

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060724\
 Data File : VX041791.D
 Acq On : 07 Jun 2024 15:56
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 08 05:16:56 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)

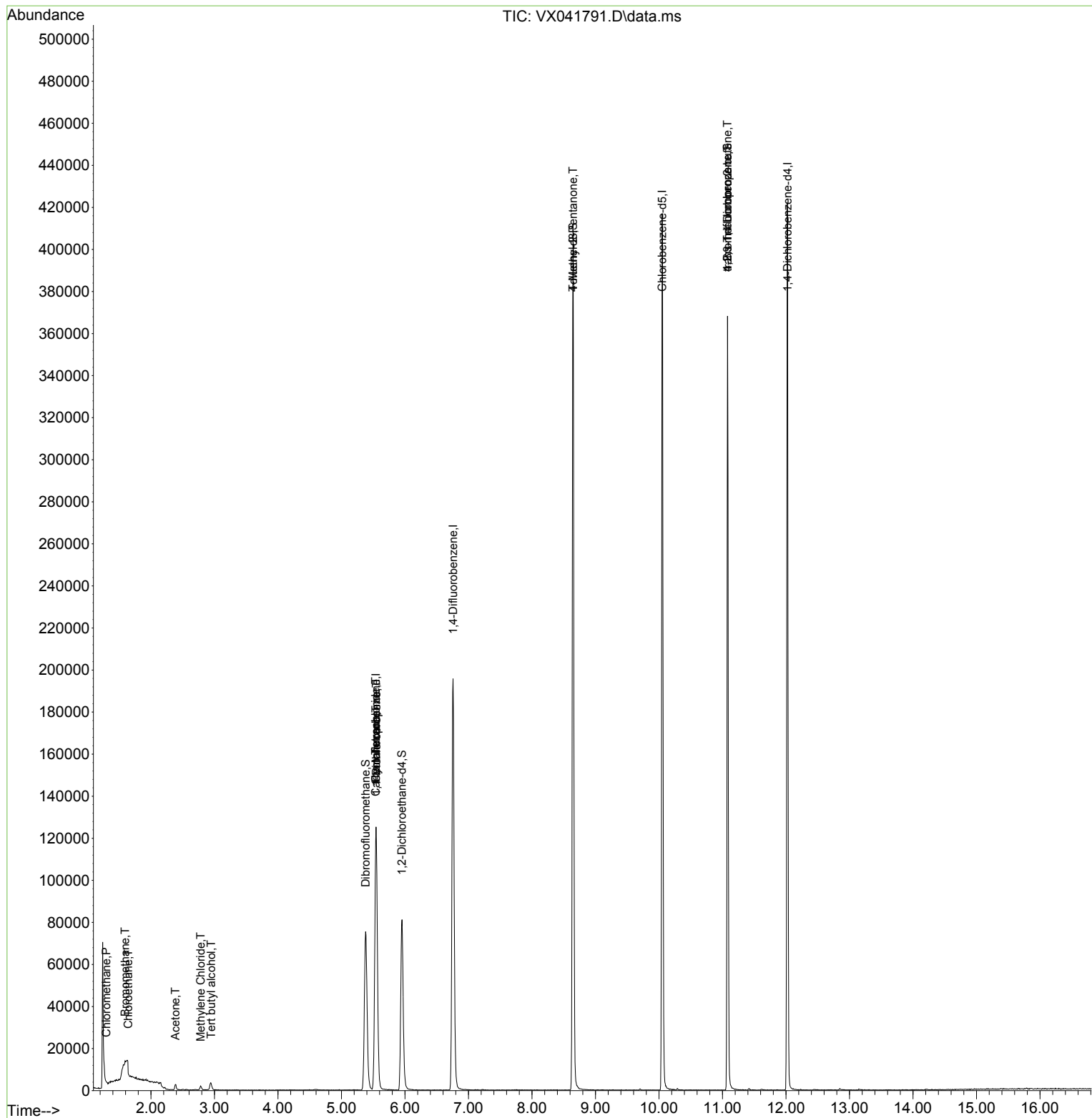
Internal Standards						
1) Pentafluorobenzene	5.544	168	132658	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	209110	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	201691	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94391	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	80672	49.583	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.160%
35) Dibromofluoromethane	5.379	113	66228	45.808	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.620%
50) Toluene-d8	8.647	98	245028	48.504	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.000%
62) 4-Bromofluorobenzene	11.079	95	88942	47.703	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	348	0.274	ug/l #	43
5) Bromomethane	1.593	94	309	0.339	ug/l	93
6) Chloroethane	1.642	64	617	0.780	ug/l #	56
11) Tert butyl alcohol	2.947	59	2248	7.811	ug/l #	78
16) Acetone	2.386	43	3061	1.596	ug/l	92
20) Methylene Chloride	2.782	84	911	0.626	ug/l	96
31) Cyclohexane	5.544	56	2305	1.200	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	8583	4.903	ug/l #	51
38) Carbon Tetrachloride	5.538	117	11766	5.916	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1047	0.484	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	45269	27.487	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	45269	74.916	ug/l #	5

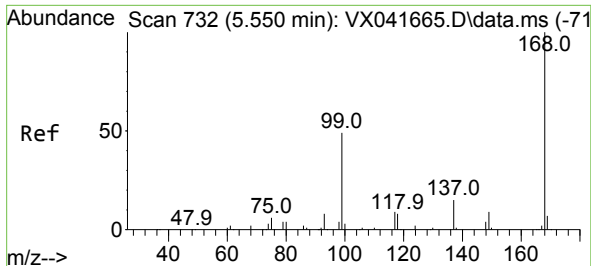
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060724\
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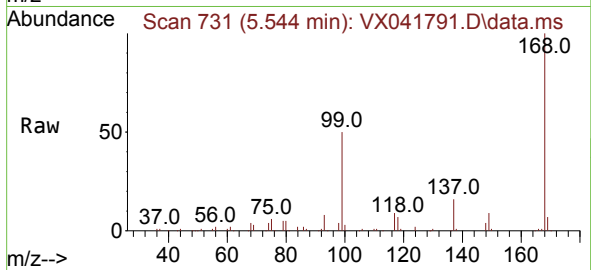
Quant Time: Jun 08 05:16:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
Quant Title : SW846 8260
QLast Update : Thu May 30 07:36:24 2024
Response via : Initial Calibration



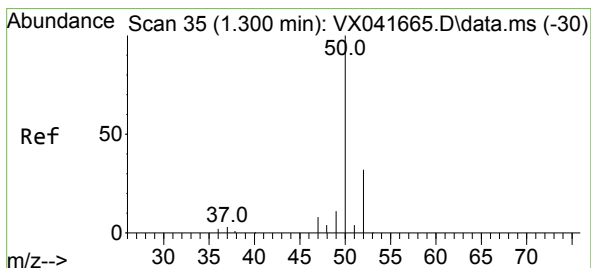
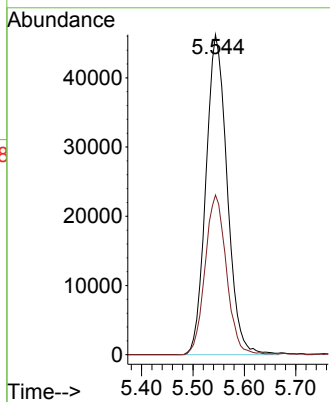
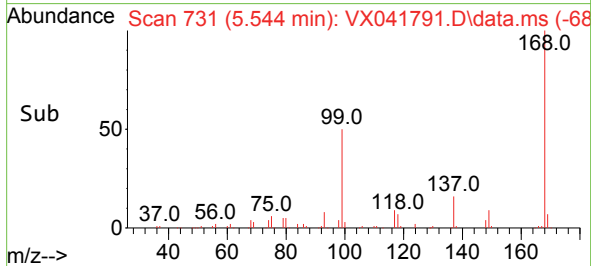


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX041791.D
Acq: 07 Jun 2024 15:56

Instrument :
MSVOA_X
ClientSampleId :

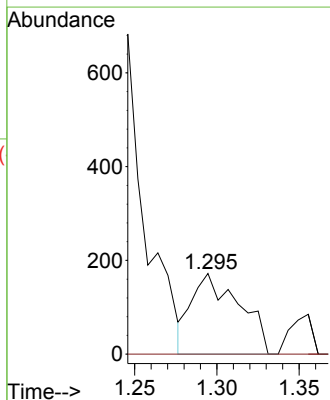
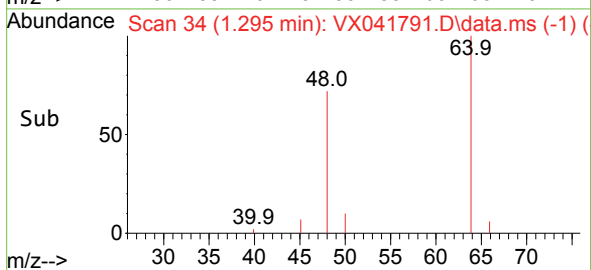
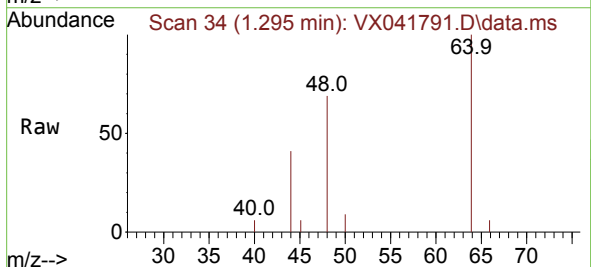


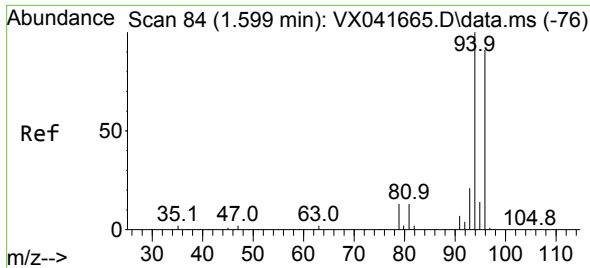
Tgt Ion:168 Resp: 132658
Ion Ratio Lower Upper
168 100
99 49.9 56.6 85.0#



#3
Chloromethane
Concen: 0.274 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX041791.D
Acq: 07 Jun 2024 15:56

Tgt Ion: 50 Resp: 348
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

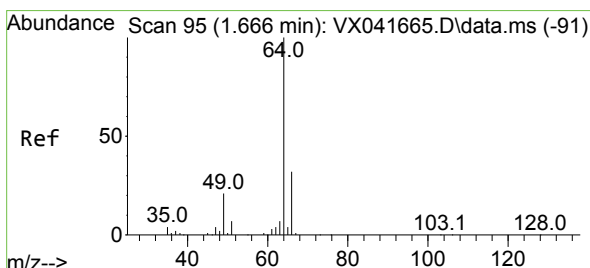
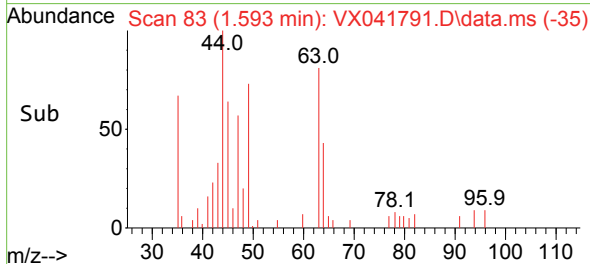
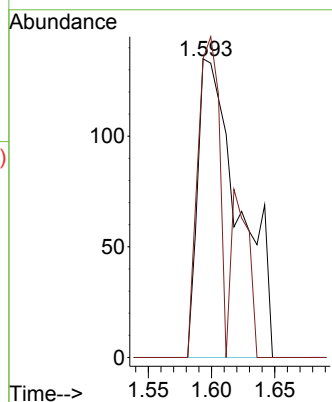
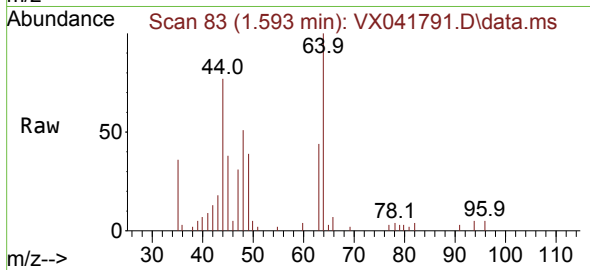




#5
Bromomethane
Concen: 0.339 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX041791.D
Acq: 07 Jun 2024 15:56

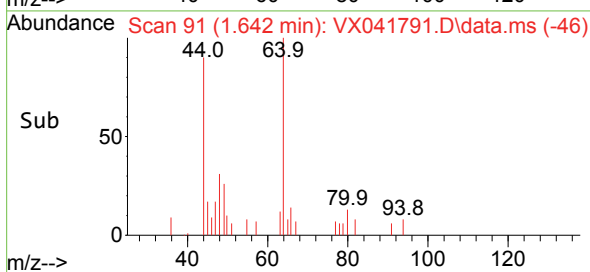
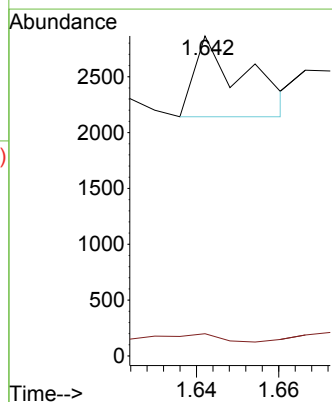
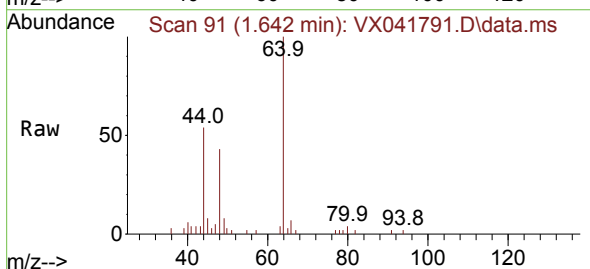
Instrument :
MSVOA_X
ClientSampleId :

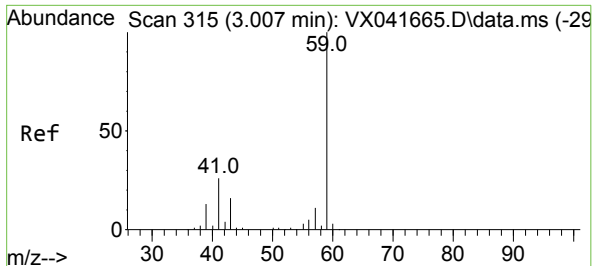
Tgt Ion: 94 Resp: 309
Ion Ratio Lower Upper
94 100
96 100.0 74.6 111.8



#6
Chloroethane
Concen: 0.780 ug/l
RT: 1.642 min Scan# 91
Delta R.T. -0.024 min
Lab File: VX041791.D
Acq: 07 Jun 2024 15:56

Tgt Ion: 64 Resp: 617
Ion Ratio Lower Upper
64 100
66 7.2 25.1 37.7#





#11

Tert butyl alcohol

Concen: 7.811 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.061 min

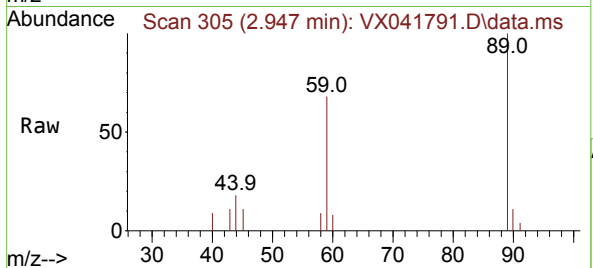
Lab File: VX041791.D

Acq: 07 Jun 2024 15:56

Instrument :

MSVOA_X

ClientSampleId :

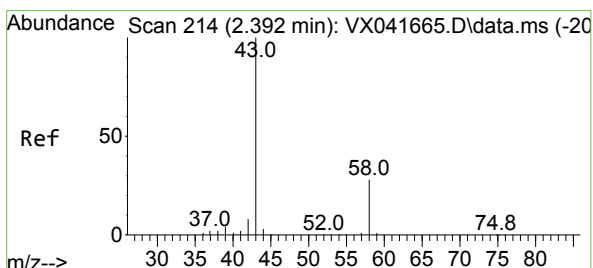
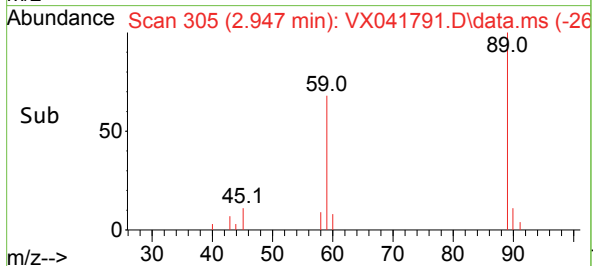
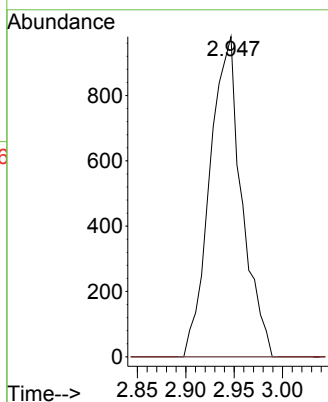


Tgt Ion: 59 Resp: 2248

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 1.596 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX041791.D

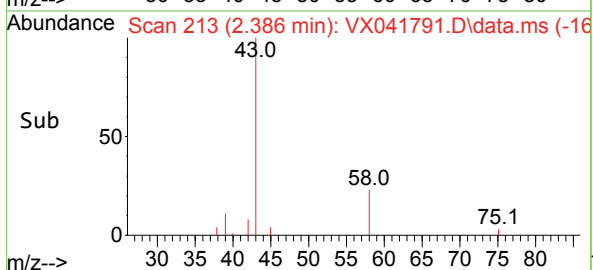
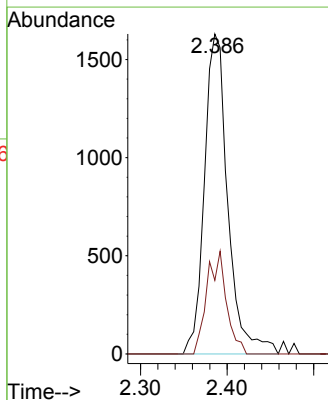
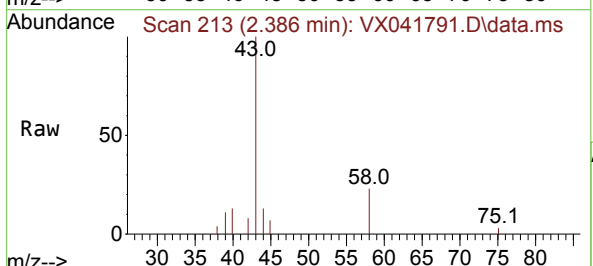
Acq: 07 Jun 2024 15:56

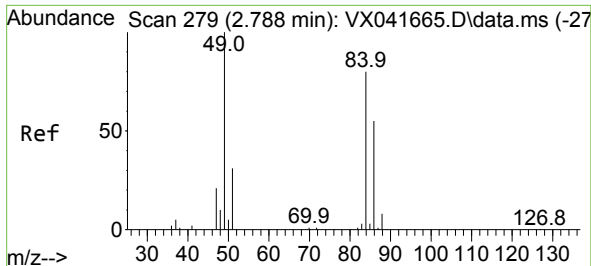
Tgt Ion: 43 Resp: 3061

Ion Ratio Lower Upper

43 100

58 23.0 21.9 32.9





#20

Methylene Chloride

Concen: 0.626 ug/l

RT: 2.782 min Scan# 21

Delta R.T. -0.006 min

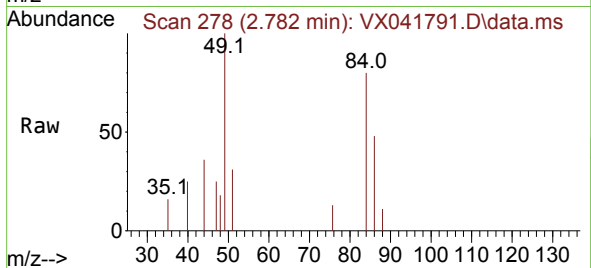
Lab File: VX041791.D

Acq: 07 Jun 2024 15:56

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 911

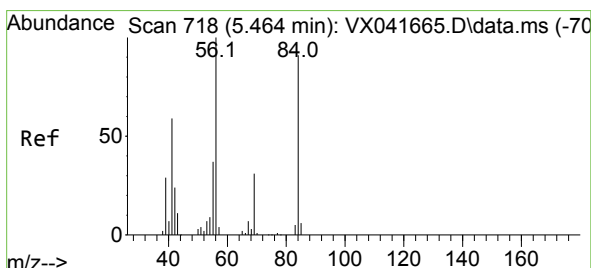
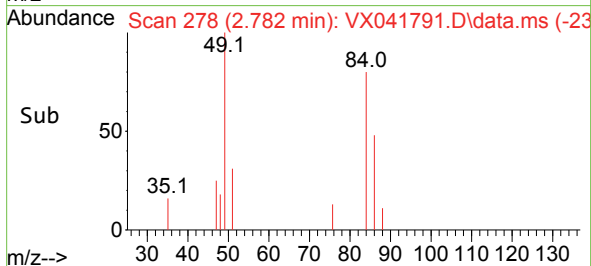
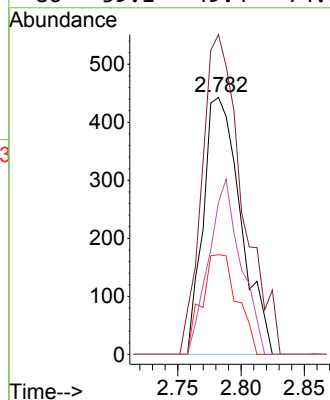
Ion Ratio Lower Upper

84 100

49 124.4 103.6 155.4

51 38.8 33.8 50.6

86 59.1 49.4 74.0



#31

Cyclohexane

Concen: 1.200 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.079 min

Lab File: VX041791.D

Acq: 07 Jun 2024 15:56

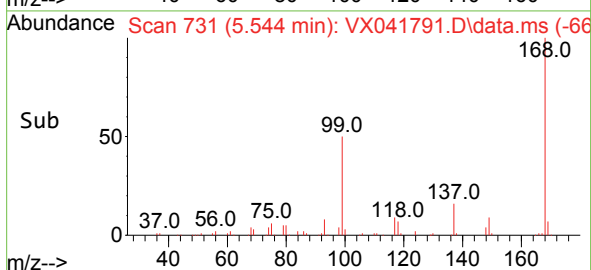
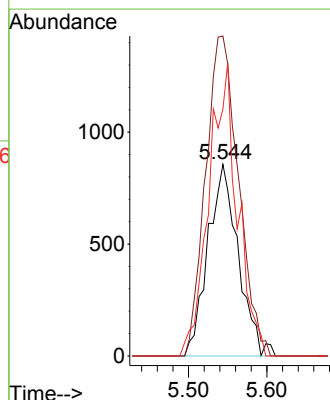
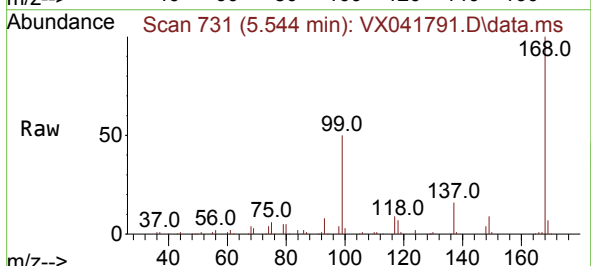
Tgt Ion: 56 Resp: 2305

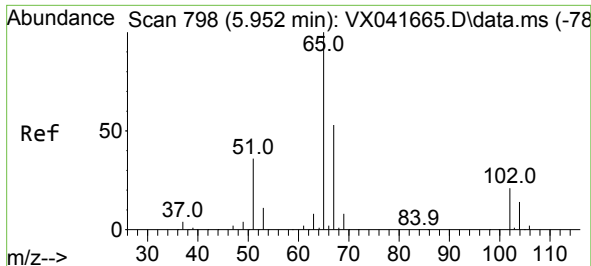
Ion Ratio Lower Upper

56 100

69 167.1 23.4 35.2#

84 129.0 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 49.583 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX041791.D

Acq: 07 Jun 2024 15:56

Instrument :

MSVOA_X

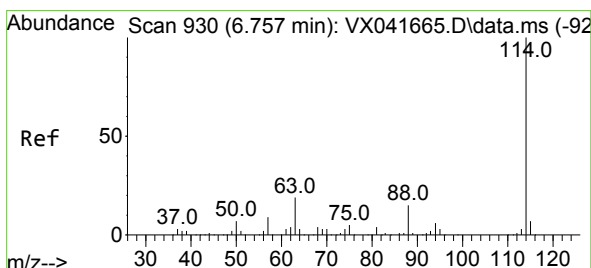
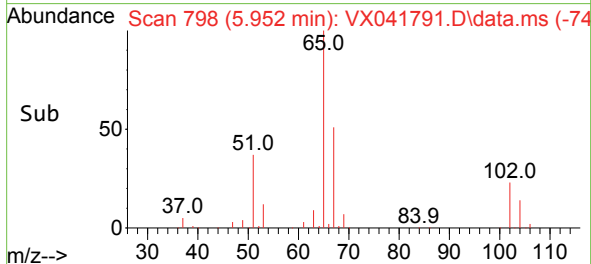
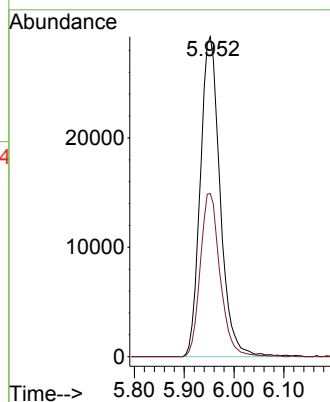
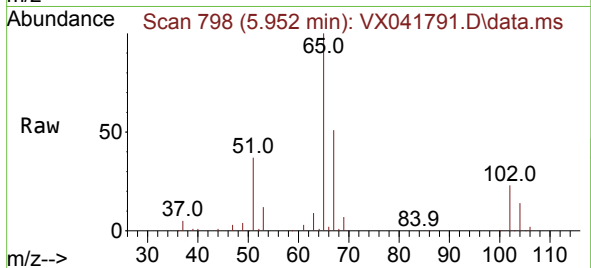
ClientSampleId :

Tgt Ion: 65 Resp: 80672

Ion Ratio Lower Upper

65 100

67 51.0 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: VX041791.D

Acq: 07 Jun 2024 15:56

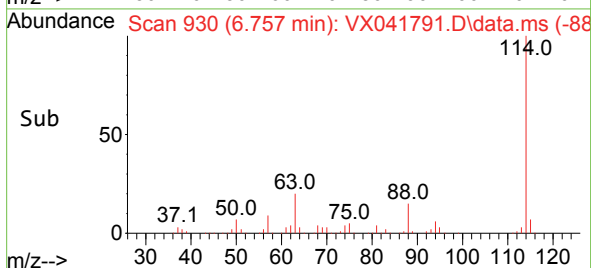
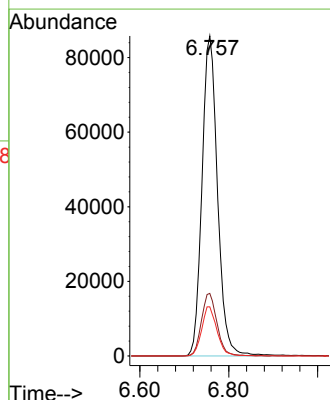
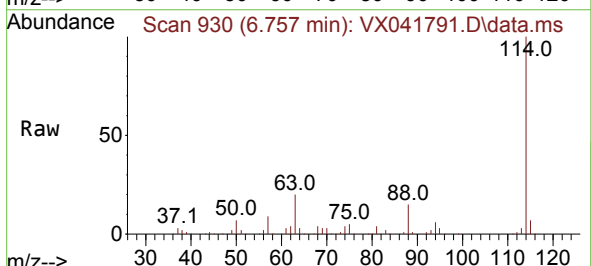
Tgt Ion: 114 Resp: 209110

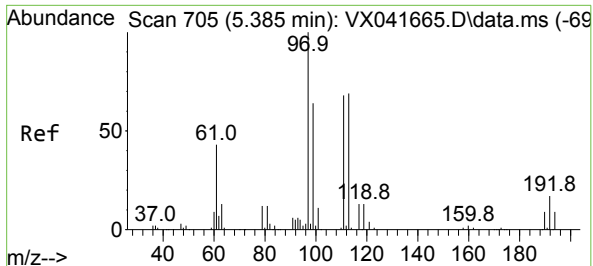
Ion Ratio Lower Upper

114 100

63 19.5 0.0 45.0

88 15.3 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.808 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX041791.D

Acq: 07 Jun 2024 15:56

Instrument :

MSVOA_X

ClientSampleId :

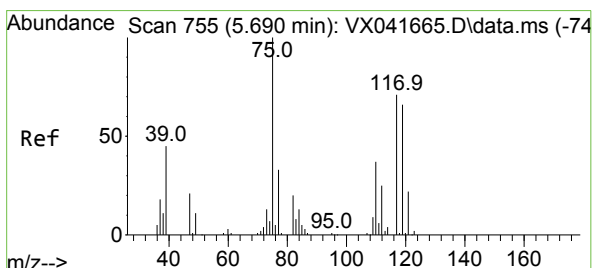
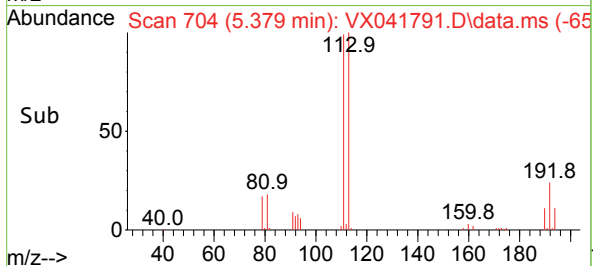
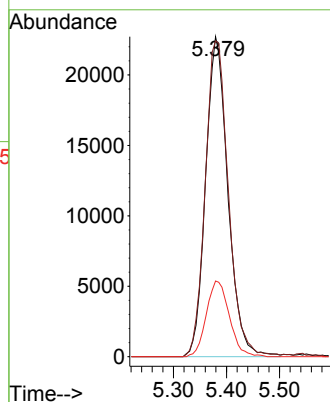
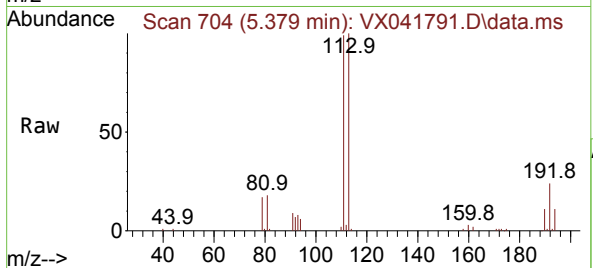
Tgt Ion:113 Resp: 66228

Ion Ratio Lower Upper

113 100

111 102.8 82.9 124.3

192 24.4 13.3 19.9#



#36

1,1-Dichloropropene

Concen: 4.903 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX041791.D

Acq: 07 Jun 2024 15:56

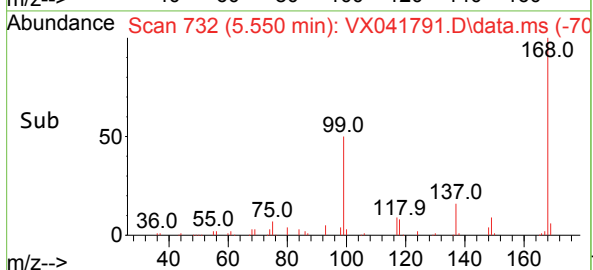
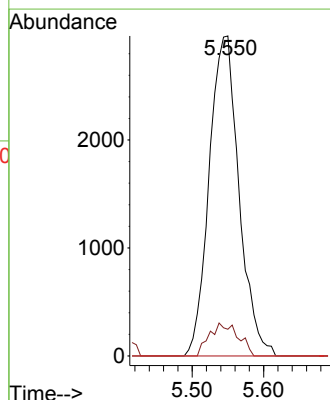
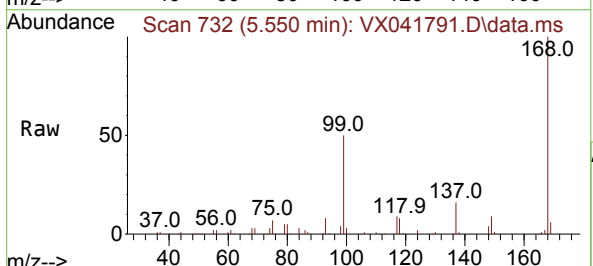
Tgt Ion: 75 Resp: 8583

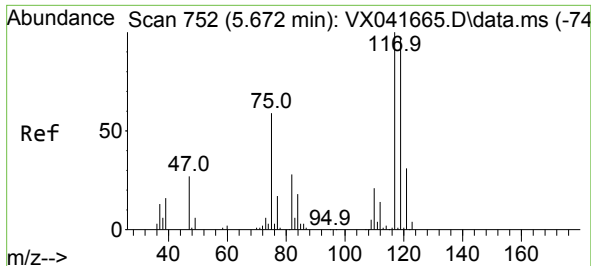
Ion Ratio Lower Upper

75 100

110 9.9 17.0 50.9#

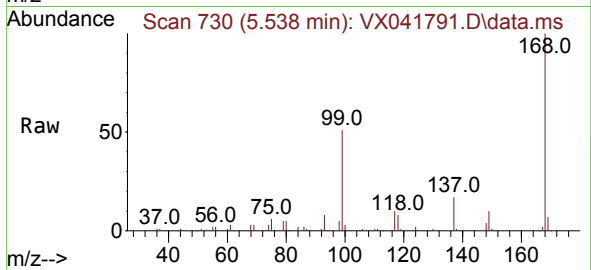
77 0.0 24.7 37.1#



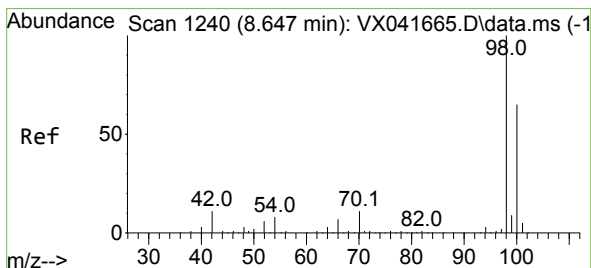
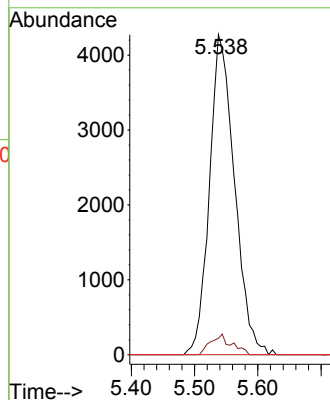
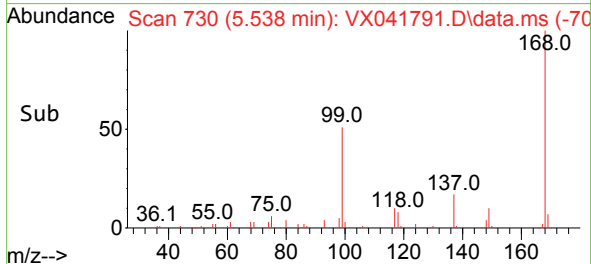


#38
Carbon Tetrachloride
Concen: 5.916 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX041791.D
Acq: 07 Jun 2024 15:56

Instrument :
MSVOA_X
ClientSampleId :

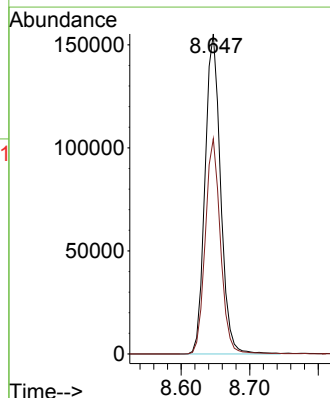
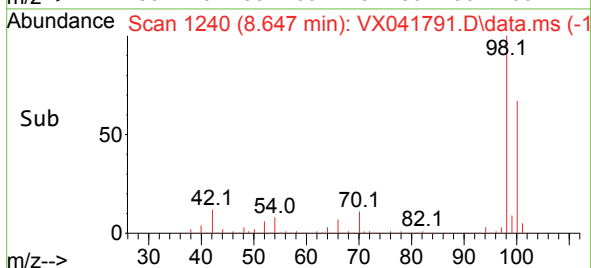
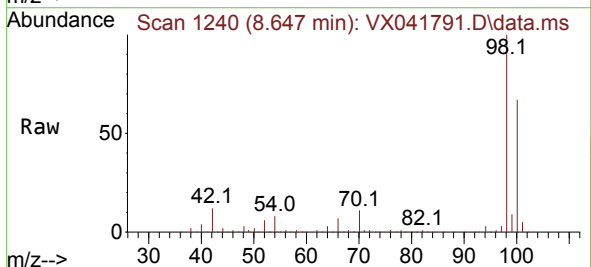


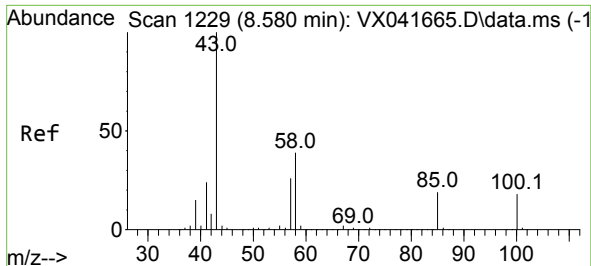
Tgt Ion:117 Resp: 11766
Ion Ratio Lower Upper
117 100
119 5.1 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.504 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041791.D
Acq: 07 Jun 2024 15:56

Tgt Ion: 98 Resp: 245028
Ion Ratio Lower Upper
98 100
100 65.8 53.1 79.7

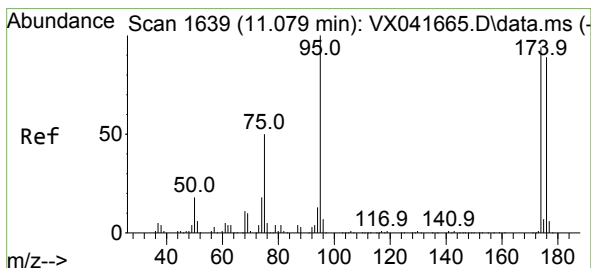
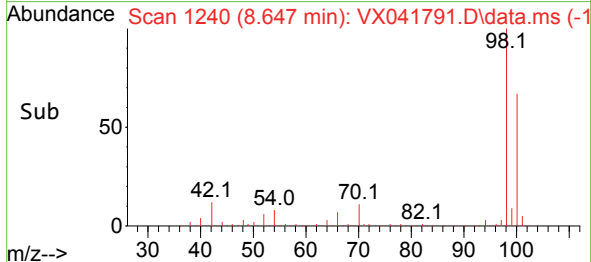
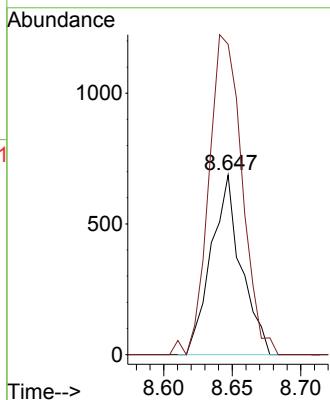
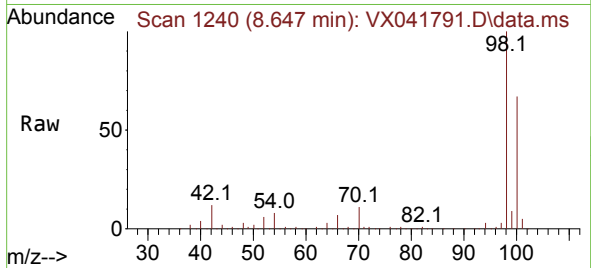




#51
4-Methyl-2-Pentanone
Concen: 0.484 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX041791.D
Acq: 07 Jun 2024 15:56

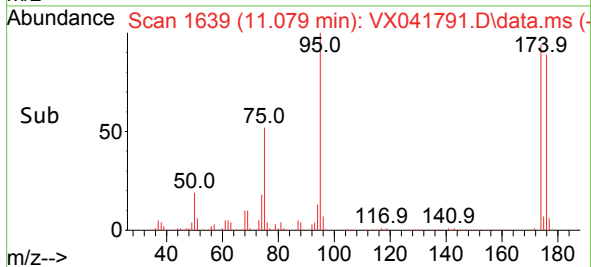
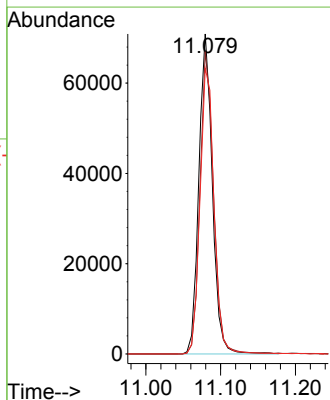
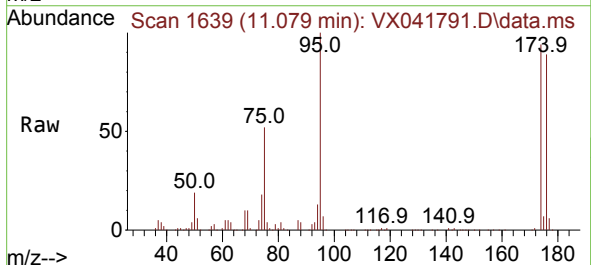
Instrument :
MSVOA_X
ClientSampleId :

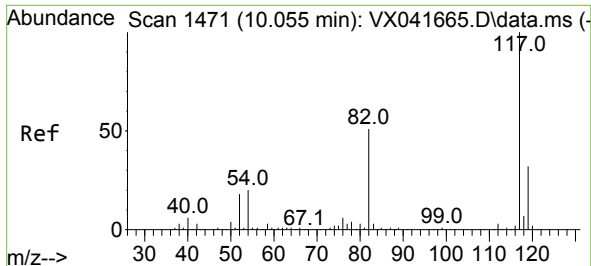
Tgt Ion: 43 Resp: 1047
Ion Ratio Lower Upper
43 100
58 197.4 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 47.703 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041791.D
Acq: 07 Jun 2024 15:56

Tgt Ion: 95 Resp: 88942
Ion Ratio Lower Upper
95 100
174 95.2 0.0 135.6
176 92.8 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VX041791.D

Acq: 07 Jun 2024 15:56

Instrument :

MSVOA_X

ClientSampleId :

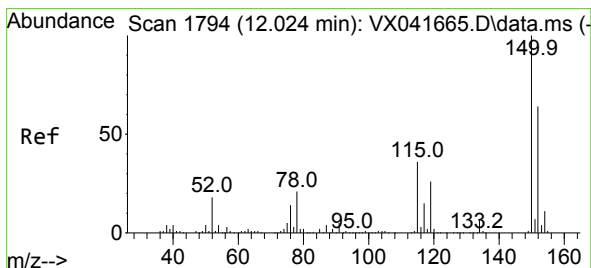
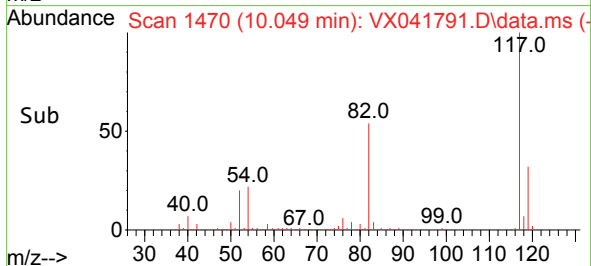
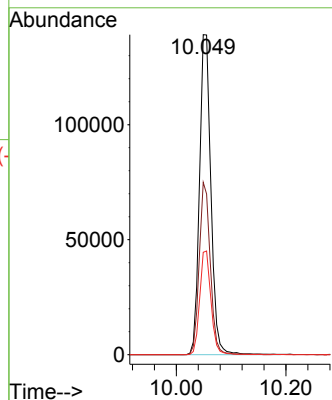
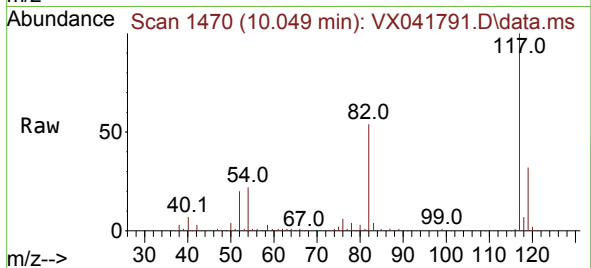
Tgt Ion:117 Resp: 201691

Ion Ratio Lower Upper

117 100

82 53.8 46.2 69.4

119 32.0 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX041791.D

Acq: 07 Jun 2024 15:56

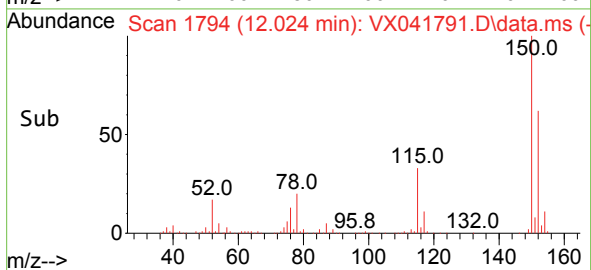
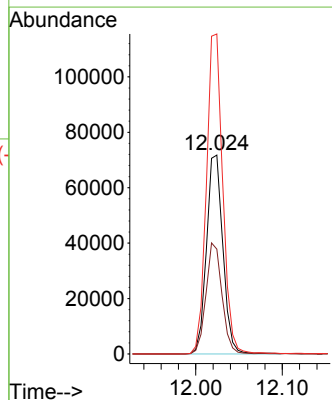
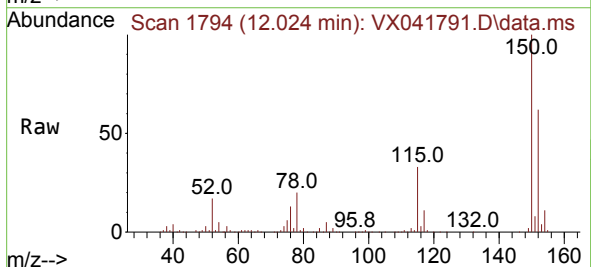
Tgt Ion:152 Resp: 94391

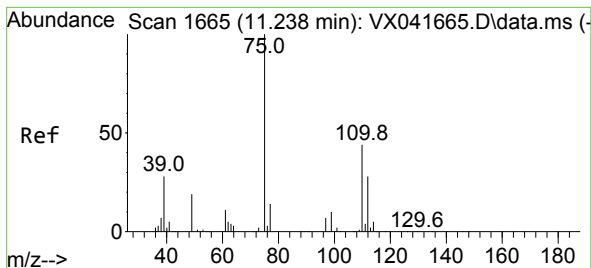
Ion Ratio Lower Upper

152 100

115 54.8 43.3 129.9

150 160.3 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 27.487 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX041791.D

Acq: 07 Jun 2024 15:56

Instrument :

MSVOA_X

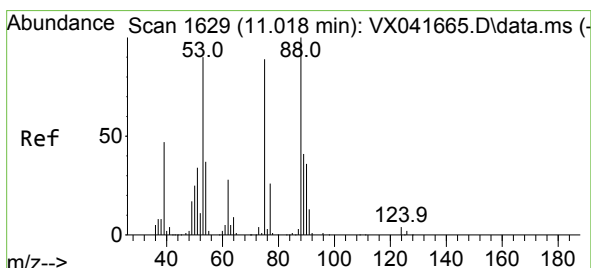
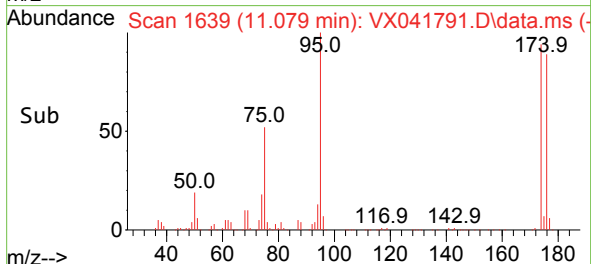
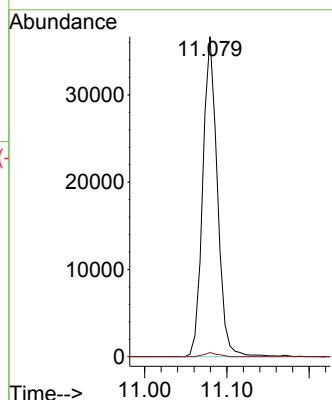
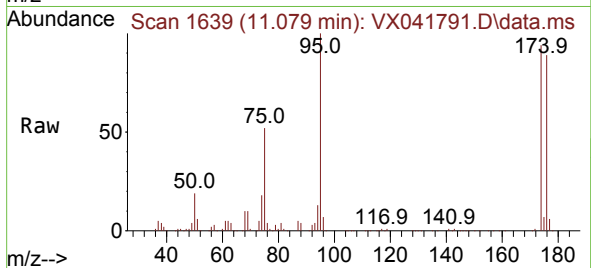
ClientSampleId :

Tgt Ion: 75 Resp: 45269

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 74.916 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041791.D

Acq: 07 Jun 2024 15:56

Tgt Ion: 75 Resp: 45269

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

