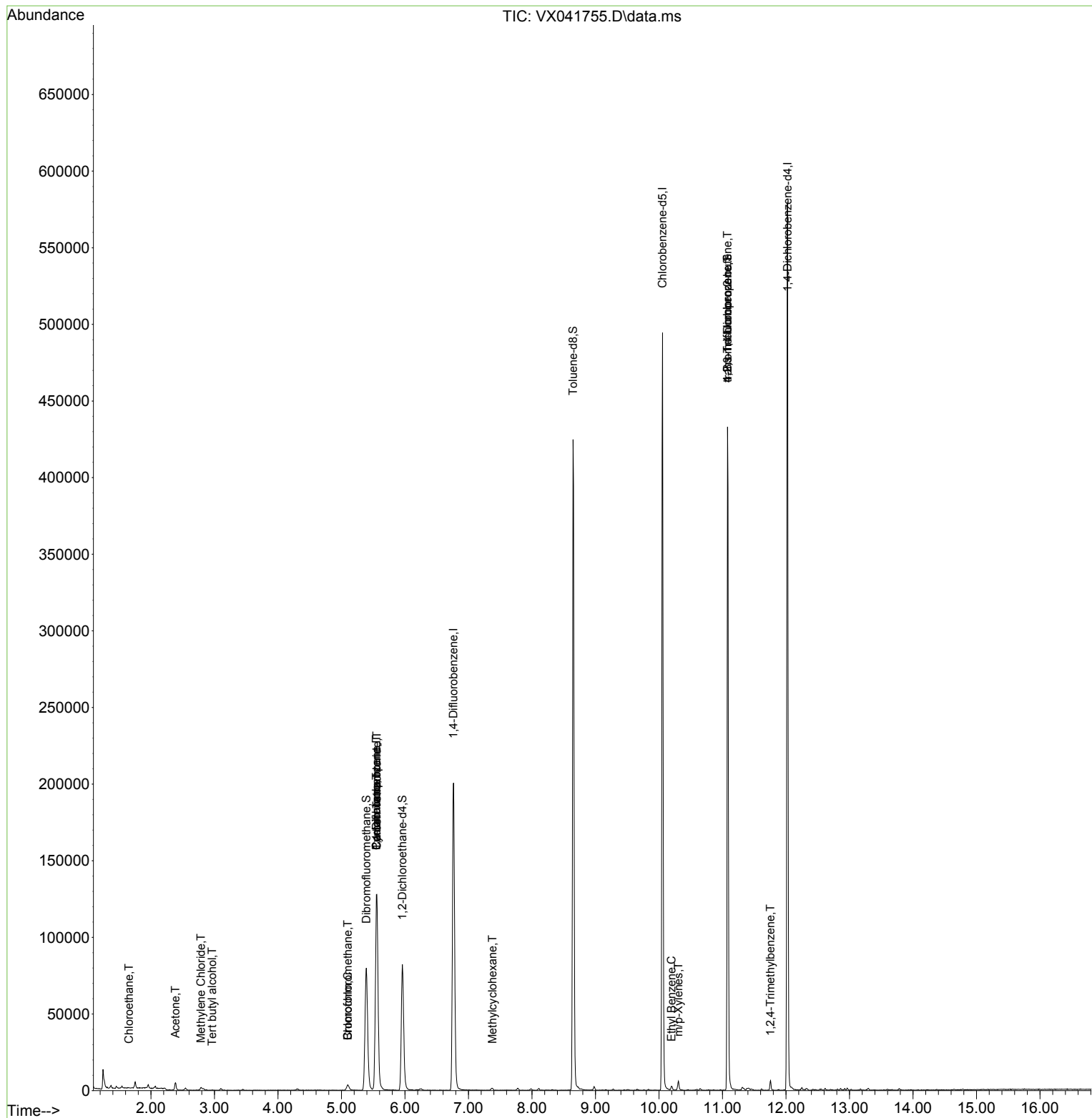
Internal Standards						
1) Pentafluorobenzene	5.550	168	135661	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	210617	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	223781	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	132374	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	80748	48.531	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.060%		
35) Dibromofluoromethane	5.391	113	67475	46.337	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.680%		
50) Toluene-d8	8.647	98	252310	49.588	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.180%		
62) 4-Bromofluorobenzene	11.079	95	107394	57.188	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	114.380%		
Target Compounds						
						Qvalue
6) Chloroethane	1.654	64	336	0.415	ug/l	# 43
11) Tert butyl alcohol	2.965	59	103	0.350	ug/l	# 78
16) Acetone	2.386	43	5432	4.746	ug/l	98
20) Methylene Chloride	2.788	84	691	0.464	ug/l	# 85
28) Bromochloromethane	5.099	49	321	0.324	ug/l	# 16
30) Chloroform	5.099	83	4389	1.818	ug/l	96
31) Cyclohexane	5.550	56	2611	1.329	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	8733	4.953	ug/l	# 51
38) Carbon Tetrachloride	5.556	117	11805	5.893	ug/l	# 16
39) Methylcyclohexane	7.379	83	456	0.211	ug/l	# 74
67) Ethyl Benzene	10.195	91	1905	0.249	ug/l	95
68) m/p-Xylenes	10.305	106	1618	0.531	ug/l	91
76) 1,2,3-Trichloropropane	11.079	75	55598	24.072	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	55598	65.608	ug/l	# 5
84) 1,2,4-Trimethylbenzene	11.756	105	3066	0.441	ug/l	86

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060524\
Data File : VX041755.D
Acq On : 05 Jun 2024 17:12
Operator : JC/MD
Sample : P2718-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

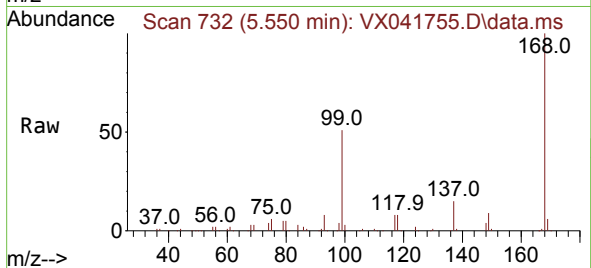
Quant Time: Jun 06 02:22:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
Quant Title : SW846 8260
QLast Update : Thu May 30 07:36:24 2024
Response via : Initial Calibration



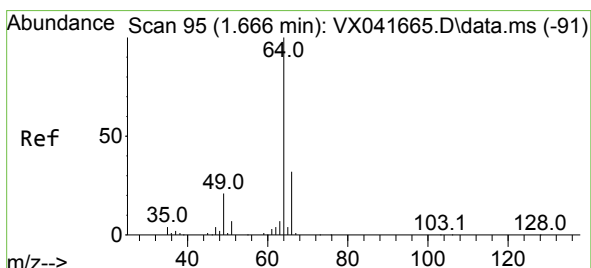
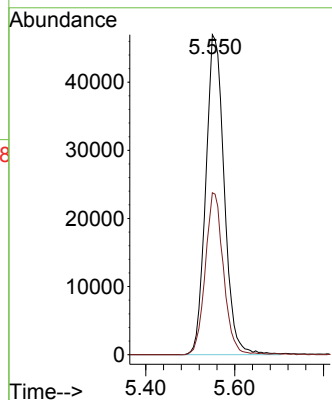
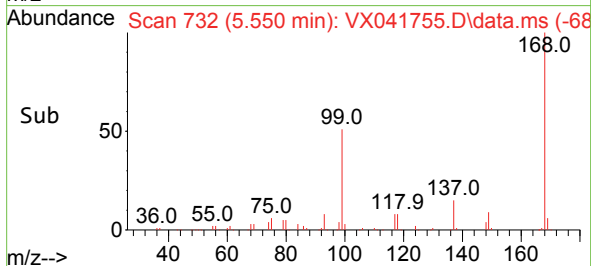


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041755.D
Acq: 05 Jun 2024 17:12

Instrument :
MSVOA_X
ClientSampleId :

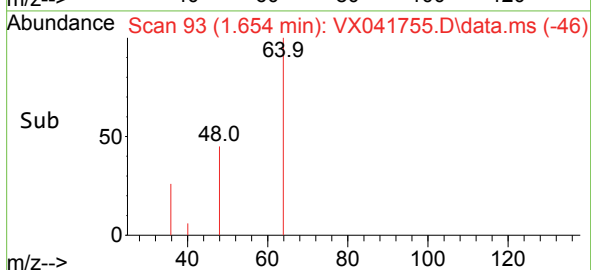
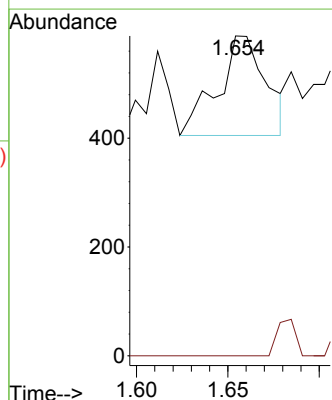
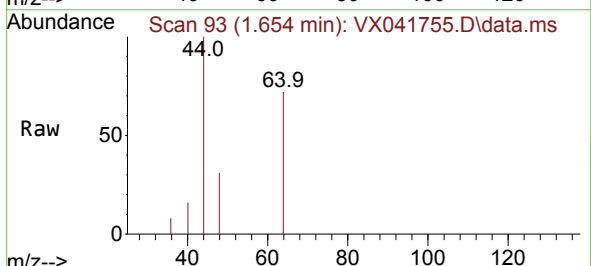


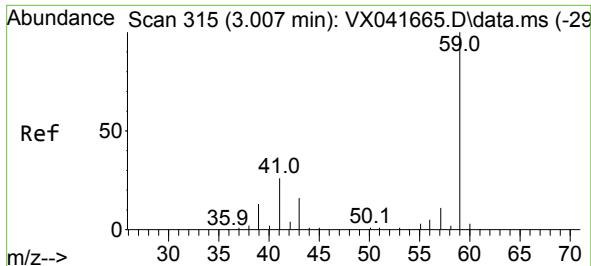
Tgt Ion:168 Resp: 135661
Ion Ratio Lower Upper
168 100
99 50.6 56.6 85.0#



#6
Chloroethane
Concen: 0.415 ug/l
RT: 1.654 min Scan# 93
Delta R.T. -0.012 min
Lab File: VX041755.D
Acq: 05 Jun 2024 17:12

Tgt Ion: 64 Resp: 336
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

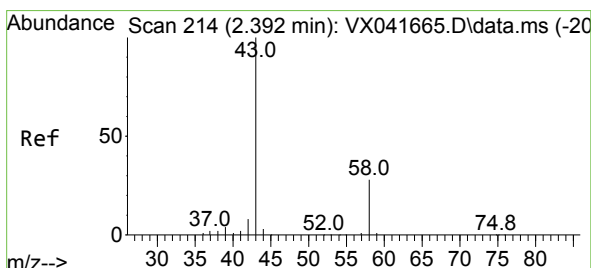
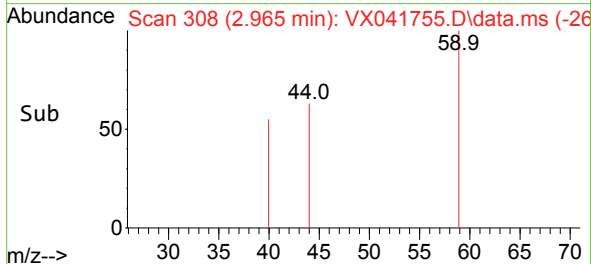
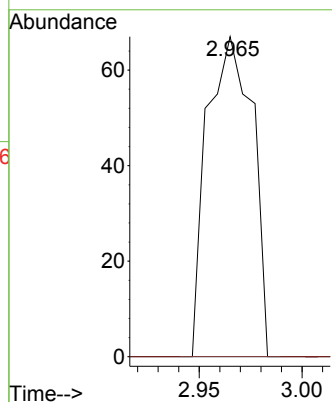
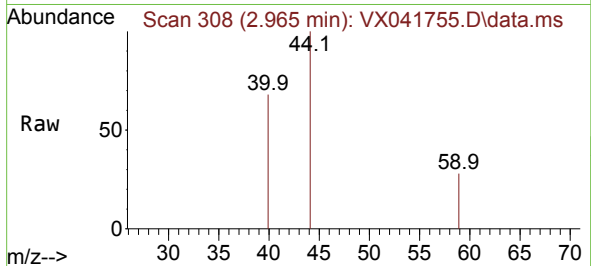




#11
Tert butyl alcohol
Concen: 0.350 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.042 min
Lab File: VX041755.D
Acq: 05 Jun 2024 17:12

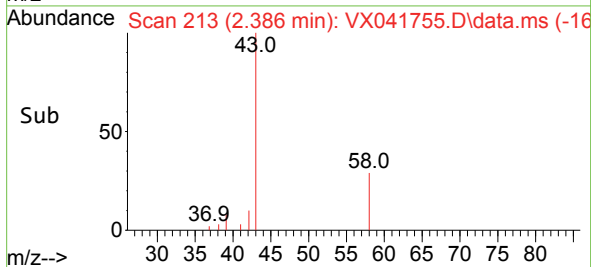
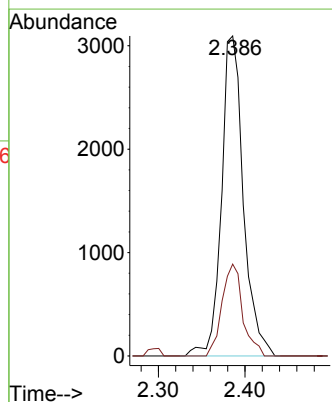
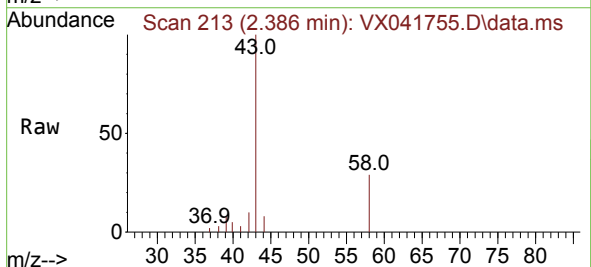
Instrument :
MSVOA_X
ClientSampleId :

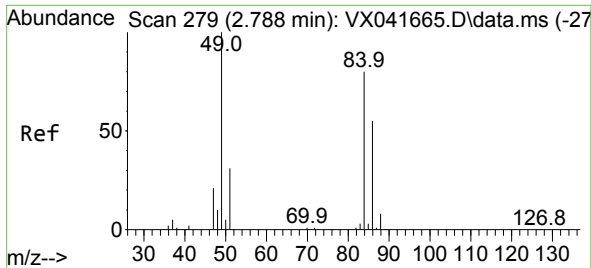
Tgt Ion: 59 Resp: 103
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#16
Acetone
Concen: 4.746 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX041755.D
Acq: 05 Jun 2024 17:12

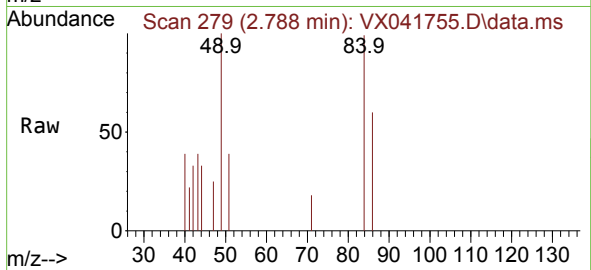
Tgt Ion: 43 Resp: 5432
Ion Ratio Lower Upper
43 100
58 28.7 21.9 32.9





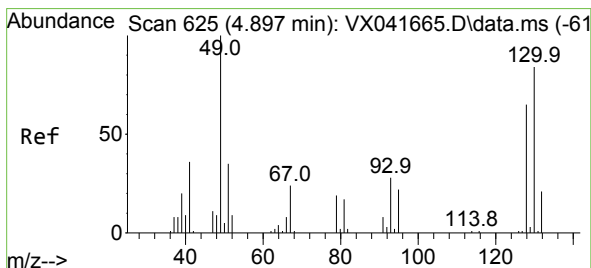
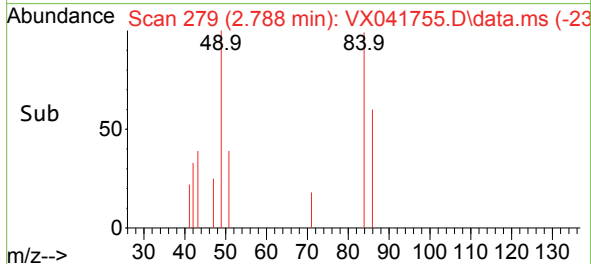
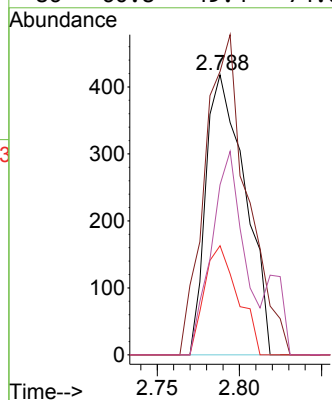
#20
Methylene Chloride
Concen: 0.464 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX041755.D
Acq: 05 Jun 2024 17:12

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 691

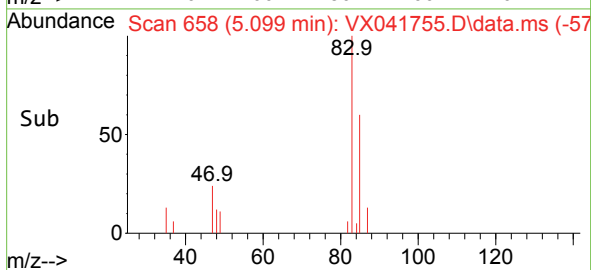
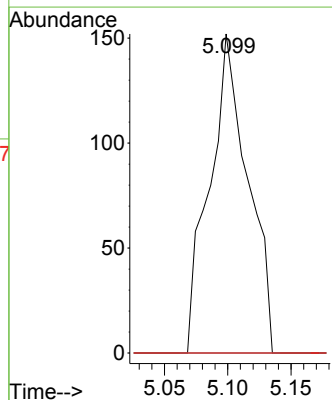
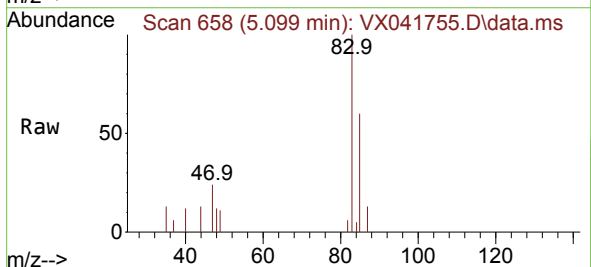
Ion	Ratio	Lower	Upper
84	100		
49	101.2	103.6	155.4#
51	39.0	33.8	50.6
86	60.8	49.4	74.0

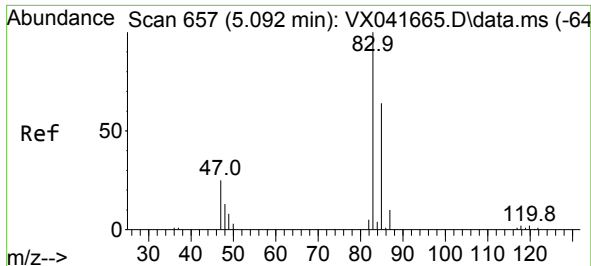


#28
Bromochloromethane
Concen: 0.324 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.201 min
Lab File: VX041755.D
Acq: 05 Jun 2024 17:12

Tgt Ion: 49 Resp: 321

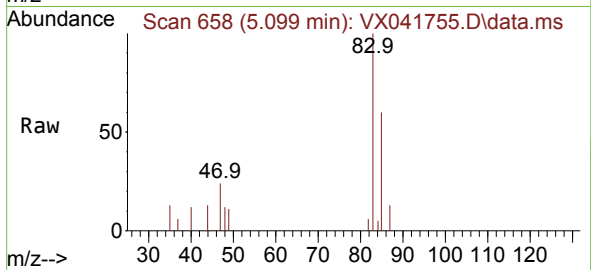
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	0.0	57.5	86.3#



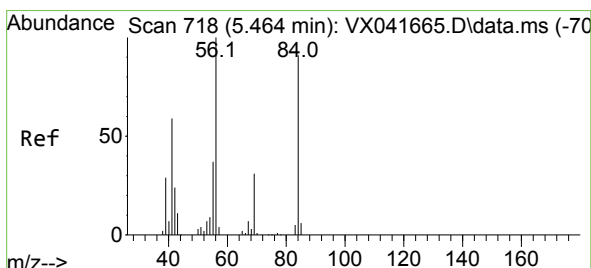
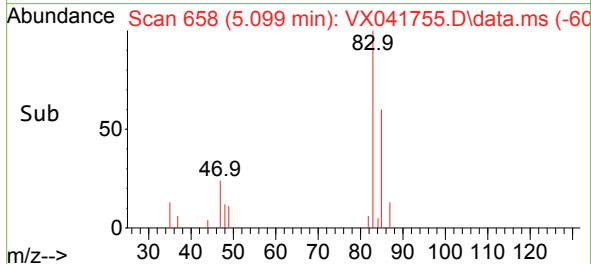
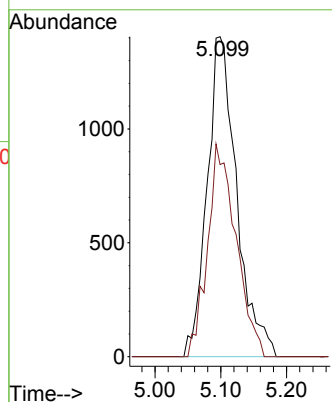


#30
Chloroform
Concen: 1.818 ug/l
RT: 5.099 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX041755.D
Acq: 05 Jun 2024 17:12

Instrument :
MSVOA_X
ClientSampleId :

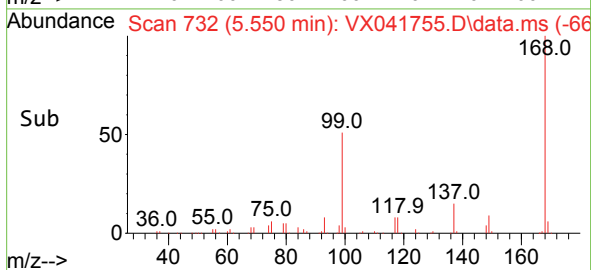
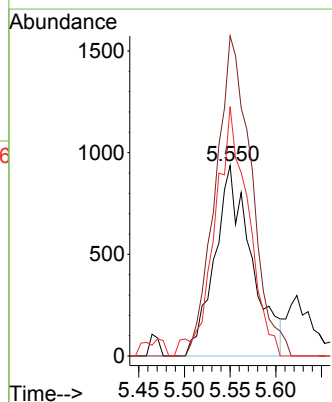
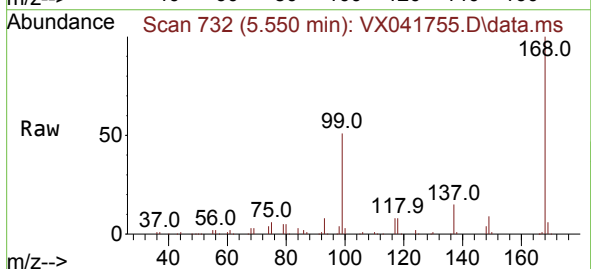


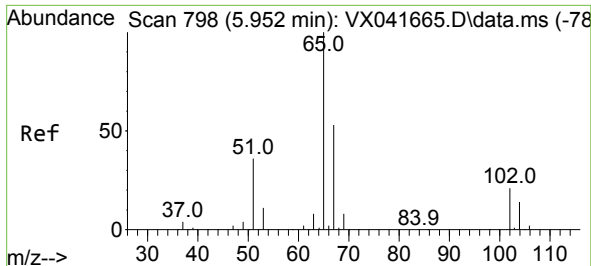
Tgt Ion: 83 Resp: 4389
Ion Ratio Lower Upper
83 100
85 60.1 50.3 75.5



#31
Cyclohexane
Concen: 1.329 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.086 min
Lab File: VX041755.D
Acq: 05 Jun 2024 17:12

Tgt Ion: 56 Resp: 2611
Ion Ratio Lower Upper
56 100
69 168.0 23.4 35.2#
84 130.8 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 48.531 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX041755.D

Acq: 05 Jun 2024 17:12

Instrument :

MSVOA_X

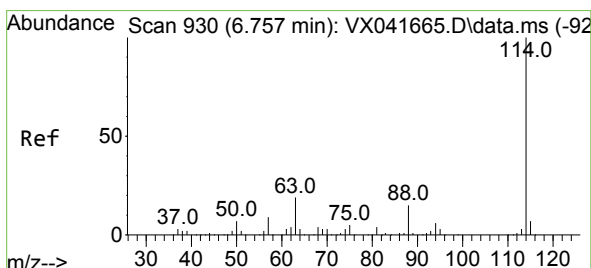
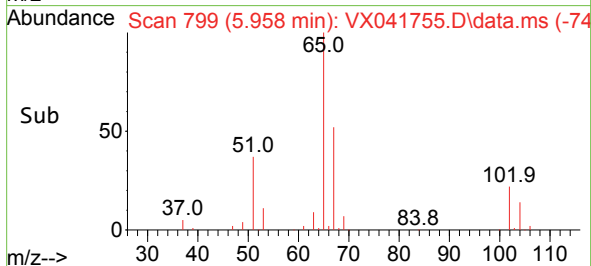
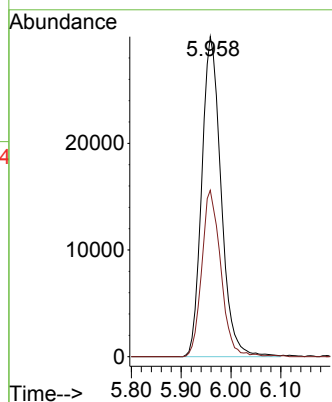
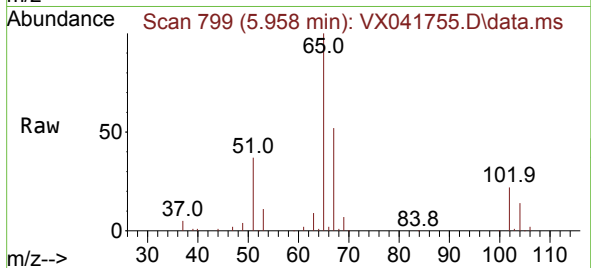
ClientSampleId :

Tgt Ion: 65 Resp: 80748

Ion Ratio Lower Upper

65 100

67 51.1 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX041755.D

Acq: 05 Jun 2024 17:12

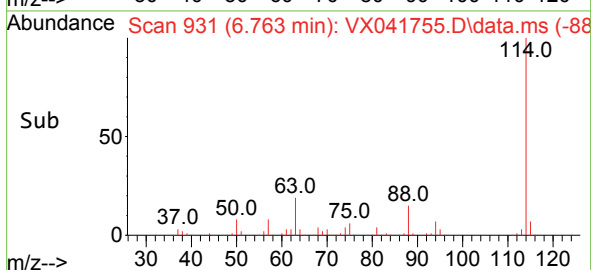
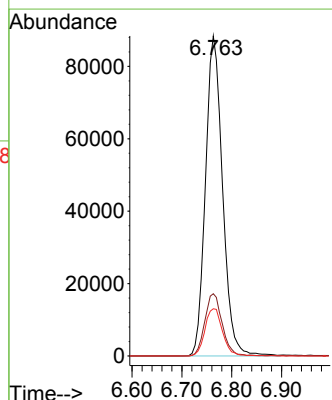
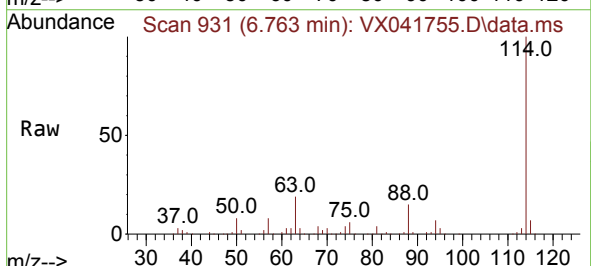
Tgt Ion: 114 Resp: 210617

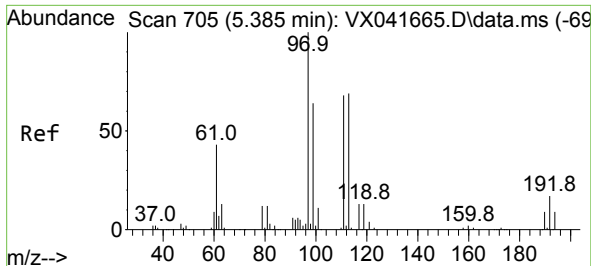
Ion Ratio Lower Upper

114 100

63 19.4 0.0 45.0

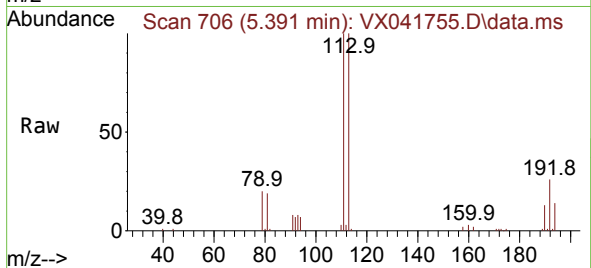
88 14.7 0.0 36.6



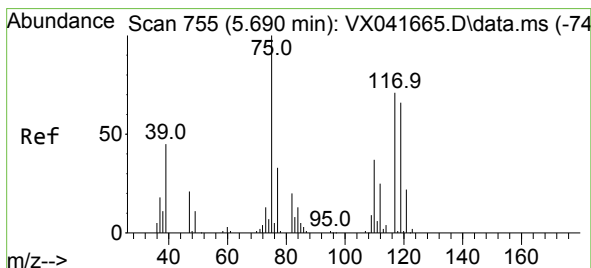
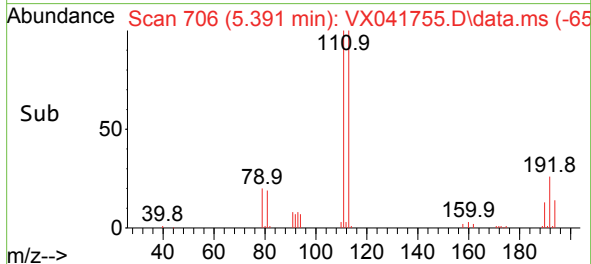
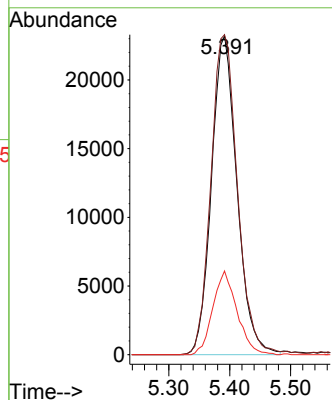


#35
Dibromofluoromethane
Concen: 46.337 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX041755.D
Acq: 05 Jun 2024 17:12

Instrument :
MSVOA_X
ClientSampleId :

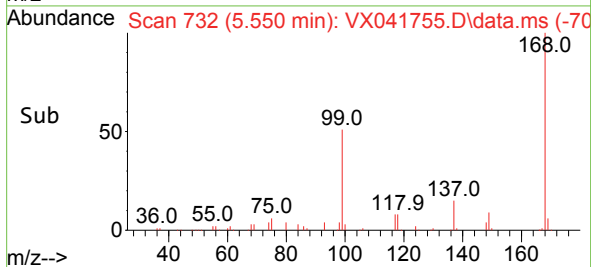
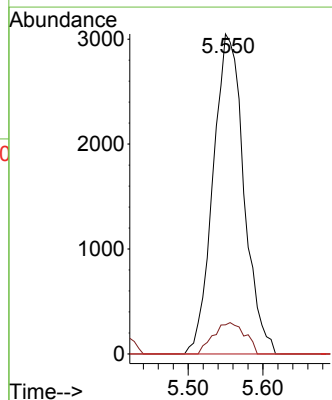
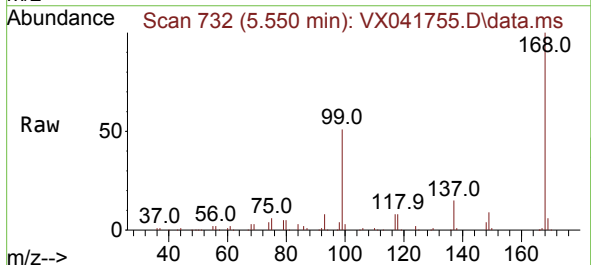


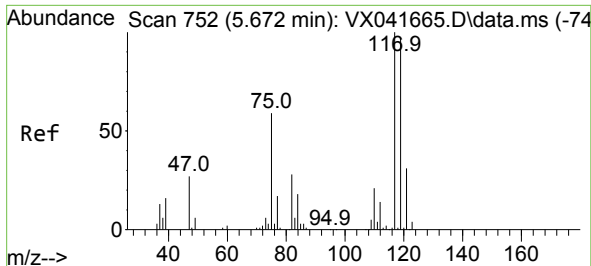
Tgt Ion:113 Resp: 67475
Ion Ratio Lower Upper
113 100
111 104.9 82.9 124.3
192 24.9 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 4.953 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX041755.D
Acq: 05 Jun 2024 17:12

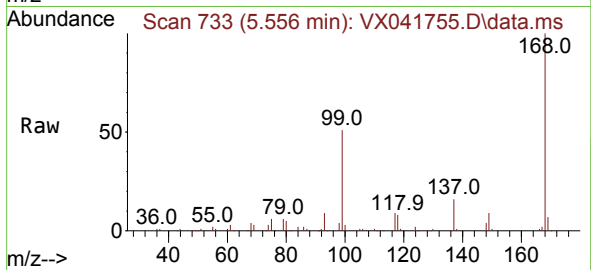
Tgt Ion: 75 Resp: 8733
Ion Ratio Lower Upper
75 100
110 10.0 17.0 50.9#
77 0.0 24.7 37.1#



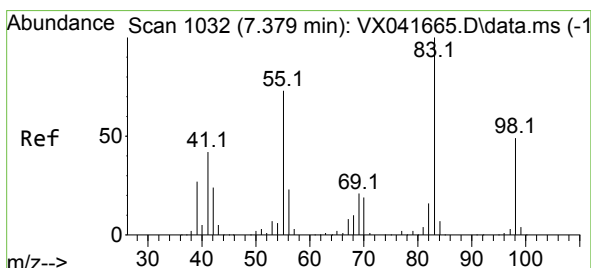
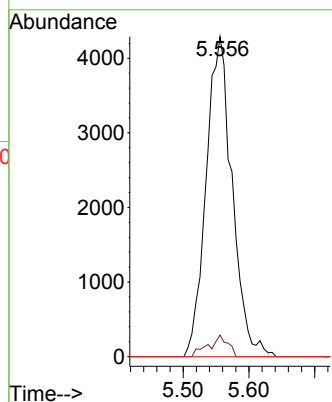
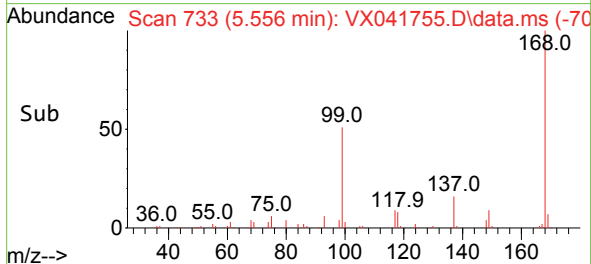


#38
Carbon Tetrachloride
Concen: 5.893 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.116 min
Lab File: VX041755.D
Acq: 05 Jun 2024 17:12

Instrument :
MSVOA_X
ClientSampleId :

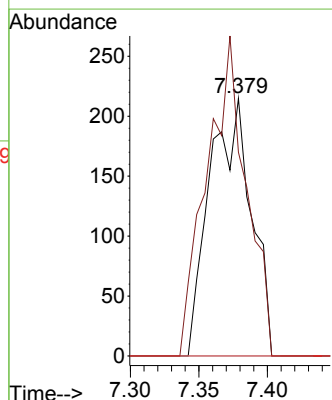
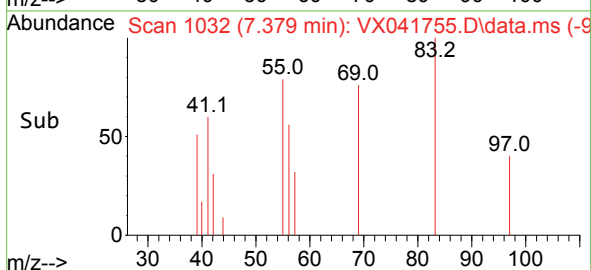
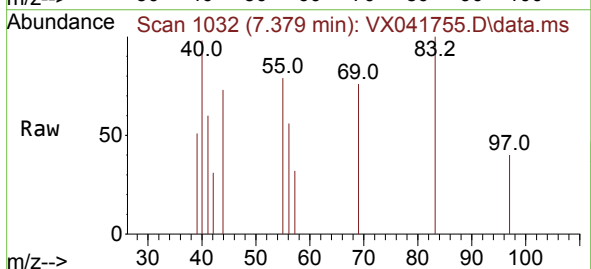


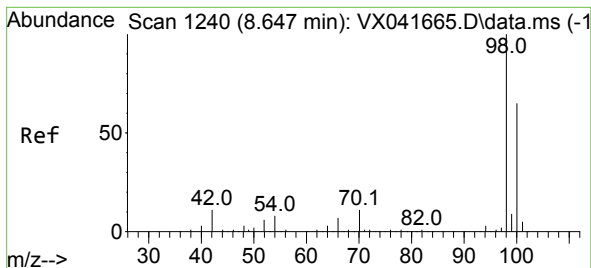
Tgt Ion:117 Resp: 11805
Ion Ratio Lower Upper
117 100
119 6.8 78.2 117.2#
121 0.0 24.4 36.6#



#39
Methylcyclohexane
Concen: 0.211 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX041755.D
Acq: 05 Jun 2024 17:12

Tgt Ion: 83 Resp: 456
Ion Ratio Lower Upper
83 100
55 79.1 64.6 97.0
98 0.0 36.7 55.1#





#50

Toluene-d8

Concen: 49.588 ug/l

RT: 8.647 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041755.D

Acq: 05 Jun 2024 17:12

Instrument :

MSVOA_X

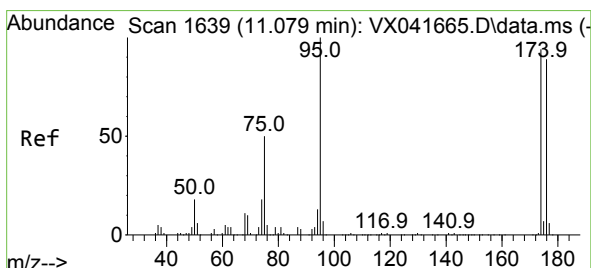
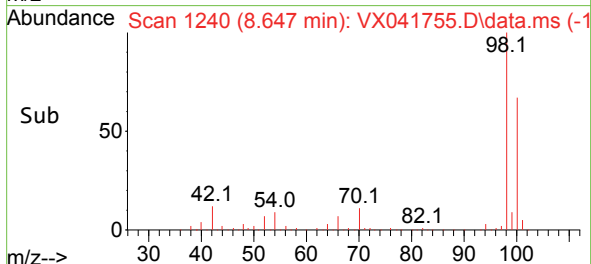
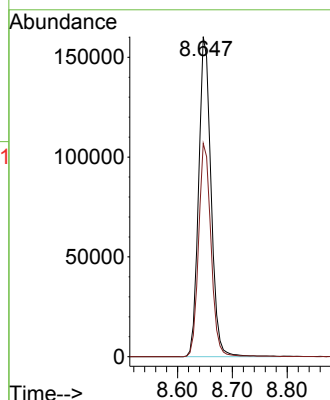
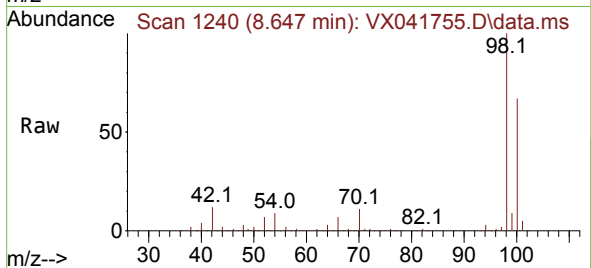
ClientSampleId :

Tgt Ion: 98 Resp: 252310

Ion Ratio Lower Upper

98 100

100 66.9 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 57.188 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX041755.D

Acq: 05 Jun 2024 17:12

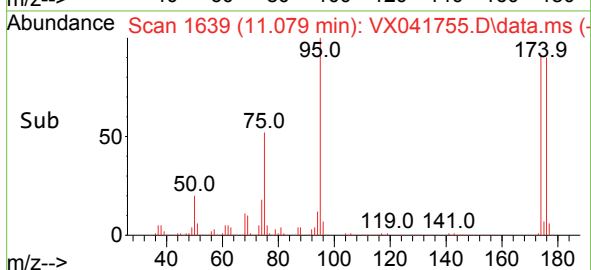
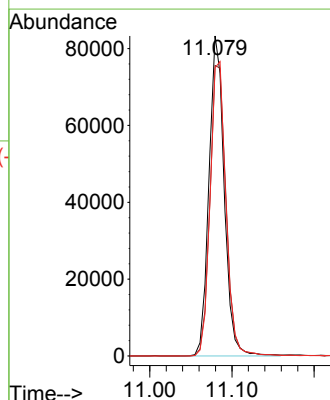
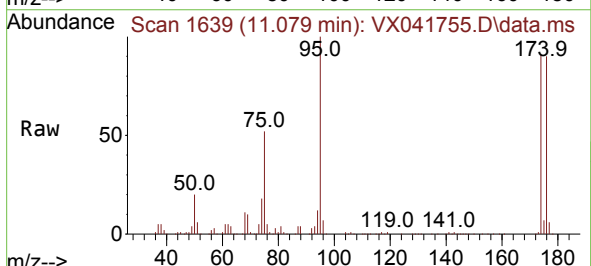
Tgt Ion: 95 Resp: 107394

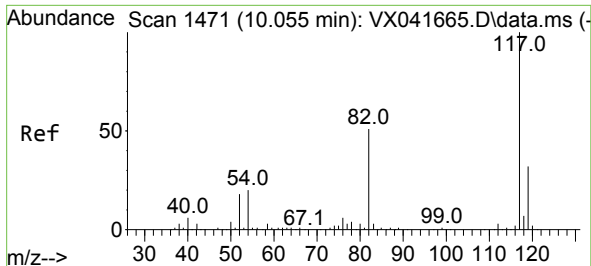
Ion Ratio Lower Upper

95 100

174 96.2 0.0 135.6

176 95.1 0.0 131.0

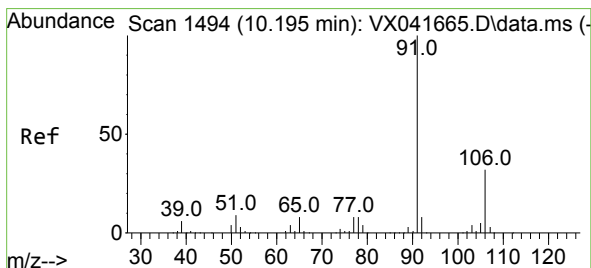
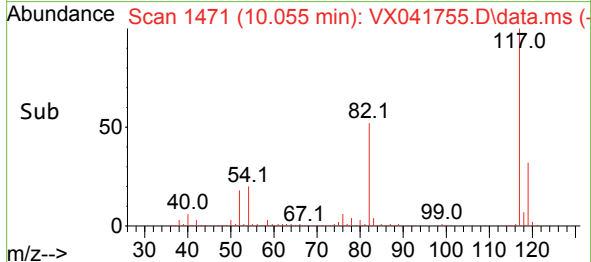
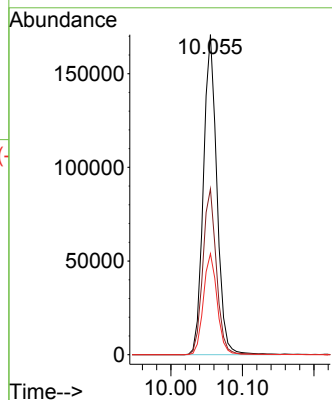
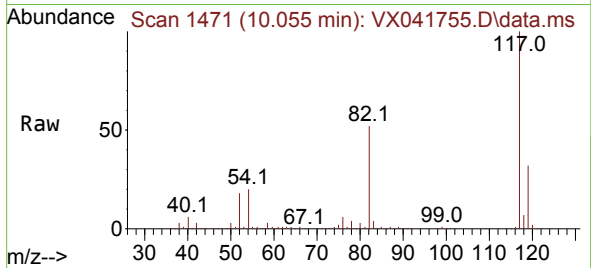




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041755.D
Acq: 05 Jun 2024 17:12

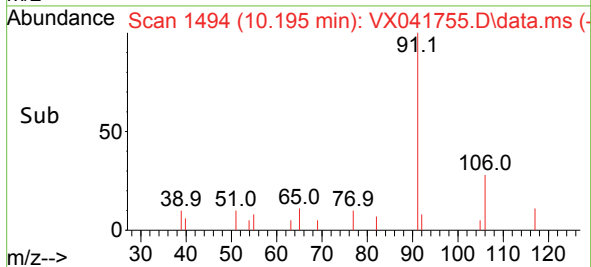
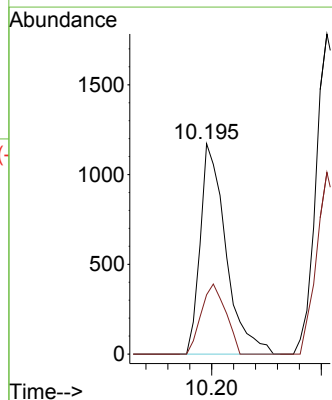
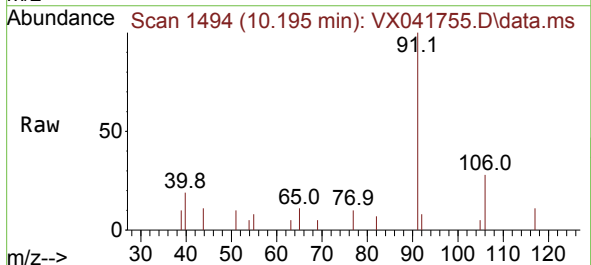
Instrument :
MSVOA_X
ClientSampleId :

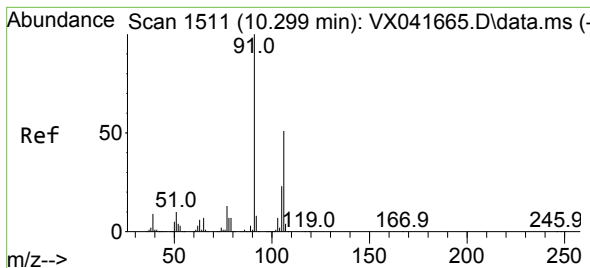
Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.8	46.2	69.4
119	31.6	25.5	38.3



#67
Ethyl Benzene
Concen: 0.249 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX041755.D
Acq: 05 Jun 2024 17:12

Tgt Ion	Ratio	Lower	Upper
91	100		
106	28.2	24.9	37.3

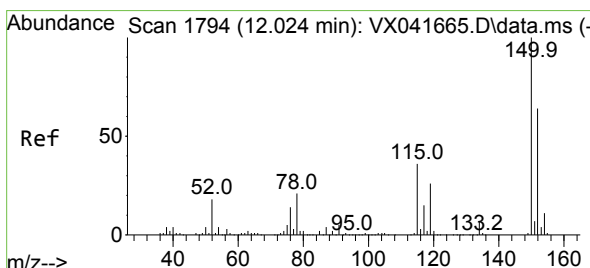
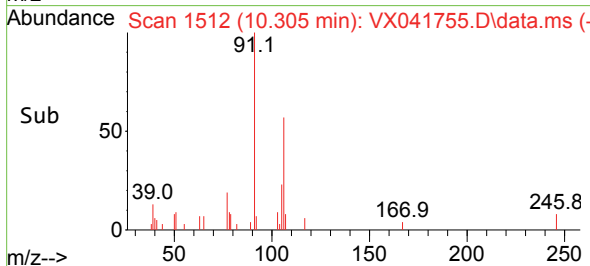
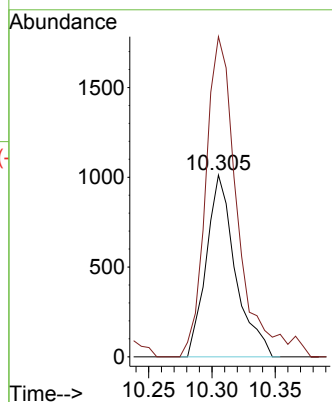
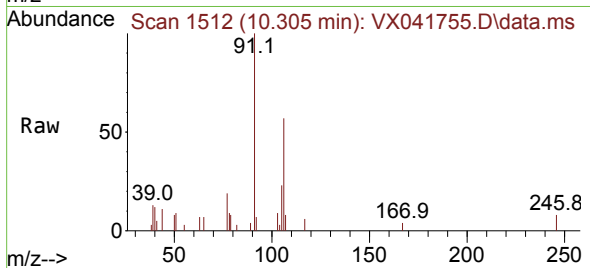




#68
m/p-Xylenes
Concen: 0.531 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX041755.D
Acq: 05 Jun 2024 17:12

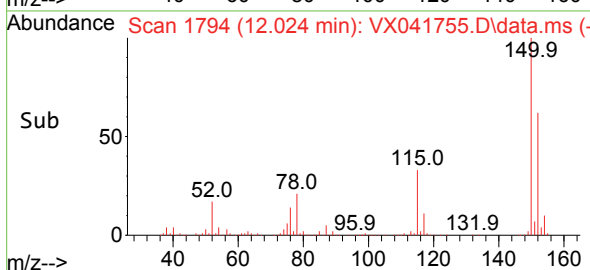
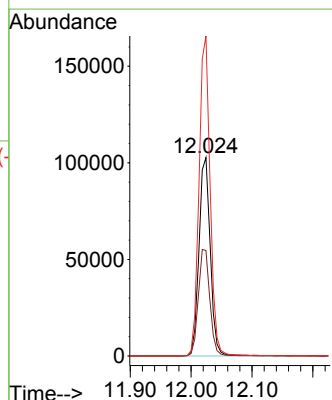
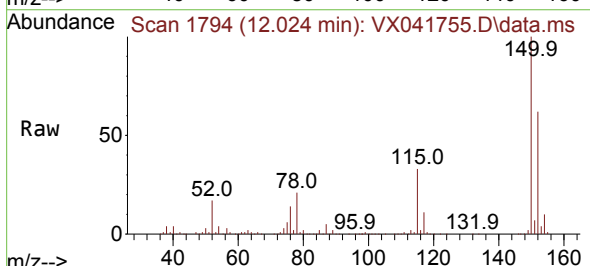
Instrument :
MSVOA_X
ClientSampleId :

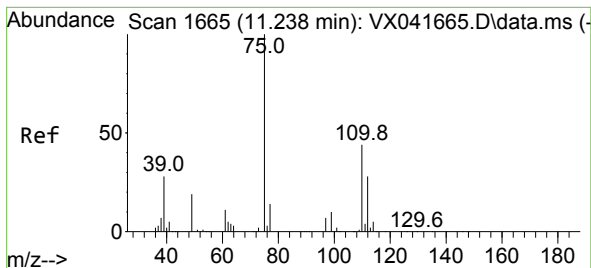
Tgt Ion:106 Resp: 1618
Ion Ratio Lower Upper
106 100
91 193.4 165.5 248.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX041755.D
Acq: 05 Jun 2024 17:12

Tgt Ion:152 Resp: 132374
Ion Ratio Lower Upper
152 100
115 54.8 43.3 129.9
150 158.1 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 24.072 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX041755.D

Acq: 05 Jun 2024 17:12

Instrument :

MSVOA_X

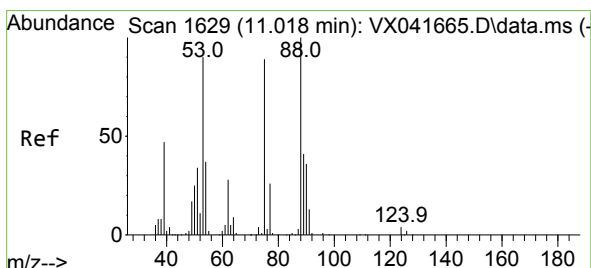
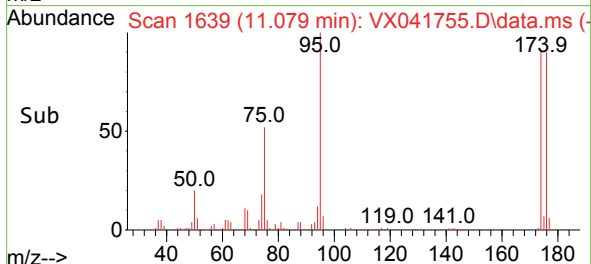
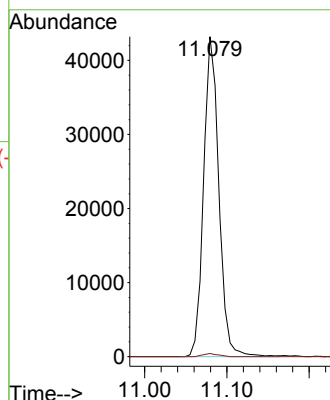
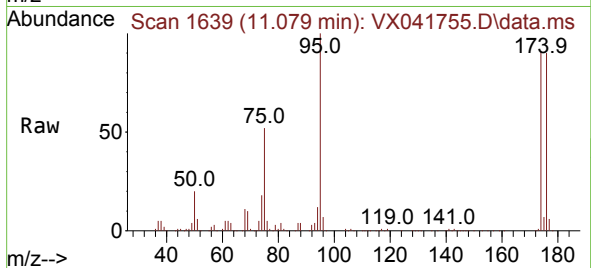
ClientSampleId :

Tgt Ion: 75 Resp: 55598

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 65.608 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041755.D

Acq: 05 Jun 2024 17:12

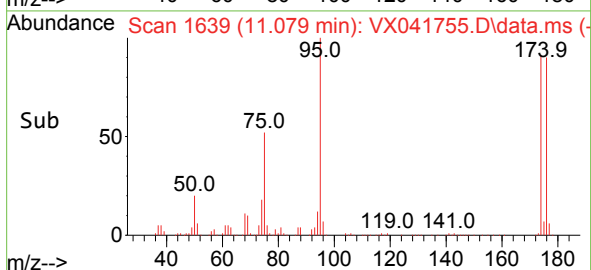
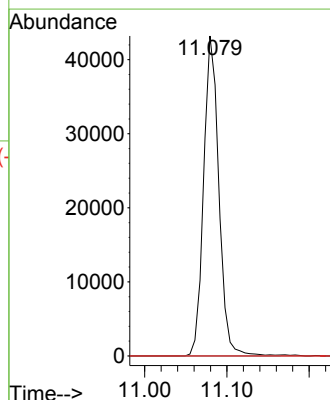
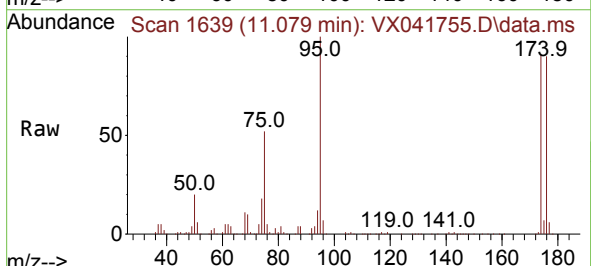
Tgt Ion: 75 Resp: 55598

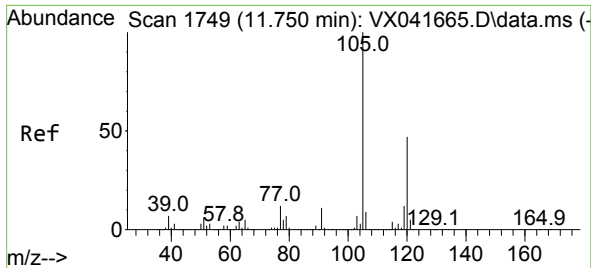
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

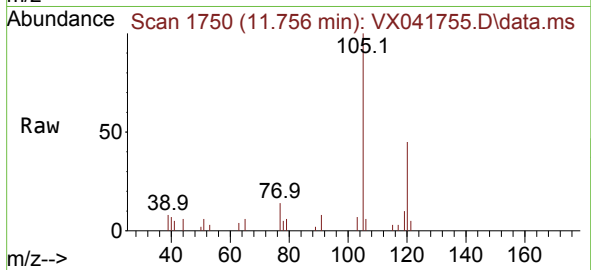
89 0.0 36.9 55.3#





#84
 1,2,4-Trimethylbenzene
 Concen: 0.441 ug/l
 RT: 11.756 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX041755.D
 Acq: 05 Jun 2024 17:12

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
105	100		
120	51.5	21.2	63.6

