

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070524\
 Data File : VX042201.D
 Acq On : 05 Jul 2024 10:10
 Operator : JC/MD
 Sample : VX0705WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0705WBL01

Quant Time: Jul 05 23:17:28 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)

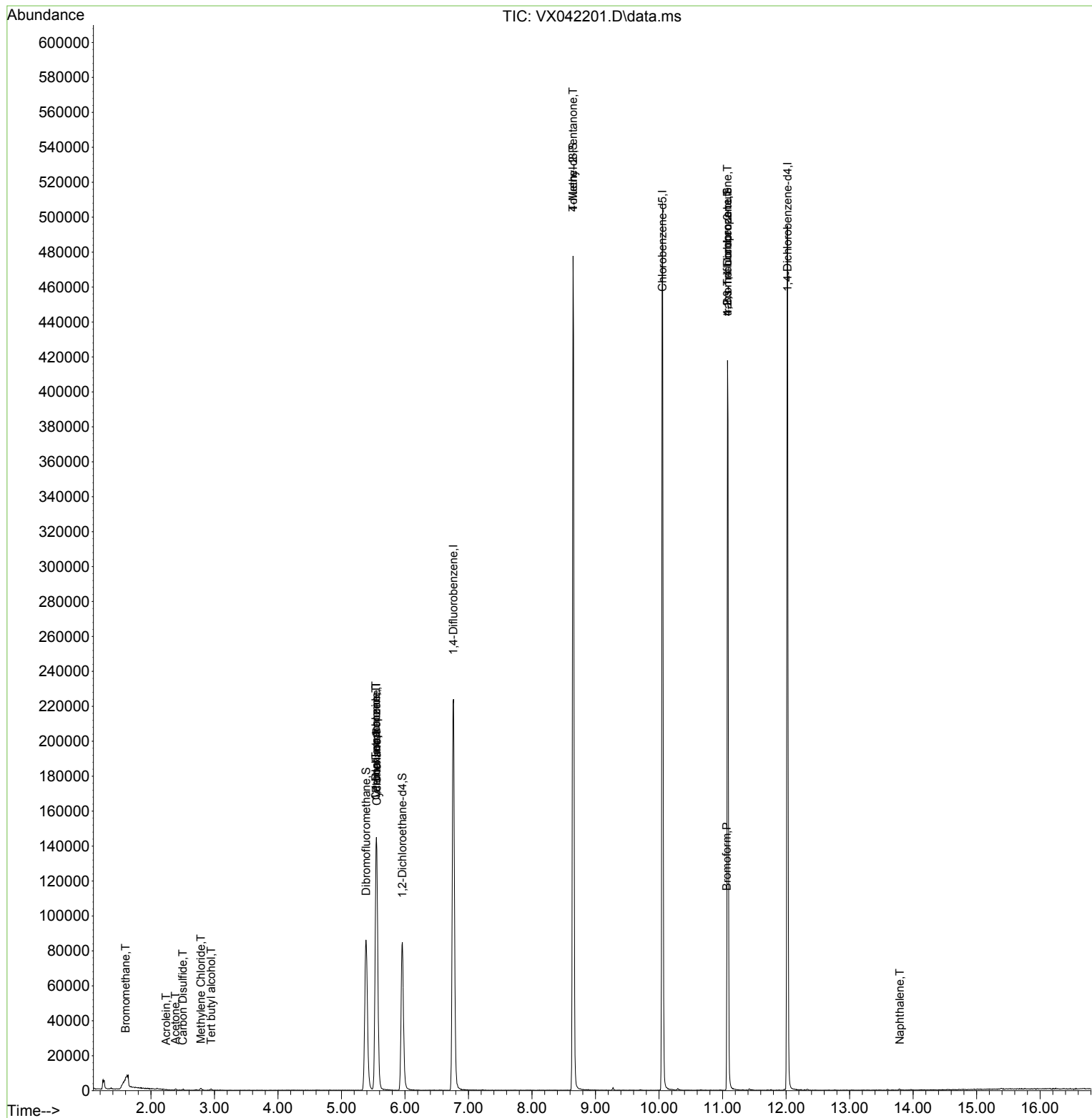
Internal Standards						
1) Pentafluorobenzene	5.549	168	163608	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	253503	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	252194	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	122276	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81357	43.123	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.240%
35) Dibromofluoromethane	5.385	113	78610	43.703	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.400%
50) Toluene-d8	8.646	98	295780	46.808	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.620%
62) 4-Bromofluorobenzene	11.079	95	112841	48.443	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.880%
Target Compounds						
						Qvalue
5) Bromomethane	1.599	94	456	0.589	ug/l	# 79
6) Chloroethane	1.666	64	145	Below Cal		# 43
11) Tert butyl alcohol	2.946	59	430	1.201	ug/l	# 78
13) Acrolein	2.239	56	101	0.252	ug/l	# 71
16) Acetone	2.385	43	688	0.831	ug/l	100
17) Carbon Disulfide	2.501	76	597	0.207	ug/l	# 76
20) Methylene Chloride	2.788	84	638	0.352	ug/l	# 82
31) Cyclohexane	5.556	56	2243	1.017	ug/l	# 1
36) 1,1-Dichloropropene	5.543	75	9362	4.901	ug/l	# 51
38) Carbon Tetrachloride	5.543	117	13280	6.293	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.646	43	1116	0.424	ug/l	# 1
71) Bromoform	11.067	173	60	0.910	ug/l	# 29
76) 1,2,3-Trichloropropane	11.079	75	51068	23.006	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	51068	65.334	ug/l	# 5
95) Naphthalene	13.792	128	956	0.855	ug/l	# 76

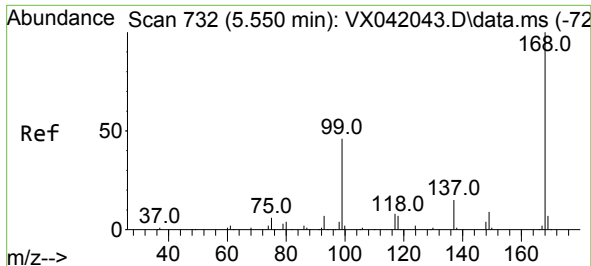
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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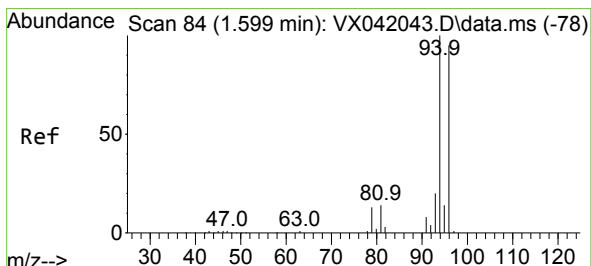
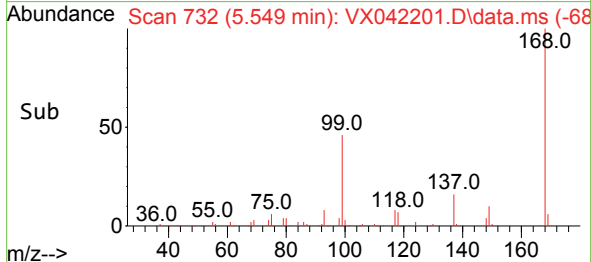
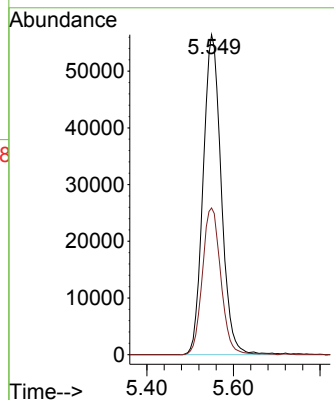
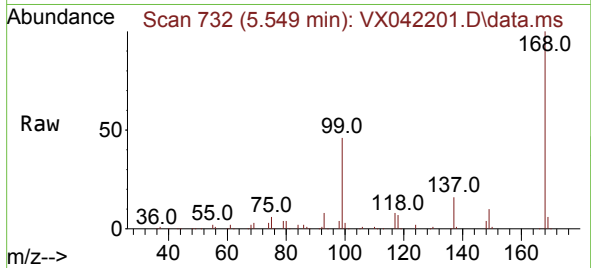




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX042201.D
Acq: 05 Jul 2024 10:10

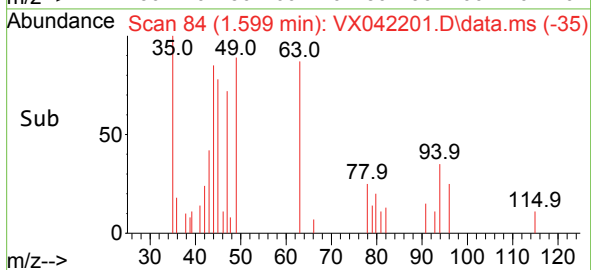
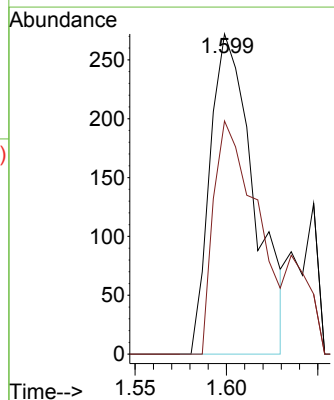
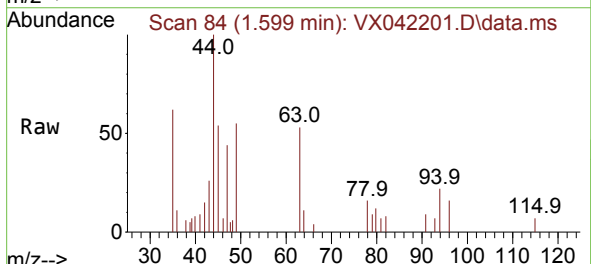
Instrument :
MSVOA_X
ClientSampleId :
VX0705WBL01

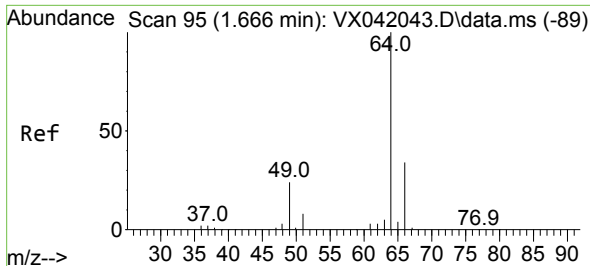
Tgt Ion:168 Resp: 163608
Ion Ratio Lower Upper
168 100
99 45.9 56.6 85.0#



#5
Bromomethane
Concen: 0.589 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX042201.D
Acq: 05 Jul 2024 10:10

Tgt Ion: 94 Resp: 456
Ion Ratio Lower Upper
94 100
96 72.8 74.6 111.8#

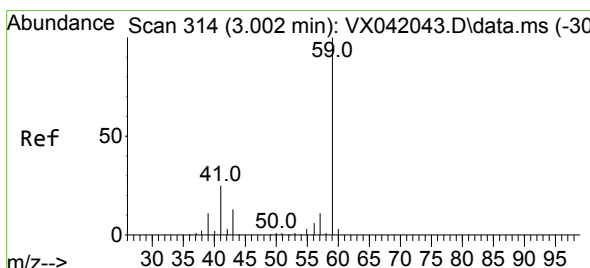
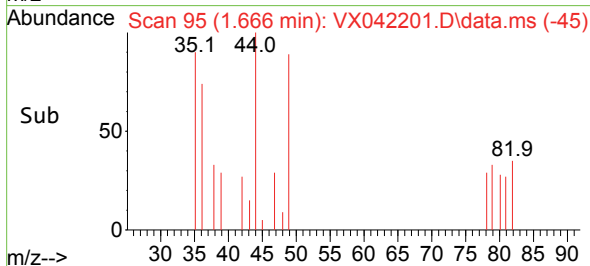
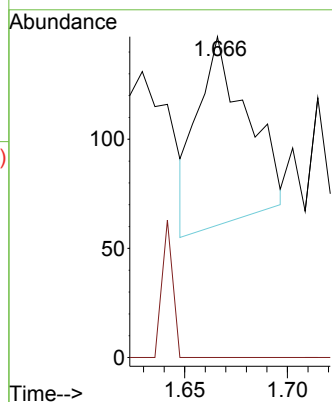
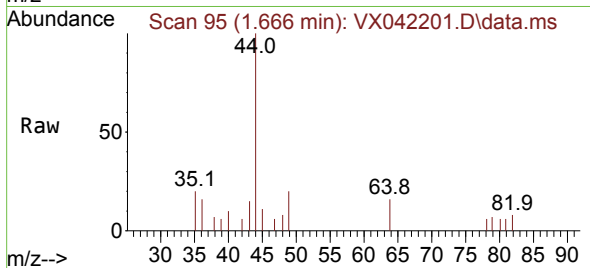




#6
Chloroethane
Concen: Below Cal
RT: 1.666 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX042201.D
Acq: 05 Jul 2024 10:10

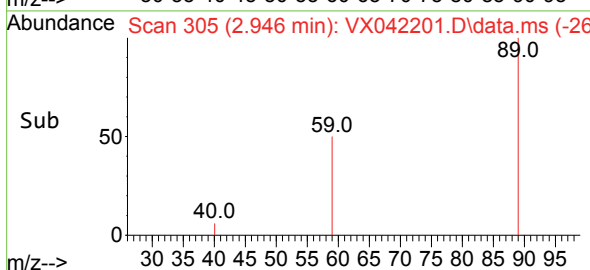
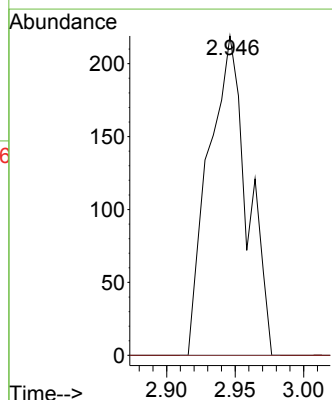
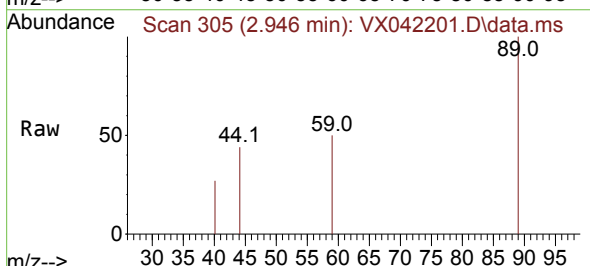
Instrument :
MSVOA_X
ClientSampleId :
VX0705WBL01

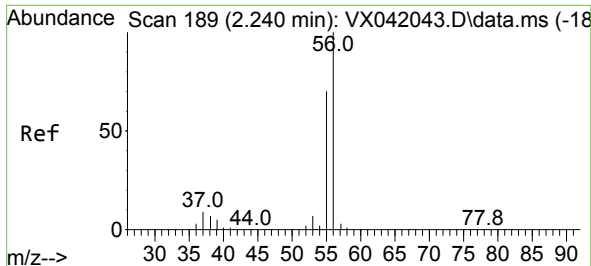
Tgt Ion: 64 Resp: 145
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: 1.201 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.061 min
Lab File: VX042201.D
Acq: 05 Jul 2024 10:10

Tgt Ion: 59 Resp: 430
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#13

Acrolein

Concen: 0.252 ug/l

RT: 2.239 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX042201.D

Acq: 05 Jul 2024 10:10

Instrument :

MSVOA_X

ClientSampleId :

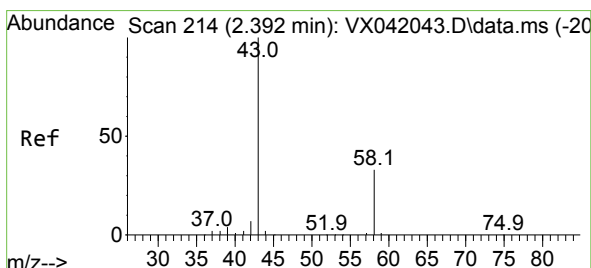
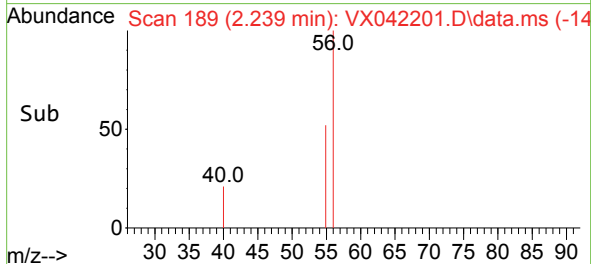
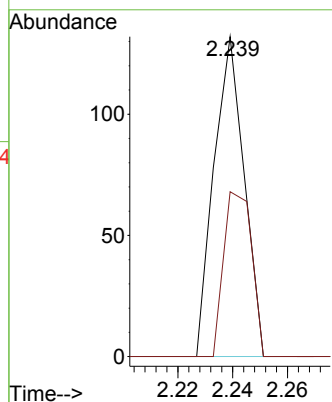
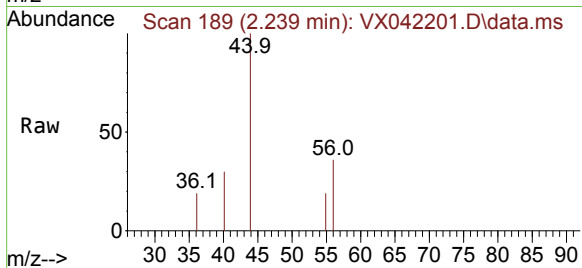
VX0705WBL01

Tgt Ion: 56 Resp: 101

Ion Ratio Lower Upper

56 100

55 47.5 57.1 85.7#



#16

Acetone

Concen: 0.831 ug/l

RT: 2.385 min Scan# 213

Delta R.T. -0.012 min

Lab File: VX042201.D

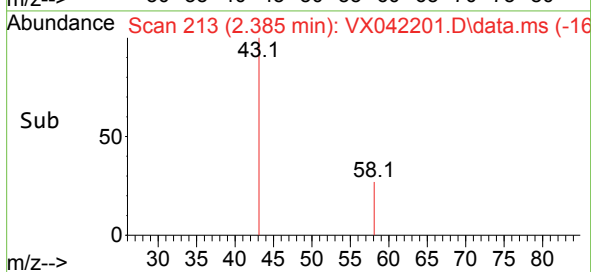
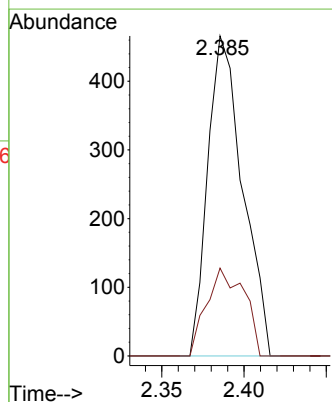
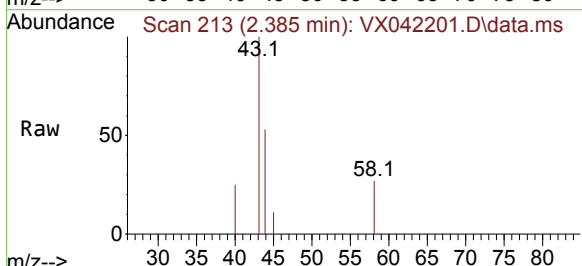
Acq: 05 Jul 2024 10:10

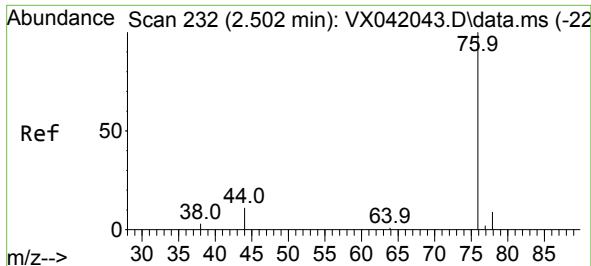
Tgt Ion: 43 Resp: 688

Ion Ratio Lower Upper

43 100

58 27.5 21.9 32.9





#17

Carbon Disulfide

Concen: 0.207 ug/l

RT: 2.501 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX042201.D

Acq: 05 Jul 2024 10:10

Instrument :

MSVOA_X

ClientSampleId :

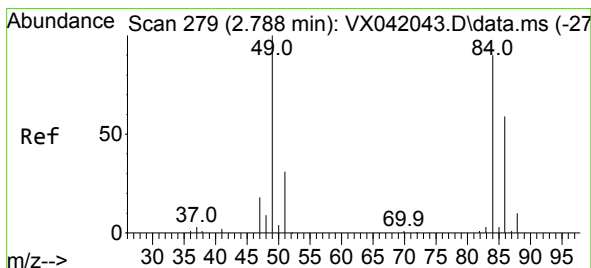
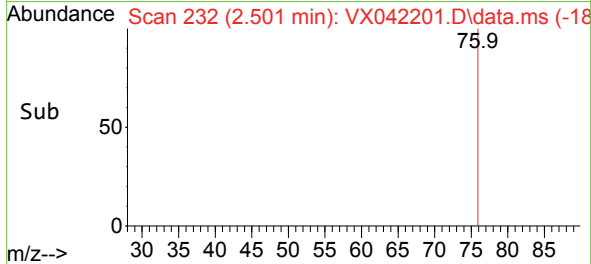
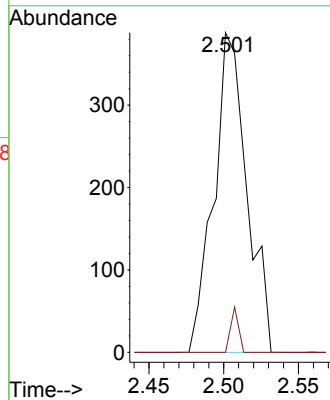
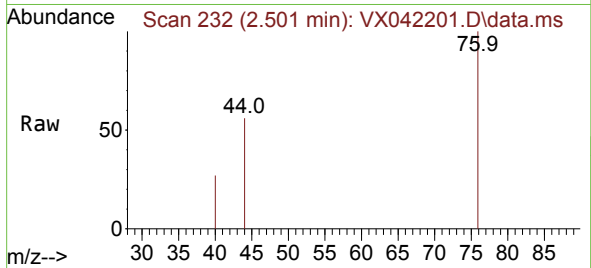
VX0705WBL01

Tgt Ion: 76 Resp: 597

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#20

Methylene Chloride

Concen: 0.352 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.006 min

Lab File: VX042201.D

Acq: 05 Jul 2024 10:10

Tgt Ion: 84 Resp: 638

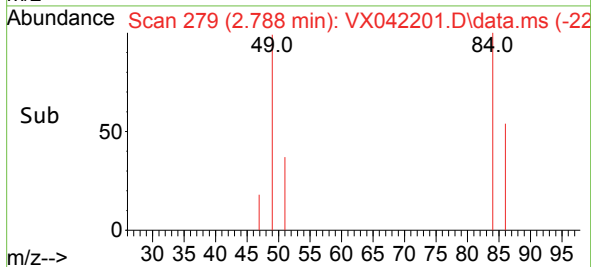
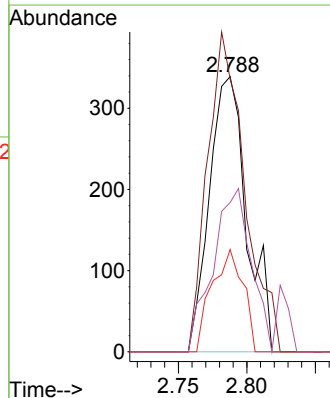
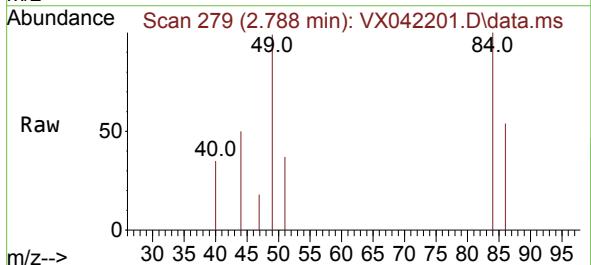
Ion Ratio Lower Upper

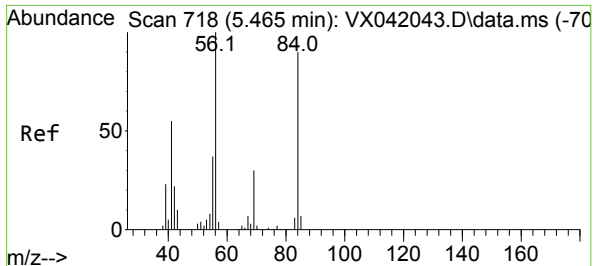
84 100

49 99.1 103.6 155.4#

51 37.2 33.8 50.6

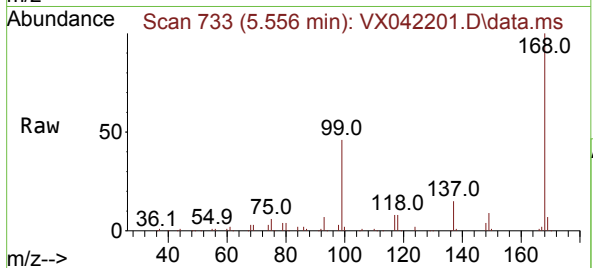
86 54.3 49.4 74.0



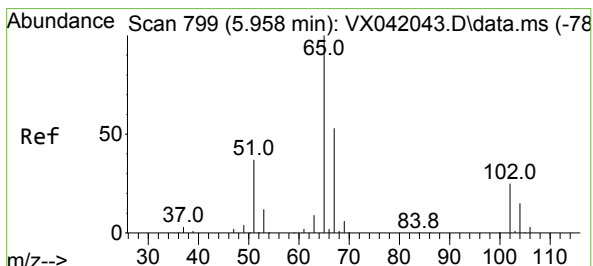
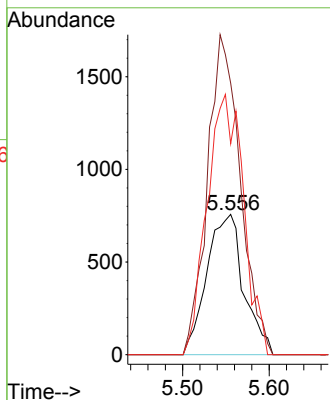
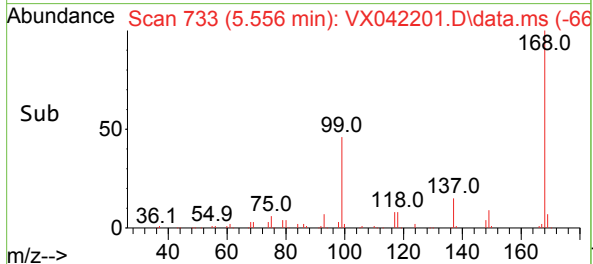


#31
Cyclohexane
Concen: 1.017 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.091 min
Lab File: VX042201.D
Acq: 05 Jul 2024 10:10

Instrument :
MSVOA_X
ClientSampleId :
VX0705WBL01

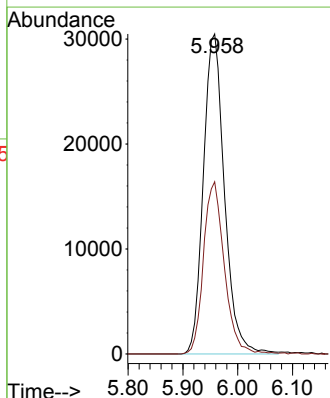
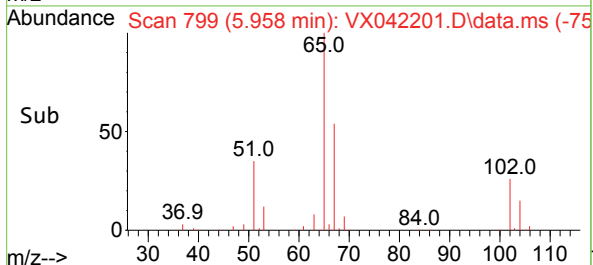
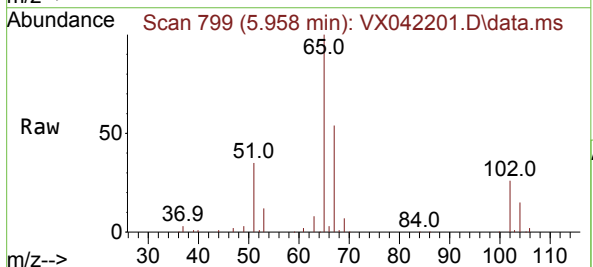


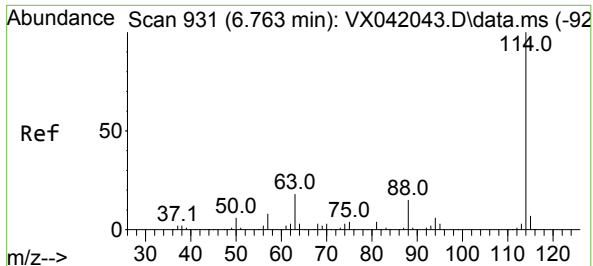
Tgt Ion: 56 Resp: 2243
Ion Ratio Lower Upper
56 100
69 193.5 23.4 35.2#
84 150.5 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 43.123 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX042201.D
Acq: 05 Jul 2024 10:10

Tgt Ion: 65 Resp: 81357
Ion Ratio Lower Upper
65 100
67 53.2 0.0 100.2

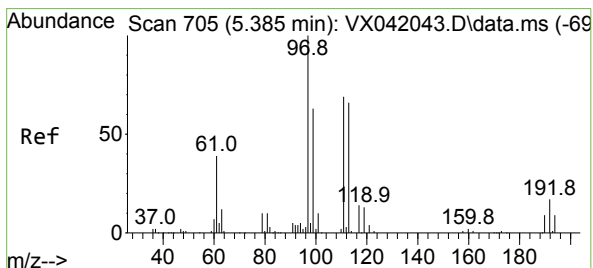
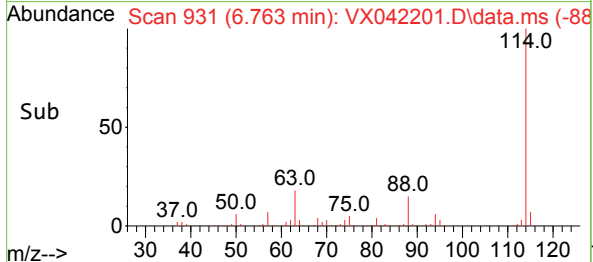
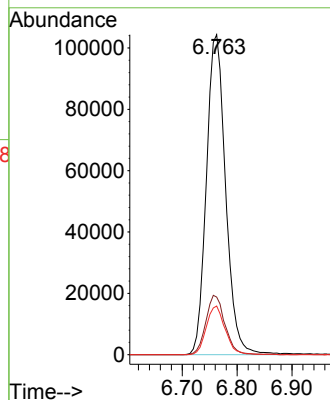
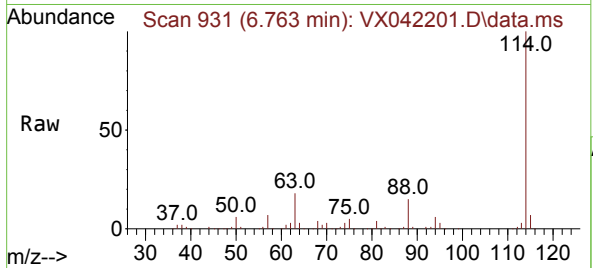




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX042201.D
Acq: 05 Jul 2024 10:10

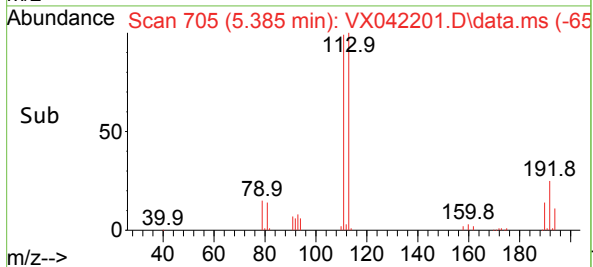
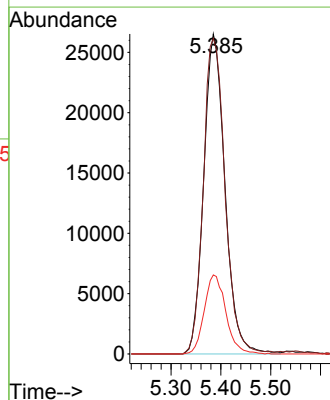
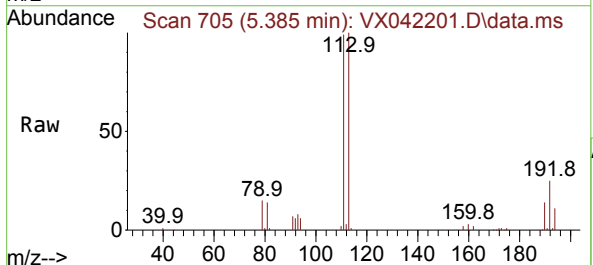
Instrument :
MSVOA_X
ClientSampleId :
VX0705WBL01

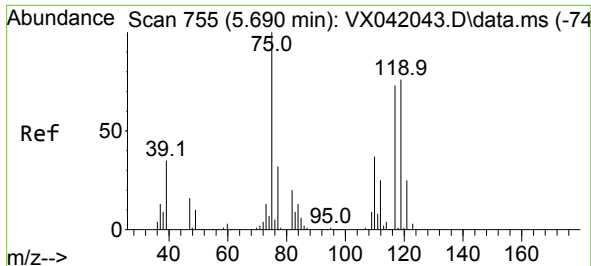
Tgt Ion:114 Resp: 253503
Ion Ratio Lower Upper
114 100
63 18.0 0.0 45.0
88 15.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 43.703 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042201.D
Acq: 05 Jul 2024 10:10

Tgt Ion:113 Resp: 78610
Ion Ratio Lower Upper
113 100
111 100.8 82.9 124.3
192 25.0 13.3 19.9#

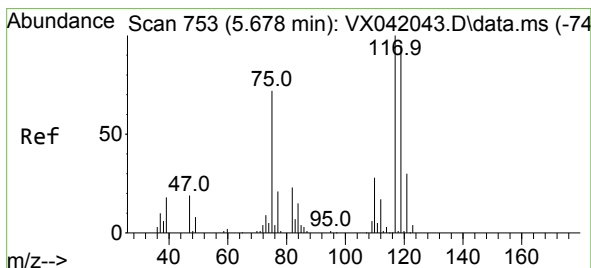
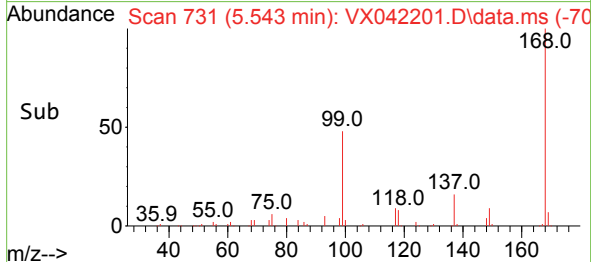
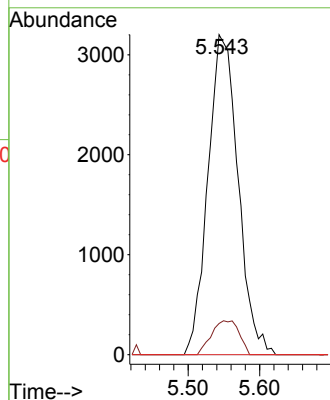
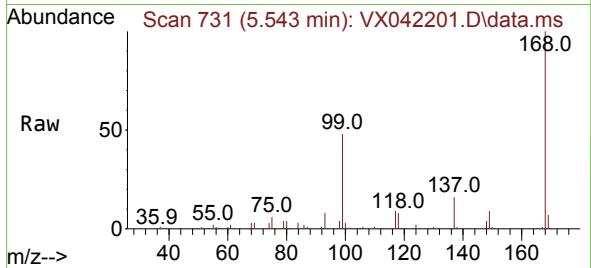




#36
1,1-Dichloropropene
Concen: 4.901 ug/l
RT: 5.543 min Scan# 711
Delta R.T. -0.147 min
Lab File: VX042201.D
Acq: 05 Jul 2024 10:10

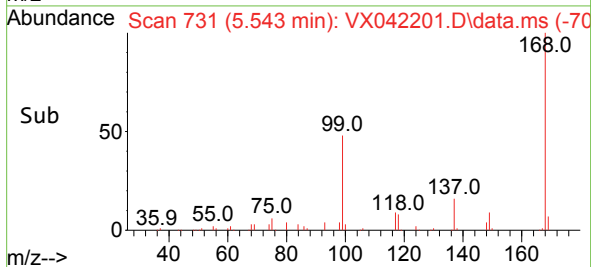
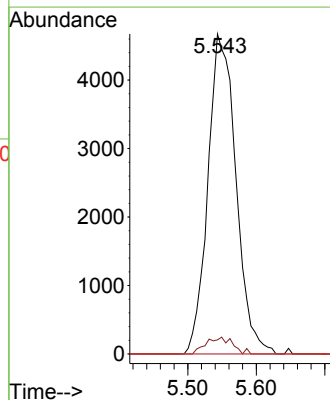
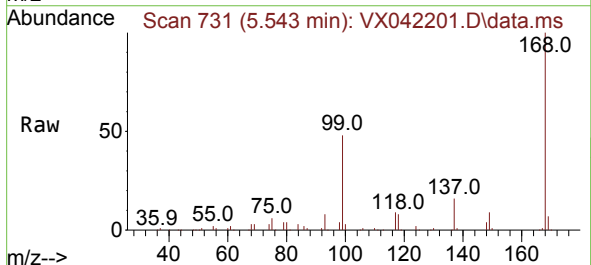
Instrument :
MSVOA_X
ClientSampleId :
VX0705WBL01

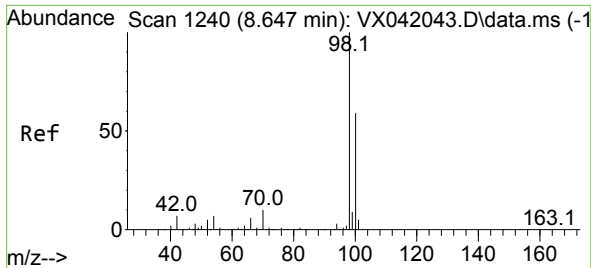
Tgt Ion: 75 Resp: 9362
Ion Ratio Lower Upper
75 100
110 9.7 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.293 ug/l
RT: 5.543 min Scan# 731
Delta R.T. -0.134 min
Lab File: VX042201.D
Acq: 05 Jul 2024 10:10

Tgt Ion: 117 Resp: 13280
Ion Ratio Lower Upper
117 100
119 4.4 78.2 117.2#
121 0.0 24.4 36.6#

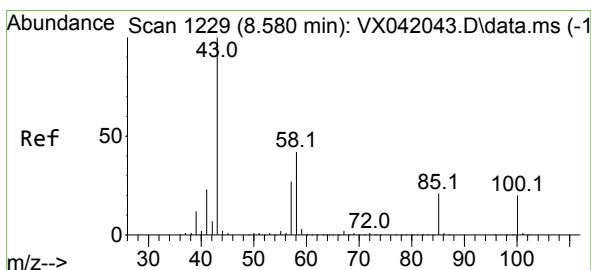
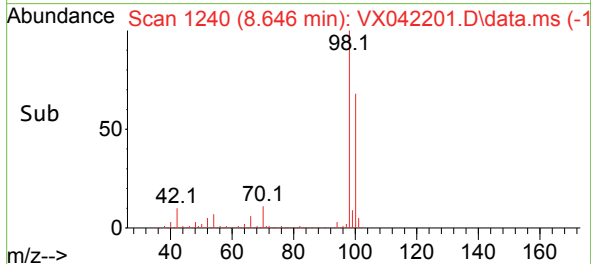
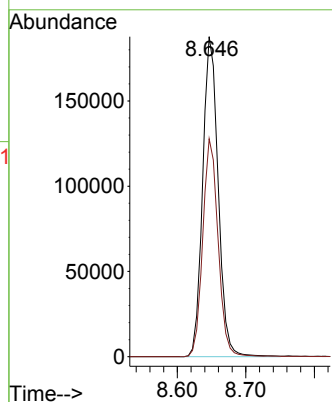
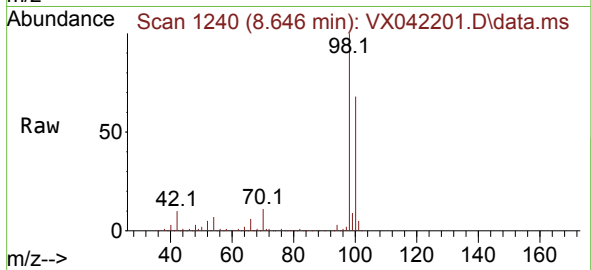




#50
Toluene-d8
Concen: 46.808 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX042201.D
Acq: 05 Jul 2024 10:10

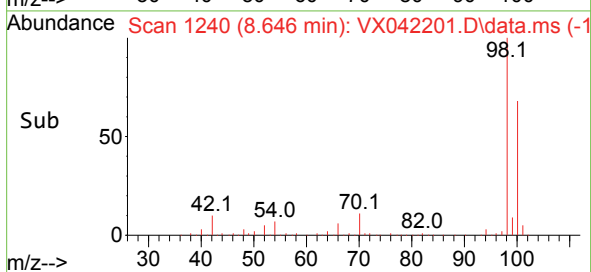
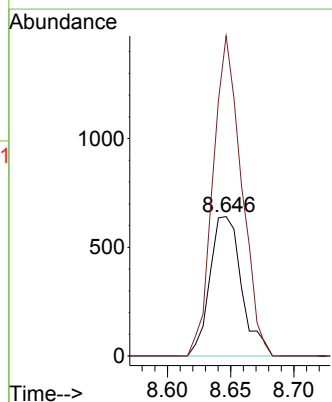
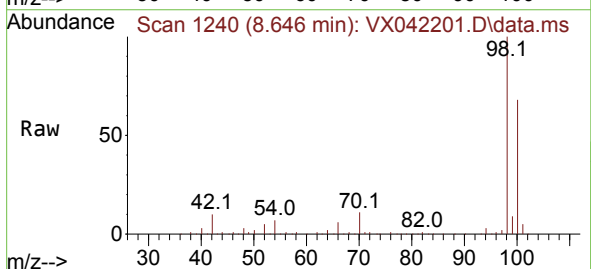
Instrument :
MSVOA_X
ClientSampleId :
VX0705WBL01

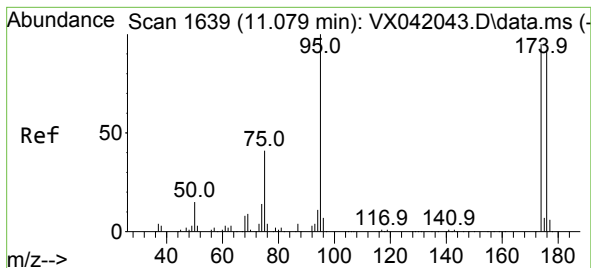
Tgt Ion: 98 Resp: 295780
Ion Ratio Lower Upper
98 100
100 67.5 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.424 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX042201.D
Acq: 05 Jul 2024 10:10

Tgt Ion: 43 Resp: 1116
Ion Ratio Lower Upper
43 100
58 207.1 30.4 45.6#

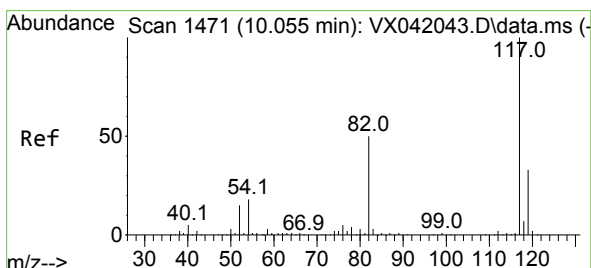
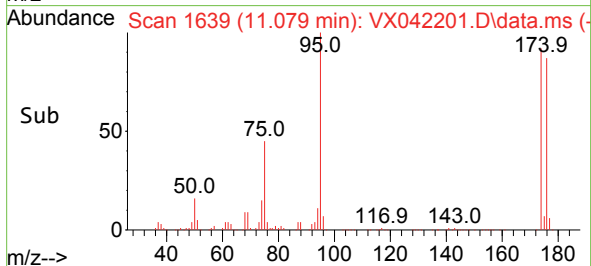
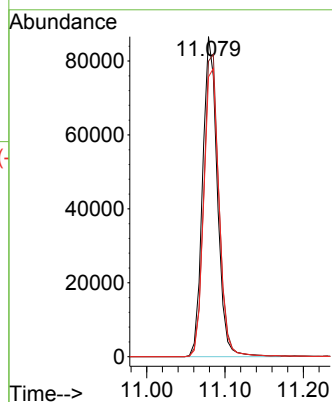
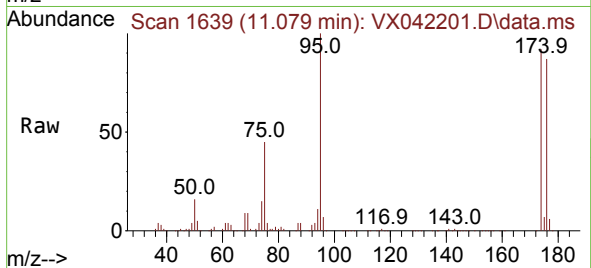




#62
4-Bromofluorobenzene
Concen: 48.443 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042201.D
Acq: 05 Jul 2024 10:10

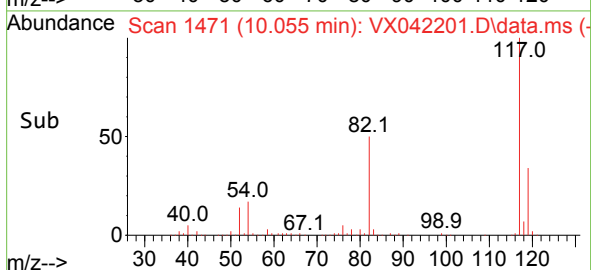
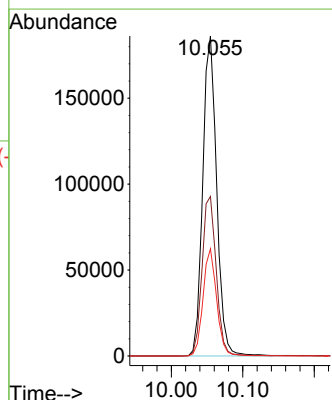
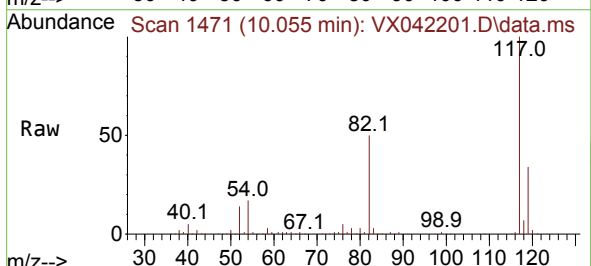
Instrument :
MSVOA_X
ClientSampleId :
VX0705WBL01

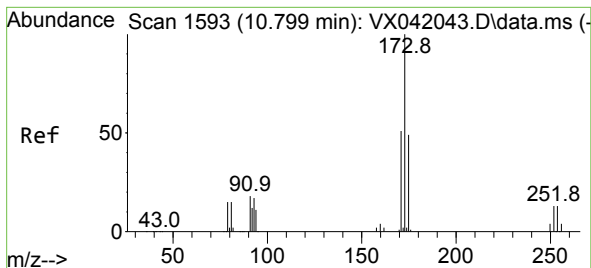
Tgt Ion: 95 Resp: 112841
Ion Ratio Lower Upper
95 100
174 97.8 0.0 135.6
176 93.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042201.D
Acq: 05 Jul 2024 10:10

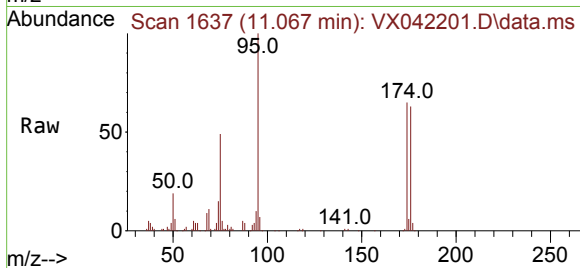
Tgt Ion: 117 Resp: 252194
Ion Ratio Lower Upper
117 100
82 49.8 46.2 69.4
119 33.5 25.5 38.3



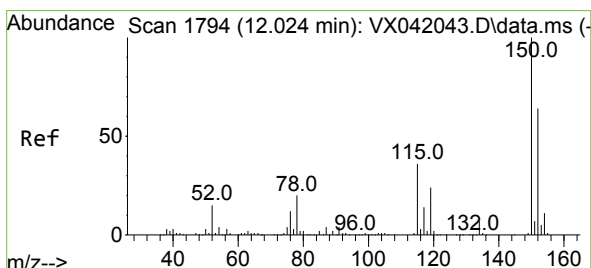
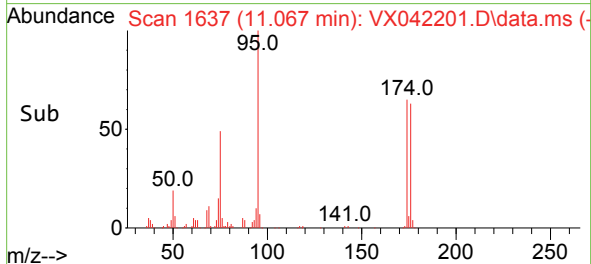
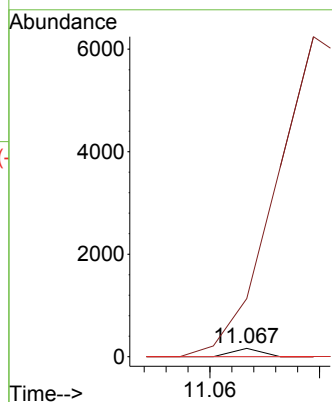


#71
Bromoform
Concen: 0.910 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.268 min
Lab File: VX042201.D
Acq: 05 Jul 2024 10:10

Instrument :
MSVOA_X
ClientSampleId :
VX0705WBL01

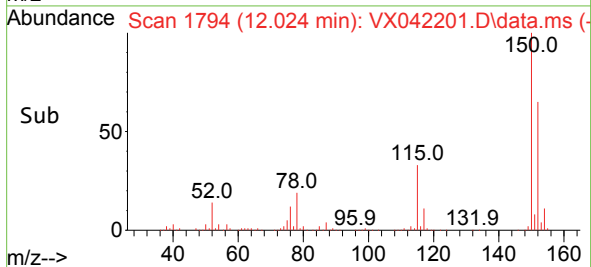
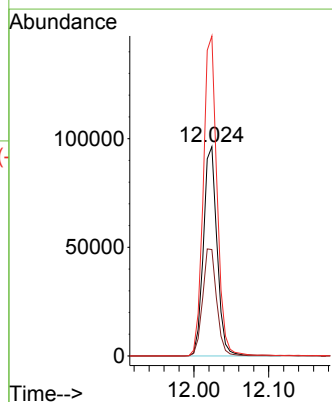
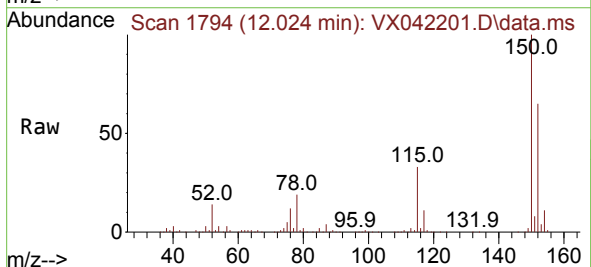


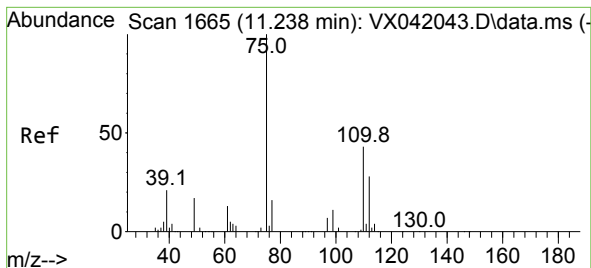
Tgt Ion:173 Resp: 60
Ion Ratio Lower Upper
173 100
175 0.0 24.1 72.4#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX042201.D
Acq: 05 Jul 2024 10:10

Tgt Ion:152 Resp: 122276
Ion Ratio Lower Upper
152 100
115 52.5 43.3 129.9
150 154.6 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 23.006 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX042201.D

Acq: 05 Jul 2024 10:10

Instrument :

MSVOA_X

ClientSampleId :

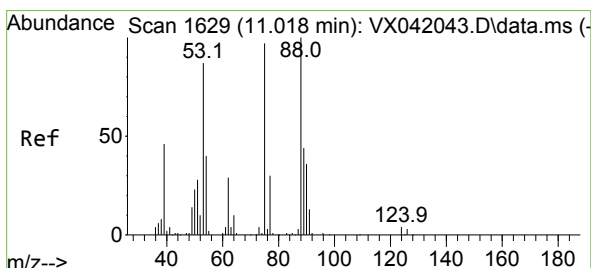
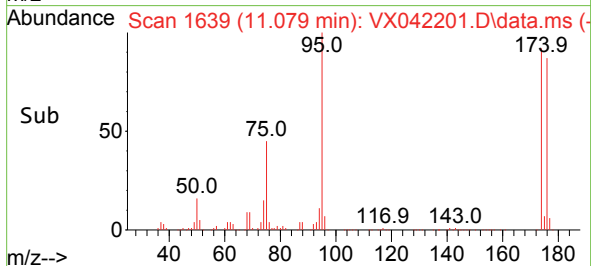
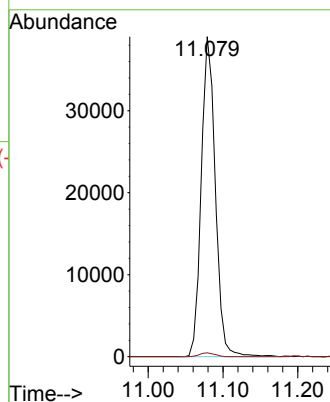
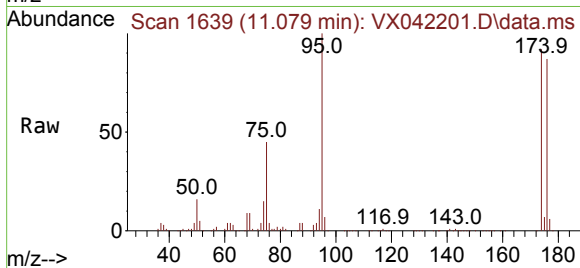
VX0705WBL01

Tgt Ion: 75 Resp: 51068

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 65.334 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX042201.D

Acq: 05 Jul 2024 10:10

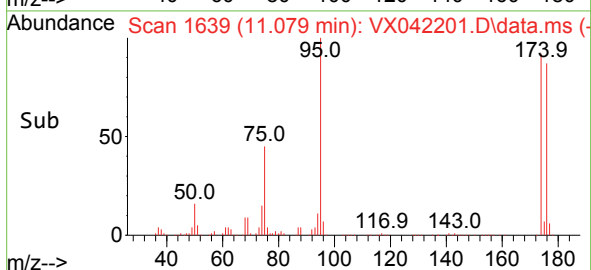
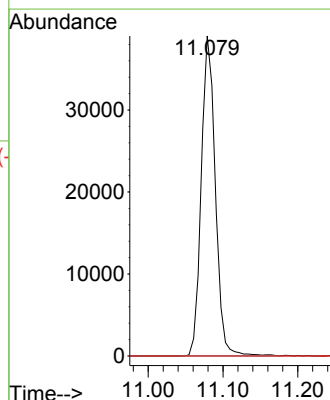
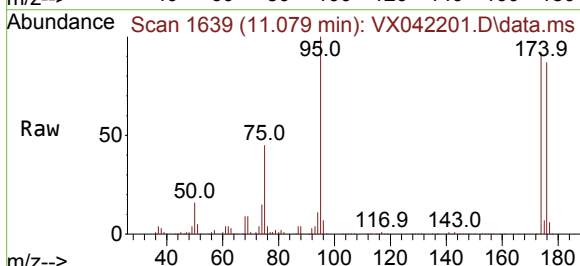
Tgt Ion: 75 Resp: 51068

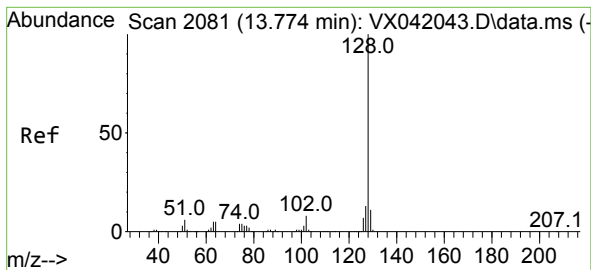
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

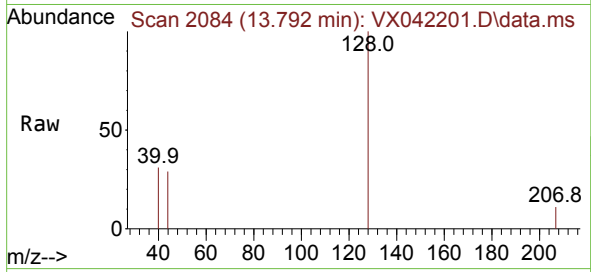
89 0.0 36.9 55.3#





#95
 Naphthalene
 Concen: 0.855 ug/l
 RT: 13.792 min Scan# 2084
 Delta R.T. 0.018 min
 Lab File: VX042201.D
 Acq: 05 Jul 2024 10:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0705WBL01



Tgt Ion:	128	Resp:	956
Ion	Ratio	Lower	Upper
128	100		
127	4.8	10.3	15.5#
129	0.0	8.8	13.2#

