

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061024\
 Data File : VX041804.D
 Acq On : 10 Jun 2024 12:49
 Operator : JC/MD
 Sample : P2796-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 11 03:47:13 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)

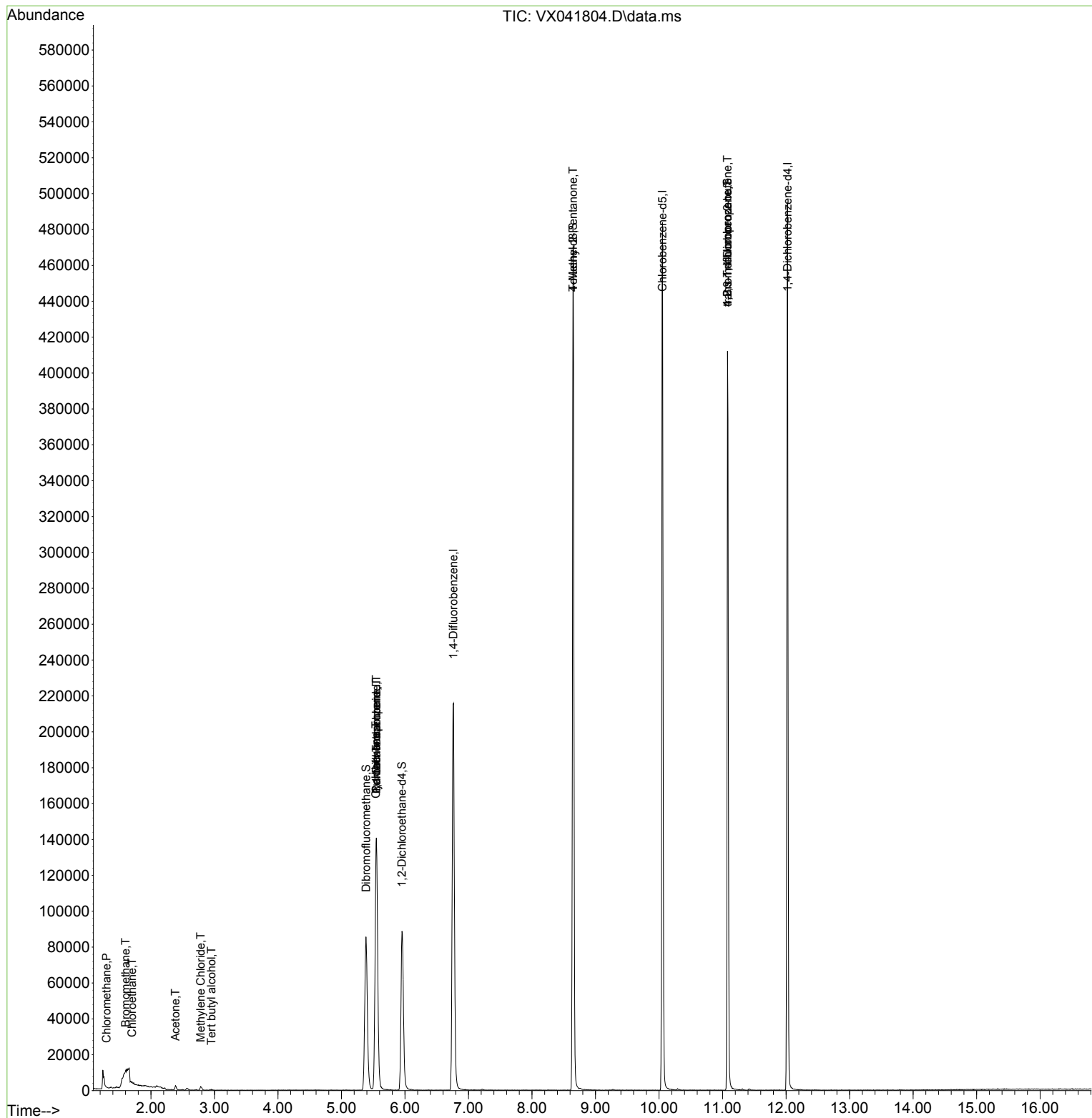
Internal Standards						
1) Pentafluorobenzene	5.550	168	148278	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	231857	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	233838	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	115297	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	88354	48.584	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.160%
35) Dibromofluoromethane	5.385	113	73638	45.936	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.880%
50) Toluene-d8	8.647	98	278131	49.655	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.320%
62) 4-Bromofluorobenzene	11.079	95	104596	50.595	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.200%
Target Compounds						
						Qvalue
3) Chloromethane	1.301	50	454	0.319	ug/l	92
5) Bromomethane	1.599	94	435	0.427	ug/l	93
6) Chloroethane	1.703	64	208	0.235	ug/l	# 43
11) Tert butyl alcohol	2.953	59	252	0.783	ug/l	# 78
16) Acetone	2.386	43	2768	0.778	ug/l	98
20) Methylene Chloride	2.782	84	1036	0.637	ug/l	89
31) Cyclohexane	5.544	56	2660	1.239	ug/l	# 15
36) 1,1-Dichloropropene	5.550	75	9755	5.026	ug/l	# 50
38) Carbon Tetrachloride	5.550	117	13491	6.118	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.647	43	1272	0.530	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	52536	26.115	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	52536	71.177	ug/l	# 5

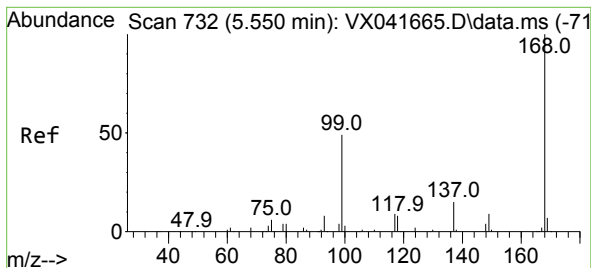
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX041804.D

Acq: 10 Jun 2024 12:49

Instrument :

MSVOA_X

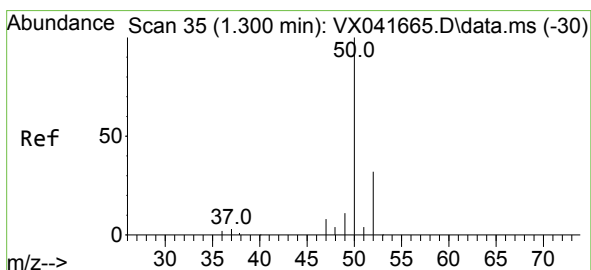
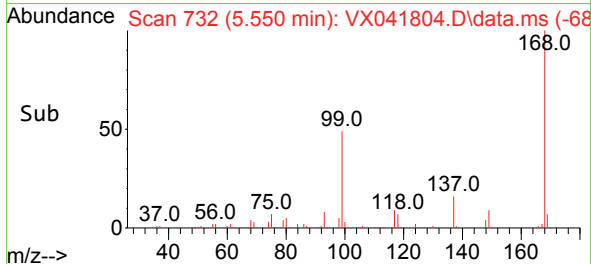
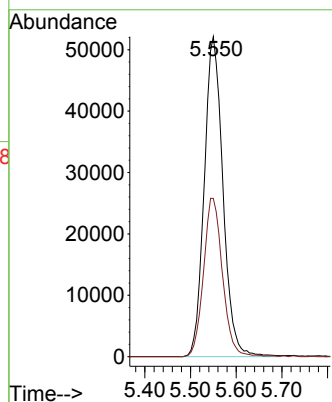
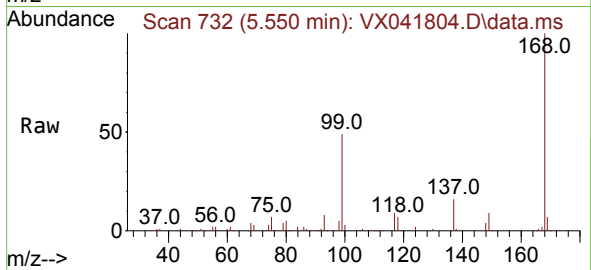
ClientSampleId :

Tgt Ion:168 Resp: 148278

Ion Ratio Lower Upper

168 100

99 49.4 56.6 85.0#



#3

Chloromethane

Concen: 0.319 ug/l

RT: 1.301 min Scan# 35

Delta R.T. 0.000 min

Lab File: VX041804.D

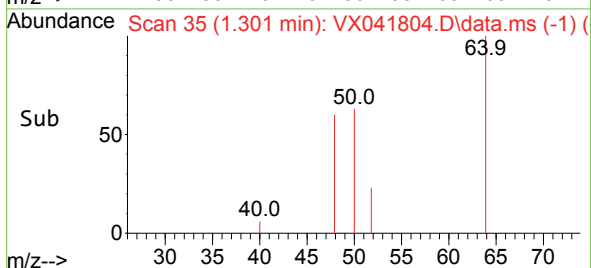
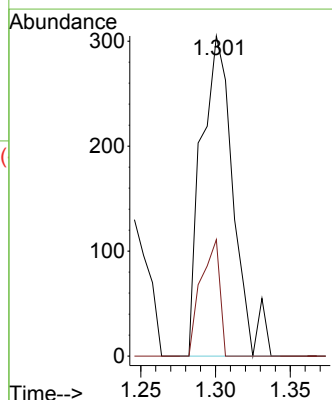
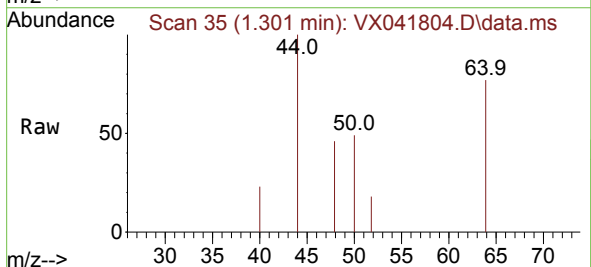
Acq: 10 Jun 2024 12:49

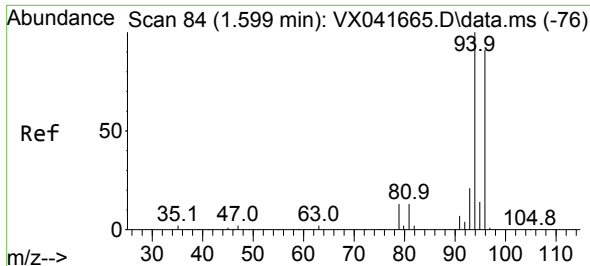
Tgt Ion: 50 Resp: 454

Ion Ratio Lower Upper

50 100

52 36.4 25.5 38.3

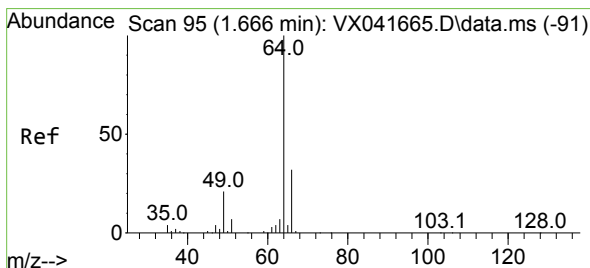
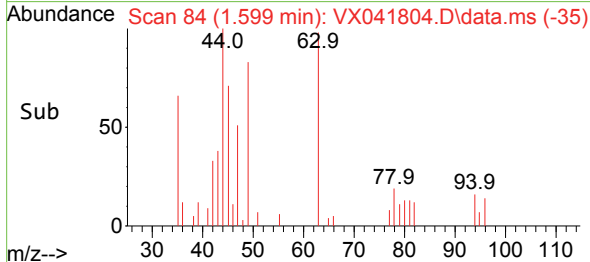
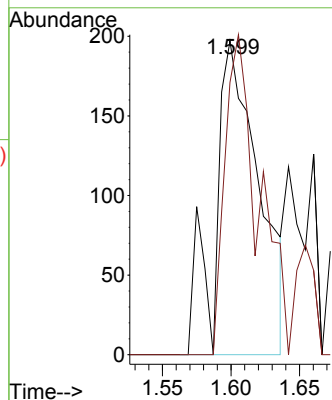
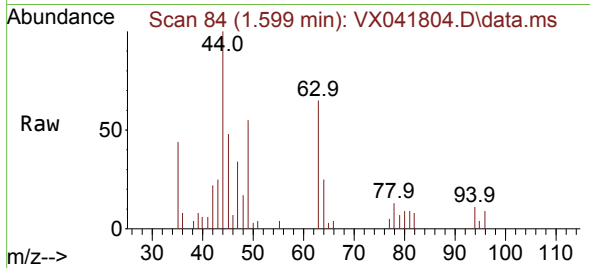




#5
Bromomethane
Concen: 0.427 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041804.D
Acq: 10 Jun 2024 12:49

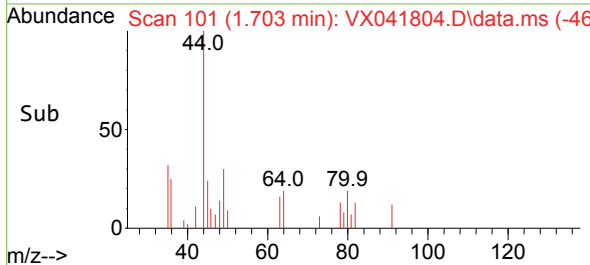
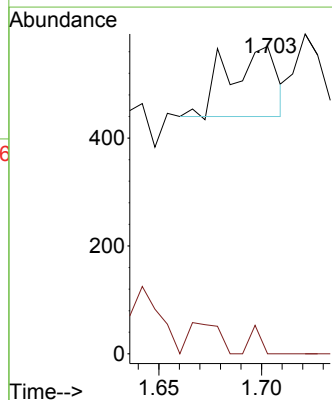
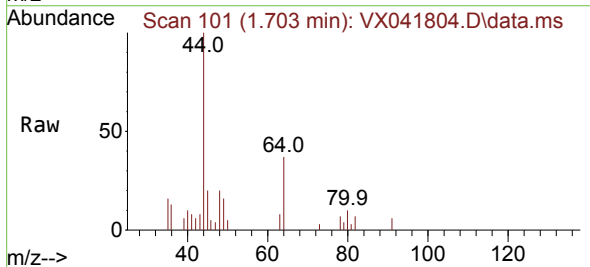
Instrument :
MSVOA_X
ClientSampleId :

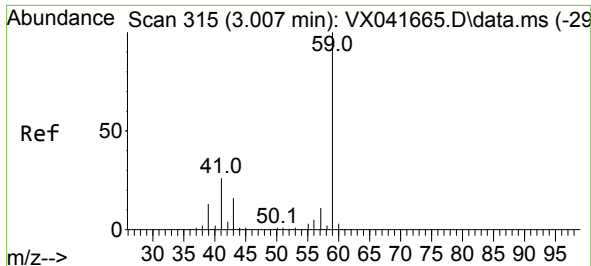
Tgt Ion: 94 Resp: 435
Ion Ratio Lower Upper
94 100
96 86.8 74.6 111.8



#6
Chloroethane
Concen: 0.235 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.037 min
Lab File: VX041804.D
Acq: 10 Jun 2024 12:49

Tgt Ion: 64 Resp: 208
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#





#11

Tert butyl alcohol

Concen: 0.783 ug/l

RT: 2.953 min Scan# 30

Delta R.T. -0.055 min

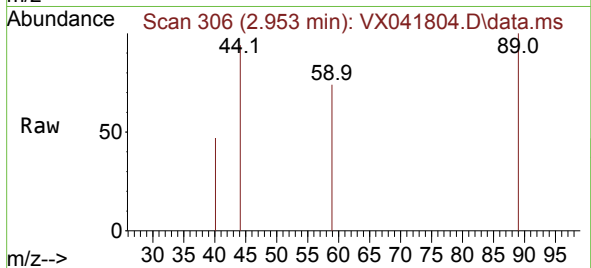
Lab File: VX041804.D

Acq: 10 Jun 2024 12:49

Instrument :

MSVOA_X

ClientSampleId :

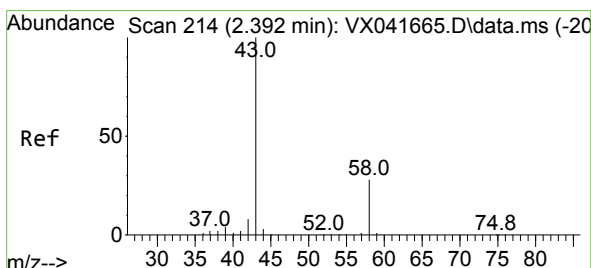
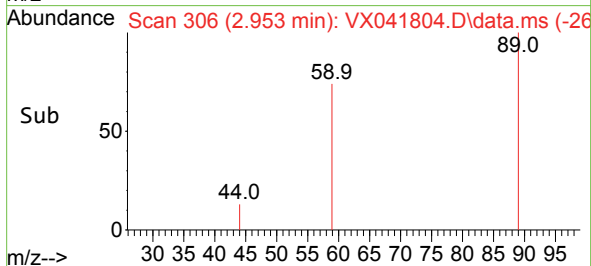
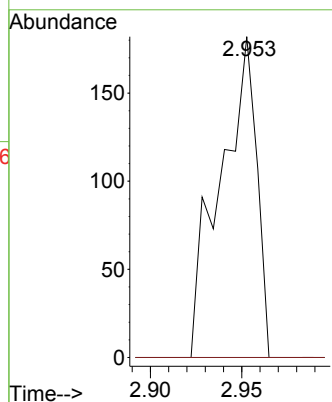


Tgt Ion: 59 Resp: 252

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 0.778 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX041804.D

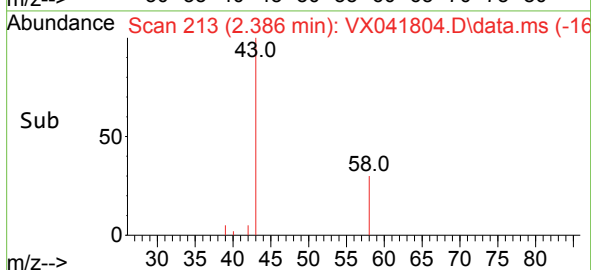
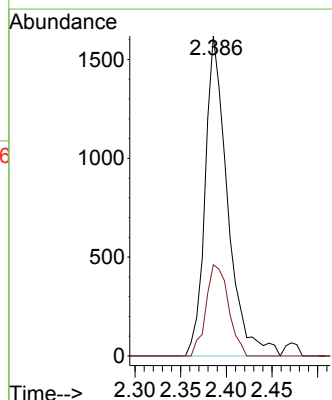
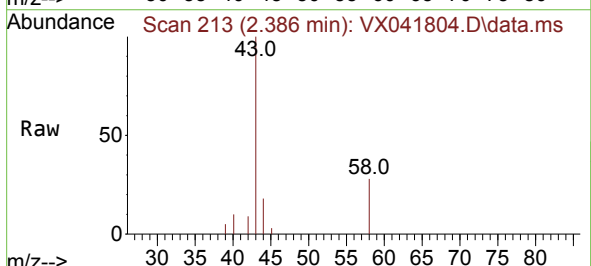
Acq: 10 Jun 2024 12:49

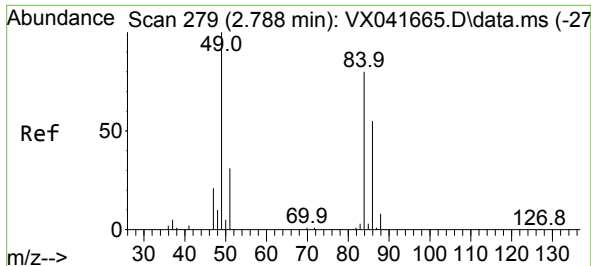
Tgt Ion: 43 Resp: 2768

Ion Ratio Lower Upper

43 100

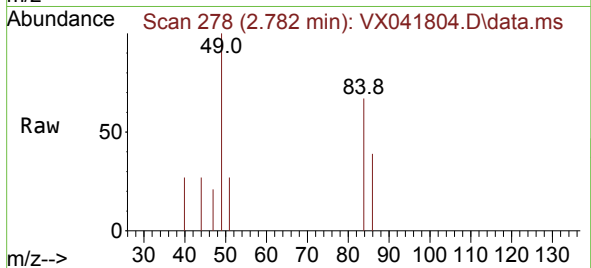
58 28.5 21.9 32.9



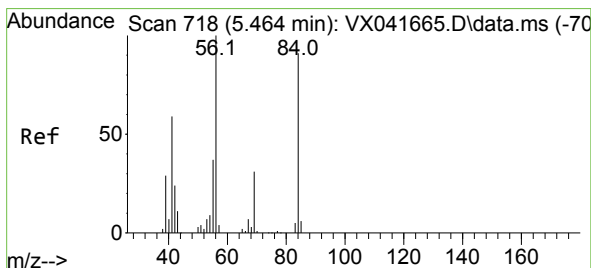
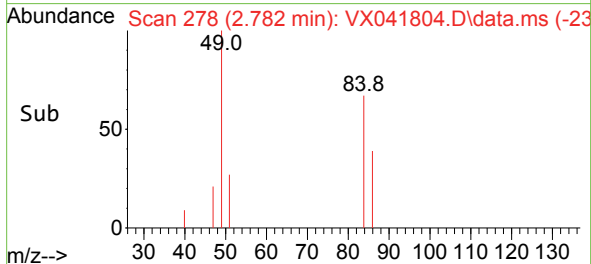
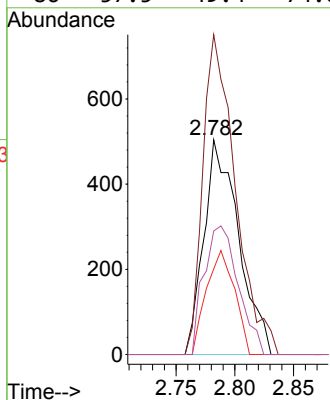


#20
Methylene Chloride
Concen: 0.637 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX041804.D
Acq: 10 Jun 2024 12:49

Instrument :
MSVOA_X
ClientSampleId :

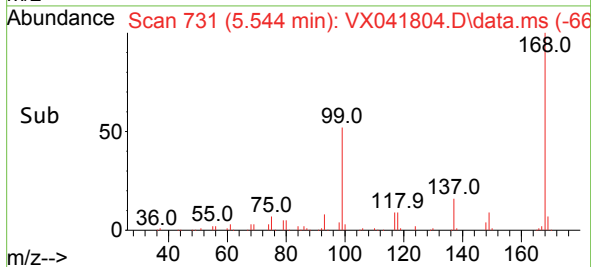
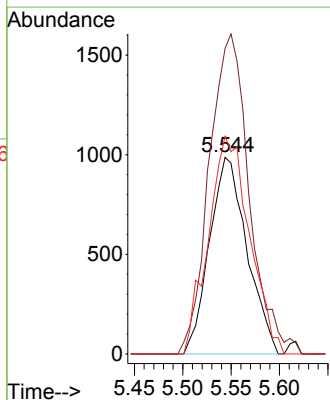
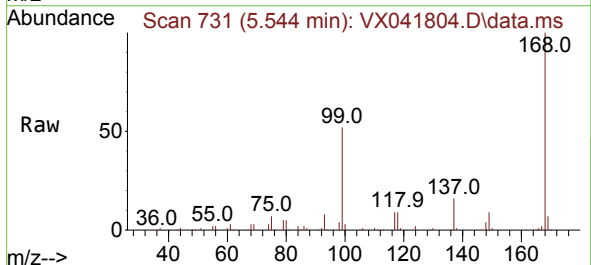


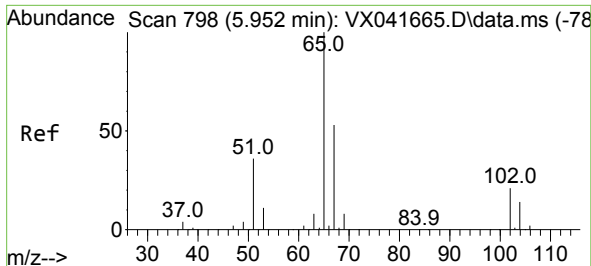
Tgt Ion:	84	Resp:	1036
Ion	Ratio	Lower	Upper
84	100		
49	149.0	103.6	155.4
51	39.9	33.8	50.6
86	57.5	49.4	74.0



#31
Cyclohexane
Concen: 1.239 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX041804.D
Acq: 10 Jun 2024 12:49

Tgt Ion:	56	Resp:	2660
Ion	Ratio	Lower	Upper
56	100		
69	155.4	23.4	35.2#
84	110.6	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 48.584 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX041804.D

Acq: 10 Jun 2024 12:49

Instrument :

MSVOA_X

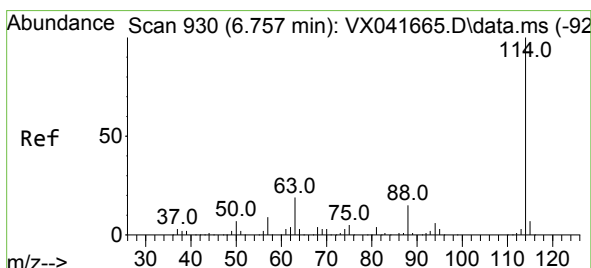
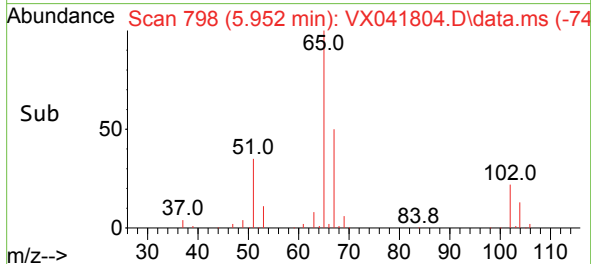
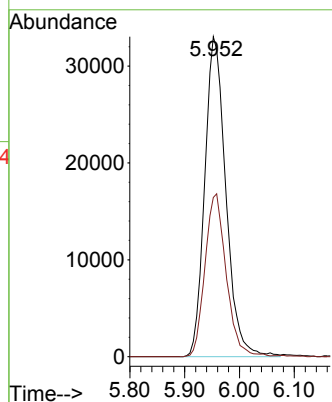
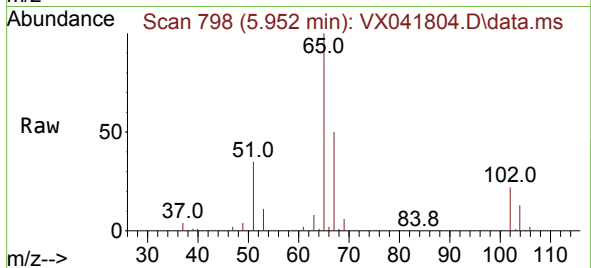
ClientSampleId :

Tgt Ion: 65 Resp: 88354

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: VX041804.D

Acq: 10 Jun 2024 12:49

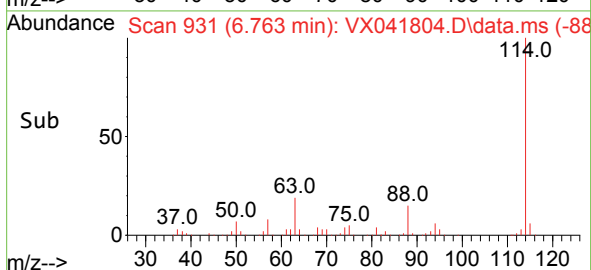
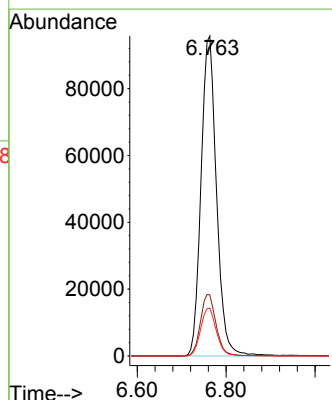
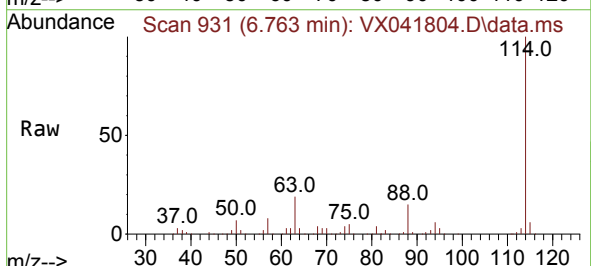
Tgt Ion: 114 Resp: 231857

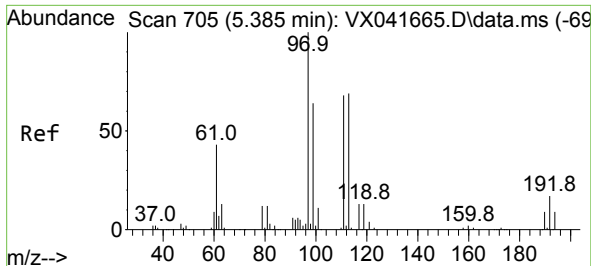
Ion Ratio Lower Upper

114 100

63 19.1 0.0 45.0

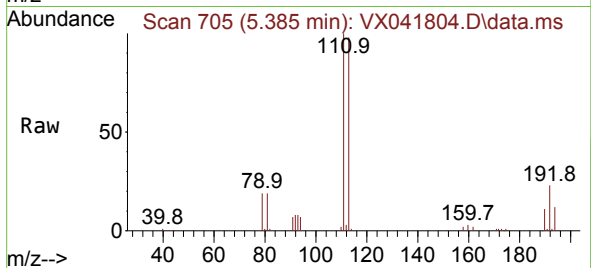
88 15.0 0.0 36.6



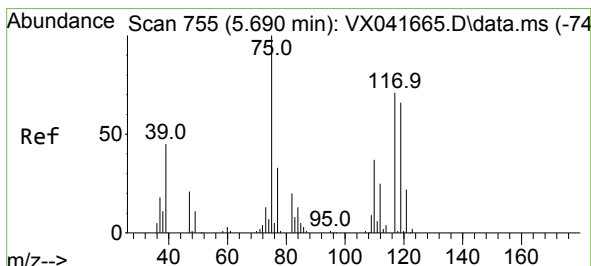
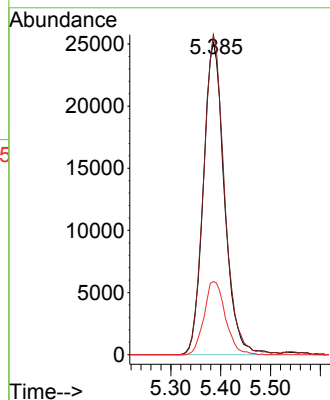
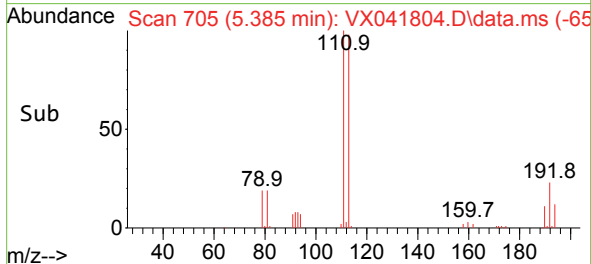


#35
Dibromofluoromethane
Concen: 45.936 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041804.D
Acq: 10 Jun 2024 12:49

Instrument :
MSVOA_X
ClientSampleId :

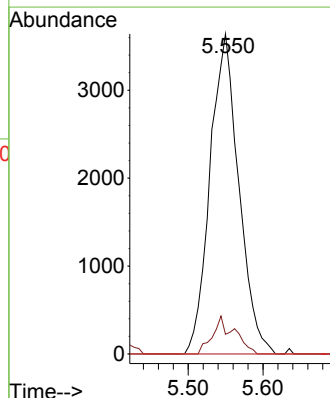
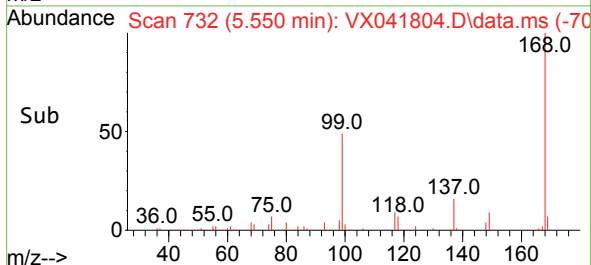
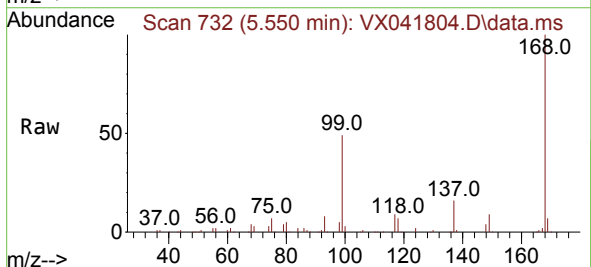


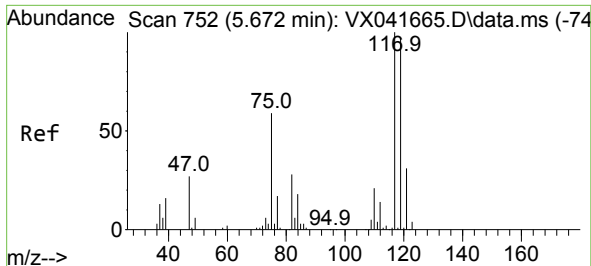
Tgt Ion:113 Resp: 73638
Ion Ratio Lower Upper
113 100
111 102.0 82.9 124.3
192 23.8 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 5.026 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX041804.D
Acq: 10 Jun 2024 12:49

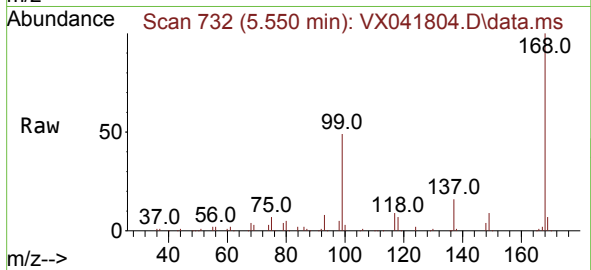
Tgt Ion: 75 Resp: 9755
Ion Ratio Lower Upper
75 100
110 8.9 17.0 50.9#
77 0.0 24.7 37.1#



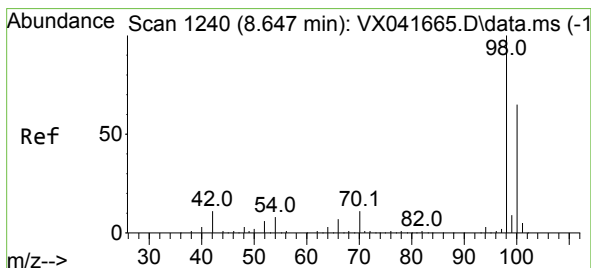
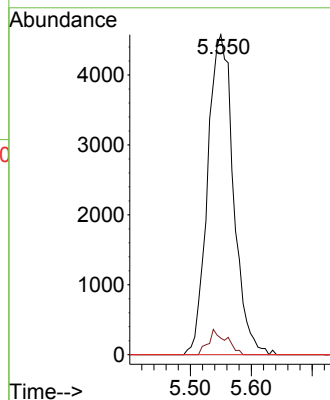
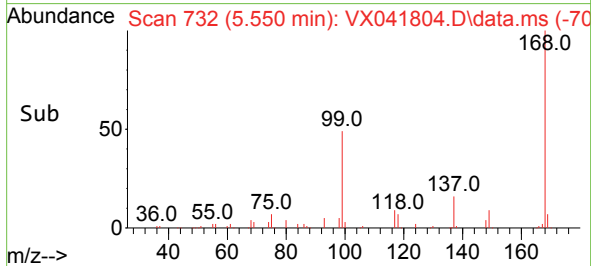


#38
Carbon Tetrachloride
Concen: 6.118 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX041804.D
Acq: 10 Jun 2024 12:49

Instrument :
MSVOA_X
ClientSampleId :

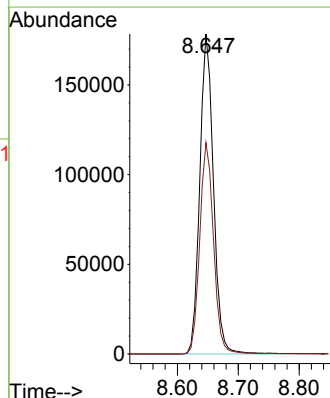
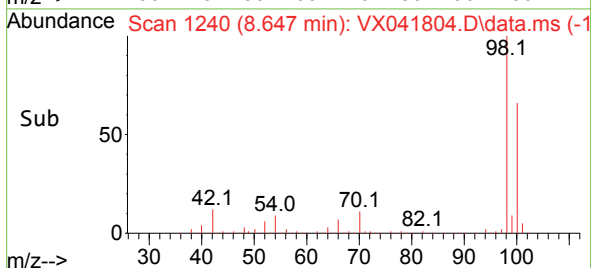
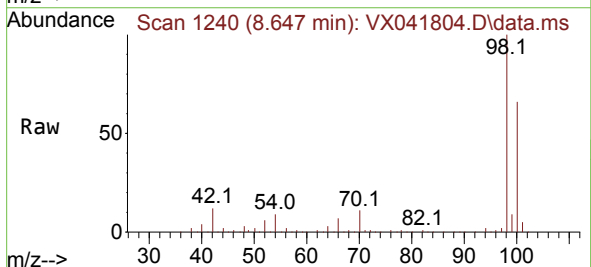


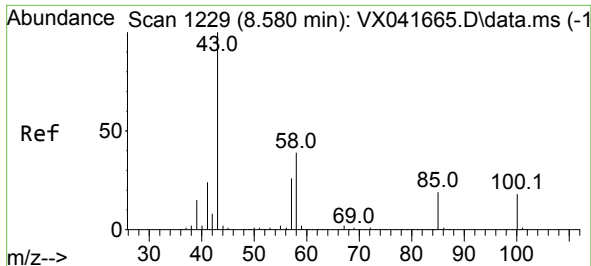
Tgt Ion:117 Resp: 13491
Ion Ratio Lower Upper
117 100
119 5.1 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.655 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041804.D
Acq: 10 Jun 2024 12:49

Tgt Ion: 98 Resp: 278131
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7

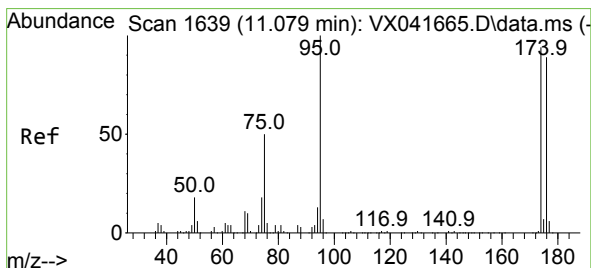
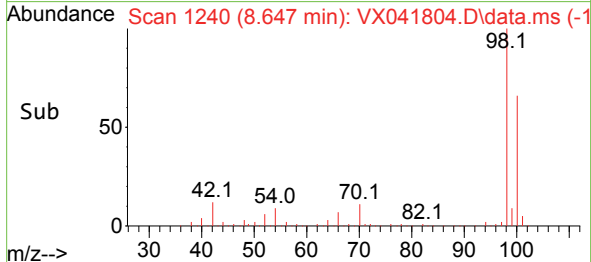
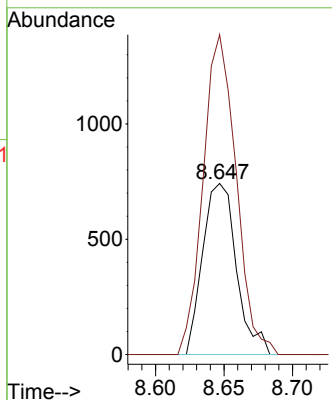
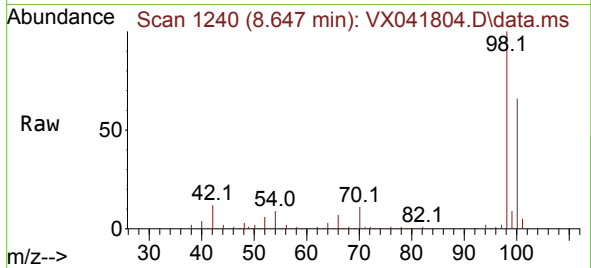




#51
4-Methyl-2-Pentanone
Concen: 0.530 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX041804.D
Acq: 10 Jun 2024 12:49

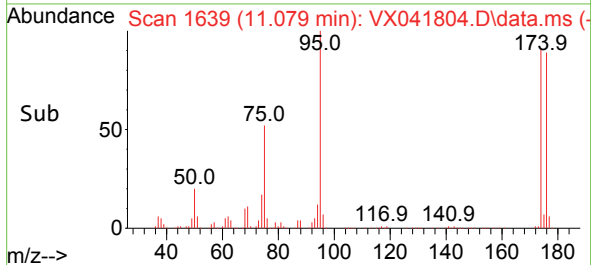
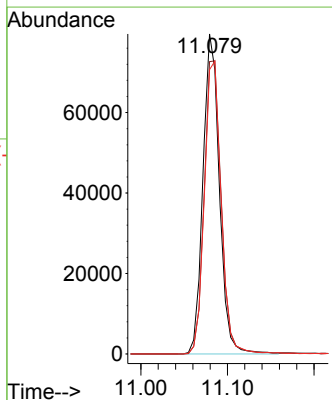
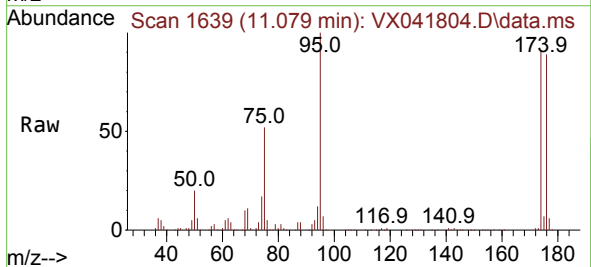
Instrument :
MSVOA_X
ClientSampleId :

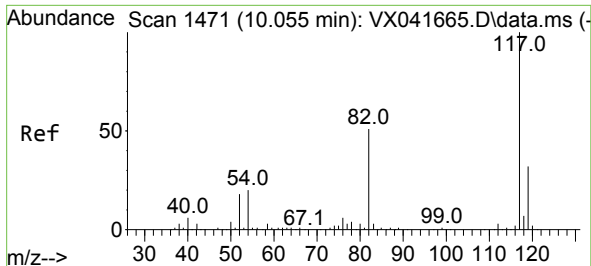
Tgt Ion: 43 Resp: 1272
Ion Ratio Lower Upper
43 100
58 182.9 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 50.595 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041804.D
Acq: 10 Jun 2024 12:49

Tgt Ion: 95 Resp: 104596
Ion Ratio Lower Upper
95 100
174 95.9 0.0 135.6
176 93.9 0.0 131.0

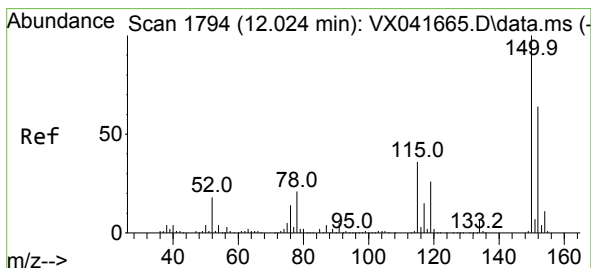
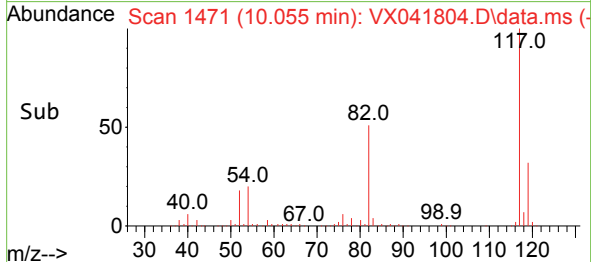
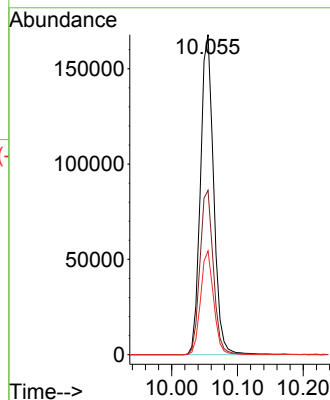
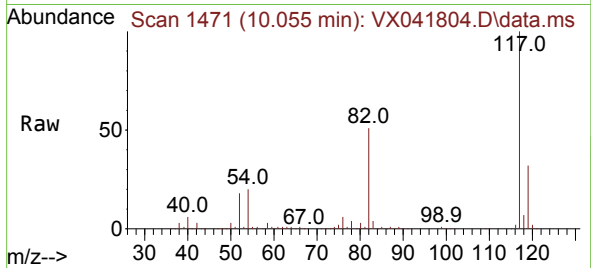




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041804.D
Acq: 10 Jun 2024 12:49

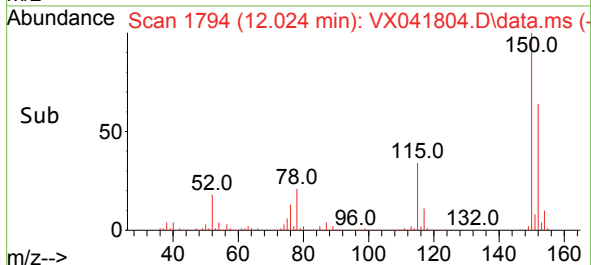
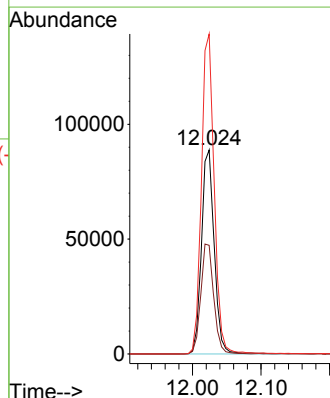
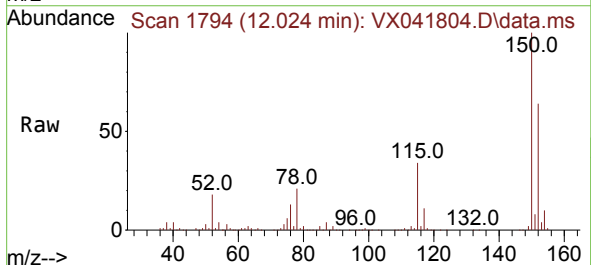
Instrument :
MSVOA_X
ClientSampleId :

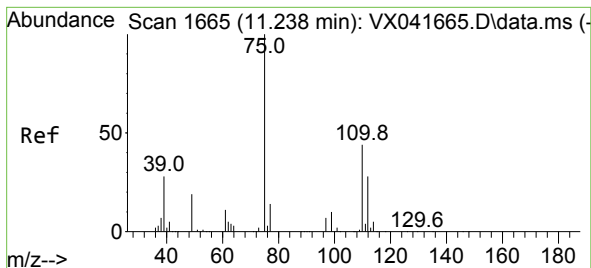
Tgt Ion:117 Resp: 233838
Ion Ratio Lower Upper
117 100
82 51.3 46.2 69.4
119 32.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX041804.D
Acq: 10 Jun 2024 12:49

Tgt Ion:152 Resp: 115297
Ion Ratio Lower Upper
152 100
115 54.6 43.3 129.9
150 157.4 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 26.115 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX041804.D

Acq: 10 Jun 2024 12:49

Instrument :

MSVOA_X

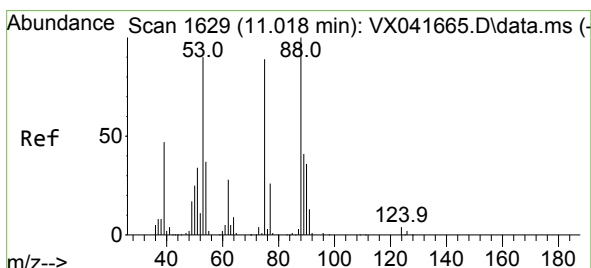
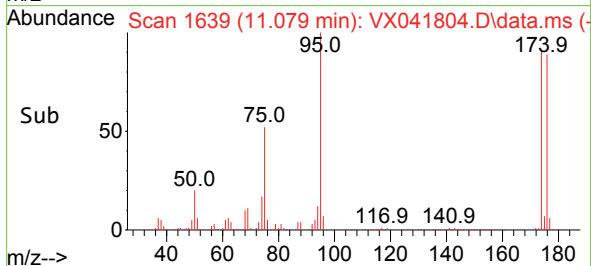
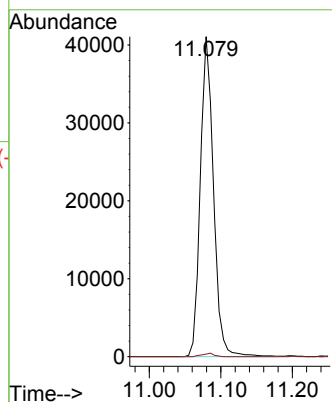
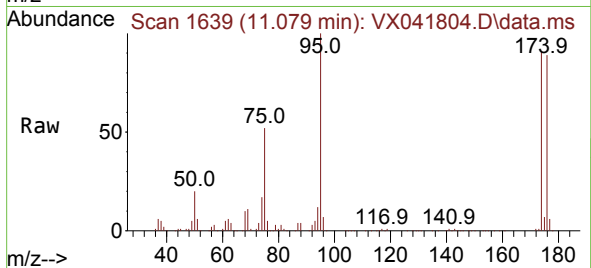
ClientSampleId :

Tgt Ion: 75 Resp: 52536

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 71.177 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041804.D

Acq: 10 Jun 2024 12:49

Tgt Ion: 75 Resp: 52536

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.1 36.9 55.3#

