

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070224\
 Data File : VX042140.D
 Acq On : 02 Jul 2024 15:21
 Operator : JC/MD
 Sample : P3123-03RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 03 03:34:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

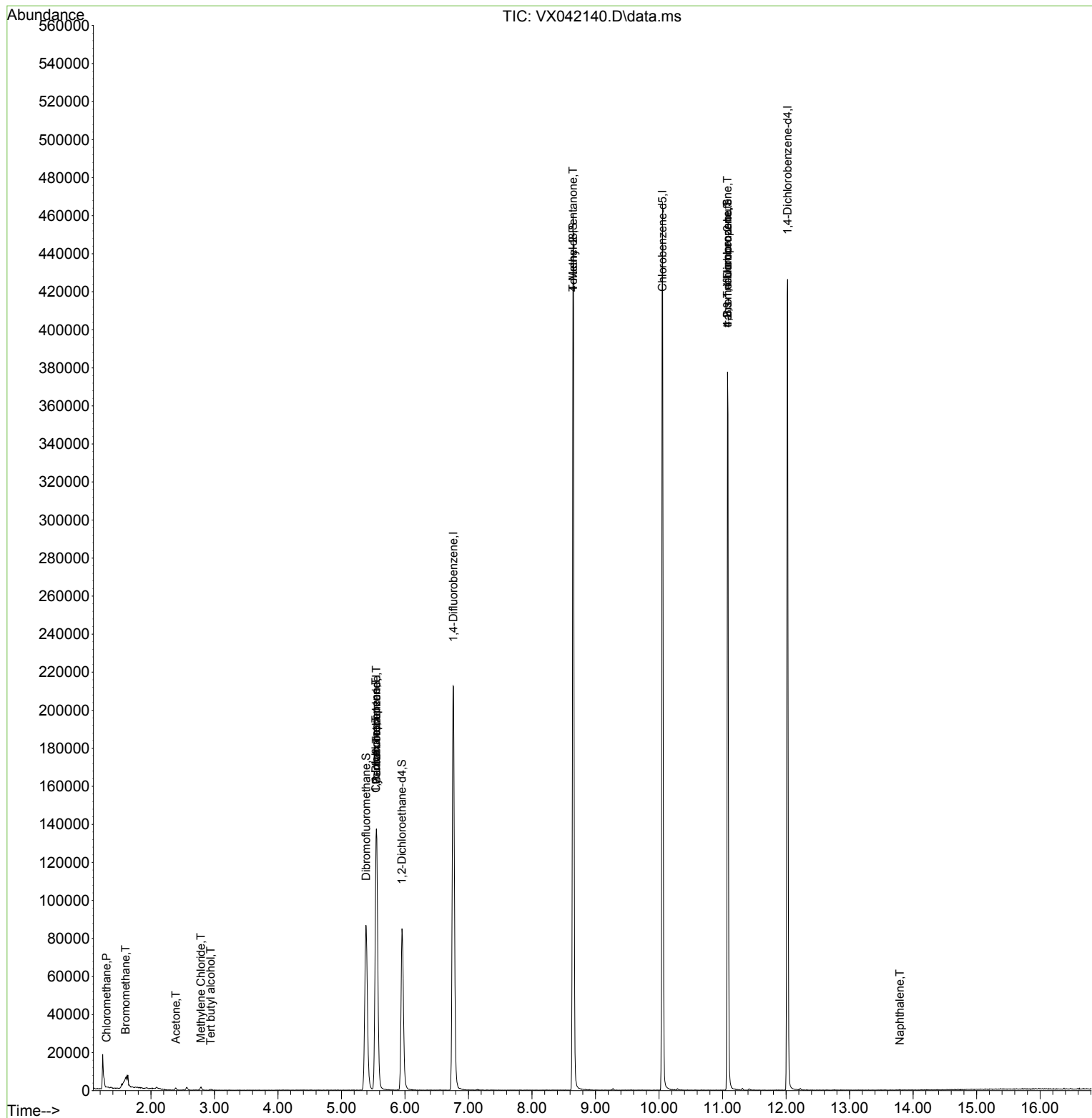
Internal Standards						
1) Pentafluorobenzene	5.550	168	155528	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	244654	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	233993	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106623	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	79811	44.502	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.000%
35) Dibromofluoromethane	5.385	113	77317	44.539	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.080%
50) Toluene-d8	8.647	98	279296	45.798	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.600%#
62) 4-Bromofluorobenzene	11.079	95	99781	44.386	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.780%
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	544	0.366	ug/l	# 82
5) Bromomethane	1.599	94	260	0.353	ug/l	92
6) Chloroethane	1.648	64	132	Below Cal	#	43
11) Tert butyl alcohol	2.940	59	170	0.499	ug/l	# 78
16) Acetone	2.392	43	1213	1.540	ug/l	95
20) Methylene Chloride	2.788	84	944	0.547	ug/l	# 77
31) Cyclohexane	5.544	56	1964	0.936	ug/l	# 1
36) 1,1-Dichloropropene	5.544	75	8756	4.750	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	13075	6.420	ug/l	# 17
51) 4-Methyl-2-Pentanone	8.647	43	988	0.389	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	45036	23.267	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	45036	66.076	ug/l	# 5
95) Naphthalene	13.792	128	237	0.778	ug/l	# 69

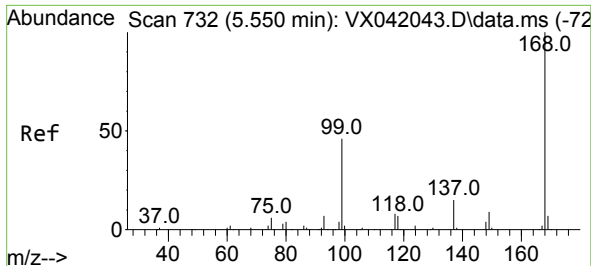
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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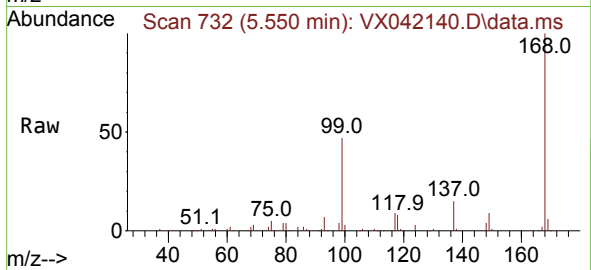
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 21 23:51:58 2024
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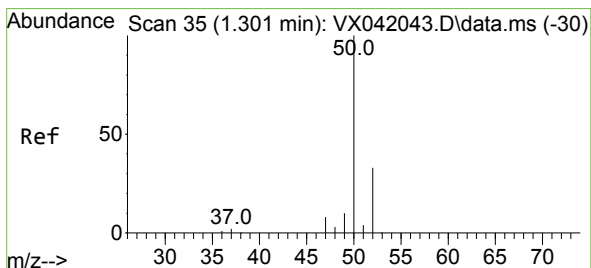
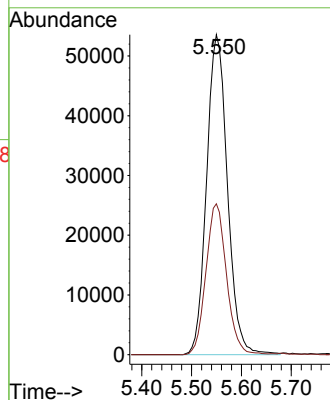
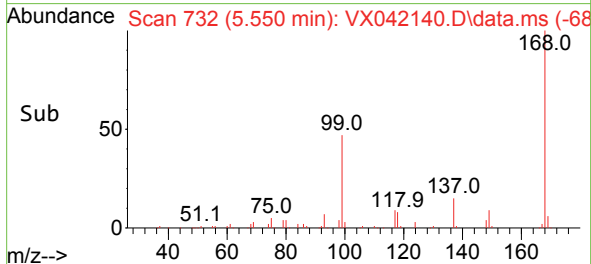


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042140.D
Acq: 02 Jul 2024 15:21

Instrument :
MSVOA_X
ClientSampleId :

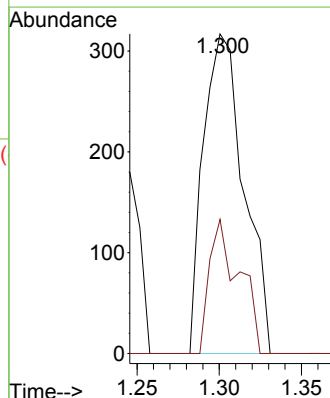
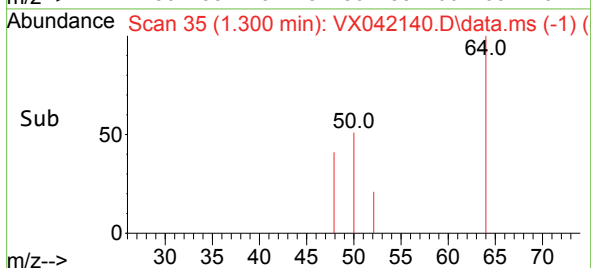
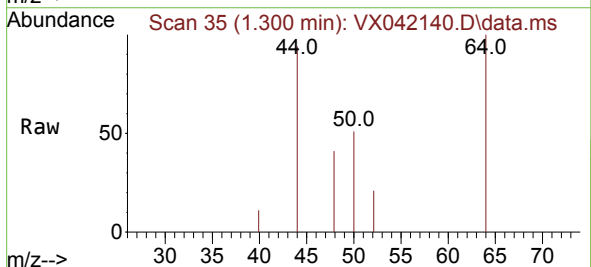


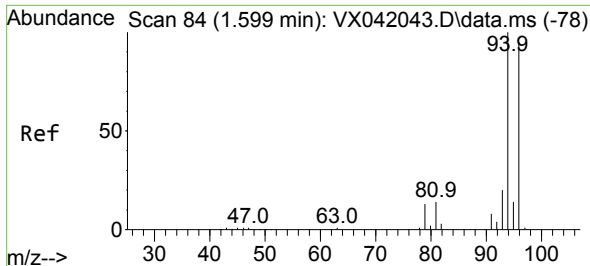
Tgt Ion:168 Resp: 155528
Ion Ratio Lower Upper
168 100
99 47.2 56.6 85.0#



#3
Chloromethane
Concen: 0.366 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX042140.D
Acq: 02 Jul 2024 15:21

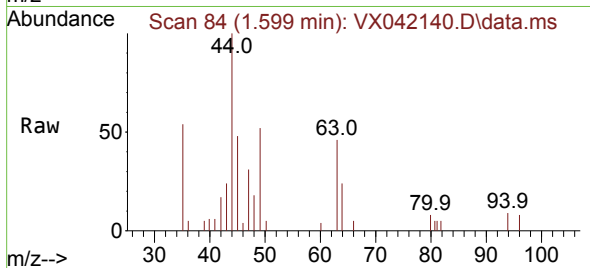
Tgt Ion: 50 Resp: 544
Ion Ratio Lower Upper
50 100
52 42.0 25.5 38.3#



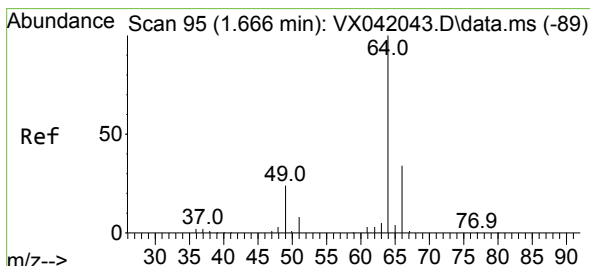
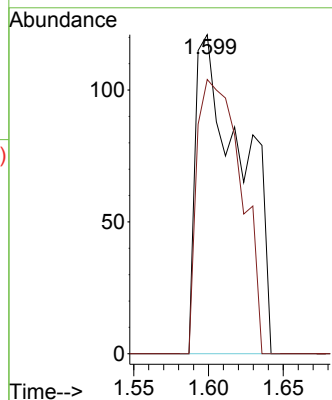
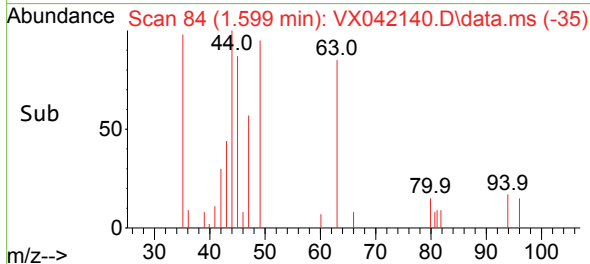


#5
 Bromomethane
 Concen: 0.353 ug/l
 RT: 1.599 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VX042140.D
 Acq: 02 Jul 2024 15:21

Instrument :
 MSVOA_X
 ClientSampleId :

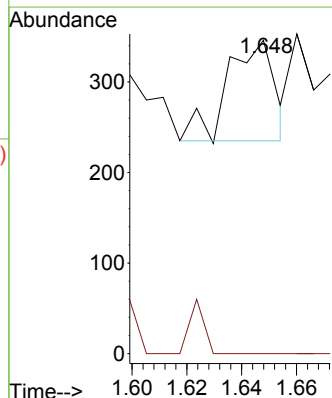
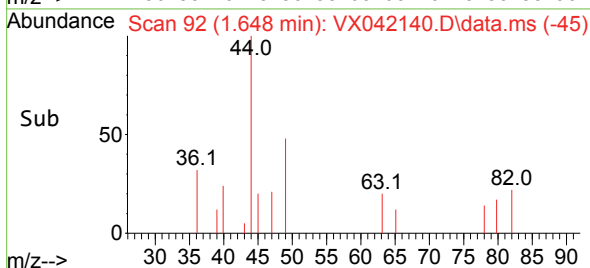
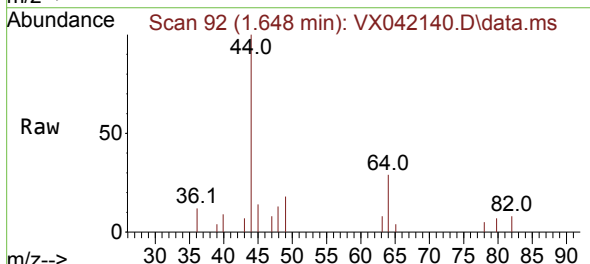


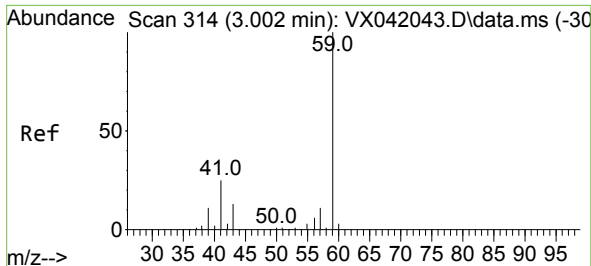
Tgt Ion: 94 Resp: 260
 Ion Ratio Lower Upper
 94 100
 96 86.0 74.6 111.8



#6
 Chloroethane
 Concen: Below Cal
 RT: 1.648 min Scan# 92
 Delta R.T. -0.012 min
 Lab File: VX042140.D
 Acq: 02 Jul 2024 15:21

Tgt Ion: 64 Resp: 132
 Ion Ratio Lower Upper
 64 100
 66 0.0 25.1 37.7#





#11

Tert butyl alcohol

Concen: 0.499 ug/l

RT: 2.940 min Scan# 30

Delta R.T. -0.067 min

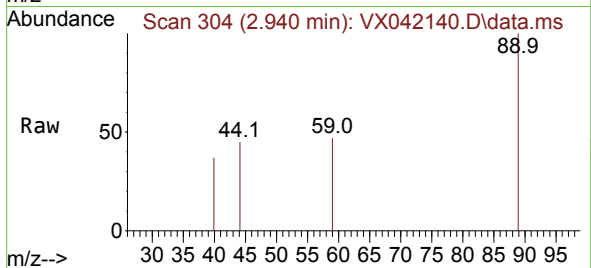
Lab File: VX042140.D

Acq: 02 Jul 2024 15:21

Instrument :

MSVOA_X

ClientSampleId :

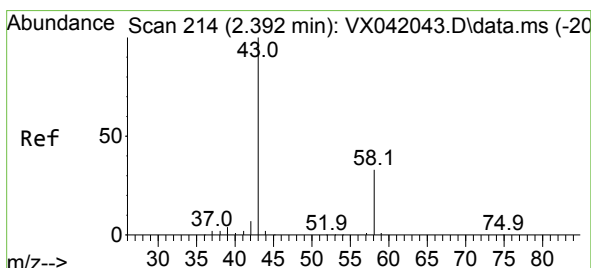
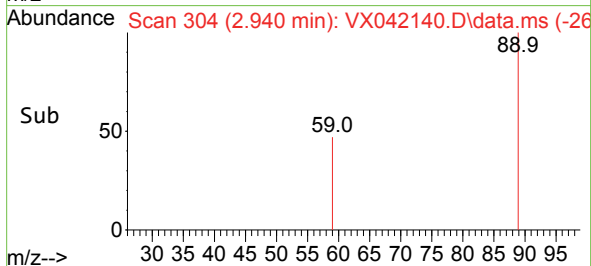
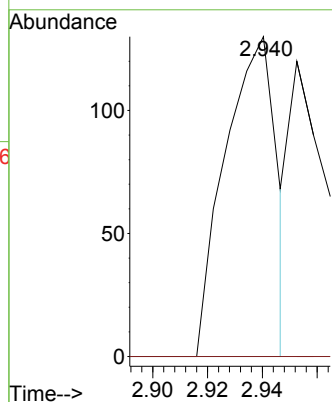


Tgt Ion: 59 Resp: 170

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 1.540 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX042140.D

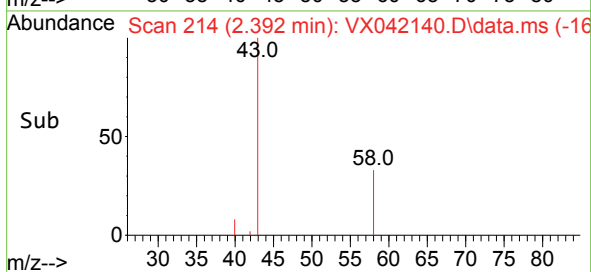
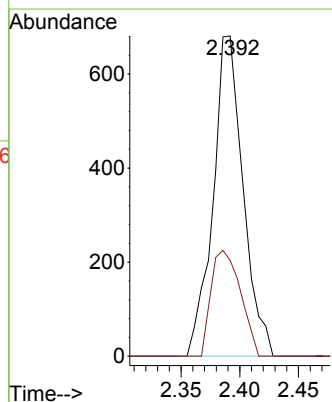
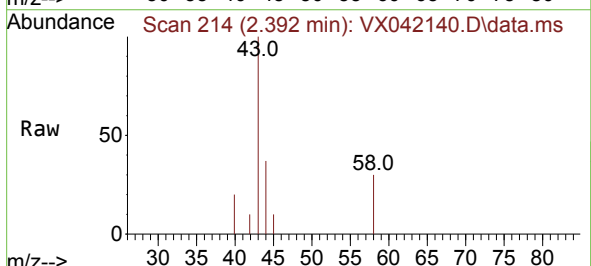
Acq: 02 Jul 2024 15:21

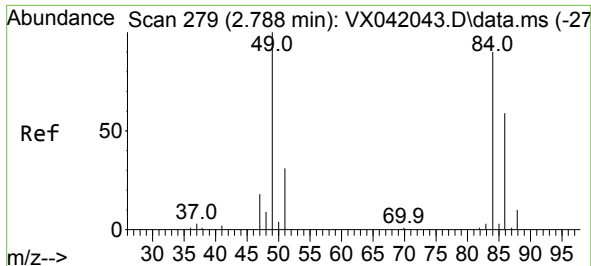
Tgt Ion: 43 Resp: 1213

Ion Ratio Lower Upper

43 100

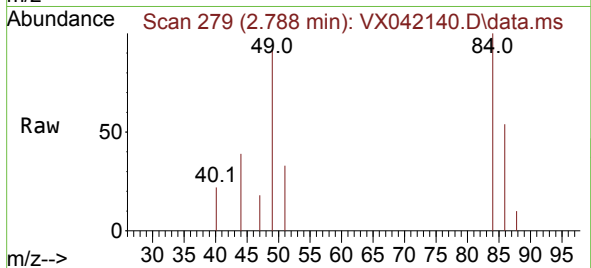
58 30.0 21.9 32.9



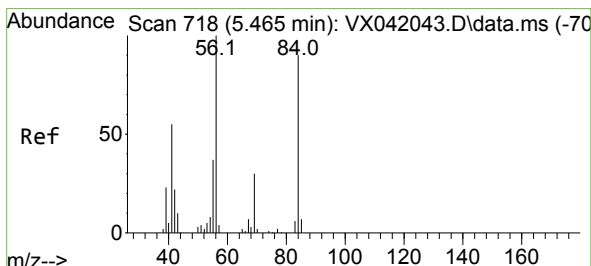
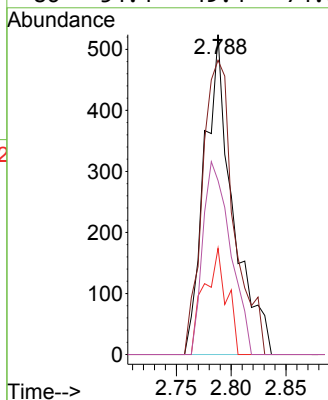
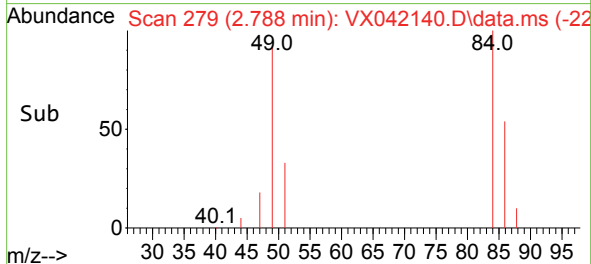


#20
Methylene Chloride
Concen: 0.547 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX042140.D
Acq: 02 Jul 2024 15:21

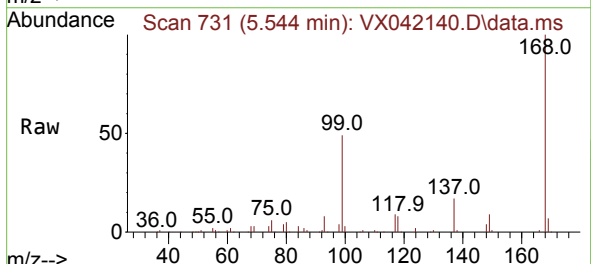
Instrument :
MSVOA_X
ClientSampleId :



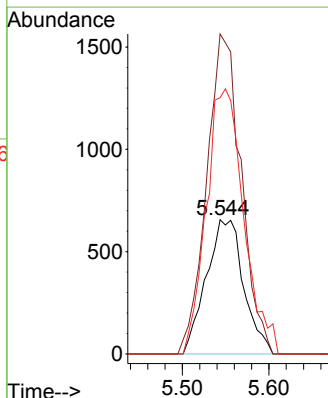
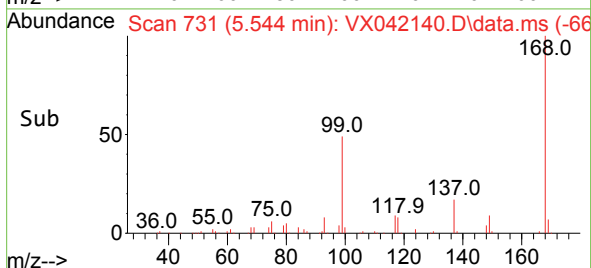
Tgt Ion:	84	Resp:	944
Ion	Ratio	Lower	Upper
84	100		
49	92.0	103.6	155.4#
51	33.2	33.8	50.6#
86	54.4	49.4	74.0

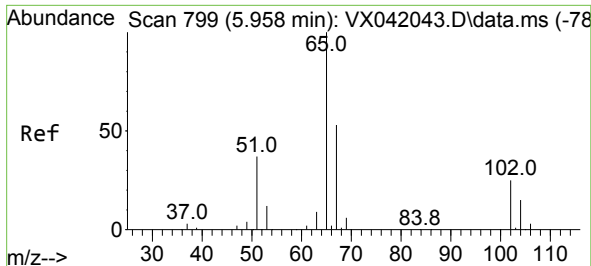


#31
Cyclohexane
Concen: 0.936 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX042140.D
Acq: 02 Jul 2024 15:21



Tgt Ion:	56	Resp:	1964
Ion	Ratio	Lower	Upper
56	100		
69	238.4	23.4	35.2#
84	191.0	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 44.502 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX042140.D

Acq: 02 Jul 2024 15:21

Instrument :

MSVOA_X

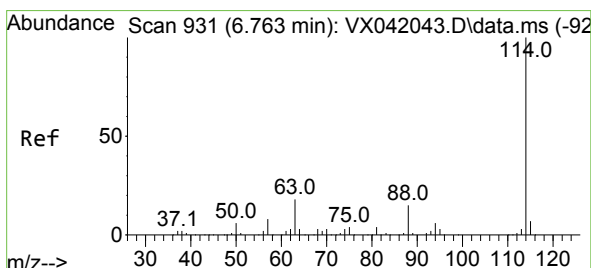
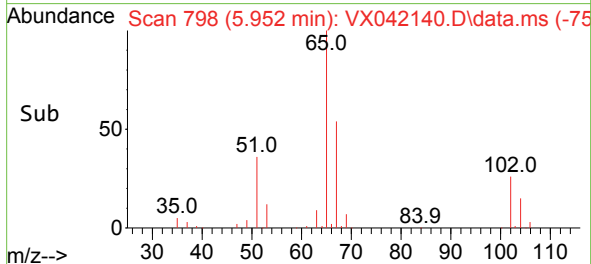
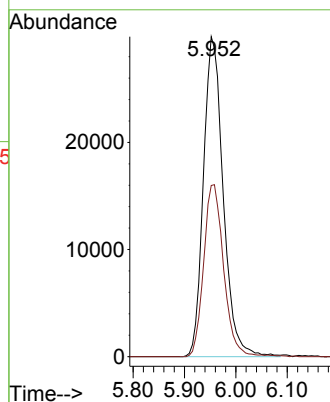
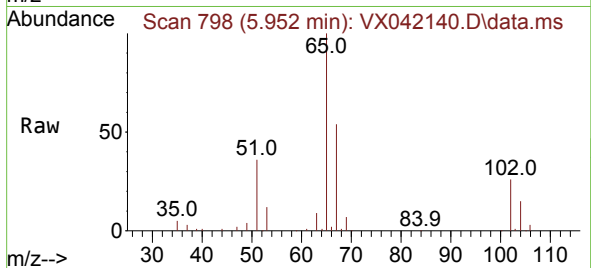
ClientSampleId :

Tgt Ion: 65 Resp: 79811

Ion Ratio Lower Upper

65 100

67 54.4 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX042140.D

Acq: 02 Jul 2024 15:21

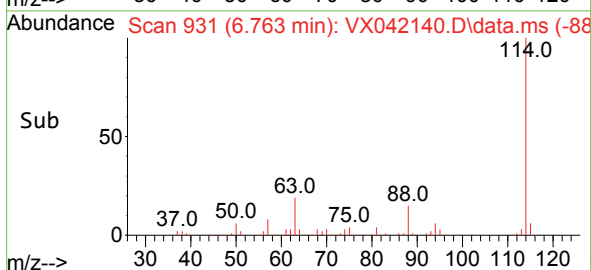
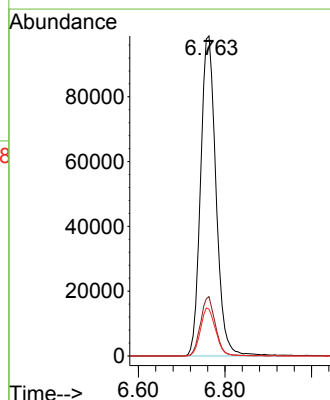
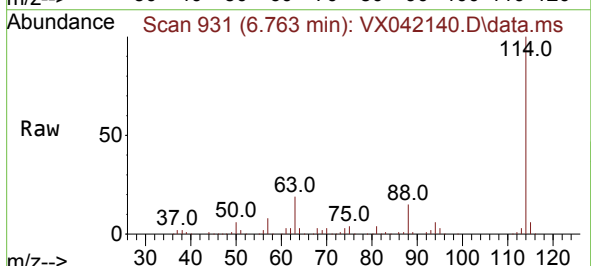
Tgt Ion: 114 Resp: 244654

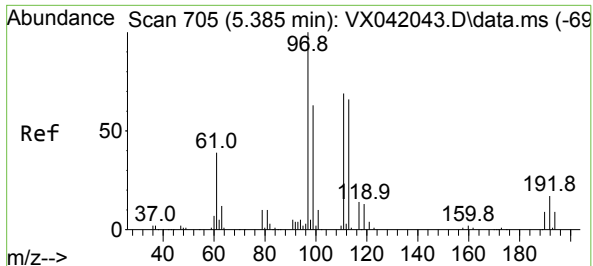
Ion Ratio Lower Upper

114 100

63 18.6 0.0 45.0

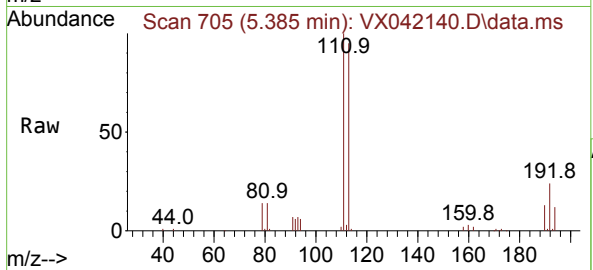
88 14.6 0.0 36.6



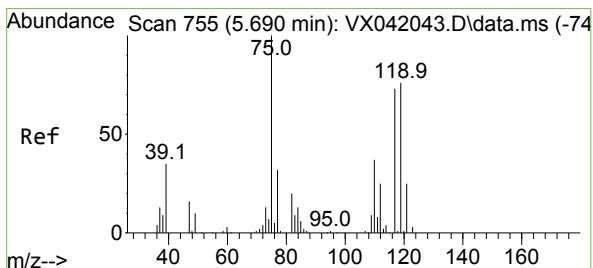
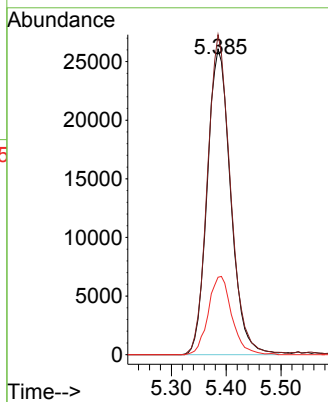
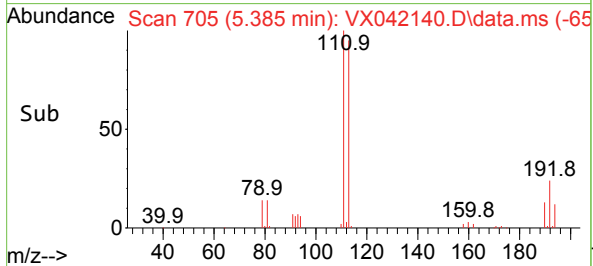


#35
Dibromofluoromethane
Concen: 44.539 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042140.D
Acq: 02 Jul 2024 15:21

Instrument :
MSVOA_X
ClientSampleId :

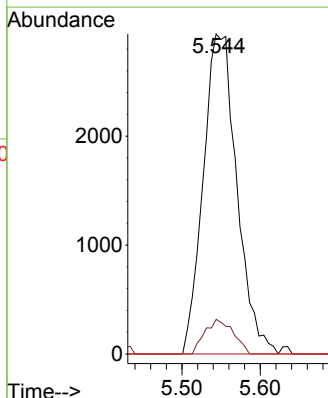
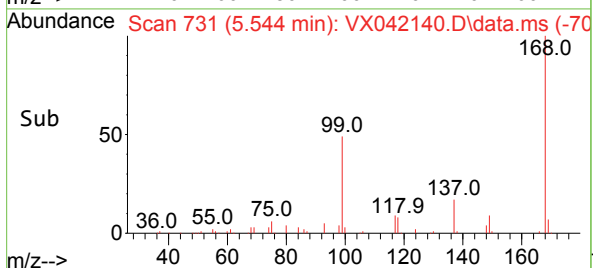
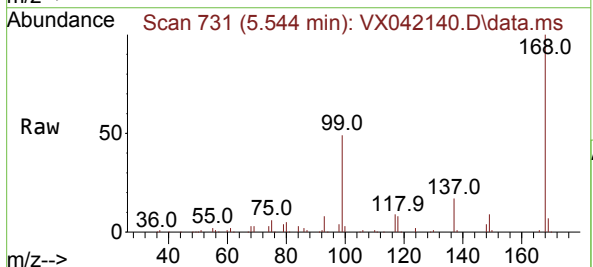


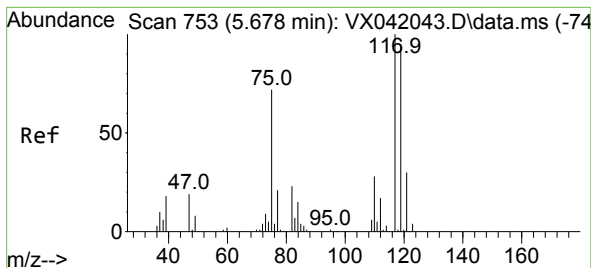
Tgt Ion:113 Resp: 77317
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 25.8 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 4.750 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX042140.D
Acq: 02 Jul 2024 15:21

Tgt Ion: 75 Resp: 8756
Ion Ratio Lower Upper
75 100
110 9.2 17.0 50.9#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 6.420 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.128 min

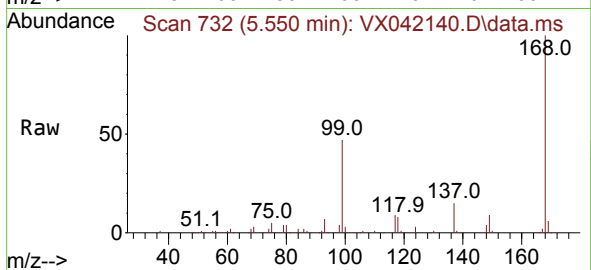
Lab File: VX042140.D

Acq: 02 Jul 2024 15:21

Instrument :

MSVOA_X

ClientSampleId :



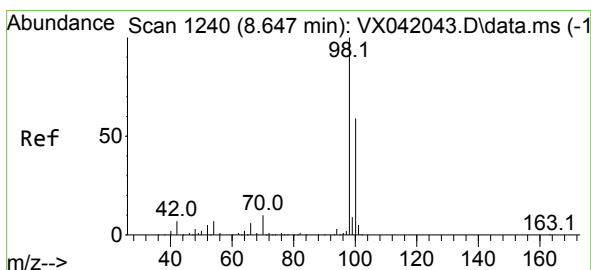
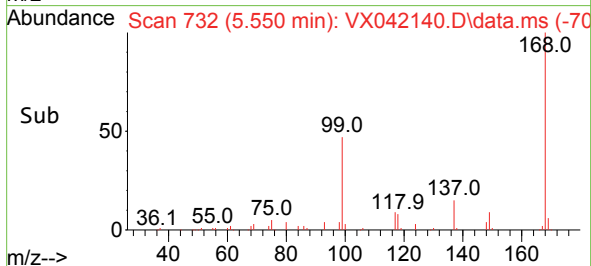
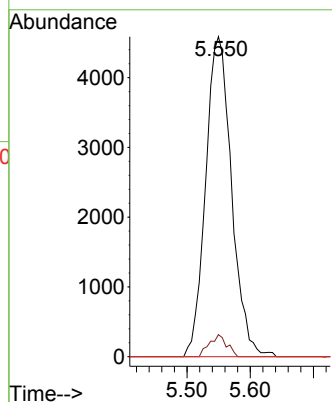
Tgt Ion:117 Resp: 13075

Ion Ratio Lower Upper

117 100

119 6.9 78.2 117.2#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 45.798 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX042140.D

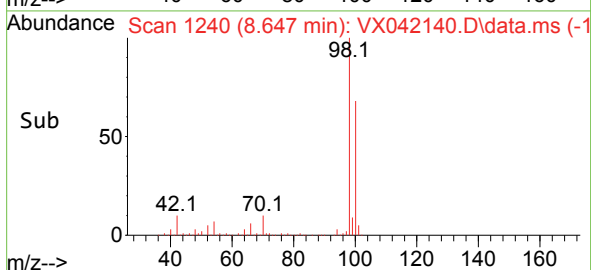
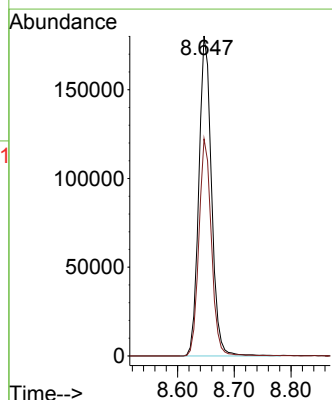
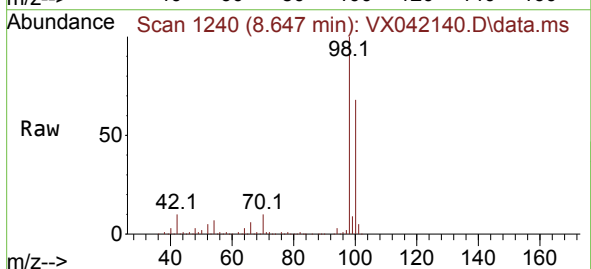
Acq: 02 Jul 2024 15:21

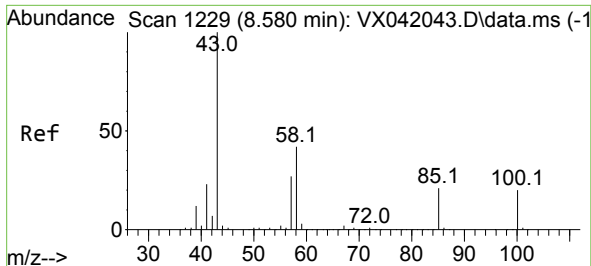
Tgt Ion: 98 Resp: 279296

Ion Ratio Lower Upper

98 100

100 67.1 53.1 79.7

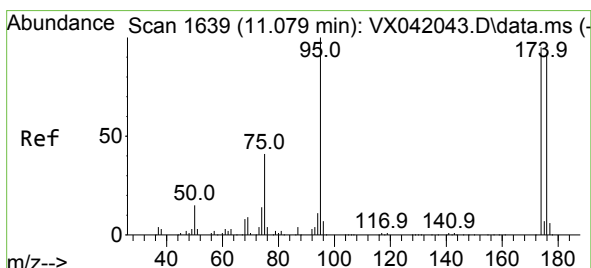
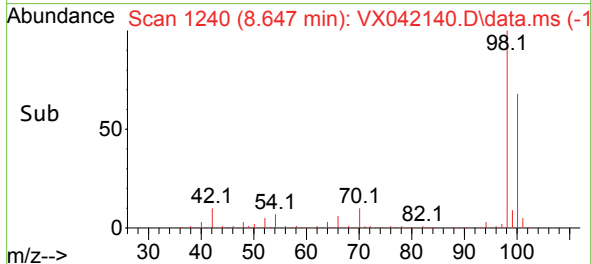
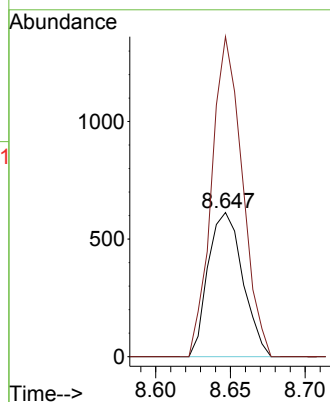
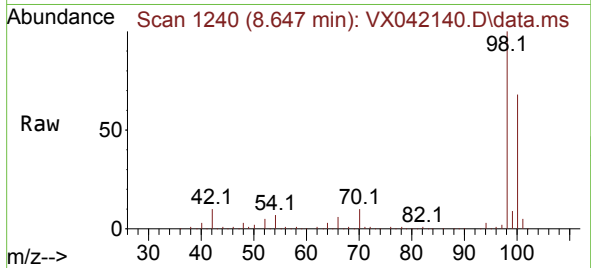




#51
4-Methyl-2-Pentanone
Concen: 0.389 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX042140.D
Acq: 02 Jul 2024 15:21

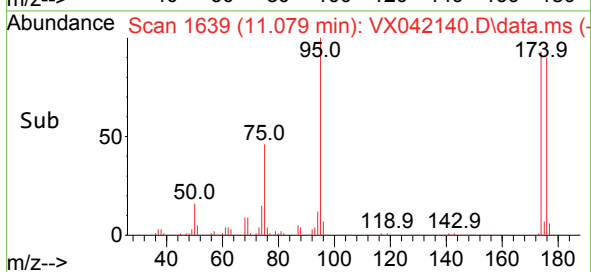
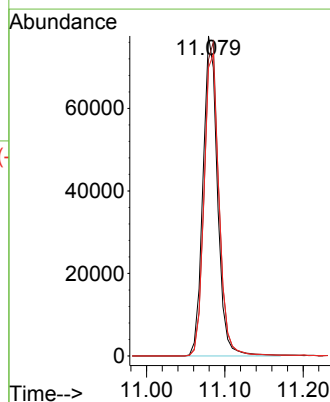
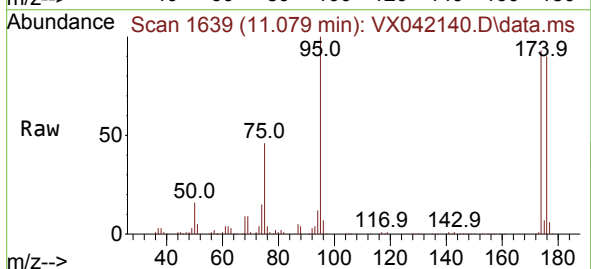
Instrument :
MSVOA_X
ClientSampleId :

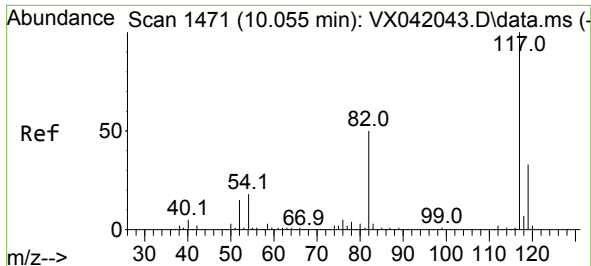
Tgt Ion: 43 Resp: 988
Ion Ratio Lower Upper
43 100
58 196.6 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 44.386 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042140.D
Acq: 02 Jul 2024 15:21

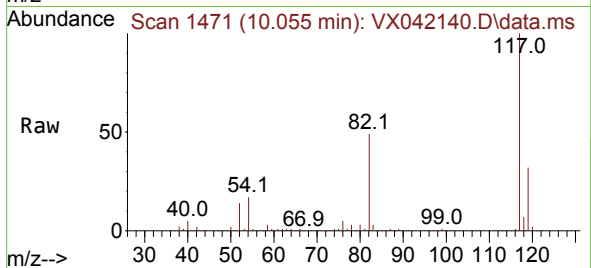
Tgt Ion: 95 Resp: 99781
Ion Ratio Lower Upper
95 100
174 99.6 0.0 135.6
176 97.8 0.0 131.0



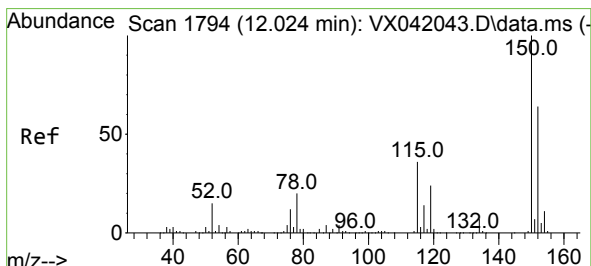
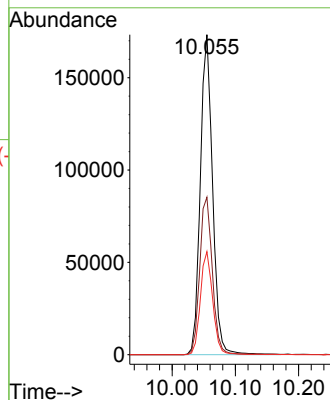
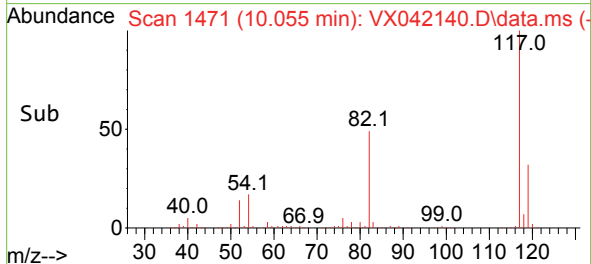


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042140.D
Acq: 02 Jul 2024 15:21

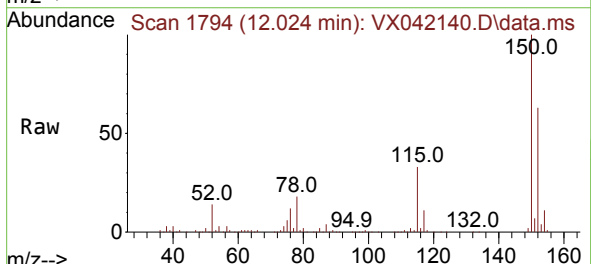
Instrument :
MSVOA_X
ClientSampleId :



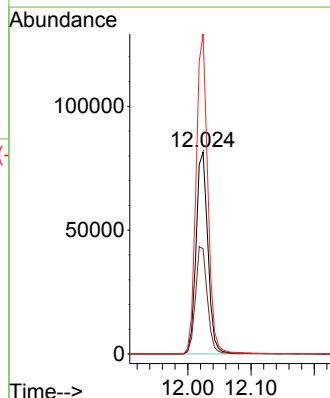
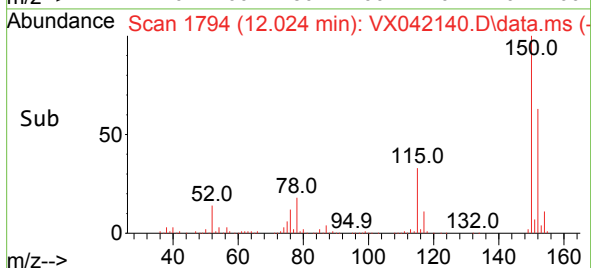
Tgt Ion:117 Resp: 233993
Ion Ratio Lower Upper
117 100
82 49.2 46.2 69.4
119 32.2 25.5 38.3

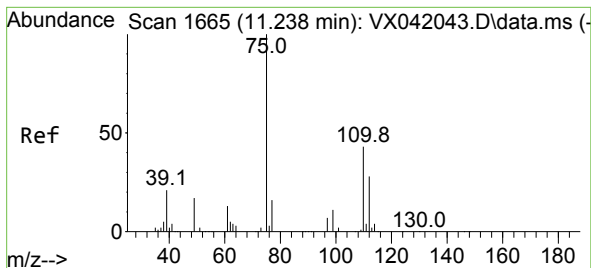


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX042140.D
Acq: 02 Jul 2024 15:21



Tgt Ion:152 Resp: 106623
Ion Ratio Lower Upper
152 100
115 53.3 43.3 129.9
150 157.5 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 23.267 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX042140.D

Acq: 02 Jul 2024 15:21

Instrument :

MSVOA_X

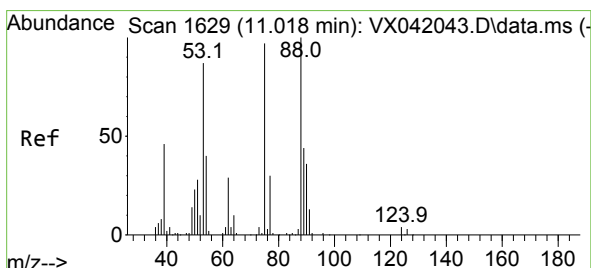
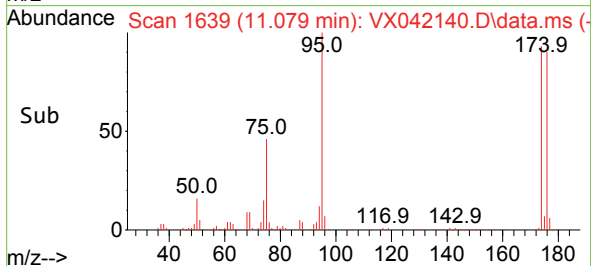
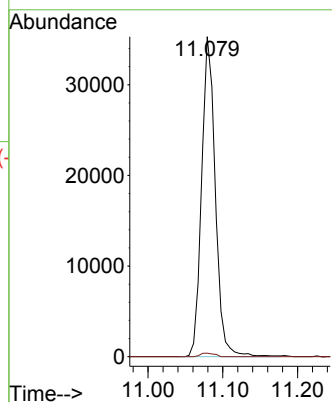
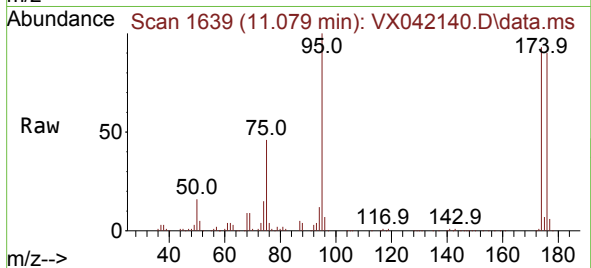
ClientSampleId :

Tgt Ion: 75 Resp: 45036

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 66.076 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX042140.D

Acq: 02 Jul 2024 15:21

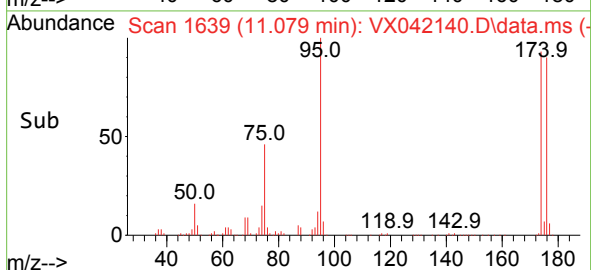
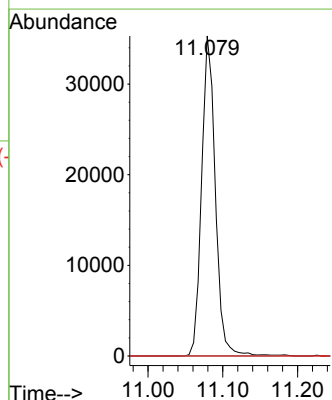
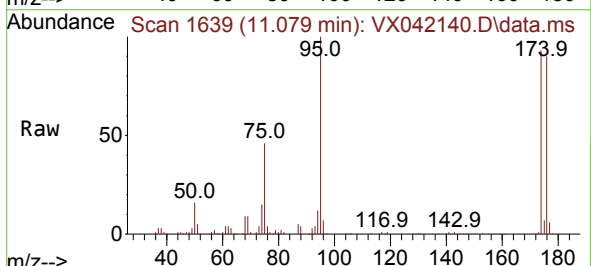
Tgt Ion: 75 Resp: 45036

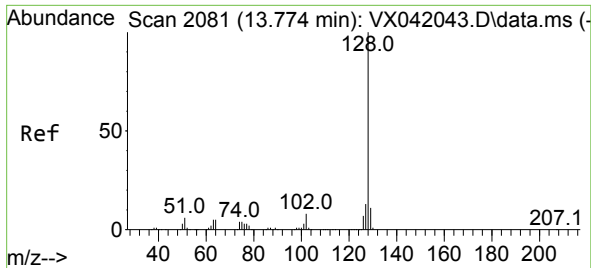
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

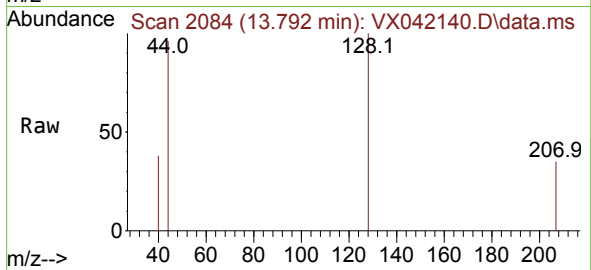
89 0.0 36.9 55.3#





#95
Naphthalene
Concen: 0.778 ug/l
RT: 13.792 min Scan# 2084
Delta R.T. 0.018 min
Lab File: VX042140.D
Acq: 02 Jul 2024 15:21

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:	128	Resp:	237
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.8	13.2#

