

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061824\
 Data File : VX041925.D
 Acq On : 18 Jun 2024 16:00
 Operator : JC/MD
 Sample : P2928-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 19 08:12:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 19 07:57:22 2024
 Response via : Initial Calibration

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

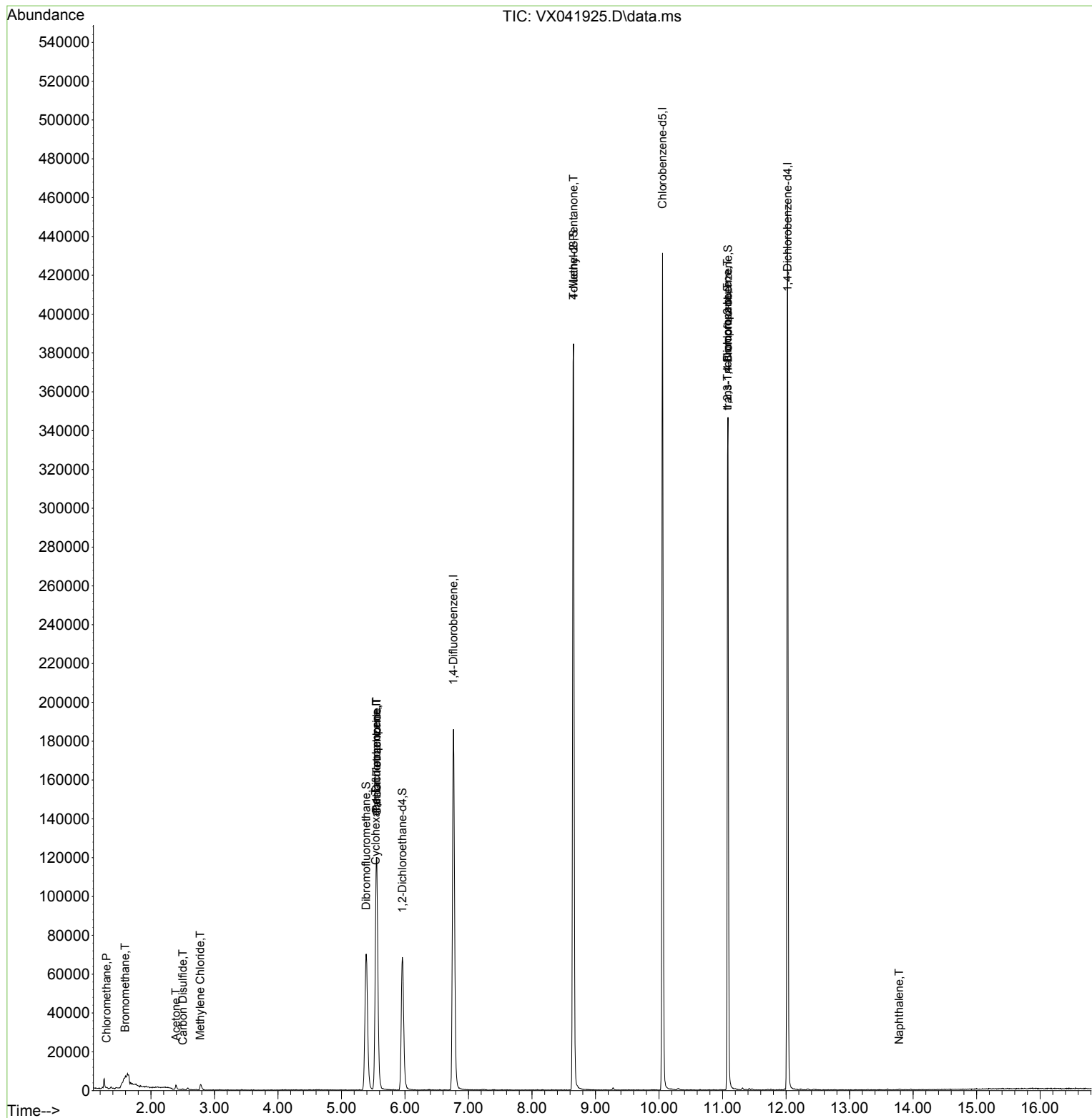
Internal Standards						
1) Pentafluorobenzene	5.550	168	134272	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	205991	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	208554	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106820	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	66362	42.860	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	85.720%
35) Dibromofluoromethane	5.385	113	63807	43.655	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.320%
50) Toluene-d8	8.653	98	245853	47.880	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.760%
62) 4-Bromofluorobenzene	11.085	95	92961	49.113	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.220%
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	463	0.361	ug/l #	87
5) Bromomethane	1.593	94	226	0.356	ug/l	82
6) Chloroethane	1.654	64	84	Below Cal	#	43
16) Acetone	2.392	43	2313	3.402	ug/l	95
17) Carbon Disulfide	2.501	76	610	0.258	ug/l #	76
20) Methylene Chloride	2.776	84	1522	1.022	ug/l #	82
31) Cyclohexane	5.537	56	1043	0.576	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	7894	5.086	ug/l #	50
38) Carbon Tetrachloride	5.556	117	11486	6.698	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	943	0.441	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	42223	21.773	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	42223	61.834	ug/l #	5
95) Naphthalene	13.780	128	668	0.834	ug/l #	69

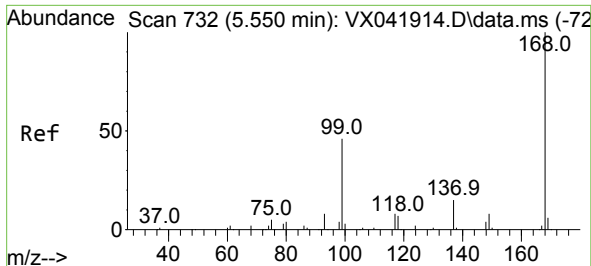
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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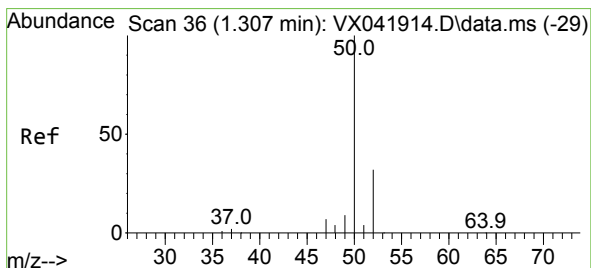
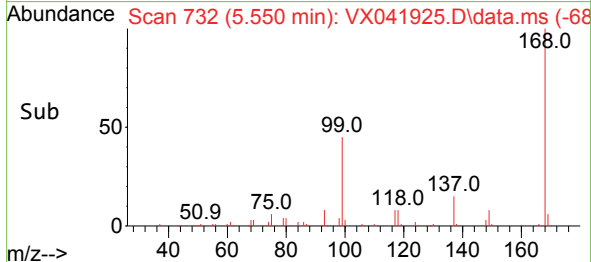
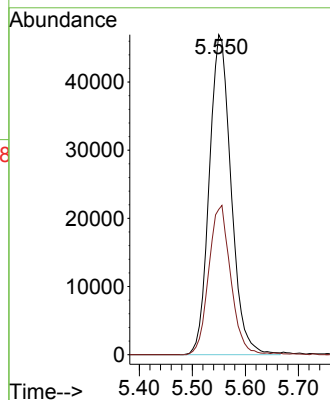
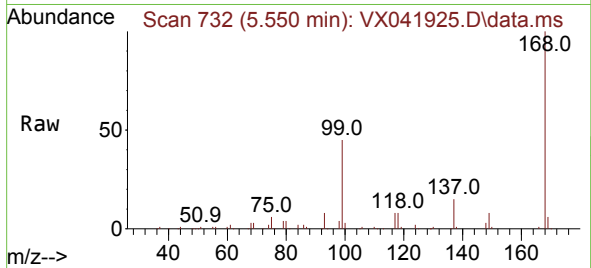




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041925.D
Acq: 18 Jun 2024 16:00

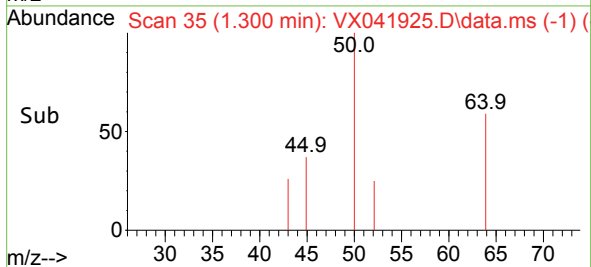
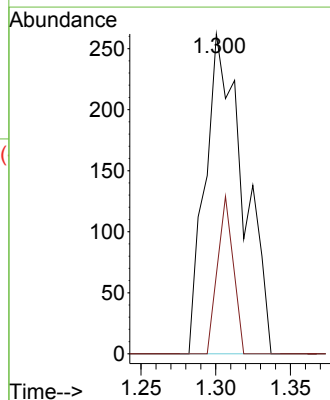
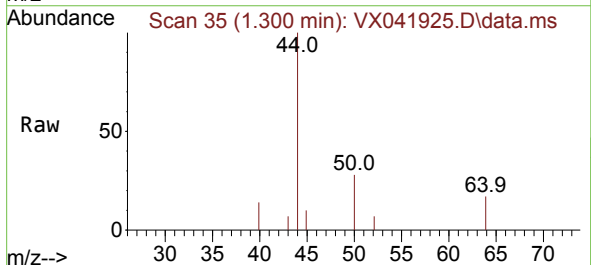
Instrument :
MSVOA_X
ClientSampleId :

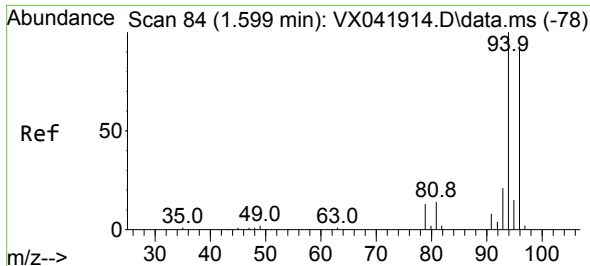
Tgt Ion:168 Resp: 134272
Ion Ratio Lower Upper
168 100
99 45.4 56.6 85.0#



#3
Chloromethane
Concen: 0.361 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX041925.D
Acq: 18 Jun 2024 16:00

Tgt Ion: 50 Resp: 463
Ion Ratio Lower Upper
50 100
52 24.8 25.5 38.3#

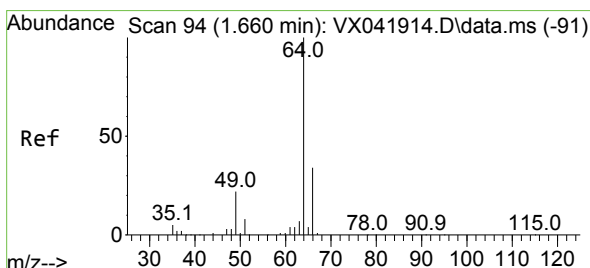
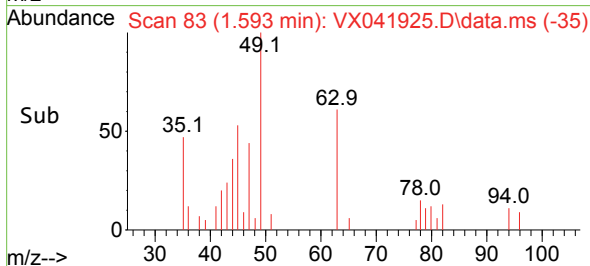
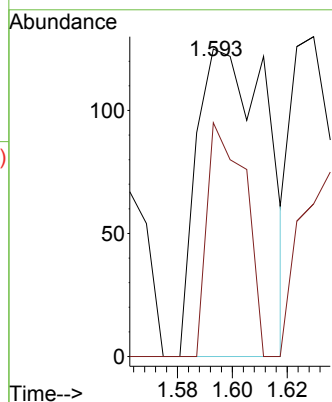
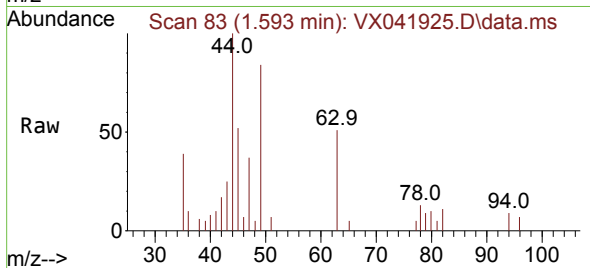




#5
Bromomethane
Concen: 0.356 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX041925.D
Acq: 18 Jun 2024 16:00

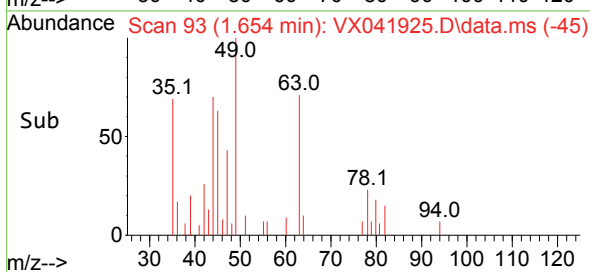
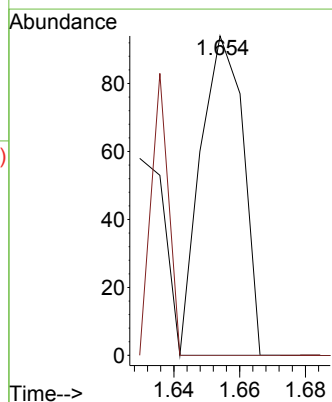
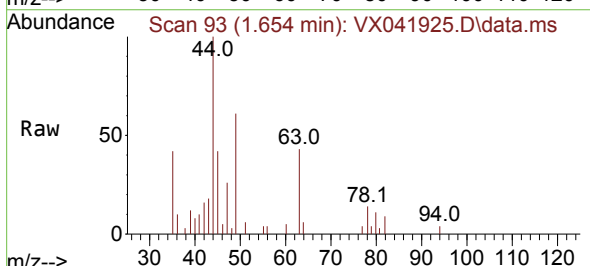
Instrument :
MSVOA_X
ClientSampleId :

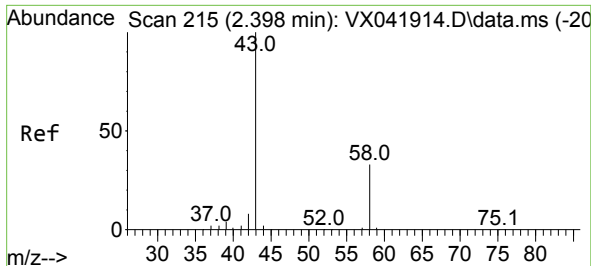
Tgt Ion: 94 Resp: 226
Ion Ratio Lower Upper
94 100
96 76.0 74.6 111.8



#6
Chloroethane
Concen: Below Cal
RT: 1.654 min Scan# 93
Delta R.T. -0.006 min
Lab File: VX041925.D
Acq: 18 Jun 2024 16:00

Tgt Ion: 64 Resp: 84
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

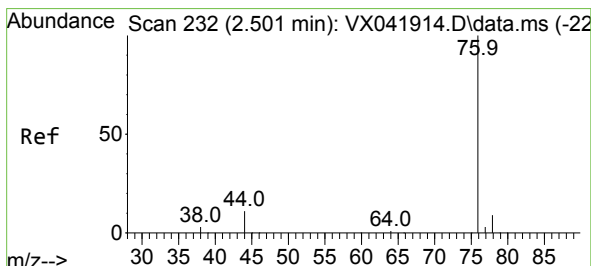
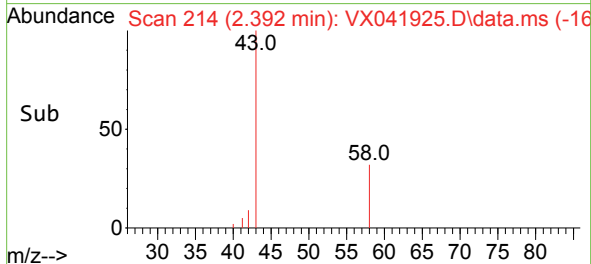
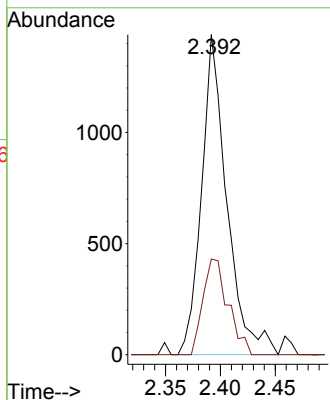
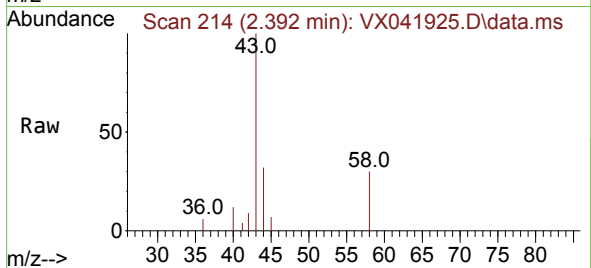




#16
Acetone
Concen: 3.402 ug/l
RT: 2.392 min Scan# 215
Delta R.T. -0.006 min
Lab File: VX041925.D
Acq: 18 Jun 2024 16:00

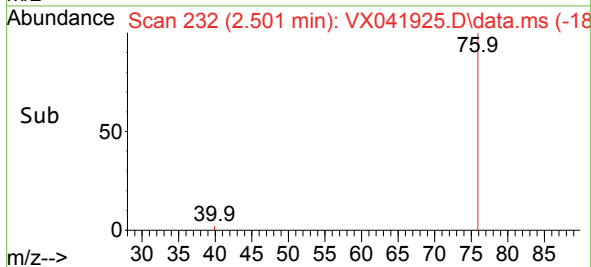
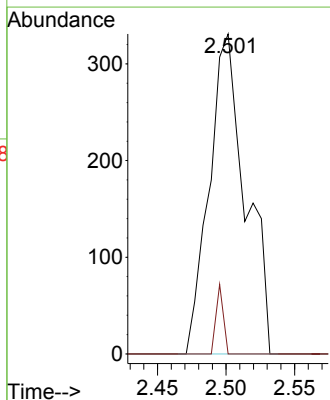
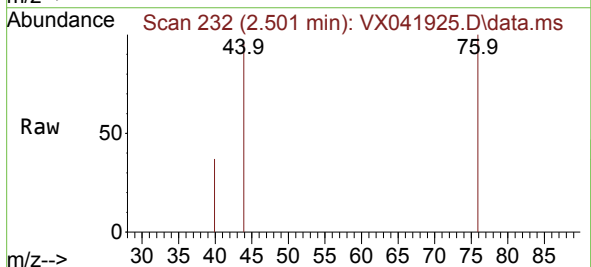
Instrument :
MSVOA_X
ClientSampleId :

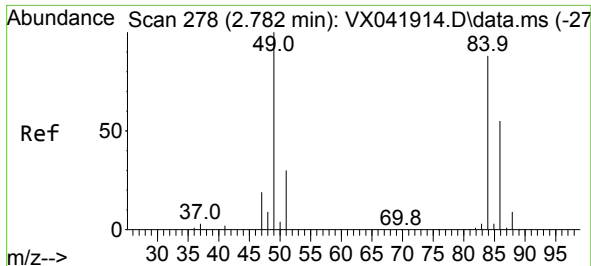
Tgt Ion: 43 Resp: 2313
Ion Ratio Lower Upper
43 100
58 29.9 21.9 32.9



#17
Carbon Disulfide
Concen: 0.258 ug/l
RT: 2.501 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX041925.D
Acq: 18 Jun 2024 16:00

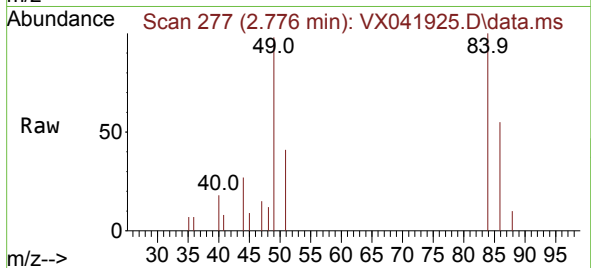
Tgt Ion: 76 Resp: 610
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#





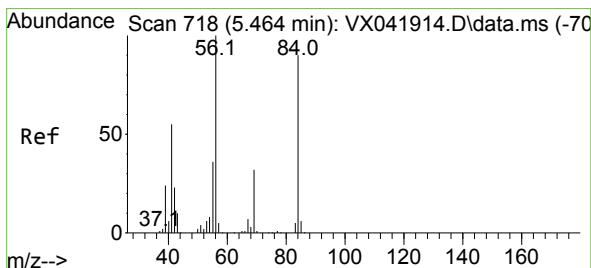
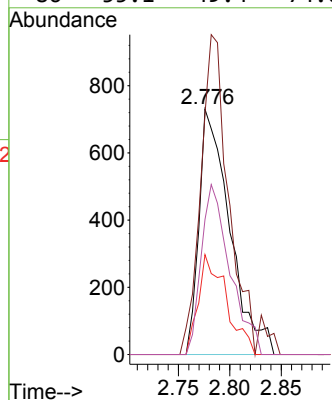
#20
Methylene Chloride
Concen: 1.022 ug/l
RT: 2.776 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX041925.D
Acq: 18 Jun 2024 16:00

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 1522

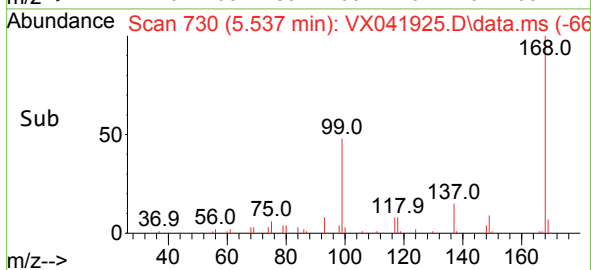
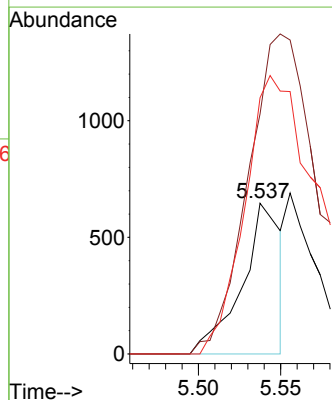
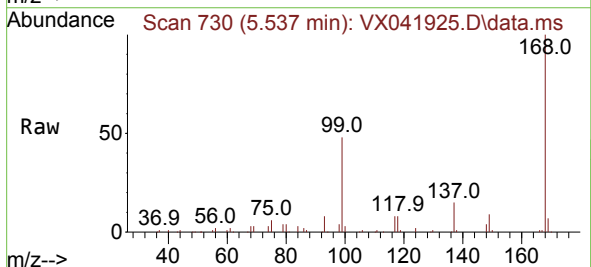
Ion	Ratio	Lower	Upper
84	100		
49	98.1	103.6	155.4#
51	40.7	33.8	50.6
86	55.1	49.4	74.0

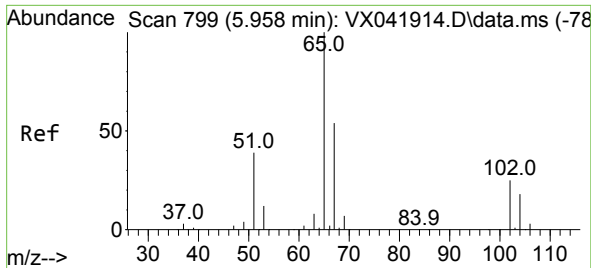


#31
Cyclohexane
Concen: 0.576 ug/l
RT: 5.537 min Scan# 730
Delta R.T. 0.073 min
Lab File: VX041925.D
Acq: 18 Jun 2024 16:00

Tgt Ion: 56 Resp: 1043

Ion	Ratio	Lower	Upper
56	100		
69	159.3	23.4	35.2#
84	170.0	65.9	98.9#

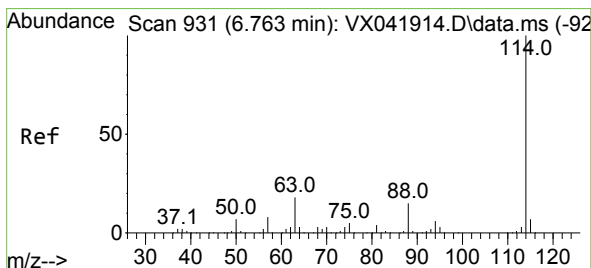
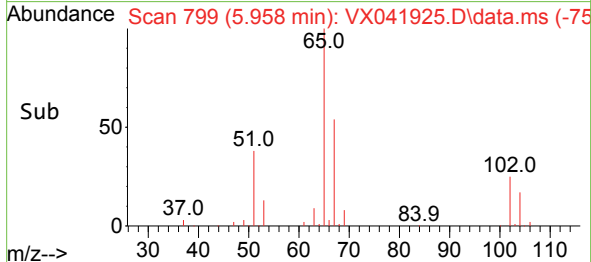
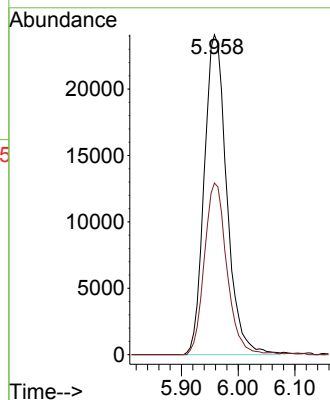
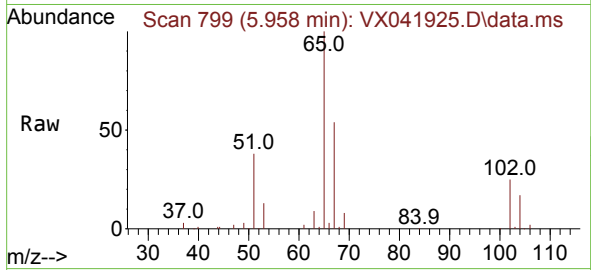




#33
 1,2-Dichloroethane-d4
 Concen: 42.860 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX041925.D
 Acq: 18 Jun 2024 16:00

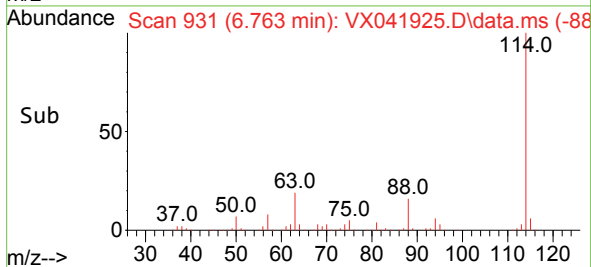
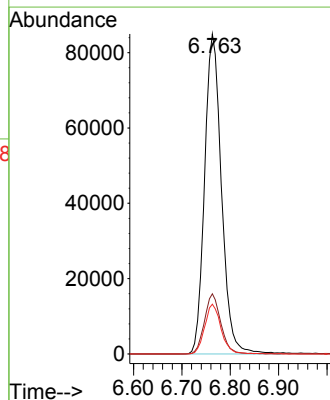
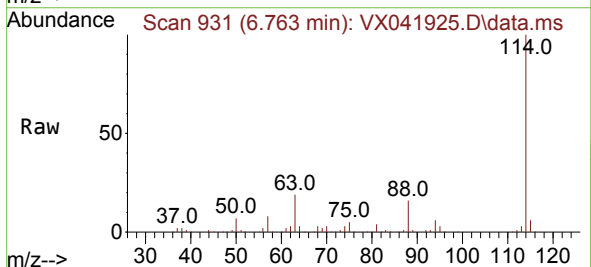
Instrument :
 MSVOA_X
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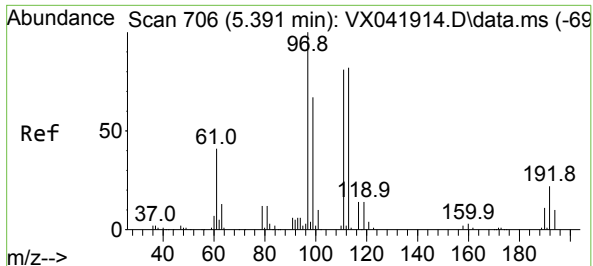
Tgt Ion: 65 Resp: 66362
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX041925.D
 Acq: 18 Jun 2024 16:00

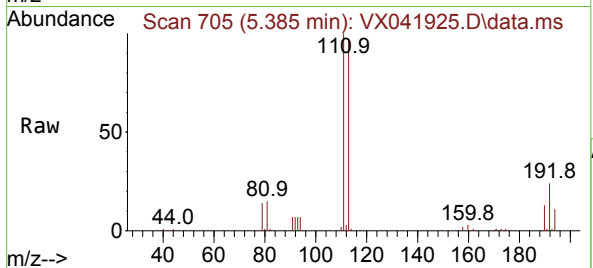
Tgt Ion: 114 Resp: 205991
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 45.0
 88 15.6 0.0 36.6



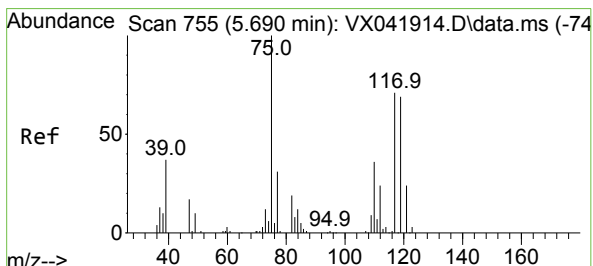
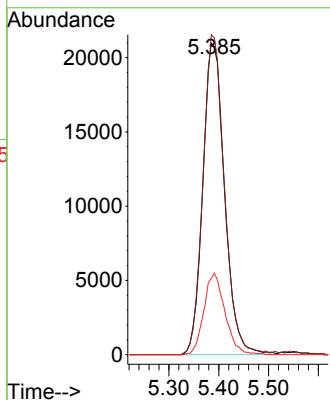
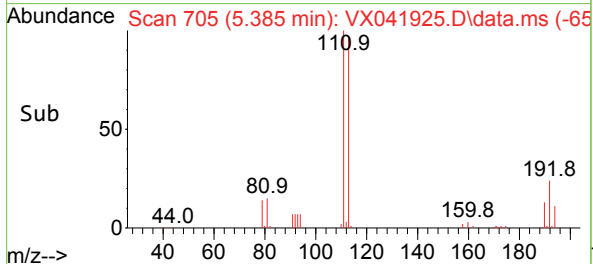


#35
Dibromofluoromethane
Concen: 43.655 ug/l
RT: 5.385 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX041925.D
Acq: 18 Jun 2024 16:00

Instrument :
MSVOA_X
ClientSampleId :

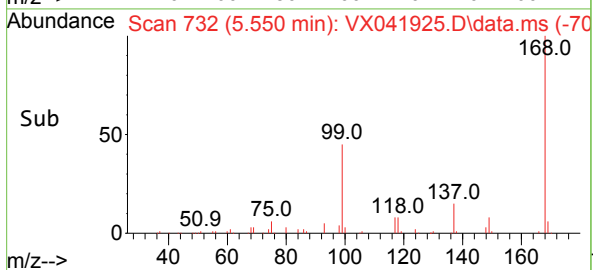
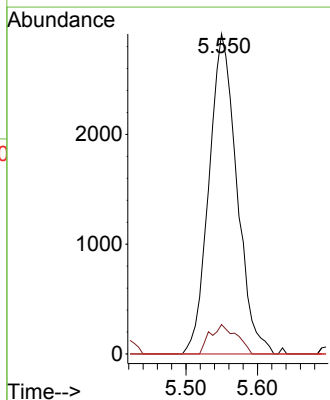
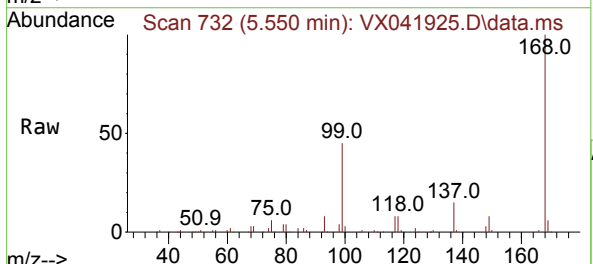


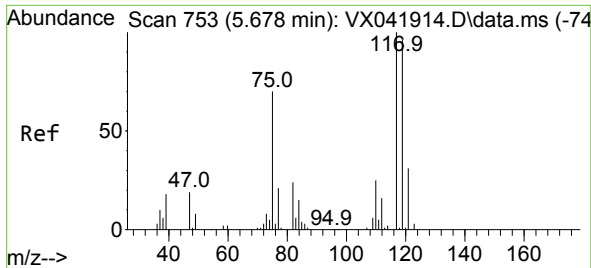
Tgt Ion:113 Resp: 63807
Ion Ratio Lower Upper
113 100
111 100.7 82.9 124.3
192 25.3 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 5.086 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX041925.D
Acq: 18 Jun 2024 16:00

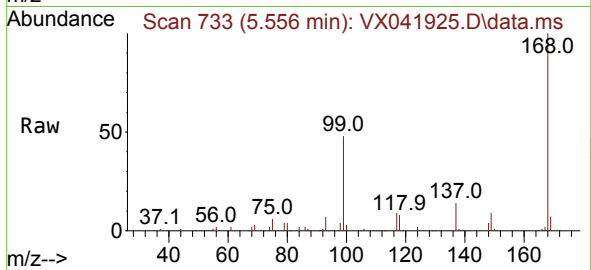
Tgt Ion: 75 Resp: 7894
Ion Ratio Lower Upper
75 100
110 8.7 17.0 50.9#
77 0.0 24.7 37.1#



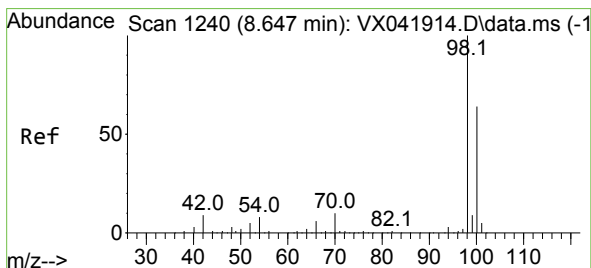
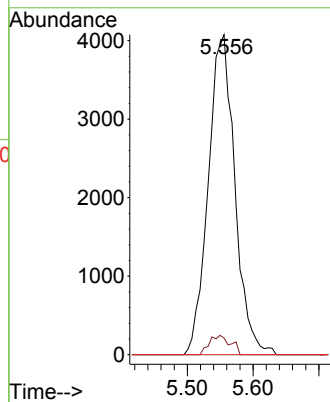
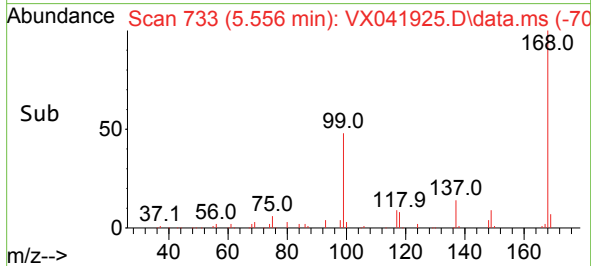


#38
Carbon Tetrachloride
Concen: 6.698 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX041925.D
Acq: 18 Jun 2024 16:00

Instrument :
MSVOA_X
ClientSampleId :

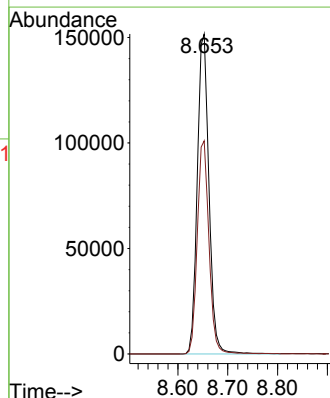
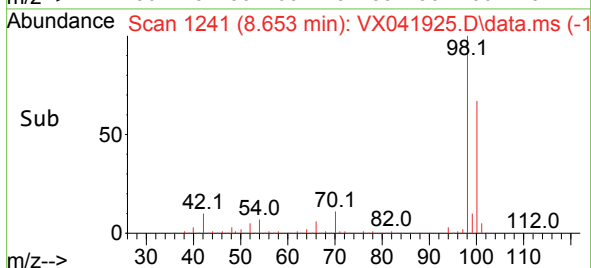
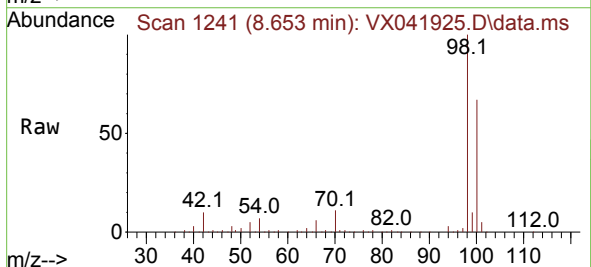


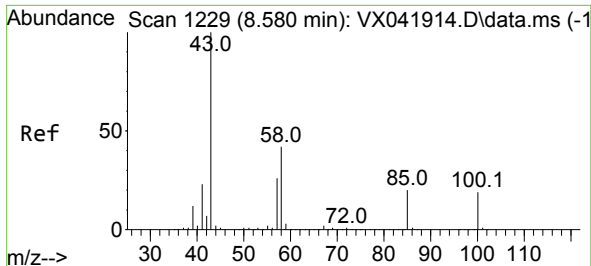
Tgt Ion:117 Resp: 11486
Ion Ratio Lower Upper
117 100
119 5.2 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 47.880 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX041925.D
Acq: 18 Jun 2024 16:00

Tgt Ion: 98 Resp: 245853
Ion Ratio Lower Upper
98 100
100 66.8 53.1 79.7

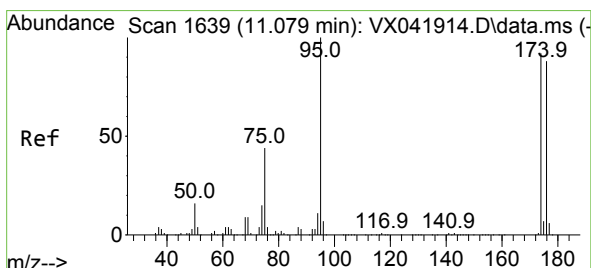
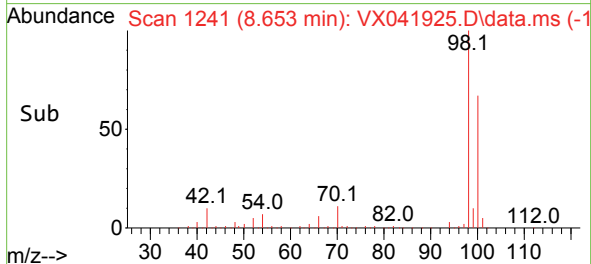
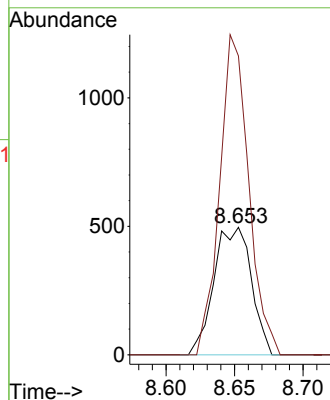
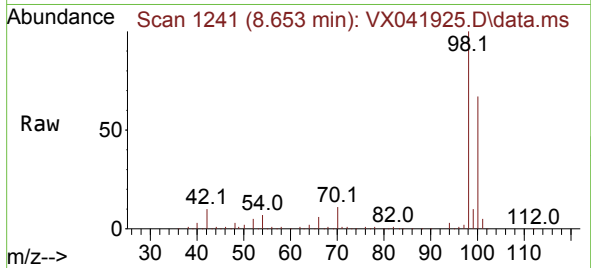




#51
4-Methyl-2-Pentanone
Concen: 0.441 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX041925.D
Acq: 18 Jun 2024 16:00

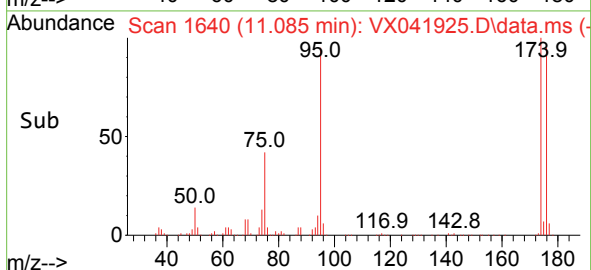
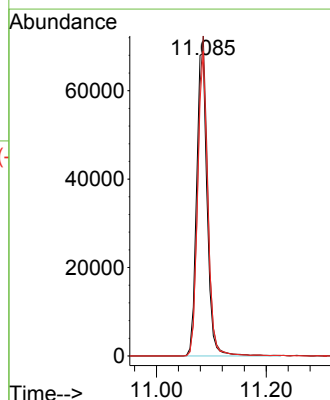
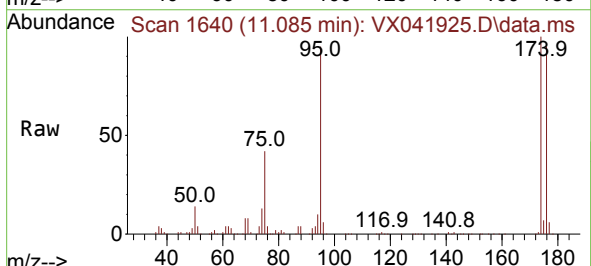
Instrument :
MSVOA_X
ClientSampleId :

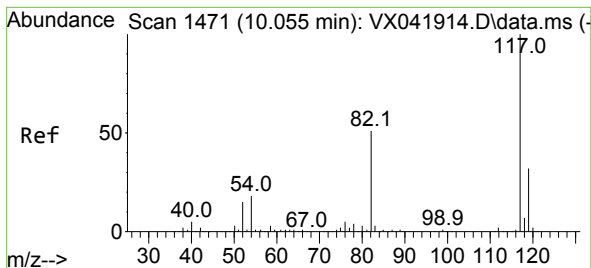
Tgt Ion: 43 Resp: 943
Ion Ratio Lower Upper
43 100
58 195.4 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 49.113 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX041925.D
Acq: 18 Jun 2024 16:00

Tgt Ion: 95 Resp: 92961
Ion Ratio Lower Upper
95 100
174 100.1 0.0 135.6
176 95.1 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: VX041925.D

Acq: 18 Jun 2024 16:00

Instrument :

MSVOA_X

ClientSampleId :

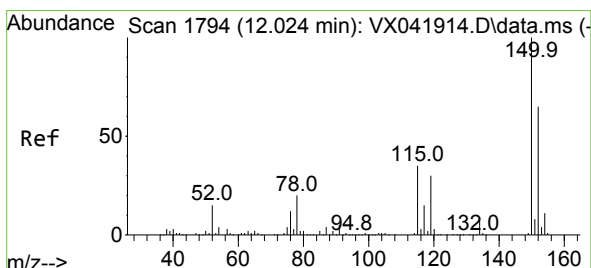
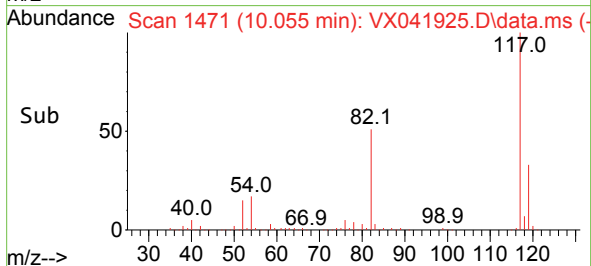
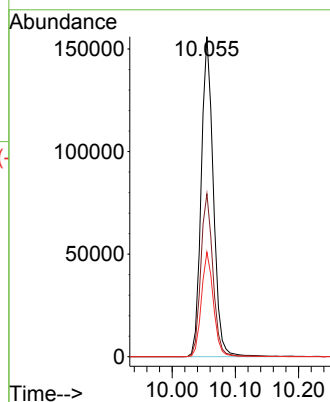
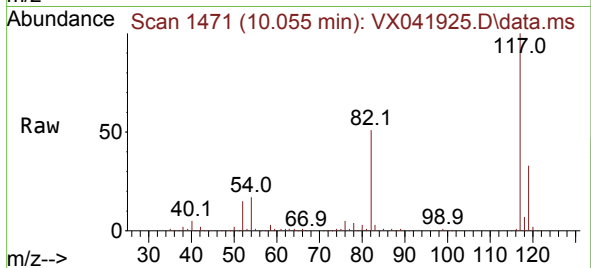
Tgt Ion:117 Resp: 208554

Ion Ratio Lower Upper

117 100

82 50.9 46.2 69.4

119 32.6 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: VX041925.D

Acq: 18 Jun 2024 16:00

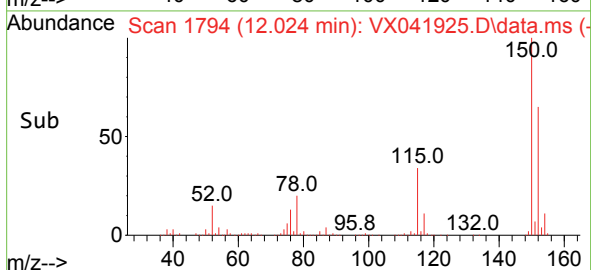
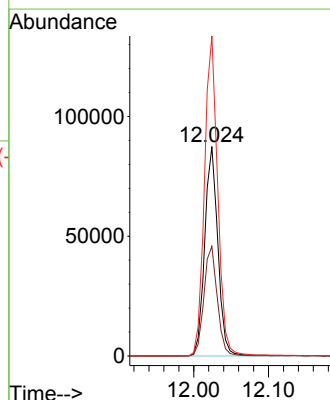
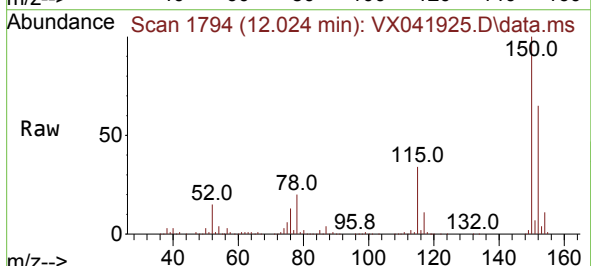
Tgt Ion:152 Resp: 106820

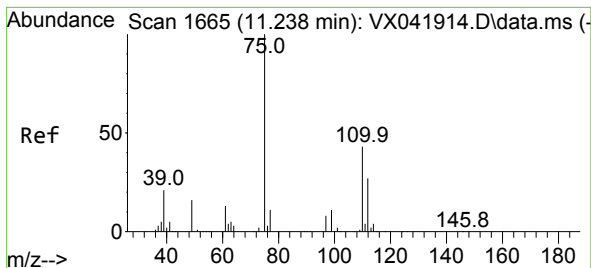
Ion Ratio Lower Upper

152 100

115 53.5 43.3 129.9

150 154.5 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 21.773 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX041925.D

Acq: 18 Jun 2024 16:00

Instrument :

MSVOA_X

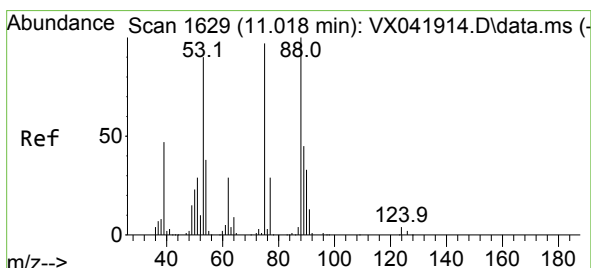
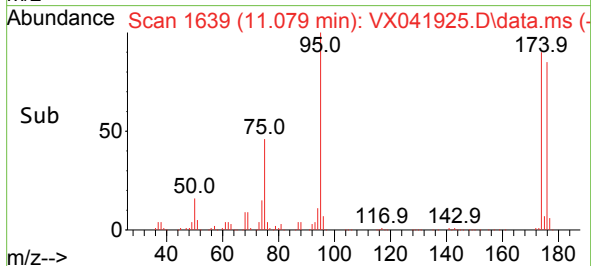
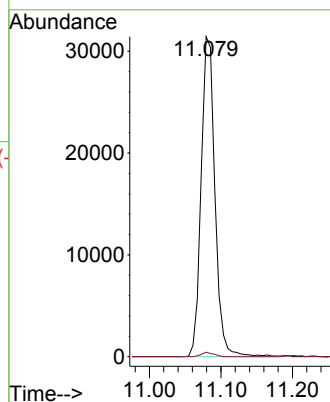
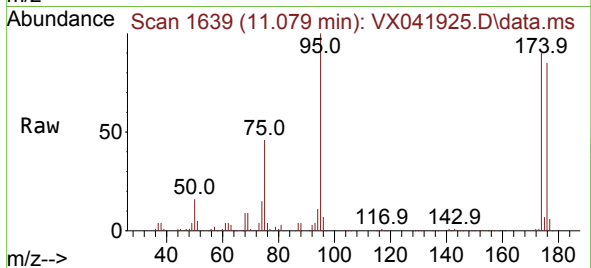
ClientSampleId :

Tgt Ion: 75 Resp: 42223

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 61.834 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041925.D

Acq: 18 Jun 2024 16:00

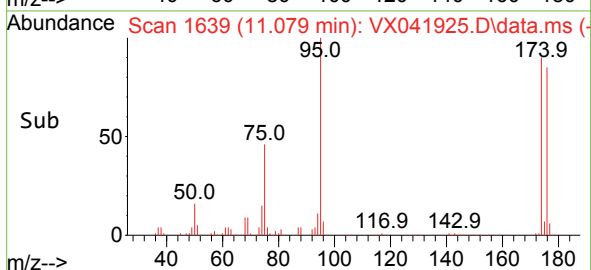
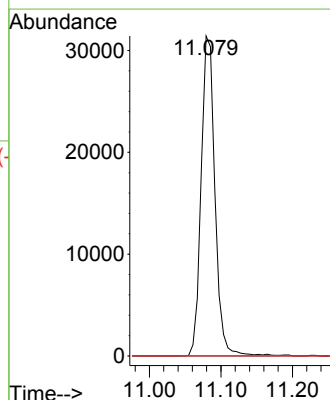
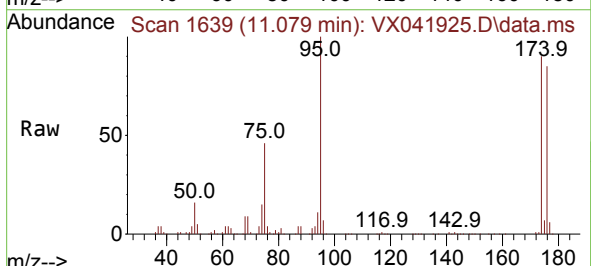
Tgt Ion: 75 Resp: 42223

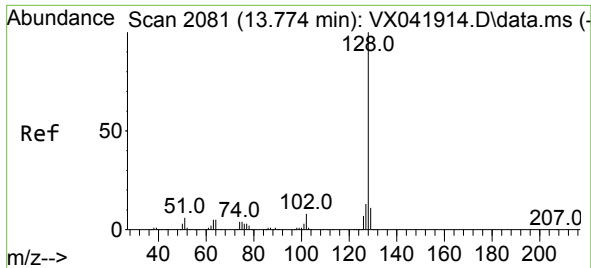
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

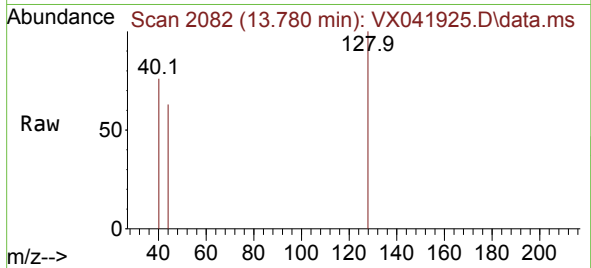
89 0.0 36.9 55.3#





#95
Naphthalene
Concen: 0.834 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX041925.D
Acq: 18 Jun 2024 16:00

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:	128	Resp:	668
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.8	13.2#

