

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061024\
 Data File : VX041806.D
 Acq On : 10 Jun 2024 13:35
 Operator : JC/MD
 Sample : P2796-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 11 03:47:58 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	184164	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	283331	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	280226	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	135360	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	96897	42.899	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	85.800%
35) Dibromofluoromethane	5.385	113	87424	44.628	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.260%
50) Toluene-d8	8.647	98	339478	49.597	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.200%
62) 4-Bromofluorobenzene	11.079	95	124259	49.187	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.380%

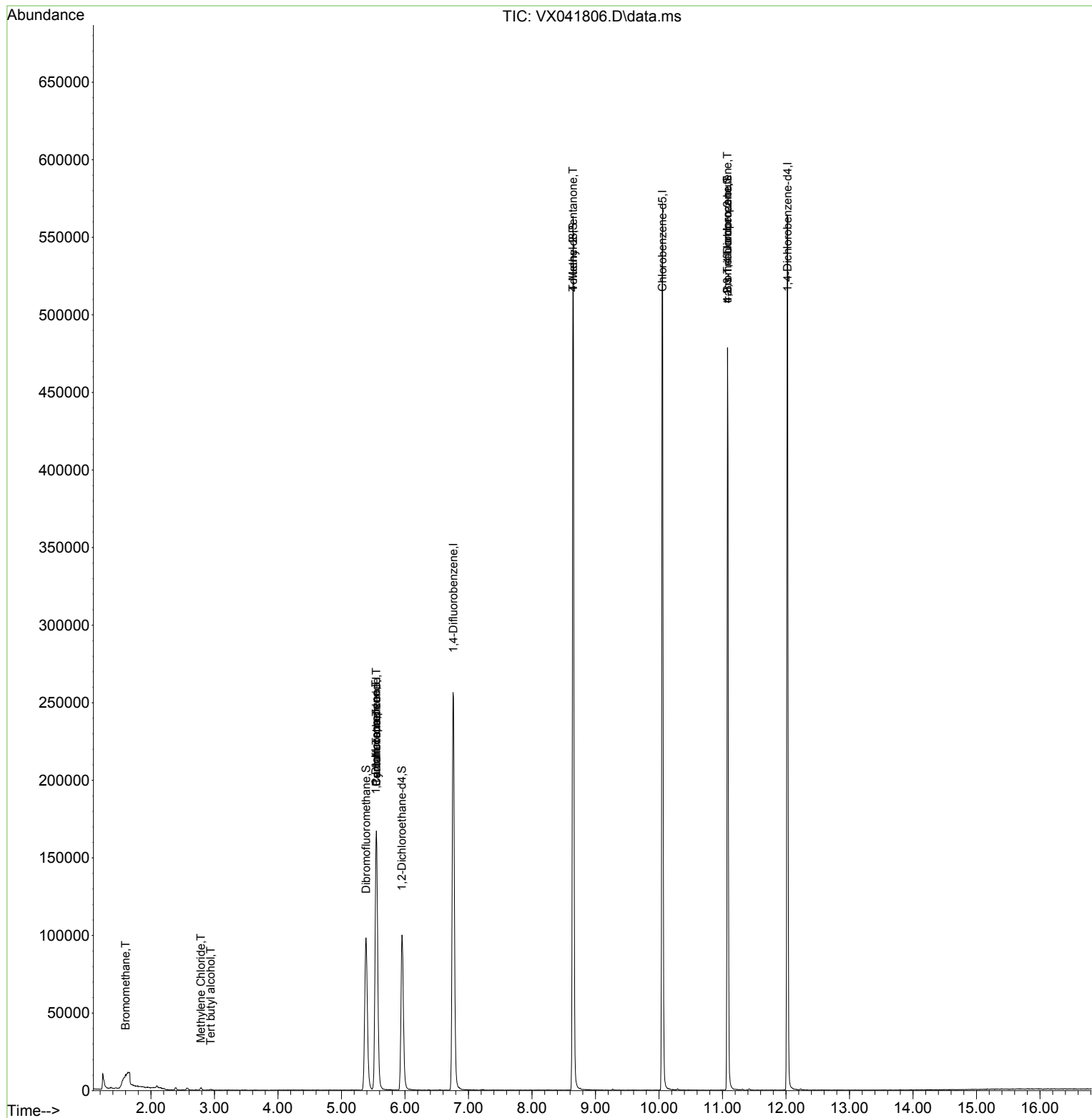
Target Compounds					Qvalue	
5) Bromomethane	1.599	94	366	0.289	ug/l	96
11) Tert butyl alcohol	2.941	59	352	0.881	ug/l	# 78
16) Acetone	2.392	43	1797	Below Cal	#	86
20) Methylene Chloride	2.788	84	790	0.391	ug/l	# 82
31) Cyclohexane	5.550	56	2622	0.983	ug/l	# 1
36) 1,1-Dichloropropene	5.544	75	10908	4.599	ug/l	# 50
38) Carbon Tetrachloride	5.550	117	15373	5.705	ug/l	# 16
51) 4-Methyl-2-Pentanone	8.647	43	1375	0.469	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	58579	24.803	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	58579	67.601	ug/l	# 5

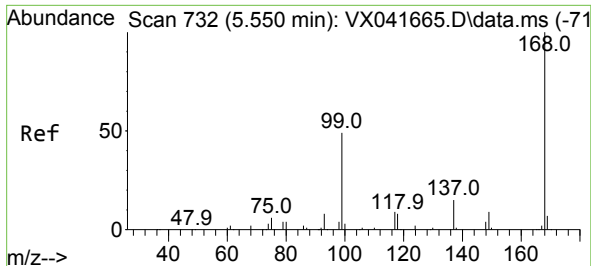
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
Quant Title : SW846 8260
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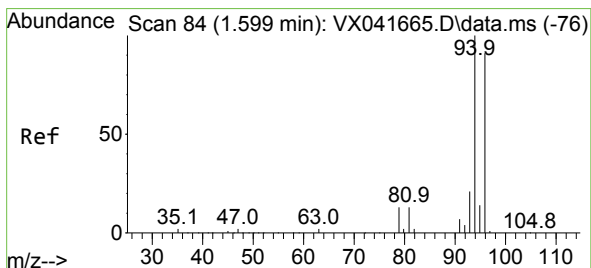
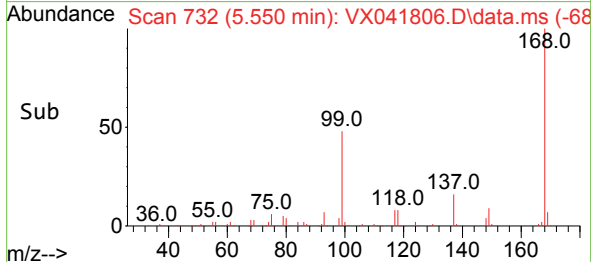
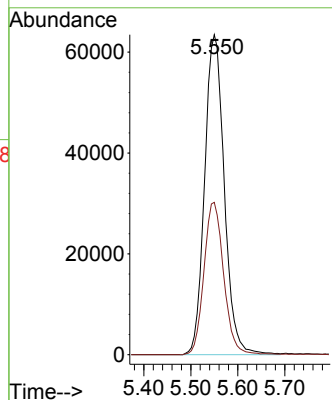
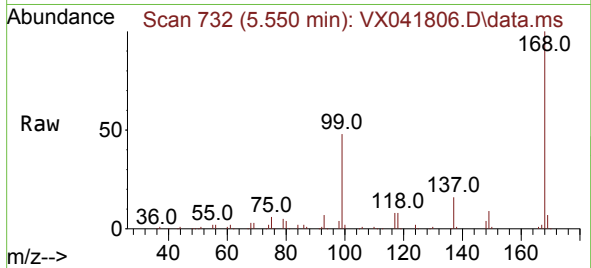




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041806.D
Acq: 10 Jun 2024 13:35

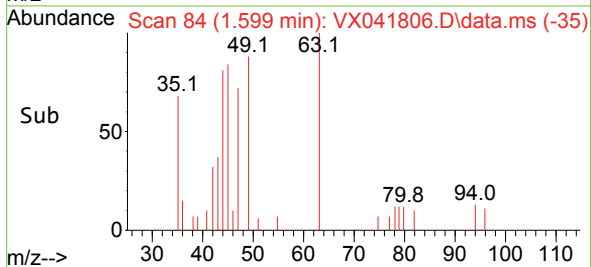
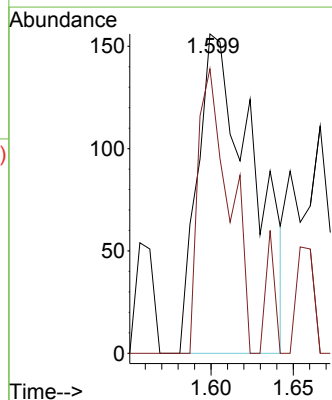
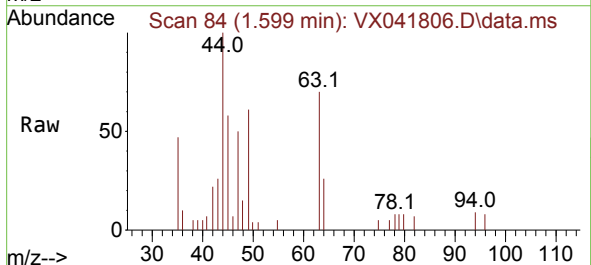
Instrument :
MSVOA_X
ClientSampleId :

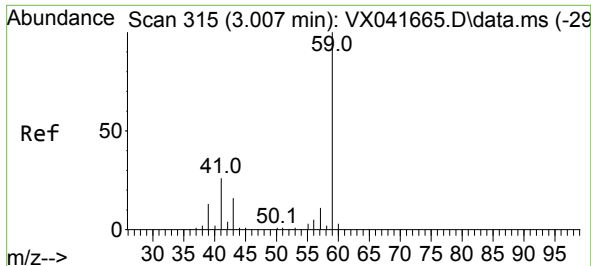
Tgt Ion:168 Resp: 184164
Ion Ratio Lower Upper
168 100
99 47.6 56.6 85.0#



#5
Bromomethane
Concen: 0.289 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041806.D
Acq: 10 Jun 2024 13:35

Tgt Ion: 94 Resp: 366
Ion Ratio Lower Upper
94 100
96 89.1 74.6 111.8





#11

Tert butyl alcohol

Concen: 0.881 ug/l

RT: 2.941 min Scan# 304

Delta R.T. -0.067 min

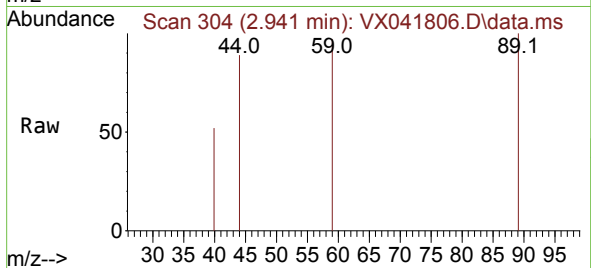
Lab File: VX041806.D

Acq: 10 Jun 2024 13:35

Instrument :

MSVOA_X

ClientSampleId :

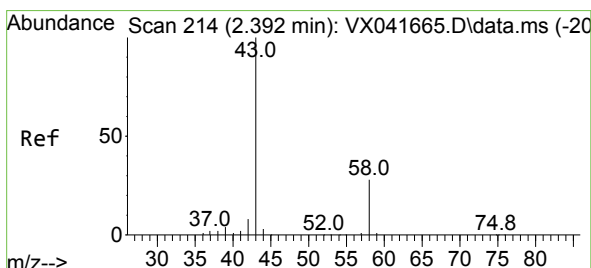
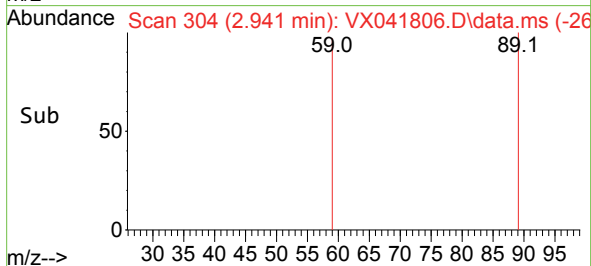
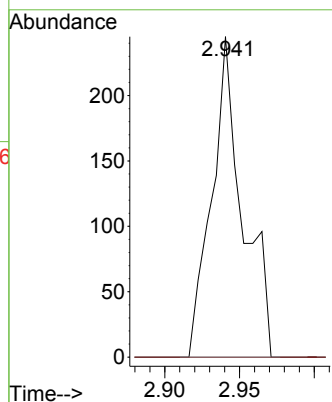


Tgt Ion: 59 Resp: 352

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: Below Cal

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX041806.D

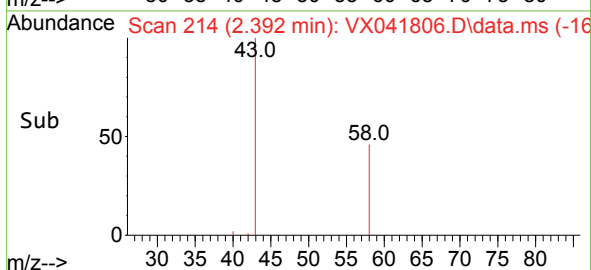
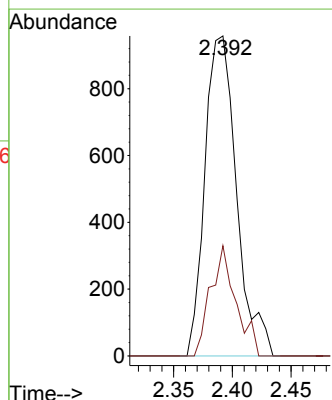
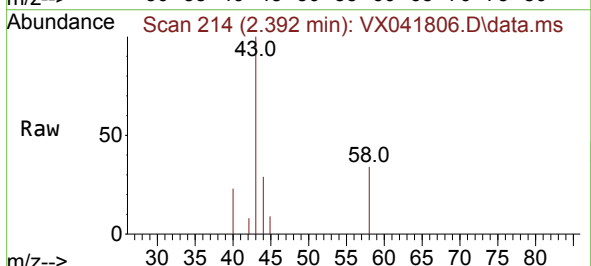
Acq: 10 Jun 2024 13:35

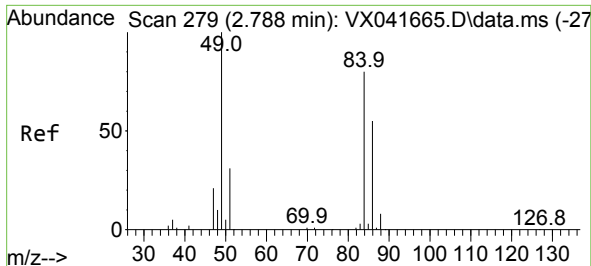
Tgt Ion: 43 Resp: 1797

Ion Ratio Lower Upper

43 100

58 34.4 21.9 32.9#





#20

Methylene Chloride

Concen: 0.391 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

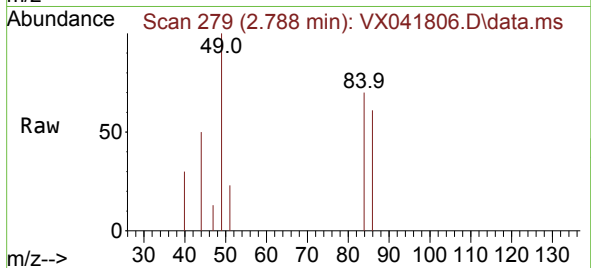
Lab File: VX041806.D

Acq: 10 Jun 2024 13:35

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 790

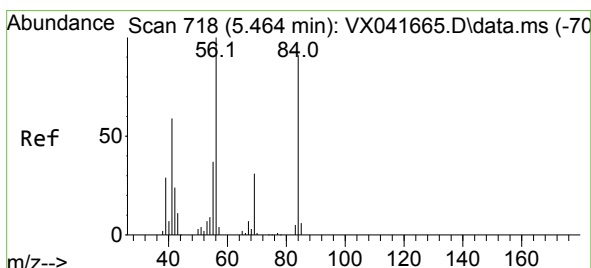
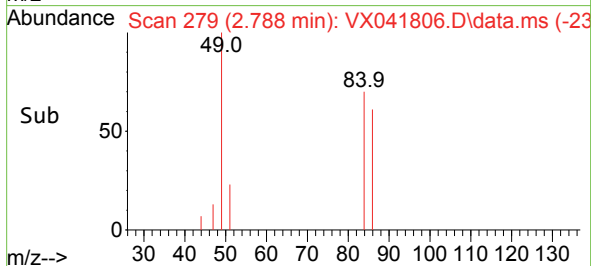
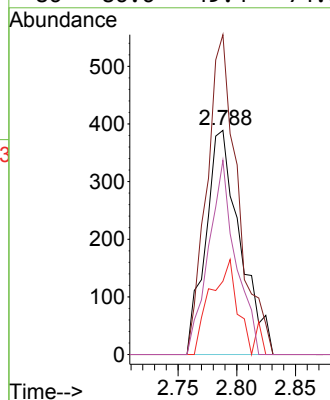
Ion Ratio Lower Upper

84 100

49 142.7 103.6 155.4

51 32.6 33.8 50.6#

86 86.6 49.4 74.0#



#31

Cyclohexane

Concen: 0.983 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.086 min

Lab File: VX041806.D

Acq: 10 Jun 2024 13:35

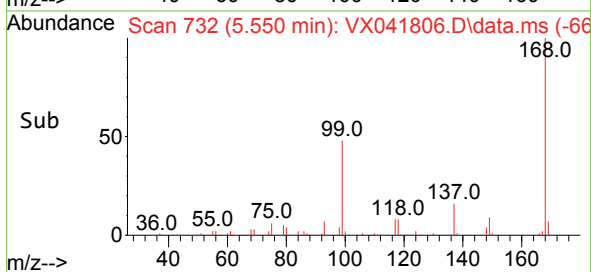
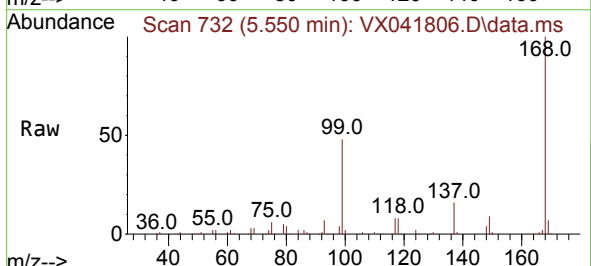
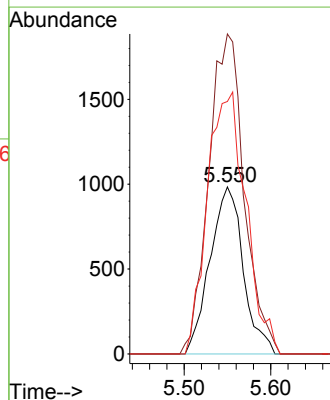
Tgt Ion: 56 Resp: 2622

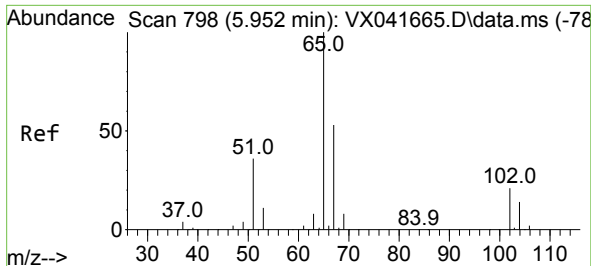
Ion Ratio Lower Upper

56 100

69 191.7 23.4 35.2#

84 151.2 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 42.899 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX041806.D

Acq: 10 Jun 2024 13:35

Instrument :

MSVOA_X

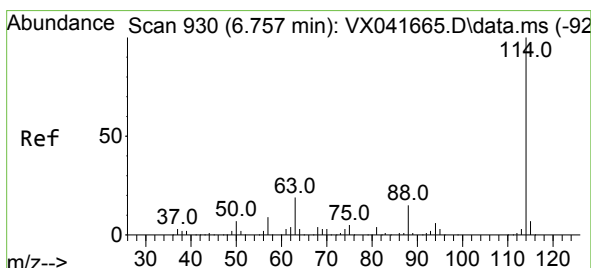
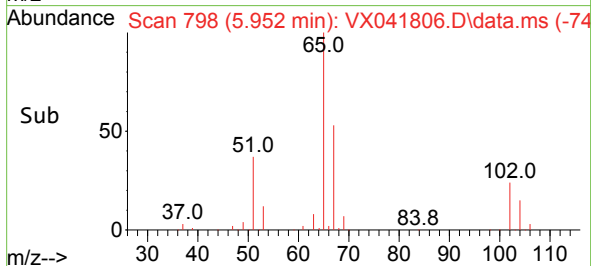
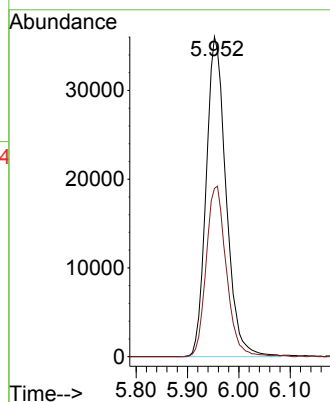
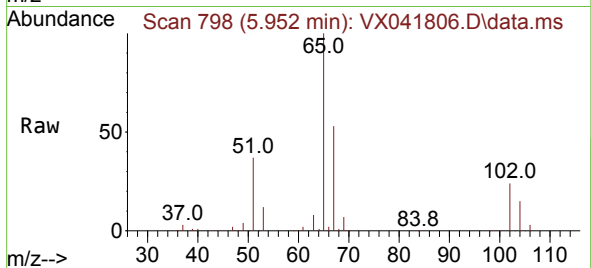
ClientSampleId :

Tgt Ion: 65 Resp: 96897

Ion Ratio Lower Upper

65 100

67 53.8 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: VX041806.D

Acq: 10 Jun 2024 13:35

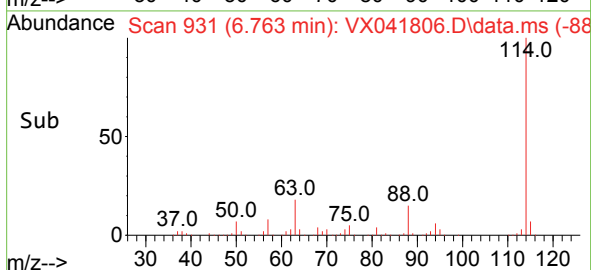
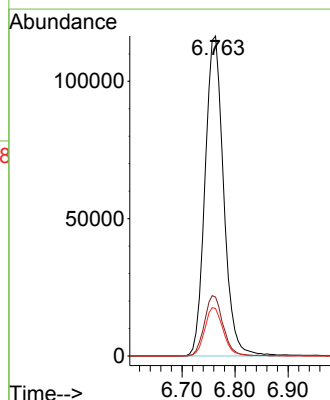
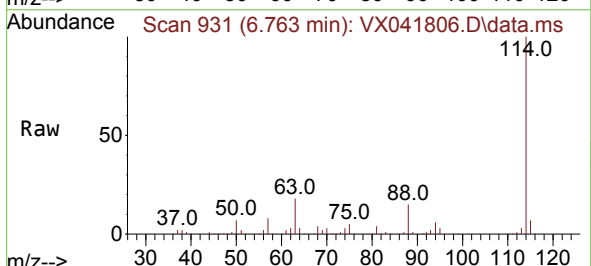
Tgt Ion: 114 Resp: 283331

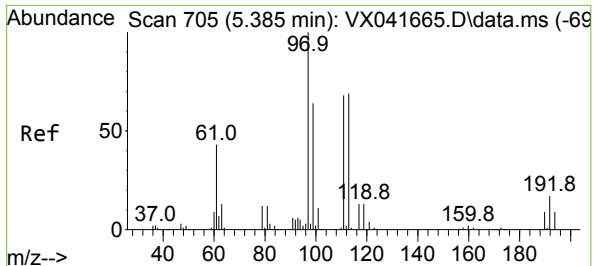
Ion Ratio Lower Upper

114 100

63 18.4 0.0 45.0

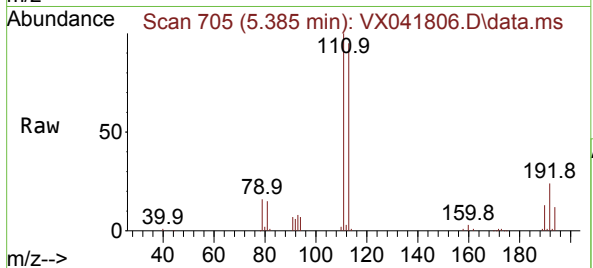
88 14.8 0.0 36.6



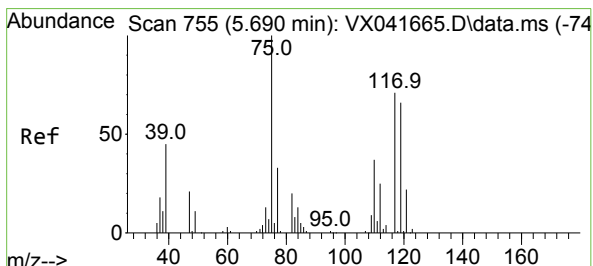
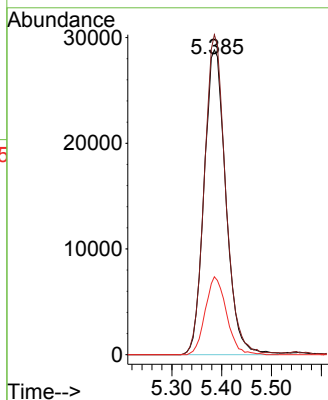
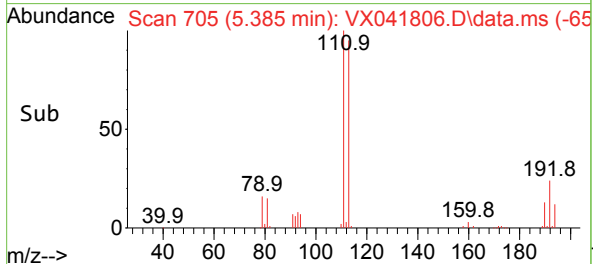


#35
Dibromofluoromethane
Concen: 44.628 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041806.D
Acq: 10 Jun 2024 13:35

Instrument :
MSVOA_X
ClientSampleId :

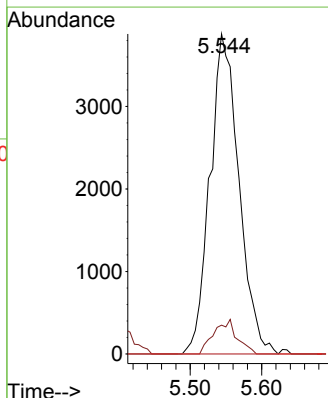
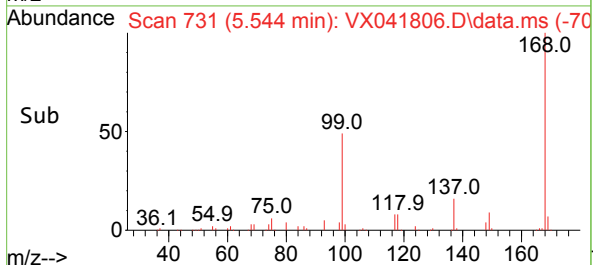
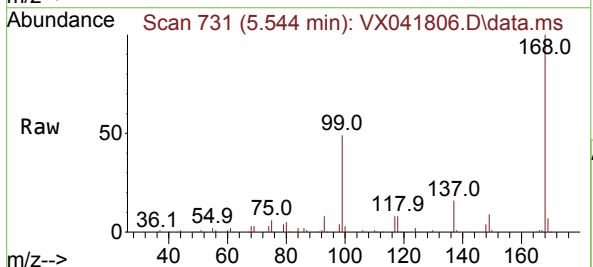


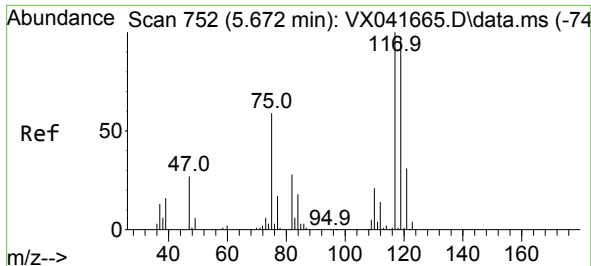
Tgt Ion:113 Resp: 87424
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 24.9 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 4.599 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX041806.D
Acq: 10 Jun 2024 13:35

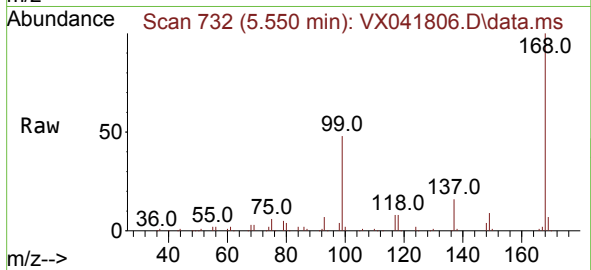
Tgt Ion: 75 Resp: 10908
Ion Ratio Lower Upper
75 100
110 8.6 17.0 50.9#
77 0.0 24.7 37.1#



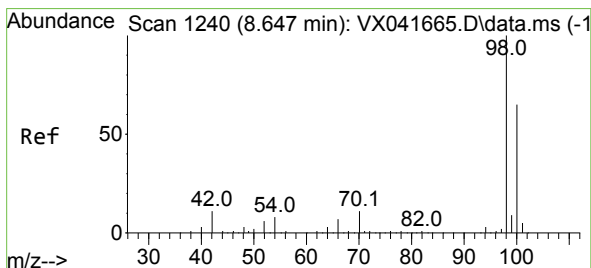
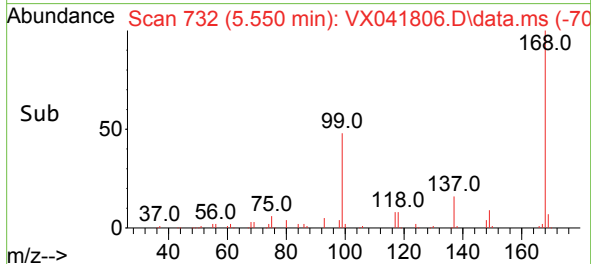
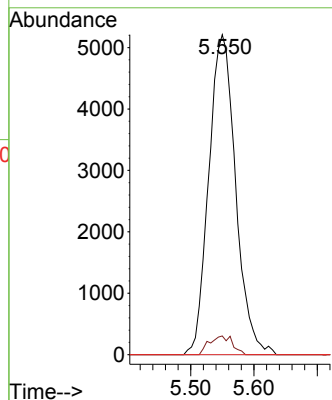


#38
Carbon Tetrachloride
Concen: 5.705 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX041806.D
Acq: 10 Jun 2024 13:35

Instrument :
MSVOA_X
ClientSampleId :

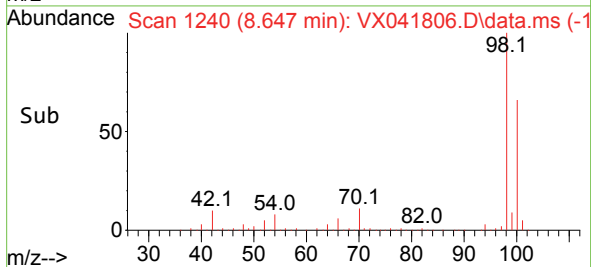
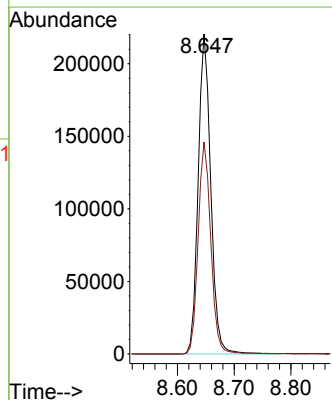
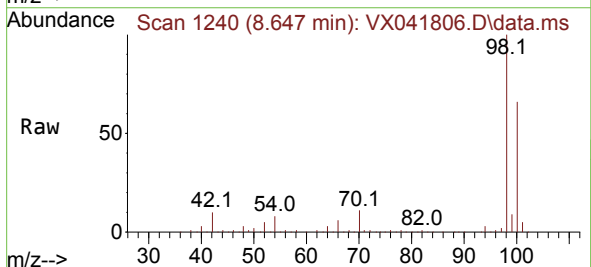


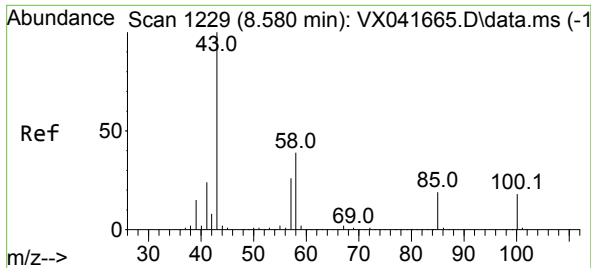
Tgt Ion:117 Resp: 15373
Ion Ratio Lower Upper
117 100
119 5.9 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.597 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041806.D
Acq: 10 Jun 2024 13:35

Tgt Ion: 98 Resp: 339478
Ion Ratio Lower Upper
98 100
100 66.7 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.469 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.067 min

Lab File: VX041806.D

Acq: 10 Jun 2024 13:35

Instrument :

MSVOA_X

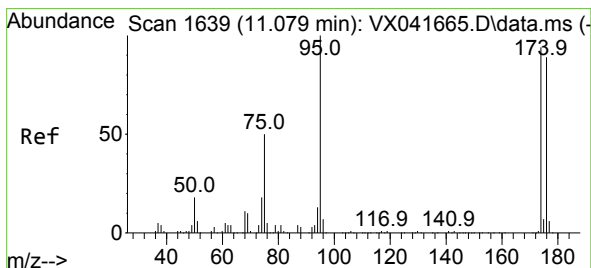
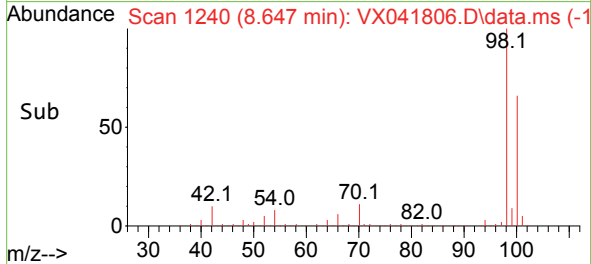
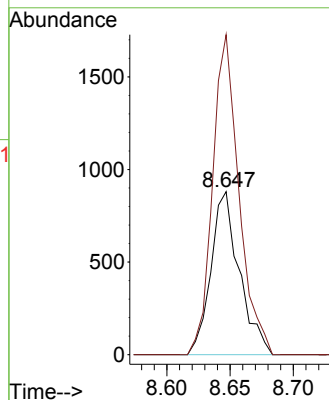
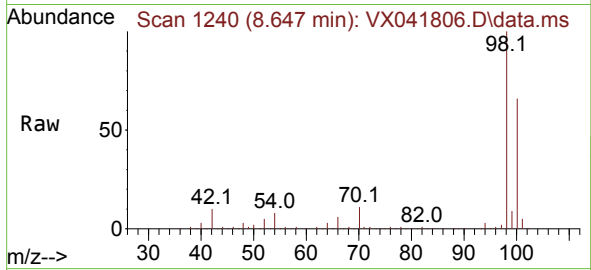
ClientSampleId :

Tgt Ion: 43 Resp: 1375

Ion Ratio Lower Upper

43 100

58 182.0 30.4 45.6#



#62

4-Bromofluorobenzene

Concen: 49.187 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX041806.D

Acq: 10 Jun 2024 13:35

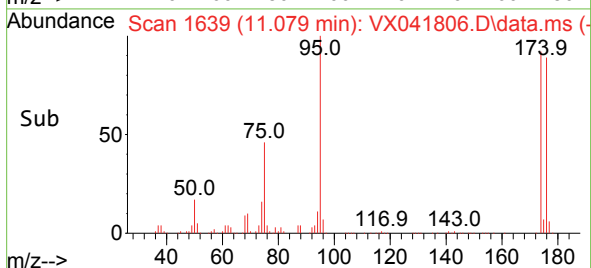
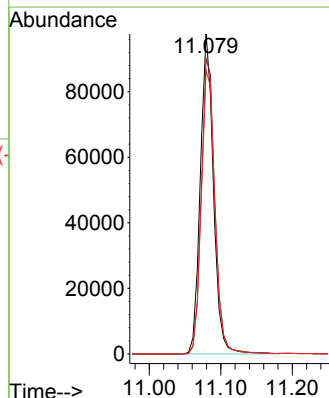
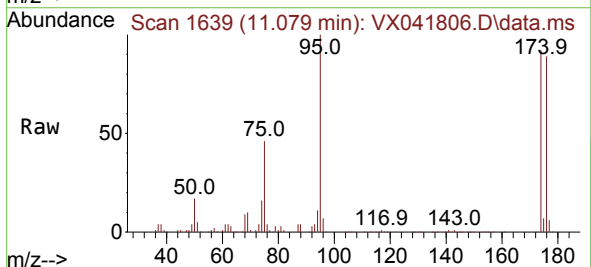
Tgt Ion: 95 Resp: 124259

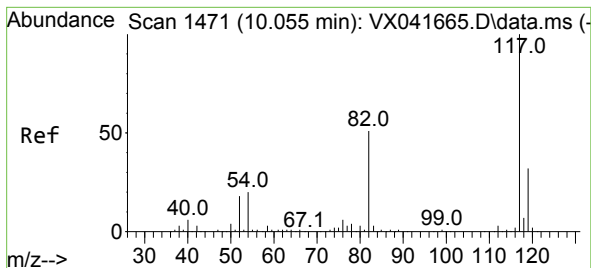
Ion Ratio Lower Upper

95 100

174 95.9 0.0 135.6

176 92.6 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: VX041806.D

Acq: 10 Jun 2024 13:35

Instrument :

MSVOA_X

ClientSampleId :

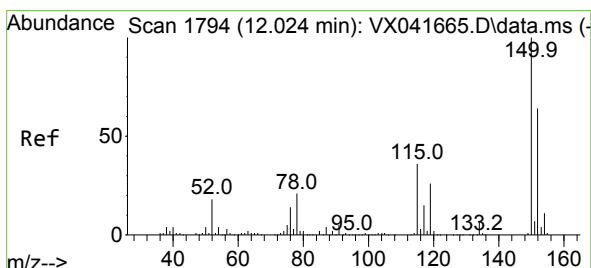
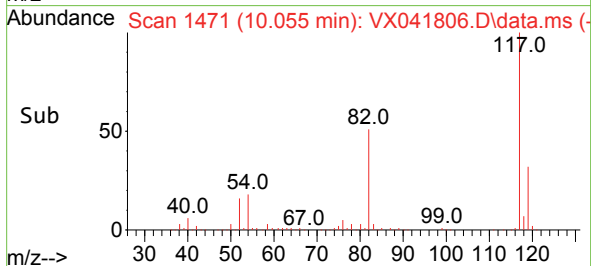
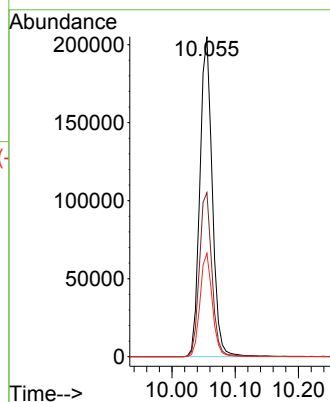
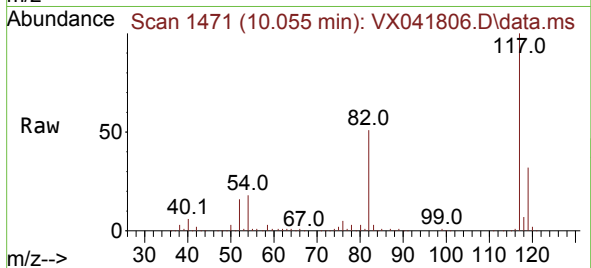
Tgt Ion:117 Resp: 280226

Ion Ratio Lower Upper

117 100

82 51.3 46.2 69.4

119 32.3 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: VX041806.D

Acq: 10 Jun 2024 13:35

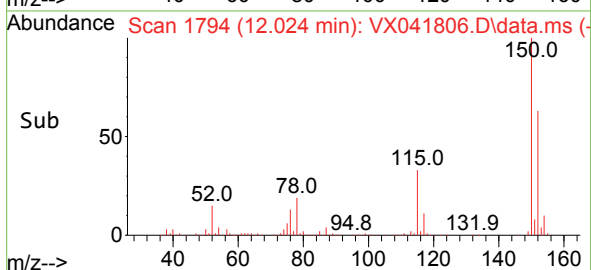
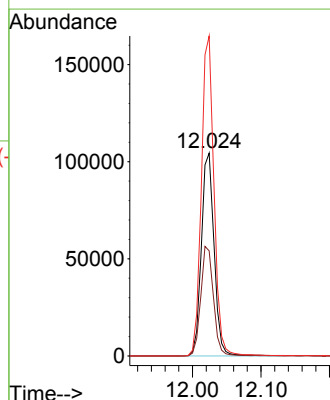
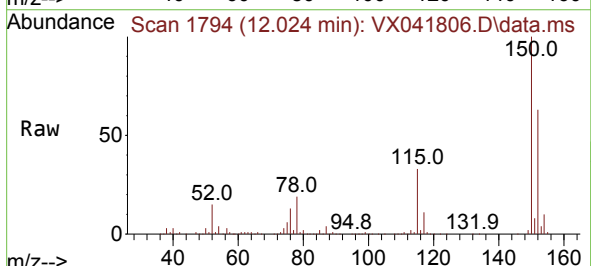
Tgt Ion:152 Resp: 135360

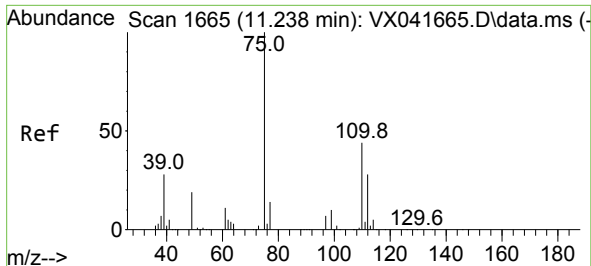
Ion Ratio Lower Upper

152 100

115 54.1 43.3 129.9

150 156.6 0.0 345.0

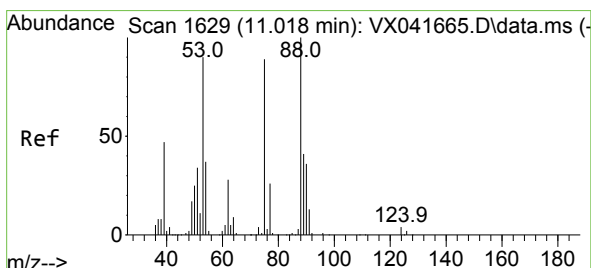
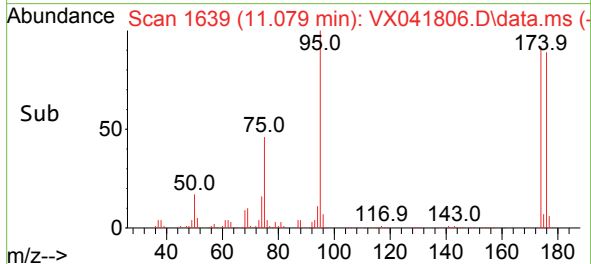
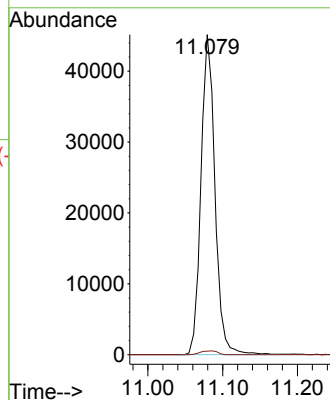
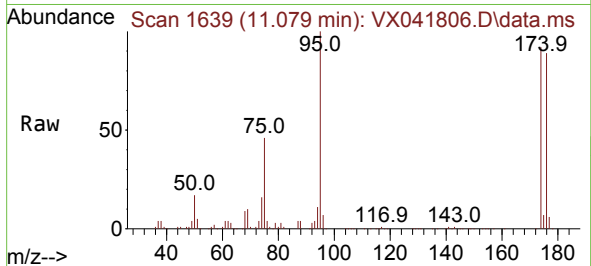




#76
1,2,3-Trichloropropane
Concen: 24.803 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX041806.D
Acq: 10 Jun 2024 13:35

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 58579
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.601 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX041806.D
Acq: 10 Jun 2024 13:35

Tgt Ion: 75 Resp: 58579
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

