

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062524\
 Data File : VX042037.D
 Acq On : 25 Jun 2024 17:07
 Operator : JC/MD
 Sample : P3056-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 26 05:41:20 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)

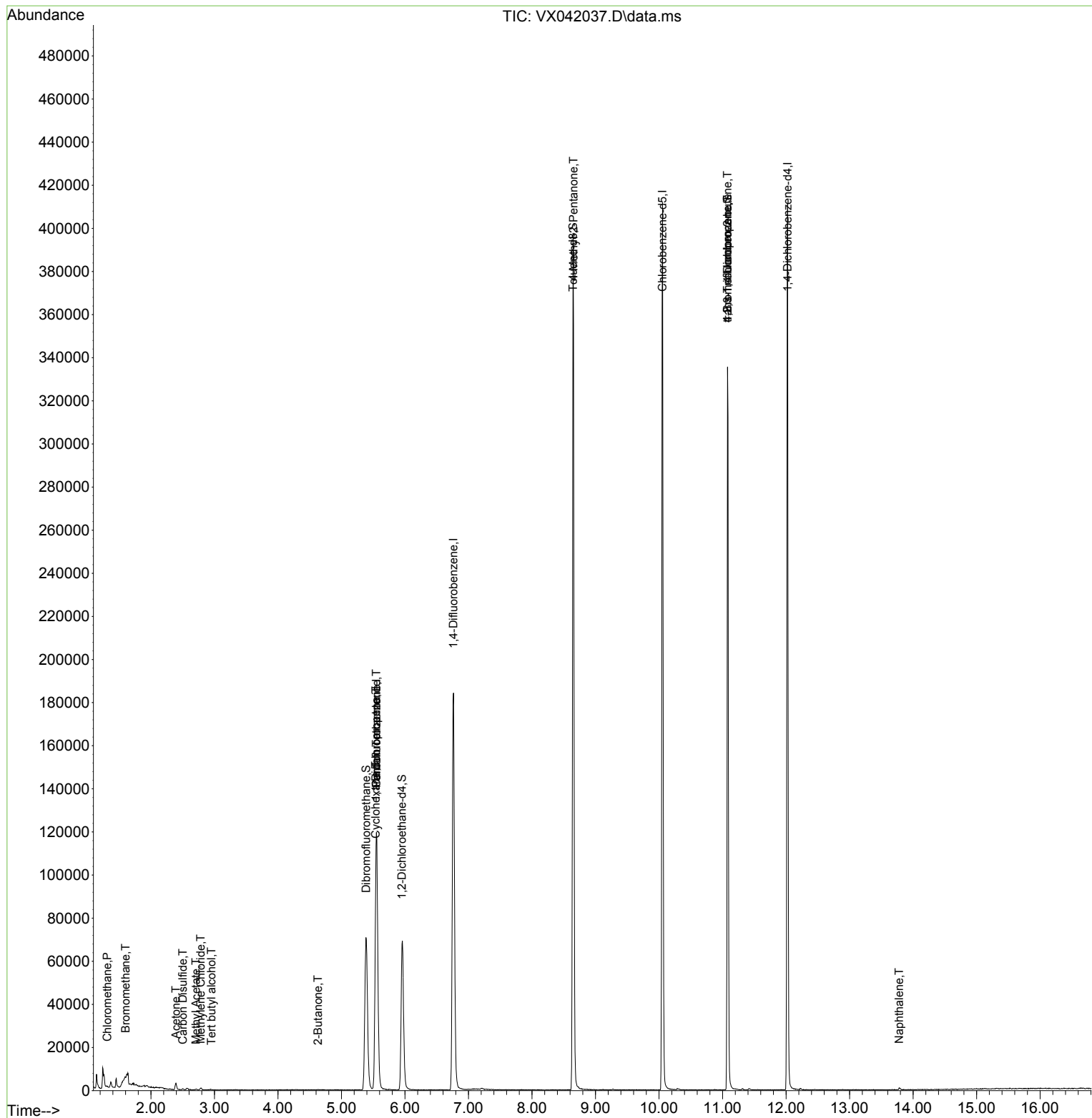
Internal Standards						
1) Pentafluorobenzene	5.550	168	133279	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	205856	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	205474	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97776	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	67826	44.132	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.260%
35) Dibromofluoromethane	5.385	113	64105	43.888	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.780%
50) Toluene-d8	8.647	98	241766	47.115	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.240%
62) 4-Bromofluorobenzene	11.079	95	89053	47.079	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.160%
Target Compounds						
						Qvalue
3) Chloromethane	1.313	50	573	0.450	ug/l	96
5) Bromomethane	1.599	94	134	0.213	ug/l	# 3
6) Chloroethane	1.648	64	176	Below Cal	#	43
11) Tert butyl alcohol	2.953	59	74	0.254	ug/l	# 78
16) Acetone	2.392	43	3484	5.163	ug/l	92
17) Carbon Disulfide	2.502	76	472	0.201	ug/l	# 76
18) Methyl Acetate	2.709	43	450	0.244	ug/l	# 53
20) Methylene Chloride	2.782	84	545	0.369	ug/l	# 55
25) 2-Butanone	4.629	43	277	0.264	ug/l	# 51
31) Cyclohexane	5.538	56	1812	1.008	ug/l	# 1
36) 1,1-Dichloropropene	5.544	75	7473	4.818	ug/l	# 50
38) Carbon Tetrachloride	5.550	117	11524	6.724	ug/l	# 16
51) 4-Methyl-2-Pentanone	8.653	43	931	0.436	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	40044	22.560	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	40044	64.067	ug/l	# 5
95) Naphthalene	13.780	128	1131	0.907	ug/l	# 94

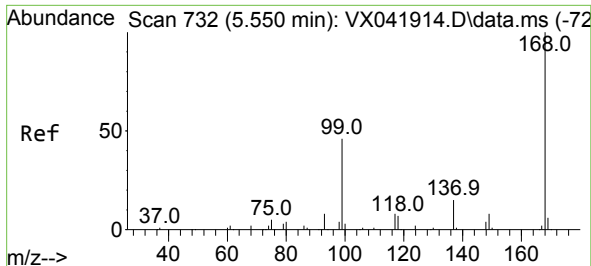
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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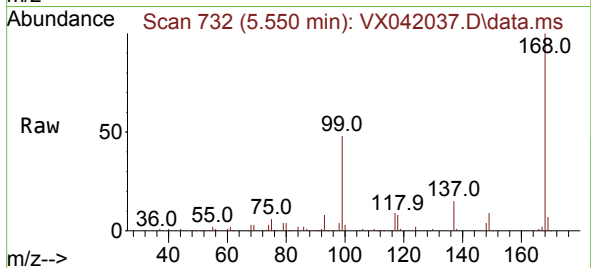
Quant Time: Jun 26 05:41:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 21 23:51:58 2024
Response via : Initial Calibration



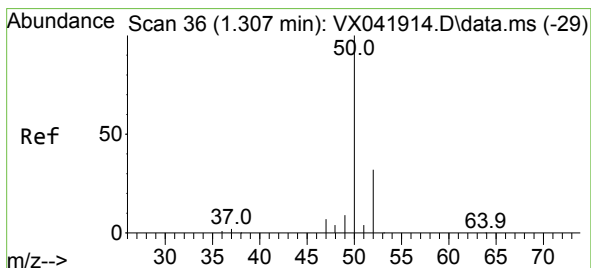
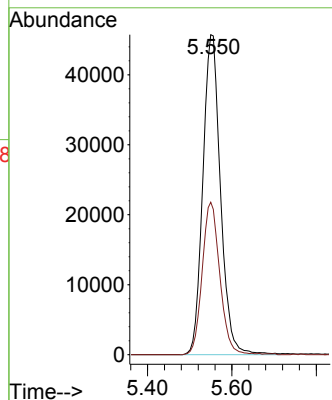
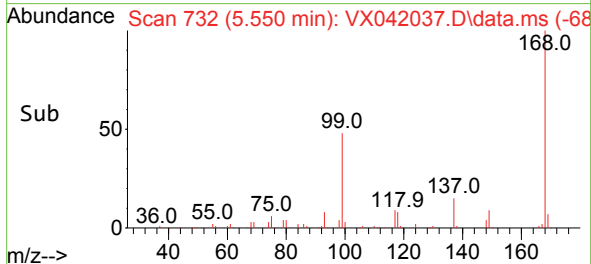


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042037.D
Acq: 25 Jun 2024 17:07

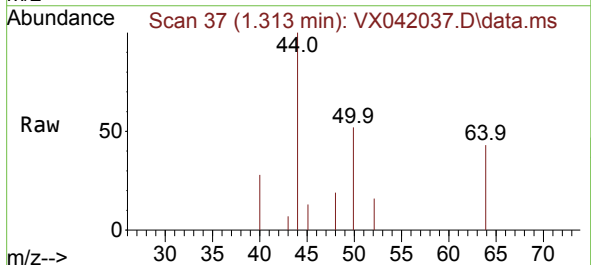
Instrument :
MSVOA_X
ClientSampleId :



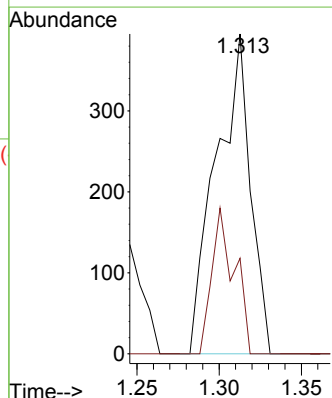
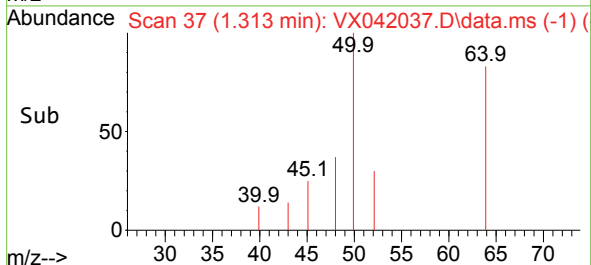
Tgt Ion:168 Resp: 133279
Ion Ratio Lower Upper
168 100
99 47.6 56.6 85.0#

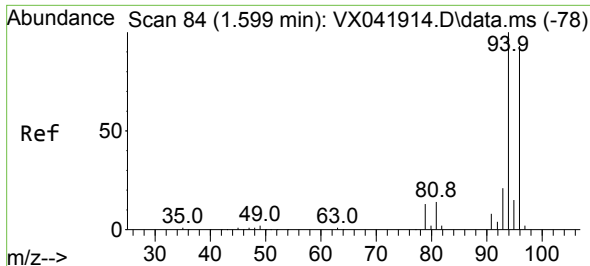


#3
Chloromethane
Concen: 0.450 ug/l
RT: 1.313 min Scan# 37
Delta R.T. 0.006 min
Lab File: VX042037.D
Acq: 25 Jun 2024 17:07



Tgt Ion: 50 Resp: 573
Ion Ratio Lower Upper
50 100
52 29.9 25.5 38.3

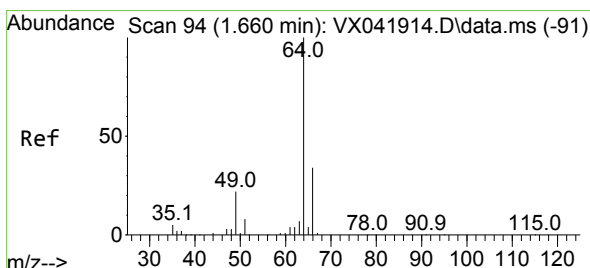
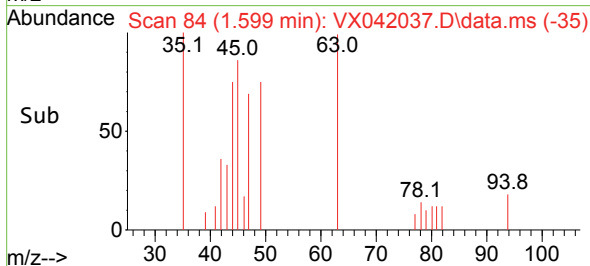
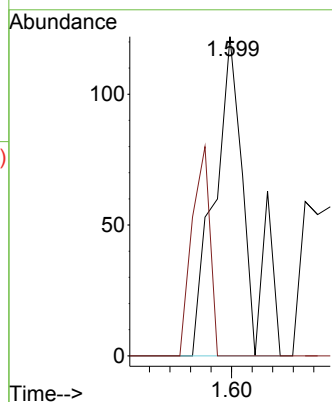
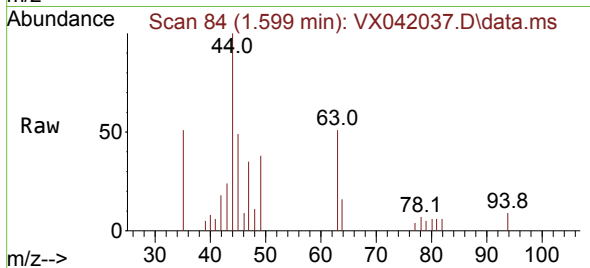




#5
Bromomethane
Concen: 0.213 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX042037.D
Acq: 25 Jun 2024 17:07

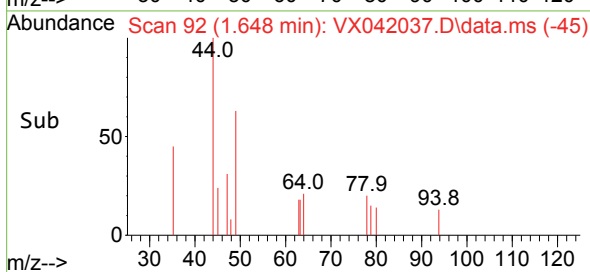
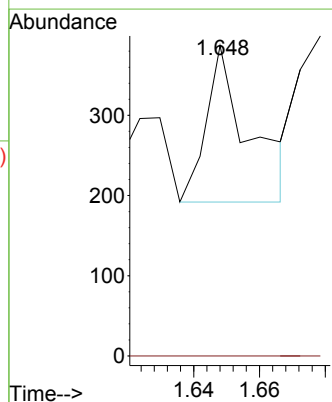
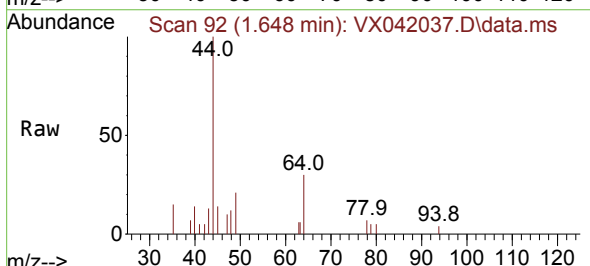
Instrument :
MSVOA_X
ClientSampleId :

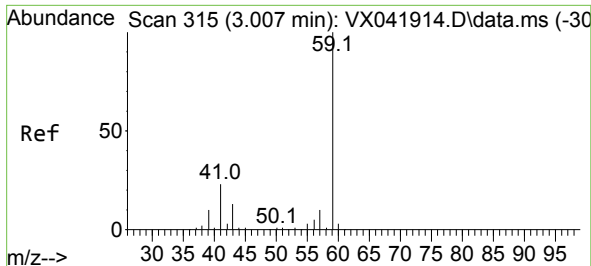
Tgt Ion: 94 Resp: 134
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



#6
Chloroethane
Concen: Below Cal
RT: 1.648 min Scan# 92
Delta R.T. -0.012 min
Lab File: VX042037.D
Acq: 25 Jun 2024 17:07

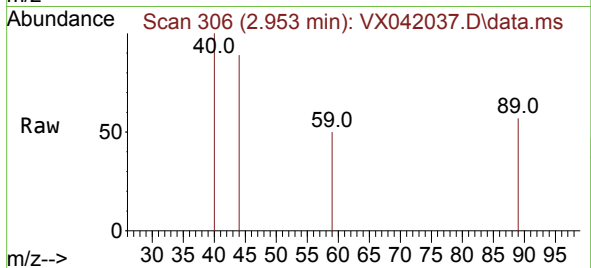
Tgt Ion: 64 Resp: 176
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



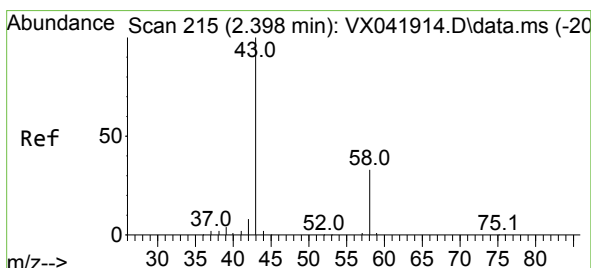
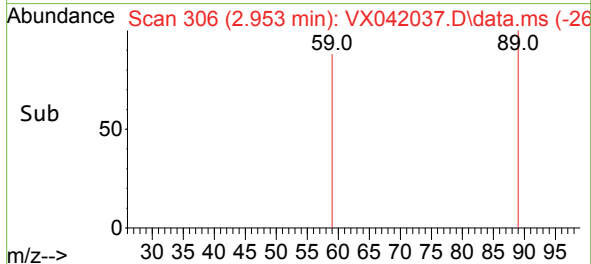
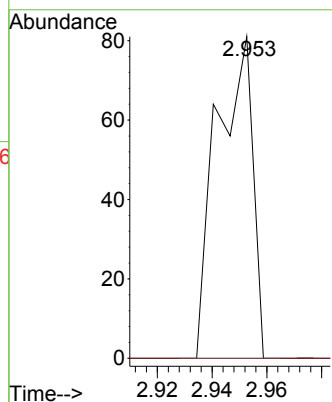


#11
Tert butyl alcohol
Concen: 0.254 ug/l
RT: 2.953 min Scan# 30
Delta R.T. -0.055 min
Lab File: VX042037.D
Acq: 25 Jun 2024 17:07

Instrument :
MSVOA_X
ClientSampleId :

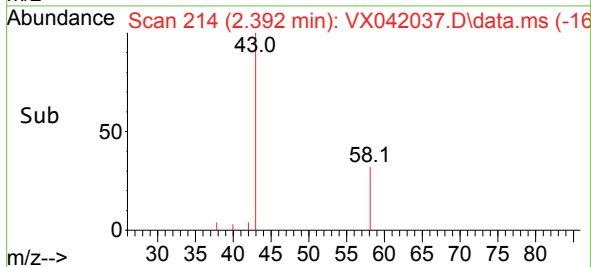
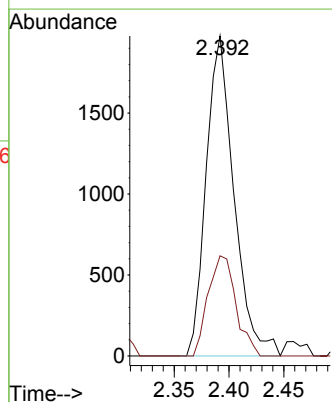
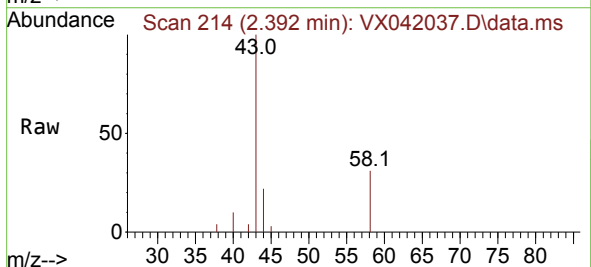


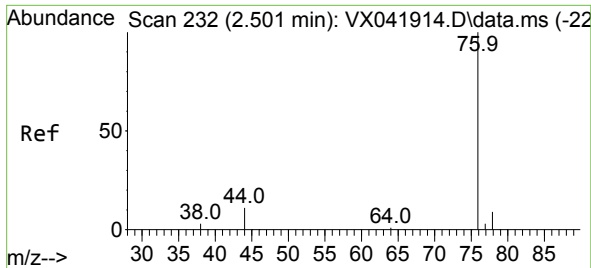
Tgt Ion: 59 Resp: 74
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#16
Acetone
Concen: 5.163 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX042037.D
Acq: 25 Jun 2024 17:07

Tgt Ion: 43 Resp: 3484
Ion Ratio Lower Upper
43 100
58 31.3 21.9 32.9





#17

Carbon Disulfide

Concen: 0.201 ug/l

RT: 2.502 min Scan# 21

Delta R.T. 0.000 min

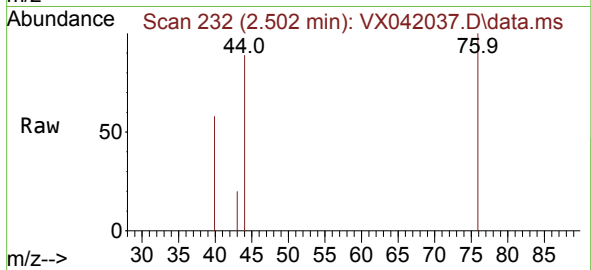
Lab File: VX042037.D

Acq: 25 Jun 2024 17:07

Instrument :

MSVOA_X

ClientSampleId :

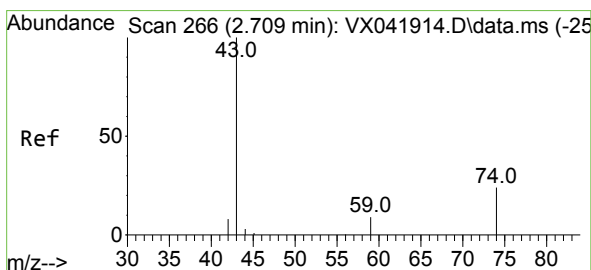
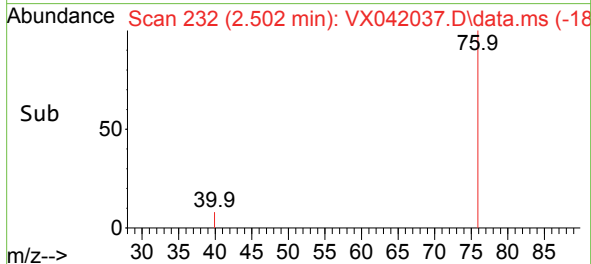
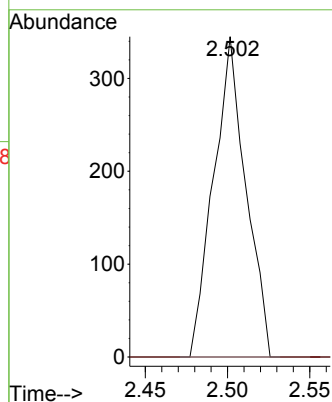


Tgt Ion: 76 Resp: 472

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#18

Methyl Acetate

Concen: 0.244 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.000 min

Lab File: VX042037.D

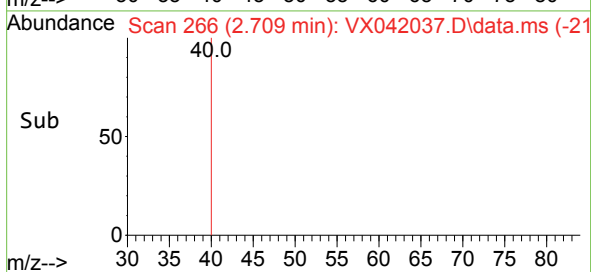
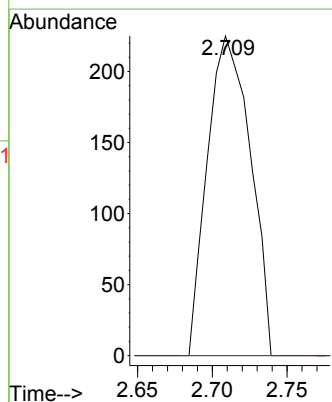
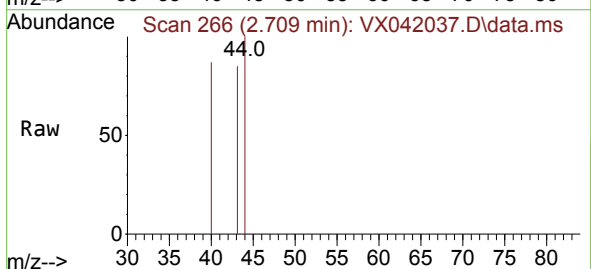
Acq: 25 Jun 2024 17:07

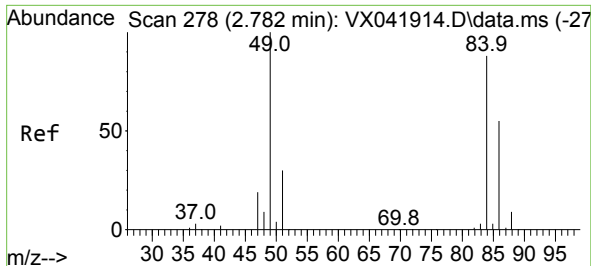
Tgt Ion: 43 Resp: 450

Ion Ratio Lower Upper

43 100

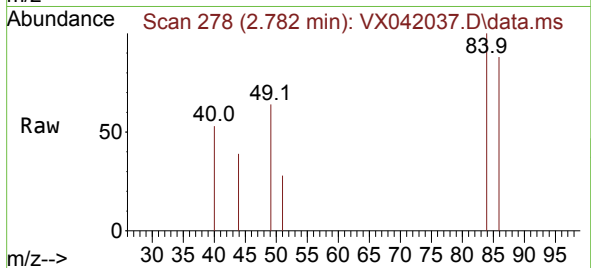
74 0.0 17.8 26.8#



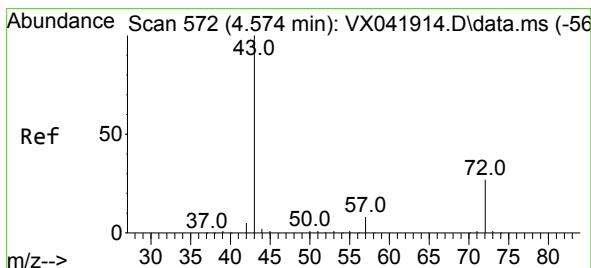
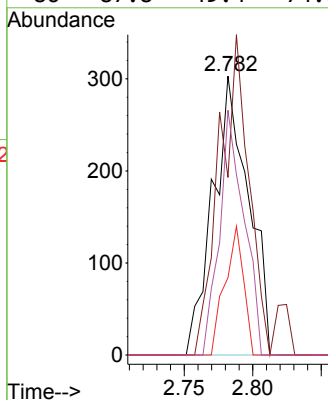
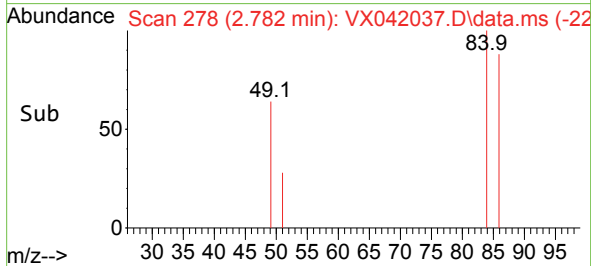


#20
Methylene Chloride
Concen: 0.369 ug/l
RT: 2.782 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX042037.D
Acq: 25 Jun 2024 17:07

Instrument :
MSVOA_X
ClientSampleId :

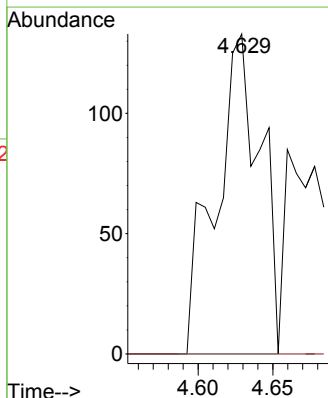
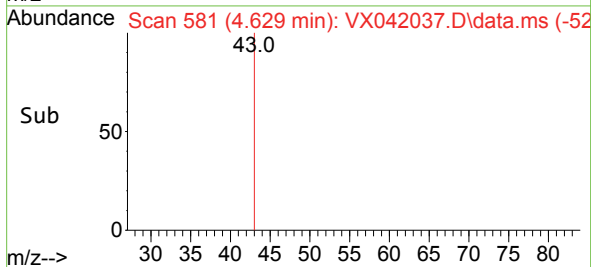
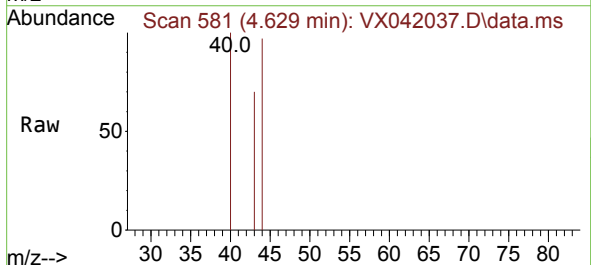


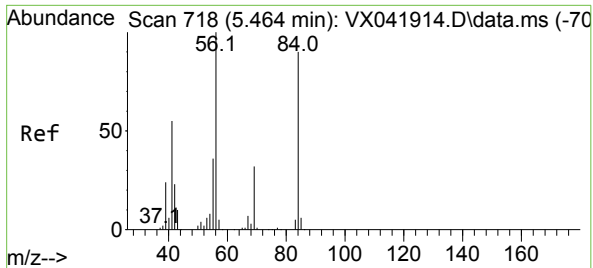
Tgt Ion: 84 Resp: 545
Ion Ratio Lower Upper
84 100
49 63.7 103.6 155.4#
51 27.7 33.8 50.6#
86 87.8 49.4 74.0#



#25
2-Butanone
Concen: 0.264 ug/l
RT: 4.629 min Scan# 581
Delta R.T. 0.055 min
Lab File: VX042037.D
Acq: 25 Jun 2024 17:07

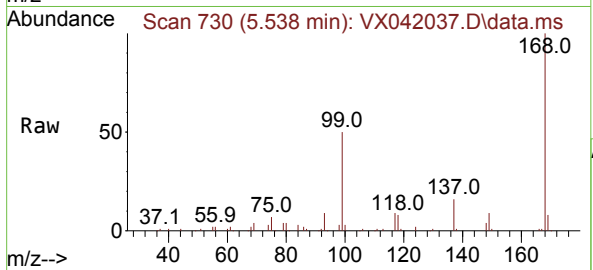
Tgt Ion: 43 Resp: 277
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



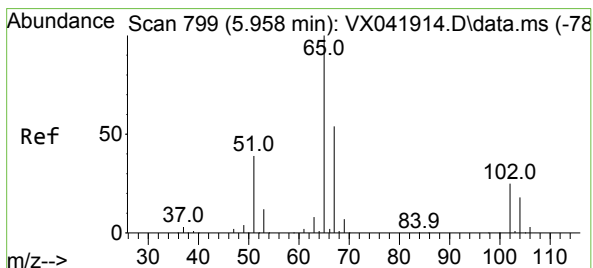
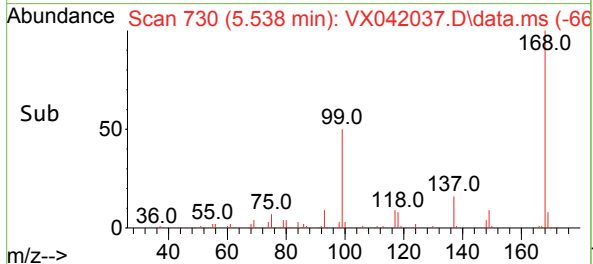
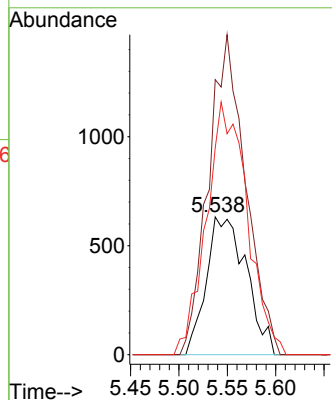


#31
Cyclohexane
Concen: 1.008 ug/l
RT: 5.538 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX042037.D
Acq: 25 Jun 2024 17:07

Instrument :
MSVOA_X
ClientSampleId :

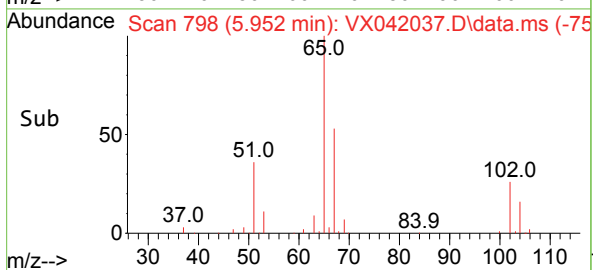
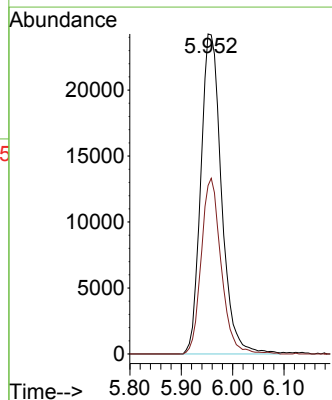
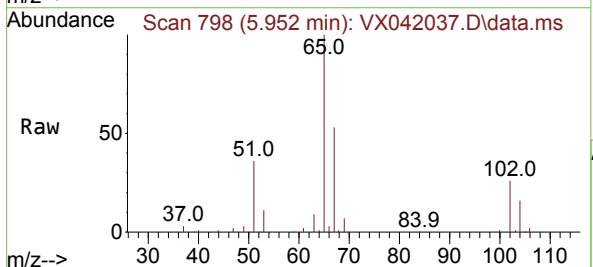


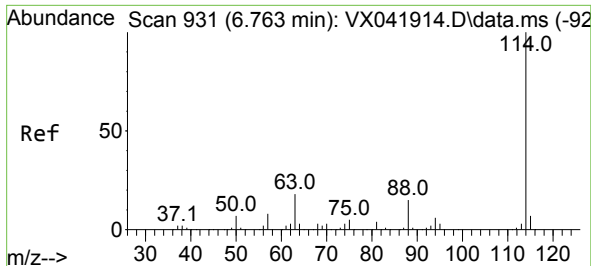
Tgt Ion: 56 Resp: 1812
Ion Ratio Lower Upper
56 100
69 199.7 23.4 35.2#
84 140.8 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 44.132 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX042037.D
Acq: 25 Jun 2024 17:07

Tgt Ion: 65 Resp: 67826
Ion Ratio Lower Upper
65 100
67 52.8 0.0 100.2

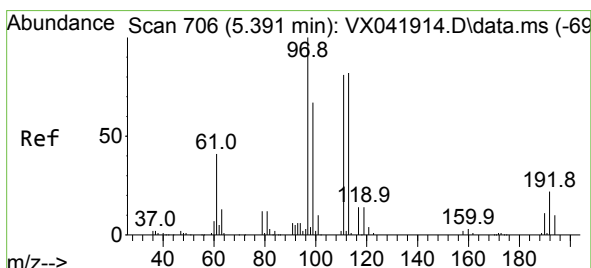
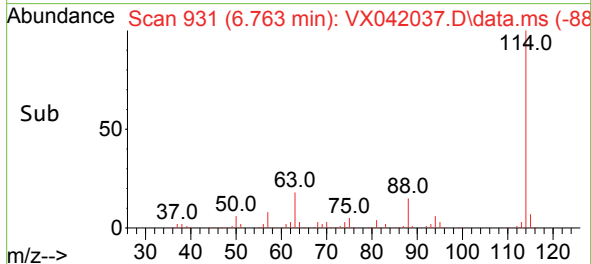
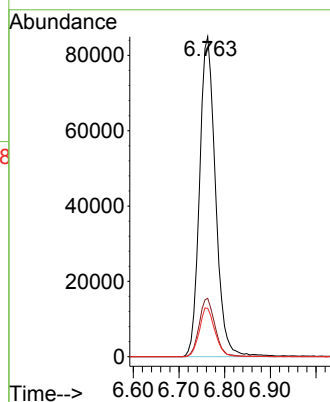
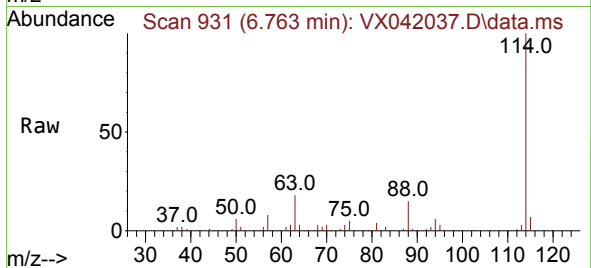




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX042037.D
Acq: 25 Jun 2024 17:07

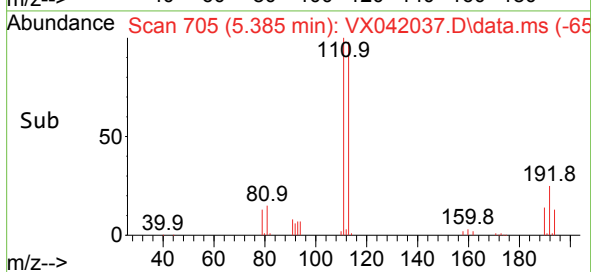
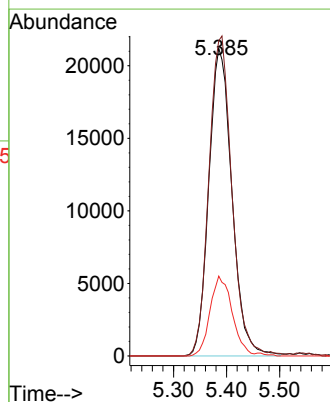
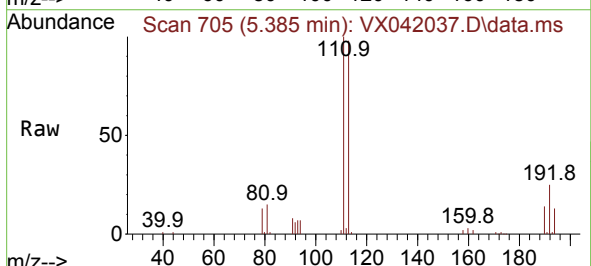
Instrument :
MSVOA_X
ClientSampleId :

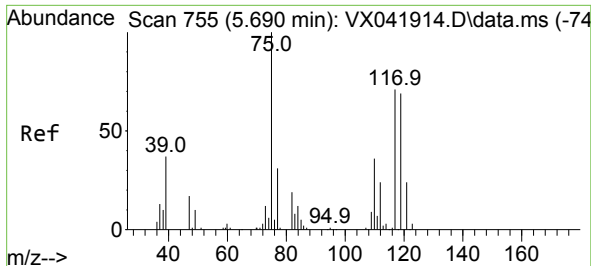
Tgt Ion:114 Resp: 205856
Ion Ratio Lower Upper
114 100
63 18.2 0.0 45.0
88 15.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 43.888 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042037.D
Acq: 25 Jun 2024 17:07

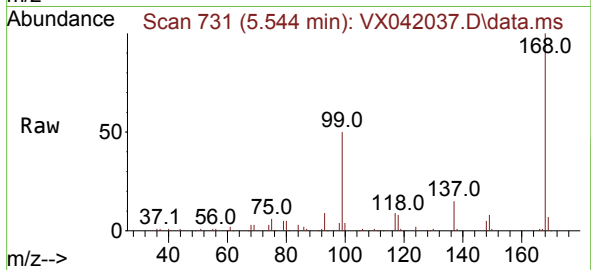
Tgt Ion:113 Resp: 64105
Ion Ratio Lower Upper
113 100
111 103.4 82.9 124.3
192 24.9 13.3 19.9#



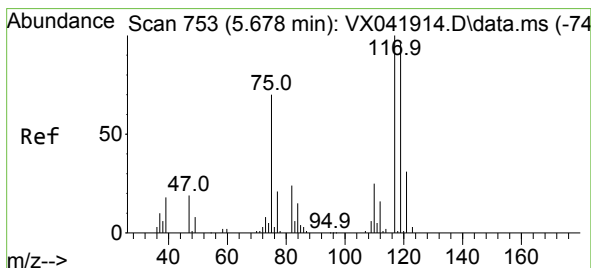
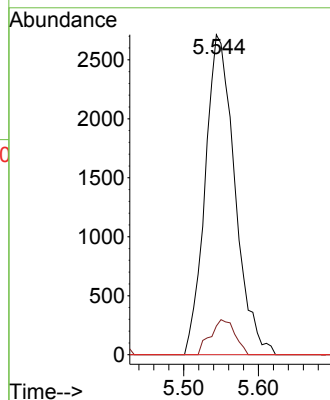
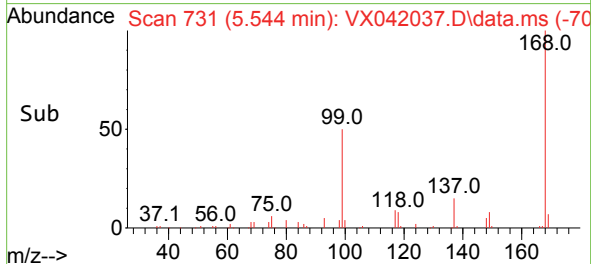


#36
1,1-Dichloropropene
Concen: 4.818 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX042037.D
Acq: 25 Jun 2024 17:07

Instrument :
MSVOA_X
ClientSampleId :

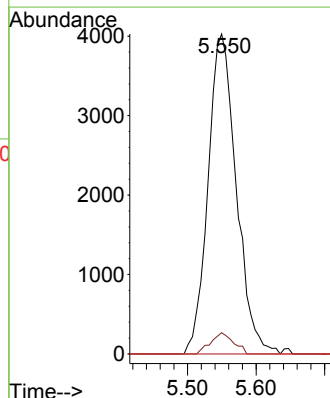
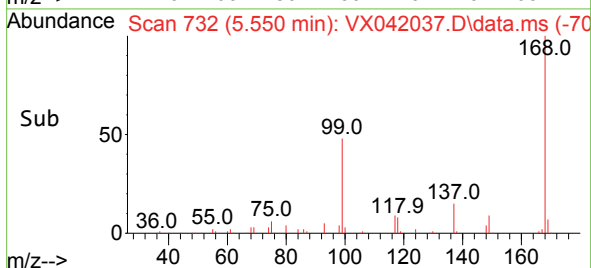
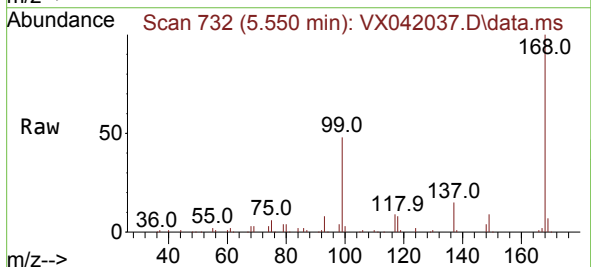


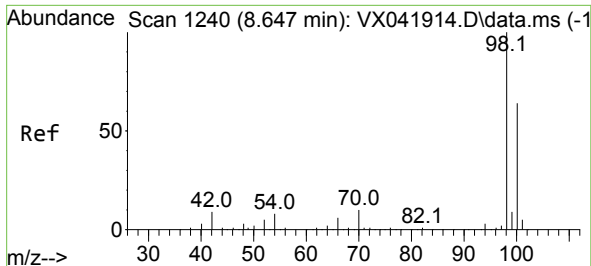
Tgt Ion: 75 Resp: 7473
Ion Ratio Lower Upper
75 100
110 9.1 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.724 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX042037.D
Acq: 25 Jun 2024 17:07

Tgt Ion: 117 Resp: 11524
Ion Ratio Lower Upper
117 100
119 6.7 78.2 117.2#
121 0.0 24.4 36.6#

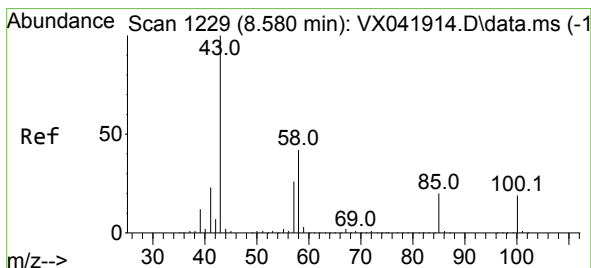
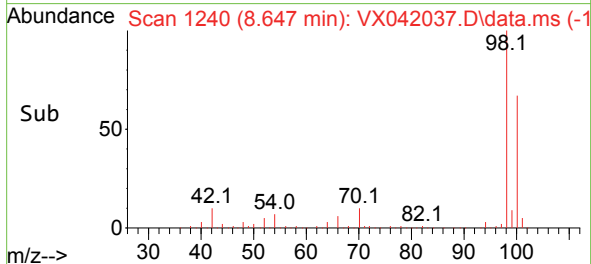
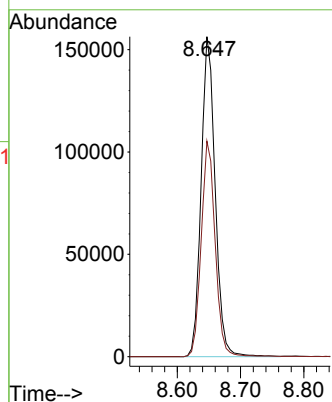
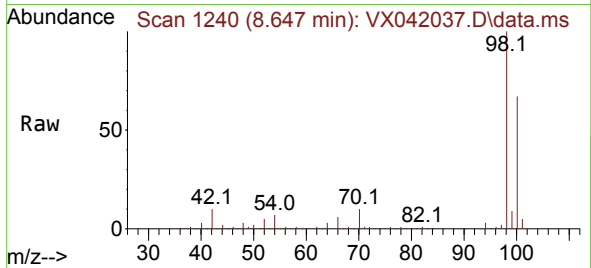




#50
Toluene-d8
Concen: 47.115 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042037.D
Acq: 25 Jun 2024 17:07

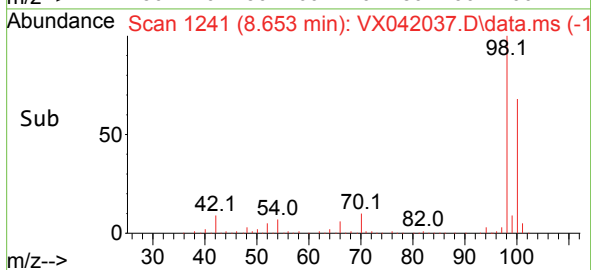
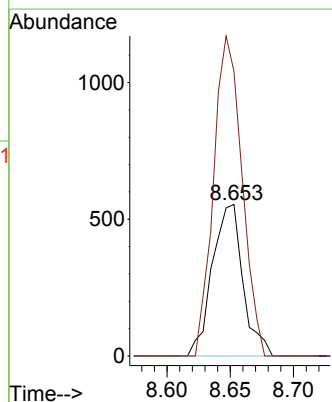
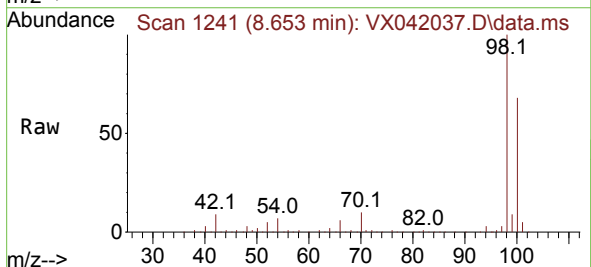
Instrument :
MSVOA_X
ClientSampleId :

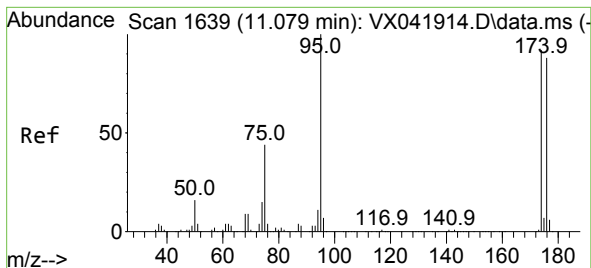
Tgt Ion: 98 Resp: 241766
Ion Ratio Lower Upper
98 100
100 67.2 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.436 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX042037.D
Acq: 25 Jun 2024 17:07

Tgt Ion: 43 Resp: 931
Ion Ratio Lower Upper
43 100
58 196.5 30.4 45.6#

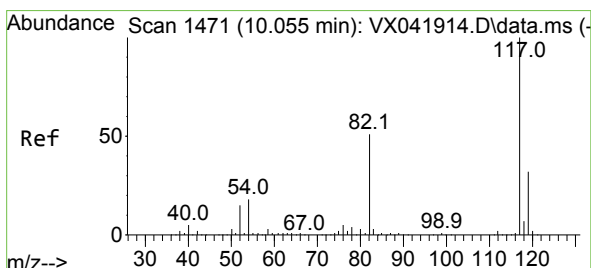
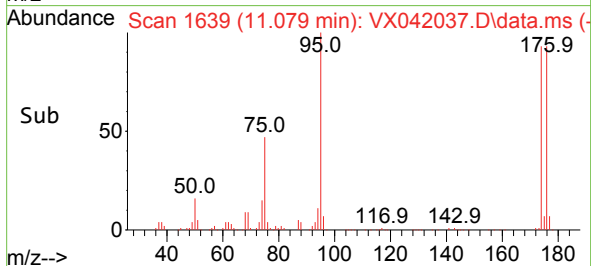
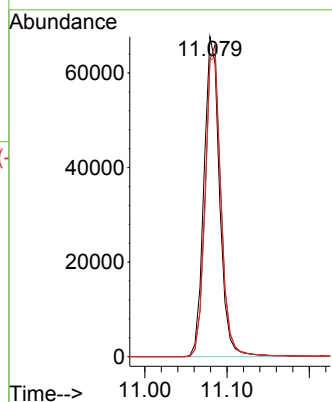
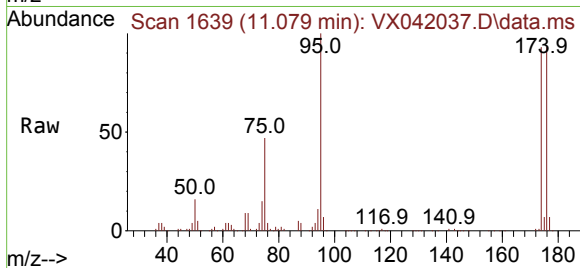




#62
4-Bromofluorobenzene
Concen: 47.079 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX042037.D
Acq: 25 Jun 2024 17:07

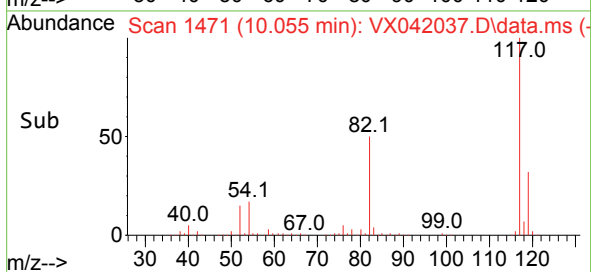
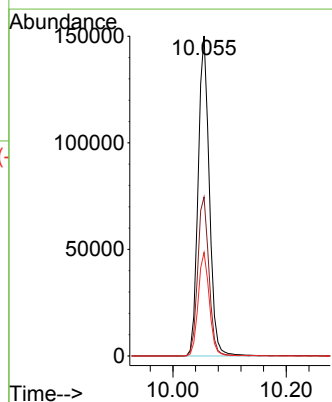
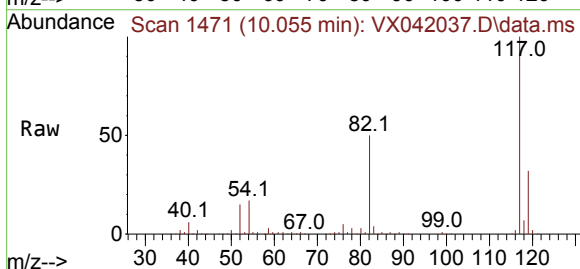
Instrument :
MSVOA_X
ClientSampleId :

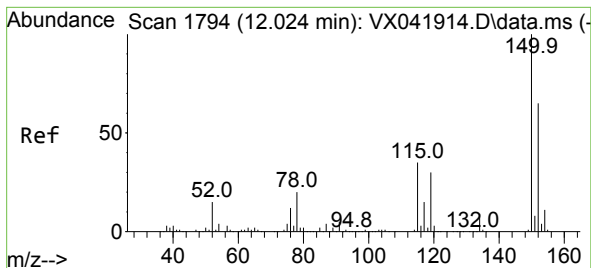
Tgt Ion: 95 Resp: 89053
Ion Ratio Lower Upper
95 100
174 98.2 0.0 135.6
176 95.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042037.D
Acq: 25 Jun 2024 17:07

Tgt Ion: 117 Resp: 205474
Ion Ratio Lower Upper
117 100
82 49.7 46.2 69.4
119 32.4 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX042037.D

Acq: 25 Jun 2024 17:07

Instrument :

MSVOA_X

ClientSampleId :

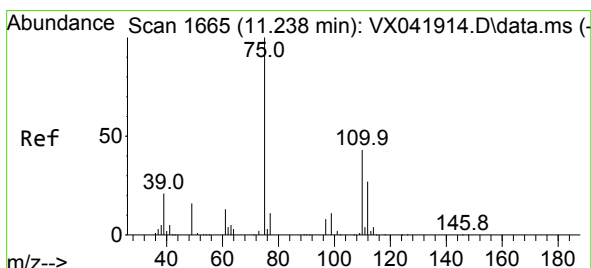
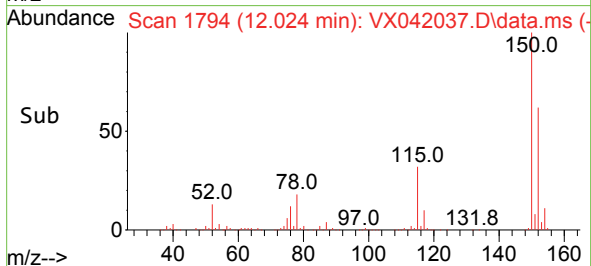
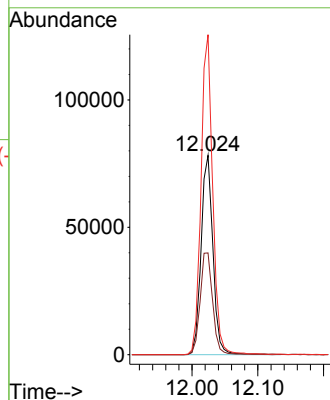
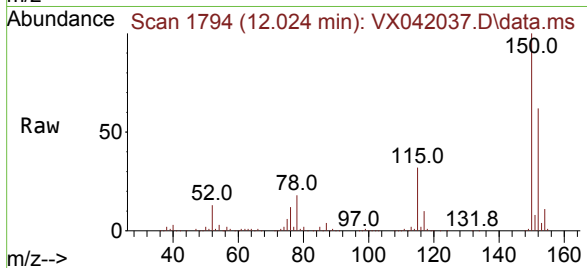
Tgt Ion:152 Resp: 97776

Ion Ratio Lower Upper

152 100

115 53.9 43.3 129.9

150 158.8 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.560 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX042037.D

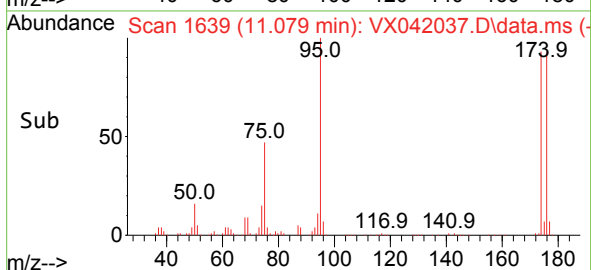
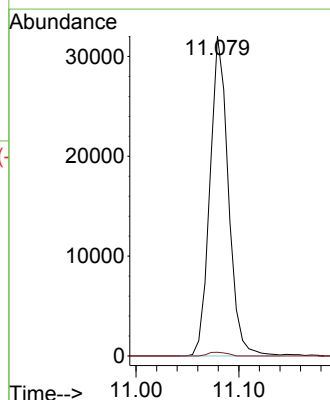
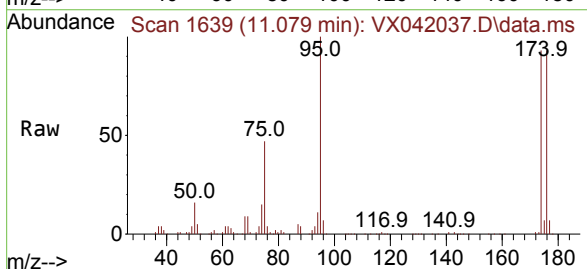
Acq: 25 Jun 2024 17:07

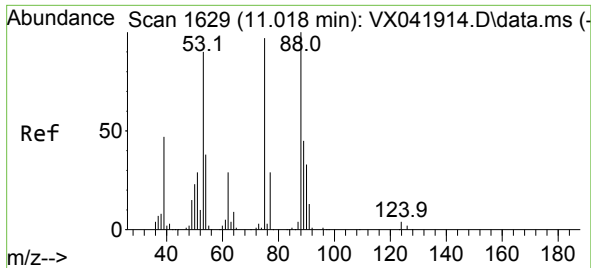
Tgt Ion: 75 Resp: 40044

Ion Ratio Lower Upper

75 100

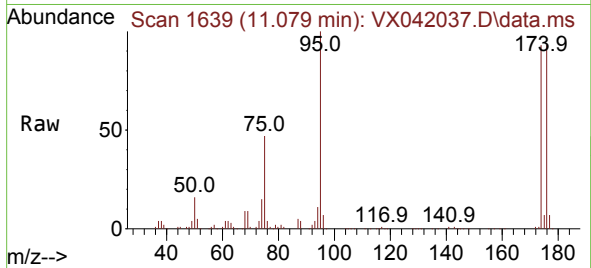
77 1.2 19.1 57.5#



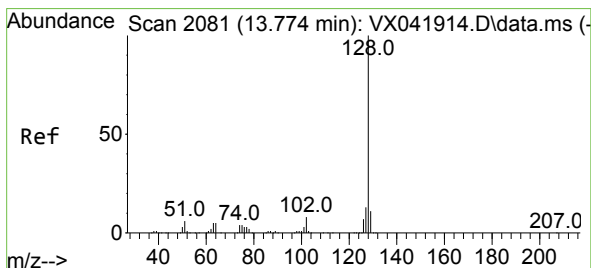
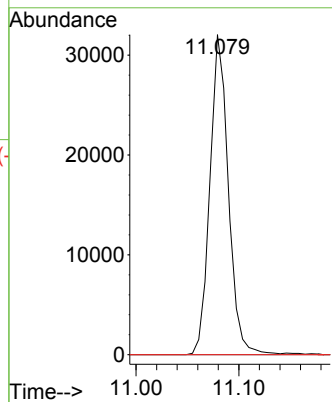
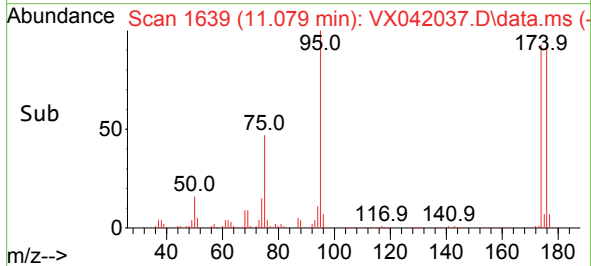


#81
trans-1,4-Dichloro-2-butene
Concen: 64.067 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX042037.D
Acq: 25 Jun 2024 17:07

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 40044
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 0.907 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX042037.D
Acq: 25 Jun 2024 17:07

Tgt Ion: 128 Resp: 1131
Ion Ratio Lower Upper
128 100
127 13.6 10.3 15.5
129 6.5 8.8 13.2#

