

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070224\
 Data File : VX042142.D
 Acq On : 02 Jul 2024 16:08
 Operator : JC/MD
 Sample : P3119-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-20240627

Quant Time: Jul 03 03:35:42 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)

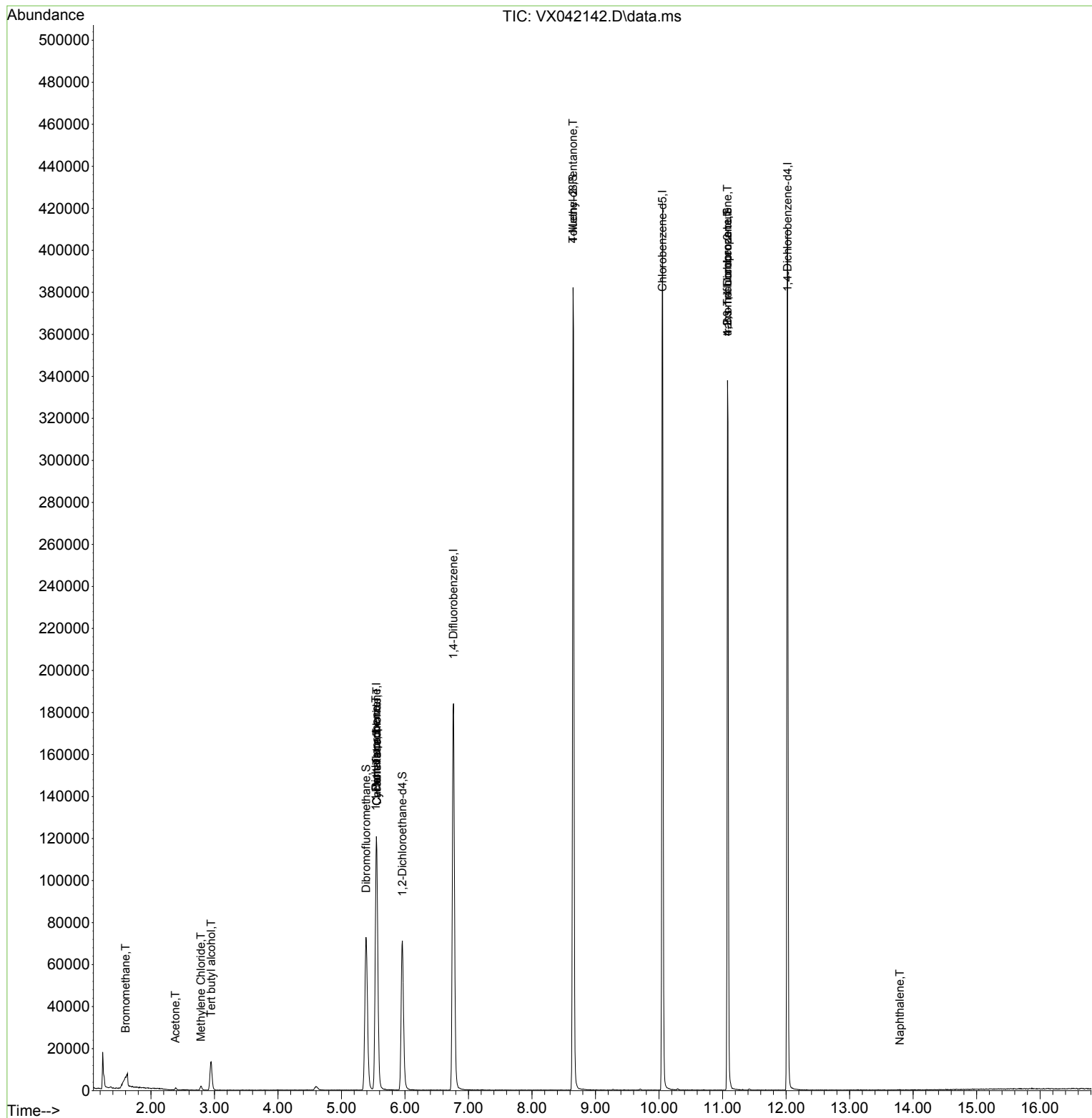
Internal Standards						
1) Pentafluorobenzene	5.550	168	133581	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	208232	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	208734	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101666	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	68547	44.501	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.000%
35) Dibromofluoromethane	5.385	113	65054	44.029	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.060%
50) Toluene-d8	8.647	98	241657	46.557	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.120%
62) 4-Bromofluorobenzene	11.079	95	91607	47.877	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.760%
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	153	0.242	ug/l	# 41
6) Chloroethane	1.648	64	212	Below Cal		# 43
11) Tert butyl alcohol	2.947	59	8189	28.012	ug/l	# 81
16) Acetone	2.386	43	1131	1.672	ug/l	# 85
20) Methylene Chloride	2.788	84	1142	0.771	ug/l	# 77
31) Cyclohexane	5.556	56	1767	0.981	ug/l	# 1
36) 1,1-Dichloropropene	5.544	75	7590	4.838	ug/l	# 51
38) Carbon Tetrachloride	5.556	117	11310	6.524	ug/l	# 14
51) 4-Methyl-2-Pentanone	8.647	43	887	0.410	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	42017	22.765	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	42017	64.652	ug/l	# 5
95) Naphthalene	13.792	128	192	0.774	ug/l	# 69

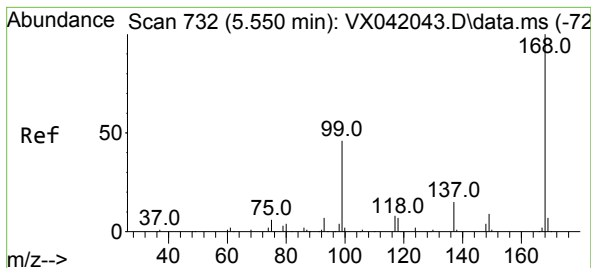
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070224\
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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: VX042142.D

Acq: 02 Jul 2024 16:08

Instrument :

MSVOA_X

ClientSampleId :

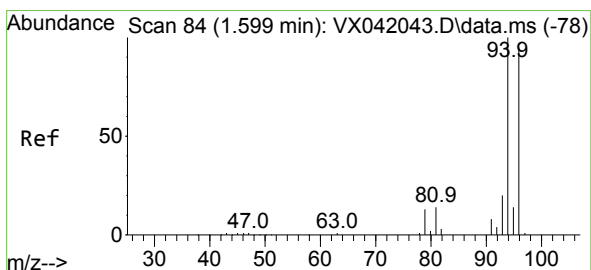
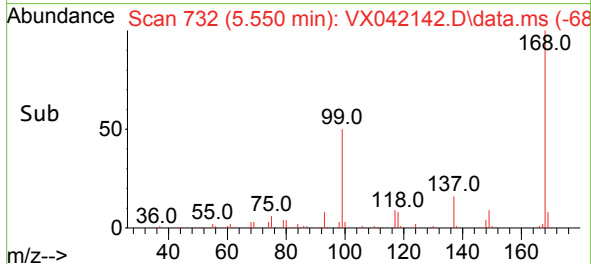
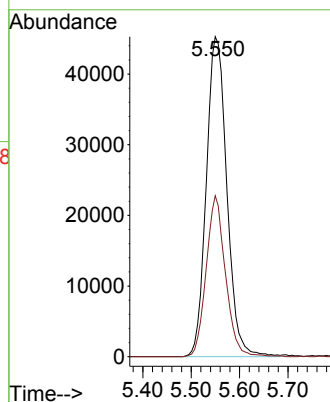
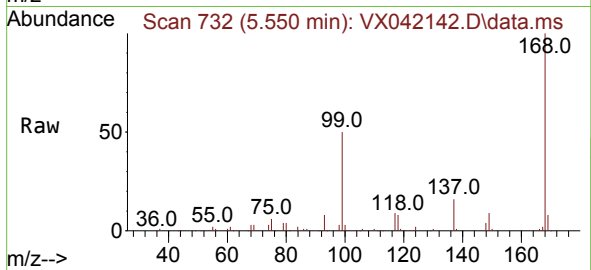
TB-20240627

Tgt Ion:168 Resp: 133581

Ion Ratio Lower Upper

168 100

99 50.3 56.6 85.0#



#5

Bromomethane

Concen: 0.242 ug/l

RT: 1.599 min Scan# 84

Delta R.T. 0.000 min

Lab File: VX042142.D

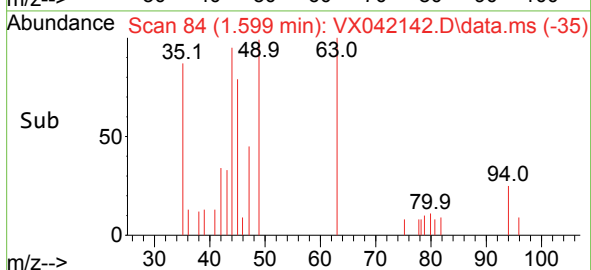
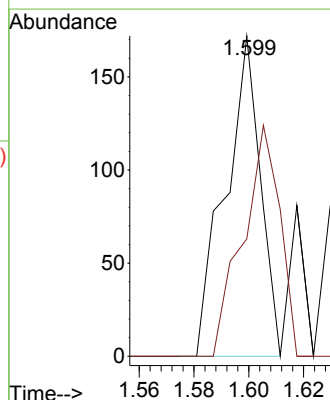
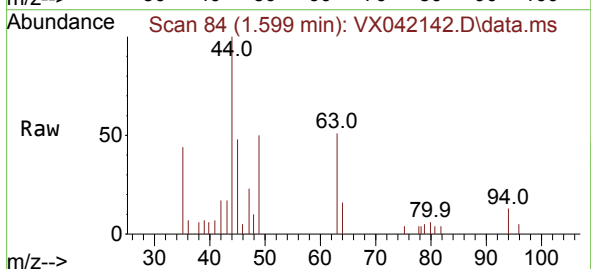
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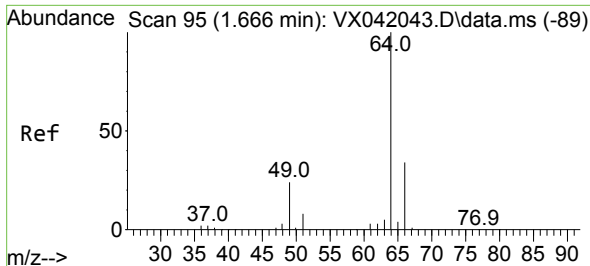
Tgt Ion: 94 Resp: 153

Ion Ratio Lower Upper

94 100

96 36.6 74.6 111.8#

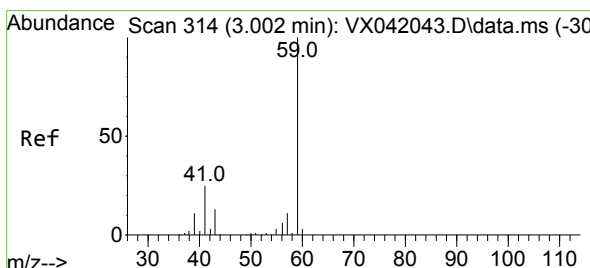
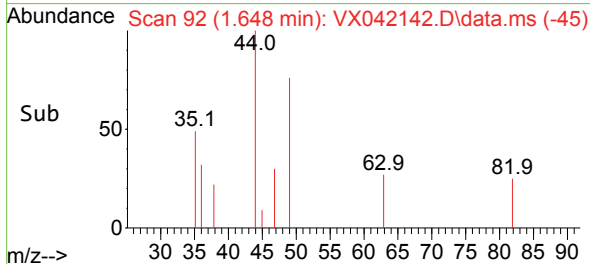
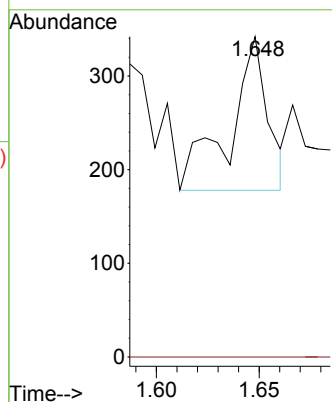
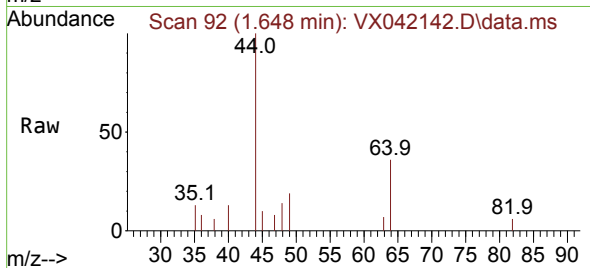




#6
Chloroethane
Concen: Below Cal
RT: 1.648 min Scan# 91
Delta R.T. -0.012 min
Lab File: VX042142.D
Acq: 02 Jul 2024 16:08

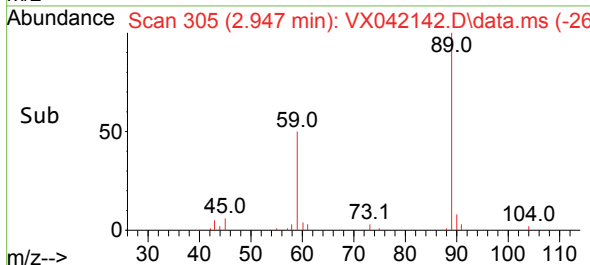
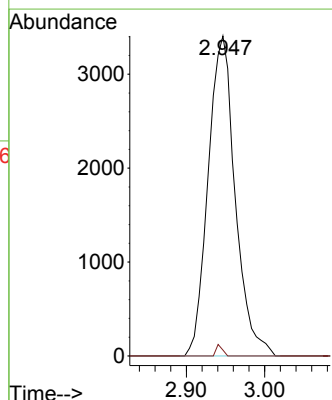
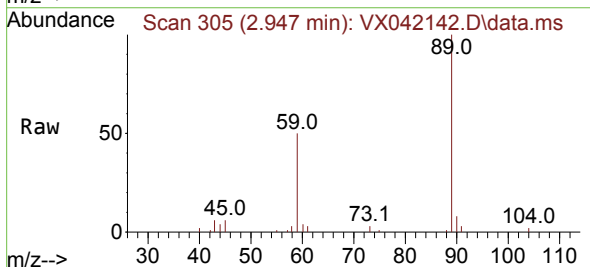
Instrument :
MSVOA_X
ClientSampleId :
TB-20240627

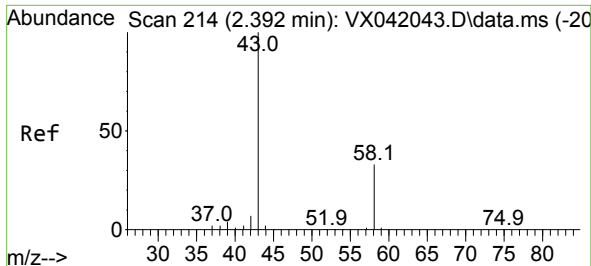
Tgt Ion: 64 Resp: 212
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: 28.012 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.061 min
Lab File: VX042142.D
Acq: 02 Jul 2024 16:08

Tgt Ion: 59 Resp: 8189
Ion Ratio Lower Upper
59 100
57 0.8 6.0 9.0#





#16

Acetone

Concen: 1.672 ug/l

RT: 2.386 min Scan# 214

Delta R.T. -0.012 min

Lab File: VX042142.D

Acq: 02 Jul 2024 16:08

Instrument :

MSVOA_X

ClientSampleId :

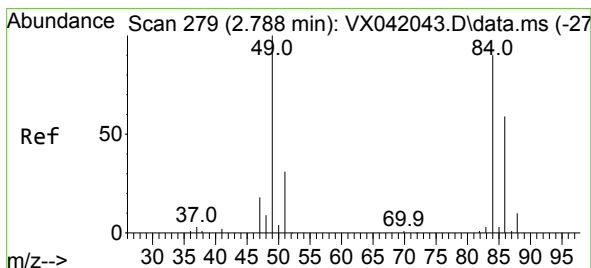
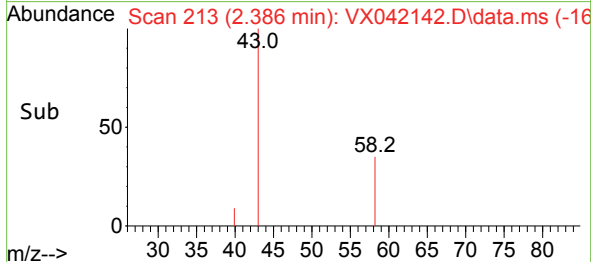
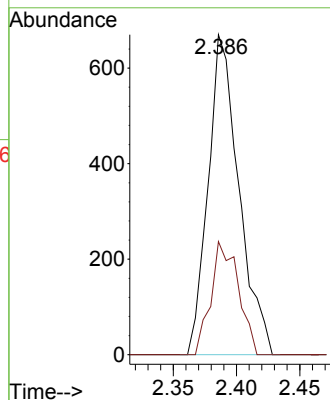
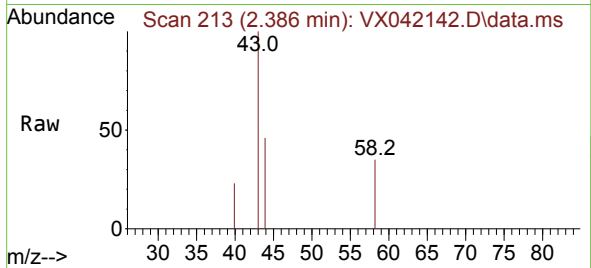
TB-20240627

Tgt Ion: 43 Resp: 1131

Ion Ratio Lower Upper

43 100

58 35.4 21.9 32.9#



#20

Methylene Chloride

Concen: 0.771 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.006 min

Lab File: VX042142.D

Acq: 02 Jul 2024 16:08

Tgt Ion: 84 Resp: 1142

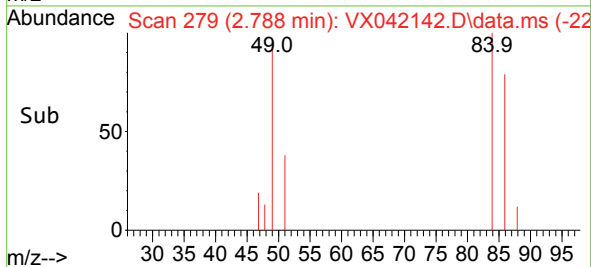
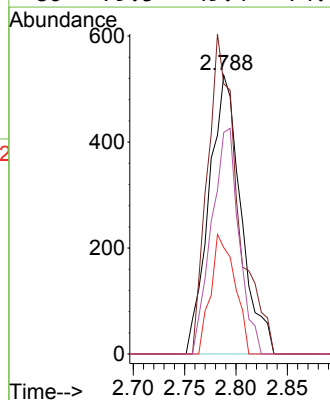
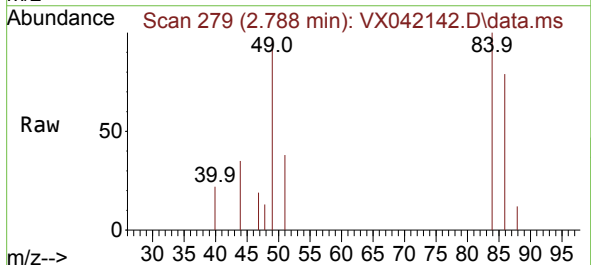
Ion Ratio Lower Upper

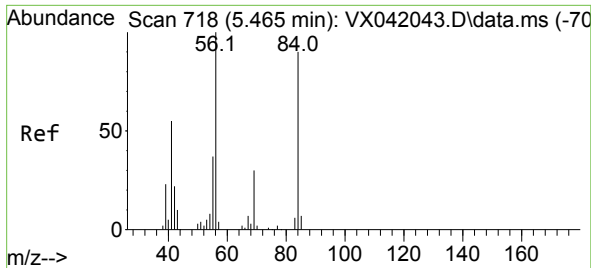
84 100

49 97.0 103.6 155.4#

51 38.2 33.8 50.6

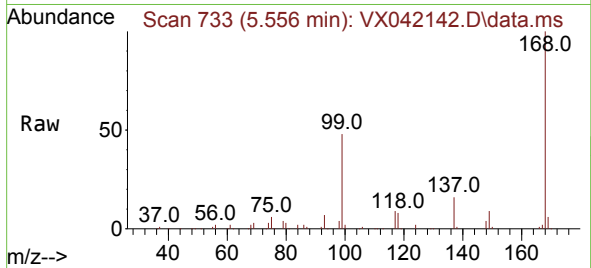
86 79.5 49.4 74.0#



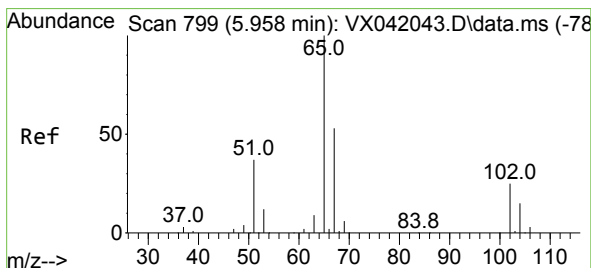
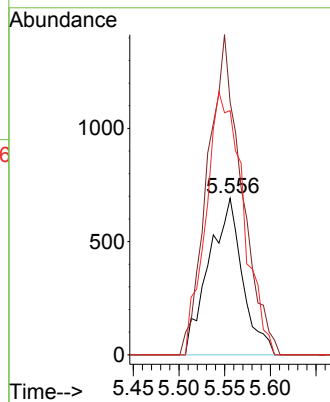
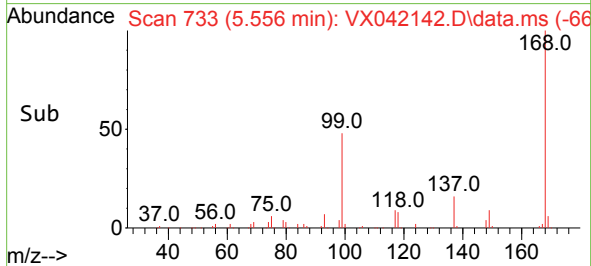


#31
Cyclohexane
Concen: 0.981 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.092 min
Lab File: VX042142.D
Acq: 02 Jul 2024 16:08

Instrument :
MSVOA_X
ClientSampleId :
TB-20240627

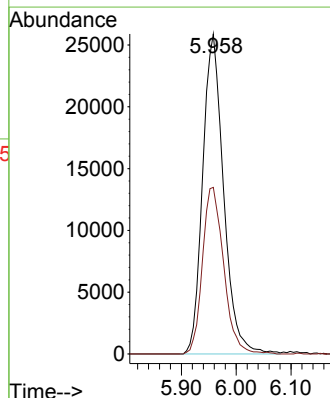
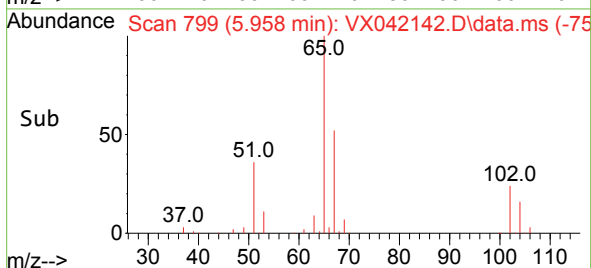
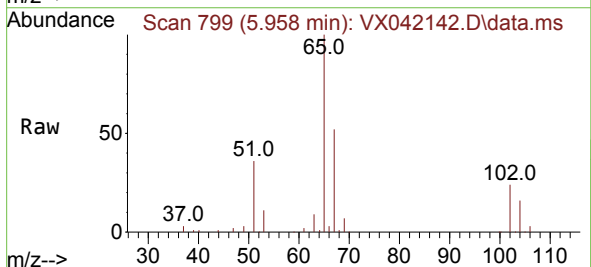


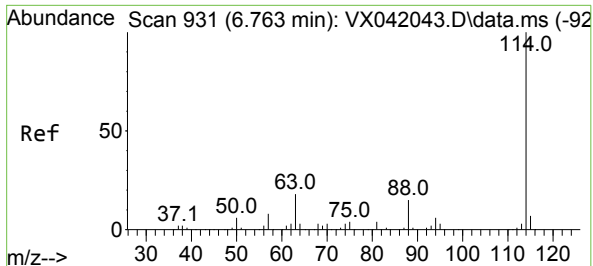
Tgt Ion: 56 Resp: 1767
Ion Ratio Lower Upper
56 100
69 161.5 23.4 35.2#
84 156.0 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 44.501 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX042142.D
Acq: 02 Jul 2024 16:08

Tgt Ion: 65 Resp: 68547
Ion Ratio Lower Upper
65 100
67 52.9 0.0 100.2

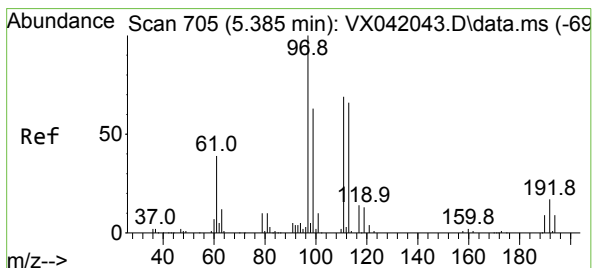
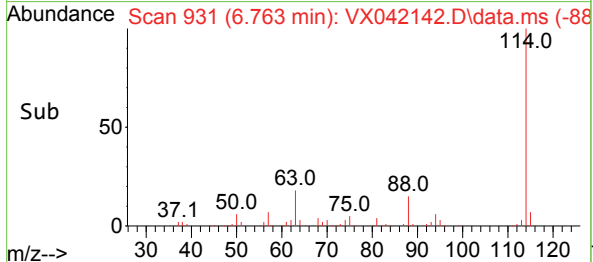
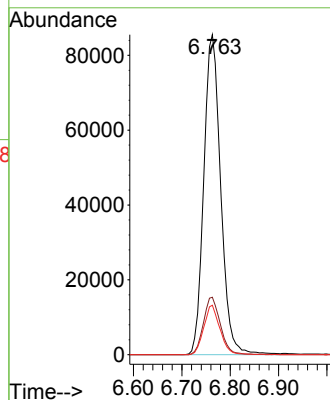
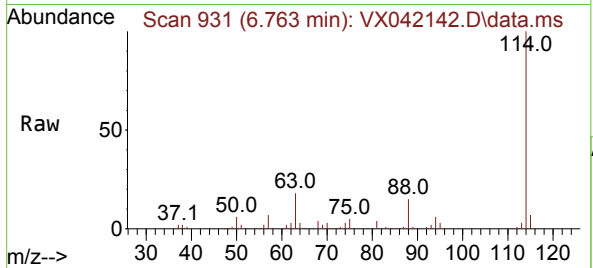




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX042142.D
Acq: 02 Jul 2024 16:08

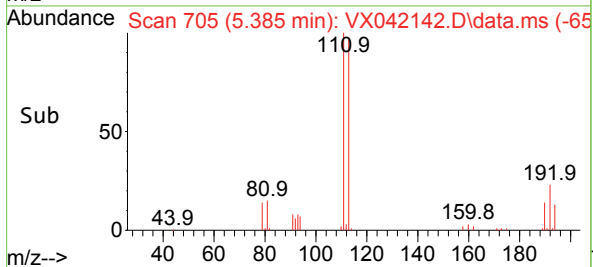
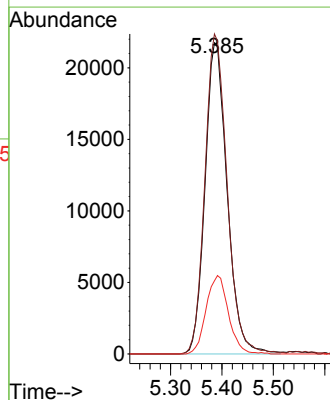
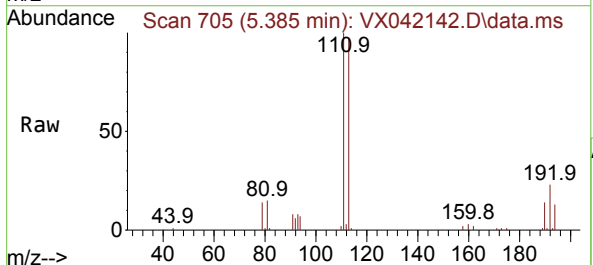
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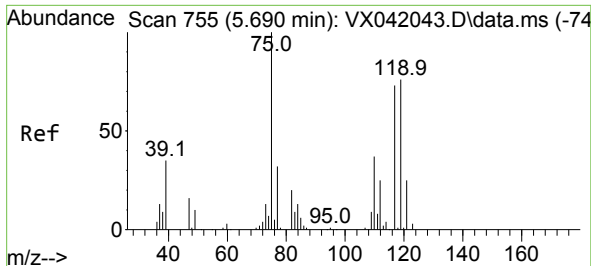
Tgt Ion:114 Resp: 208232
Ion Ratio Lower Upper
114 100
63 18.0 0.0 45.0
88 15.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.029 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042142.D
Acq: 02 Jul 2024 16:08

Tgt Ion:113 Resp: 65054
Ion Ratio Lower Upper
113 100
111 103.3 82.9 124.3
192 25.4 13.3 19.9#

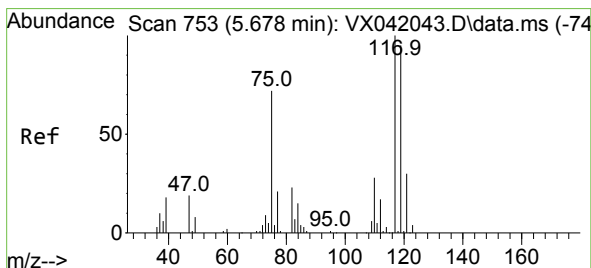
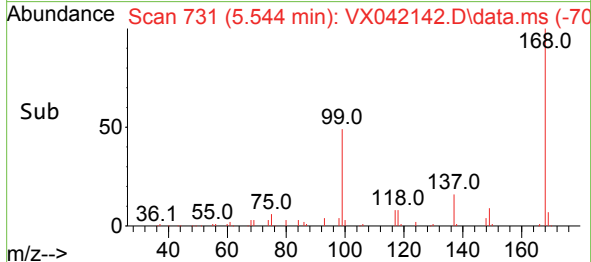
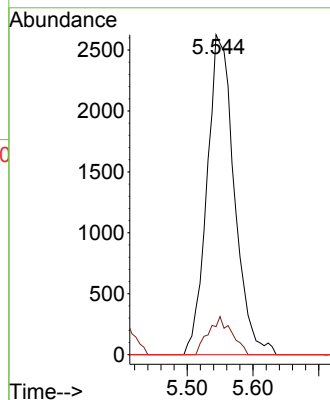
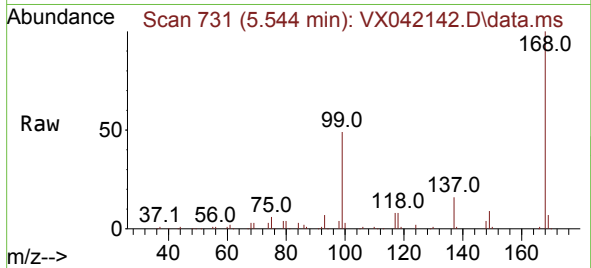




#36
 1,1-Dichloropropene
 Concen: 4.838 ug/l
 RT: 5.544 min Scan# 711
 Delta R.T. -0.146 min
 Lab File: VX042142.D
 Acq: 02 Jul 2024 16:08

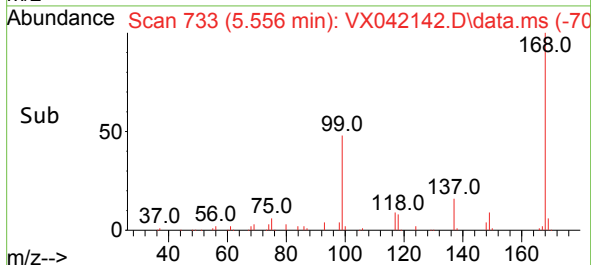
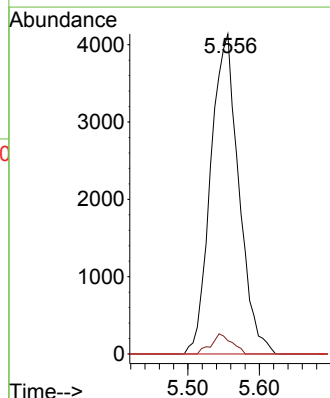
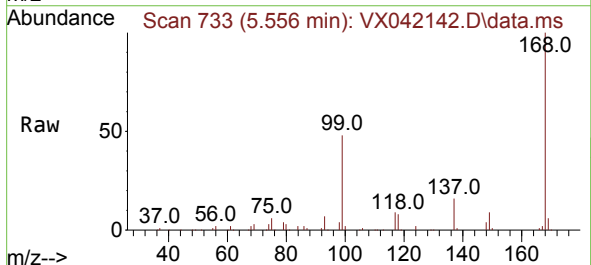
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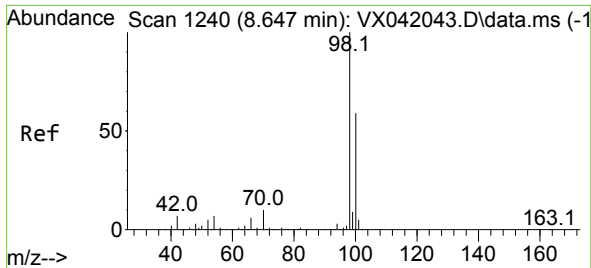
Tgt Ion: 75 Resp: 7590
 Ion Ratio Lower Upper
 75 100
 110 10.1 17.0 50.9#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 6.524 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. -0.122 min
 Lab File: VX042142.D
 Acq: 02 Jul 2024 16:08

Tgt Ion: 117 Resp: 11310
 Ion Ratio Lower Upper
 117 100
 119 4.1 78.2 117.2#
 121 0.0 24.4 36.6#

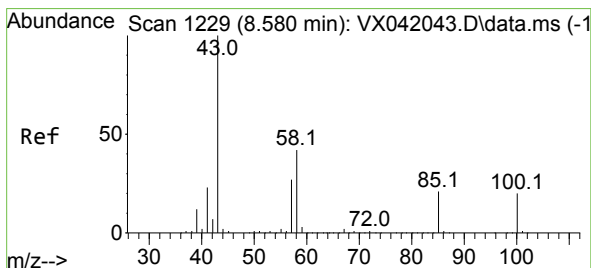
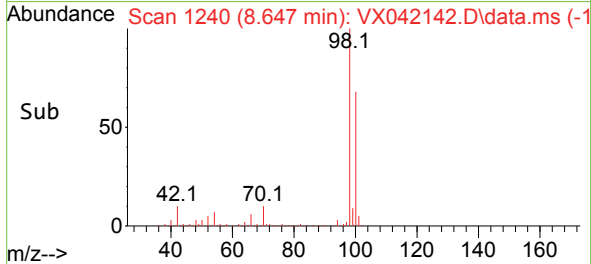
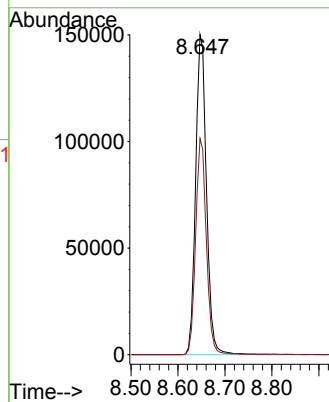
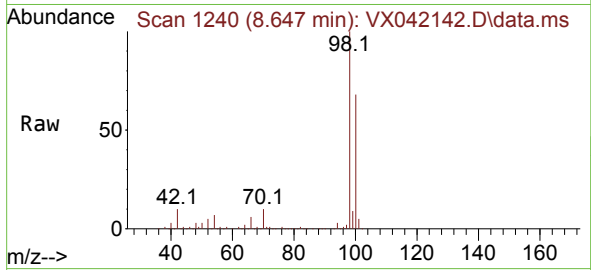




#50
Toluene-d8
Concen: 46.557 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX042142.D
Acq: 02 Jul 2024 16:08

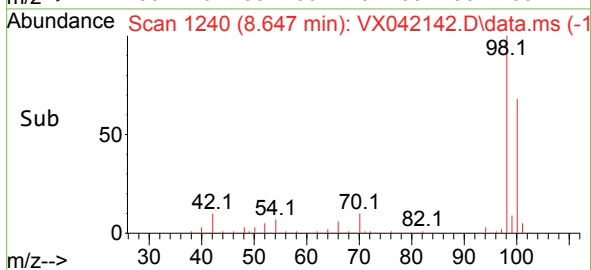
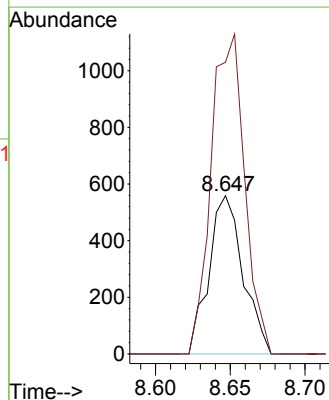
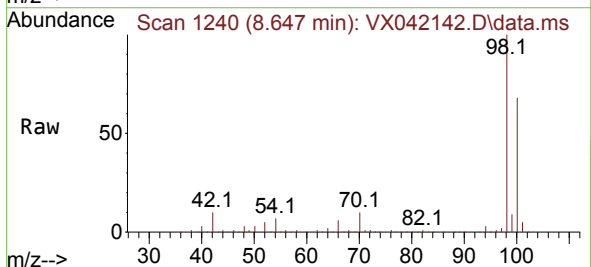
Instrument :
MSVOA_X
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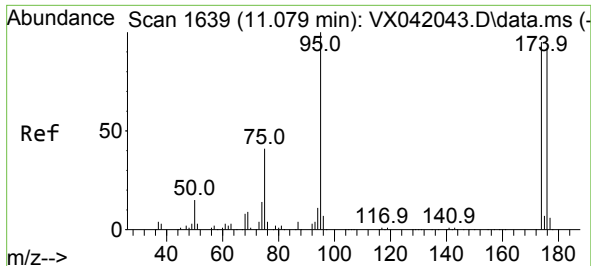
Tgt Ion: 98 Resp: 241657
Ion Ratio Lower Upper
98 100
100 66.8 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.410 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX042142.D
Acq: 02 Jul 2024 16:08

Tgt Ion: 43 Resp: 887
Ion Ratio Lower Upper
43 100
58 198.3 30.4 45.6#

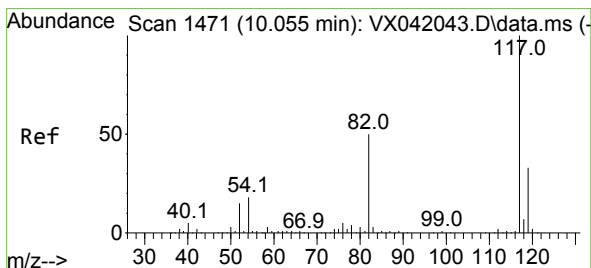
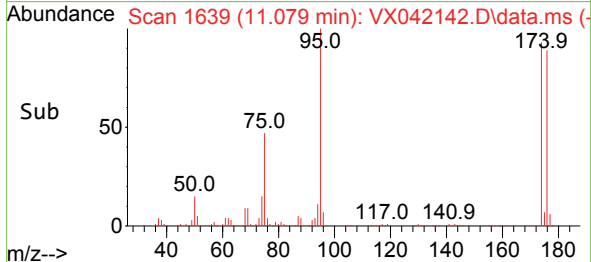
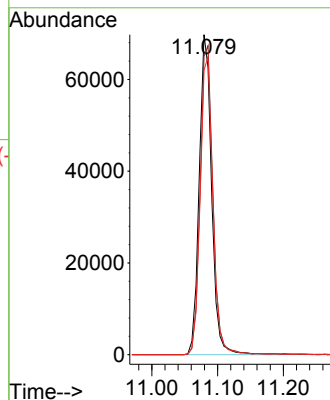
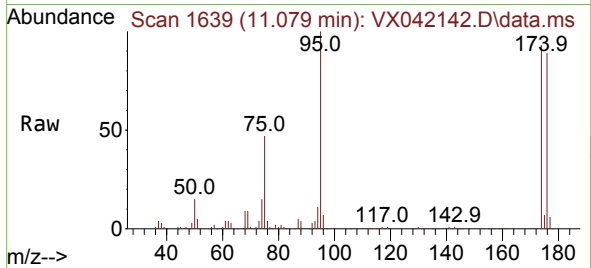




#62
4-Bromofluorobenzene
Concen: 47.877 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042142.D
Acq: 02 Jul 2024 16:08

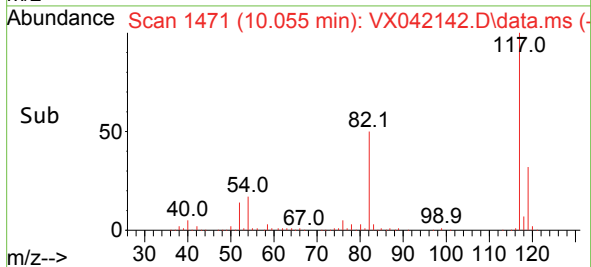
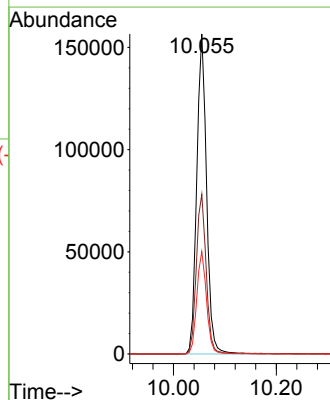
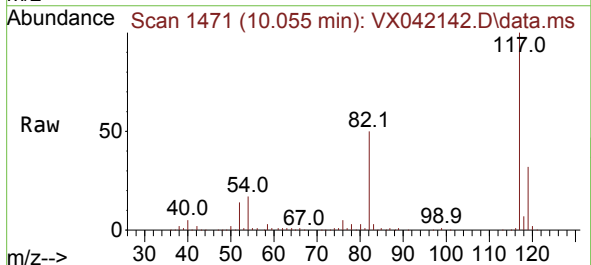
Instrument :
MSVOA_X
ClientSampleId :
TB-20240627

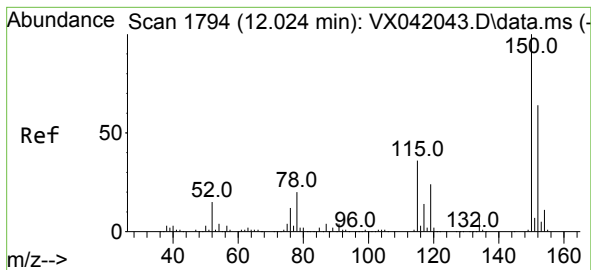
Tgt Ion: 95 Resp: 91607
Ion Ratio Lower Upper
95 100
174 99.7 0.0 135.6
176 95.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042142.D
Acq: 02 Jul 2024 16:08

Tgt Ion: 117 Resp: 208734
Ion Ratio Lower Upper
117 100
82 49.9 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# 11

Delta R.T. 0.000 min

Lab File: VX042142.D

Acq: 02 Jul 2024 16:08

Instrument :

MSVOA_X

ClientSampleId :

TB-20240627

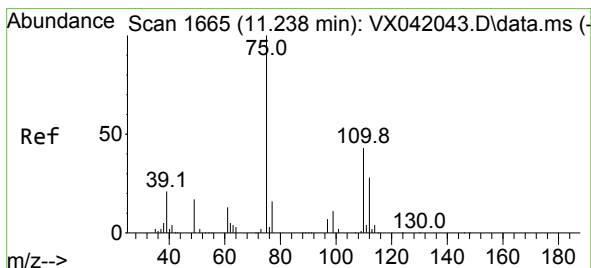
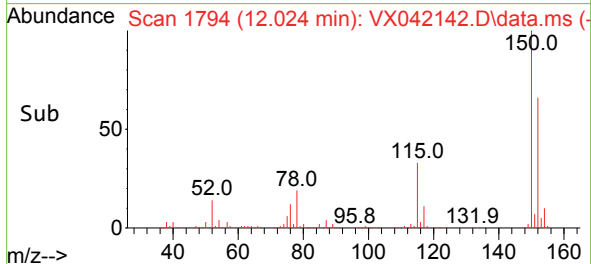
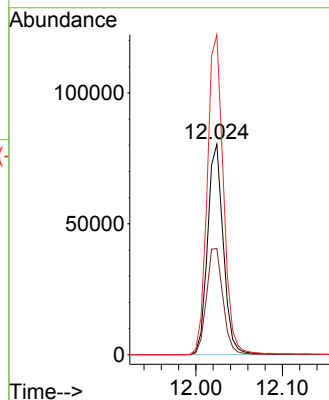
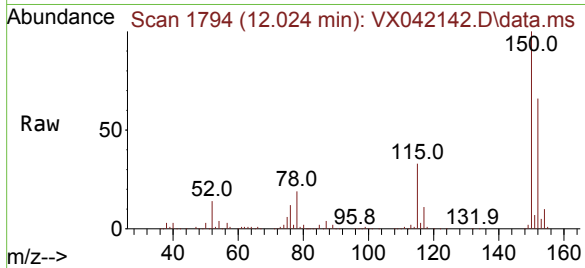
Tgt Ion:152 Resp: 101666

Ion Ratio Lower Upper

152 100

115 53.1 43.3 129.9

150 156.4 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.765 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX042142.D

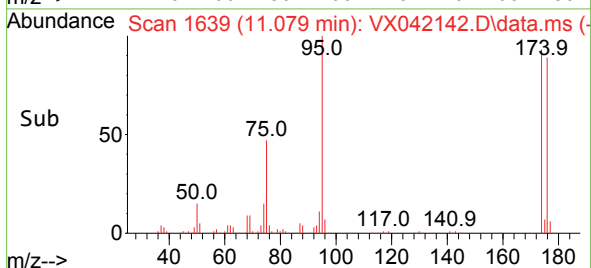
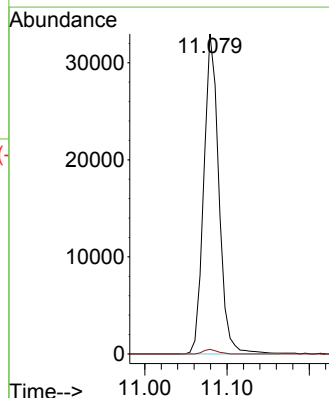
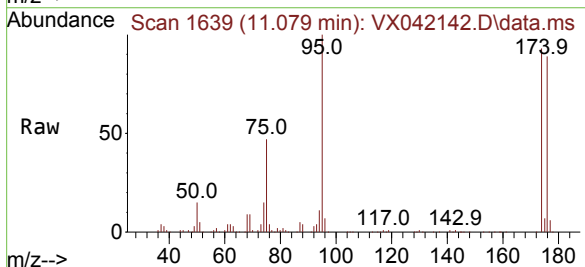
Acq: 02 Jul 2024 16:08

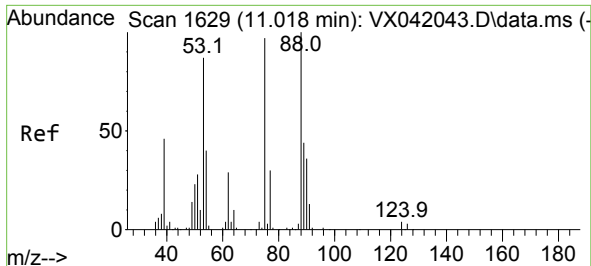
Tgt Ion: 75 Resp: 42017

Ion Ratio Lower Upper

75 100

77 1.4 19.1 57.5#

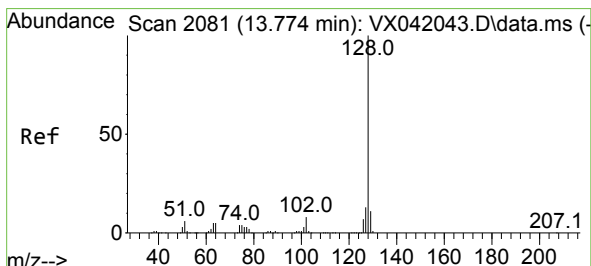
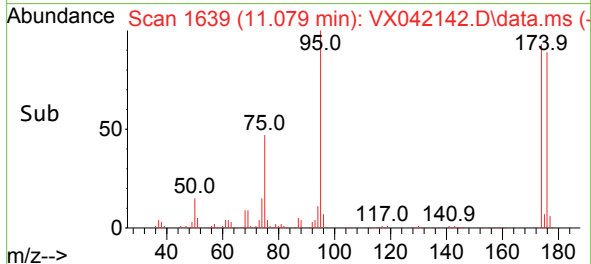
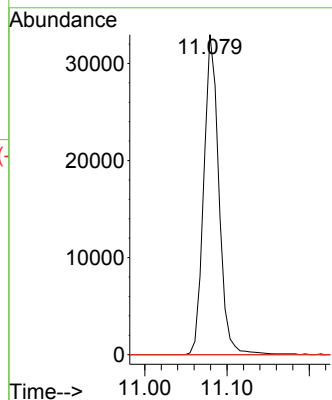
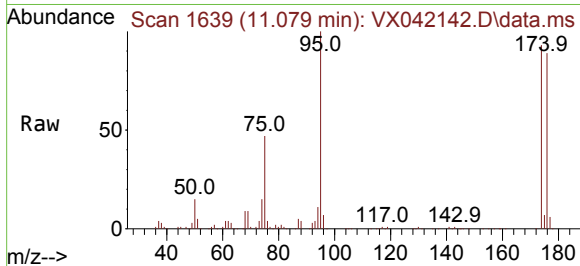




#81
trans-1,4-Dichloro-2-butene
Concen: 64.652 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX042142.D
Acq: 02 Jul 2024 16:08

Instrument :
MSVOA_X
ClientSampleId :
TB-20240627

Tgt Ion: 75 Resp: 42017
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 0.774 ug/l
RT: 13.792 min Scan# 2084
Delta R.T. 0.018 min
Lab File: VX042142.D
Acq: 02 Jul 2024 16:08

Tgt Ion: 128 Resp: 192
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

