

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070224\
 Data File : VX042130.D
 Acq On : 02 Jul 2024 11:25
 Operator : JC/MD
 Sample : VX0702WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0702WBL01

Quant Time: Jul 03 03:30:02 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)

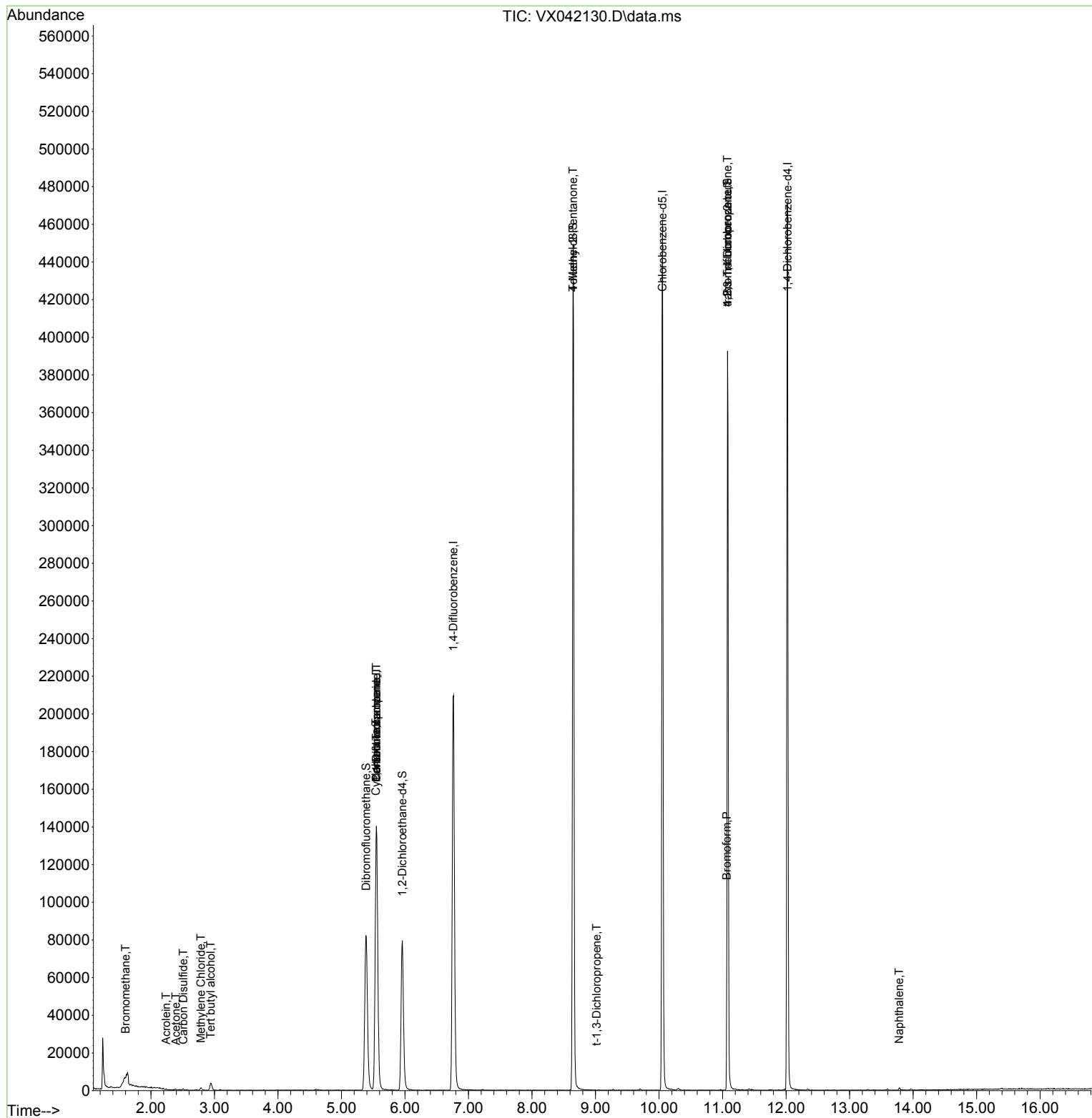
Internal Standards						
1) Pentafluorobenzene	5.550	168	156389	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	240983	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	237308	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	115550	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75552	41.895	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	83.800%
35) Dibromofluoromethane	5.385	113	74637	43.650	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.300%
50) Toluene-d8	8.647	98	279255	46.488	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.980%
62) 4-Bromofluorobenzene	11.079	95	104374	47.136	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.280%
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	514	0.695	ug/l	81
6) Chloroethane	1.654	64	154	Below Cal	#	69
11) Tert butyl alcohol	2.940	59	2491	7.278	ug/l	# 78
13) Acrolein	2.239	56	207	0.540	ug/l	# 81
16) Acetone	2.392	43	540	0.682	ug/l	# 73
17) Carbon Disulfide	2.508	76	877	0.319	ug/l	100
20) Methylene Chloride	2.788	84	741	0.427	ug/l	84
31) Cyclohexane	5.544	56	2251	1.067	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	8686	4.784	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	12989	6.474	ug/l	# 16
51) 4-Methyl-2-Pentanone	8.647	43	929	0.371	ug/l	# 1
53) t-1,3-Dichloropropene	9.019	75	19	0.900	ug/l	# 43
71) Bromoform	11.067	173	38	0.899	ug/l	# 29
76) 1,2,3-Trichloropropane	11.079	75	46929	22.372	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	46929	63.534	ug/l	# 5
95) Naphthalene	13.780	128	1460	0.921	ug/l	# 88

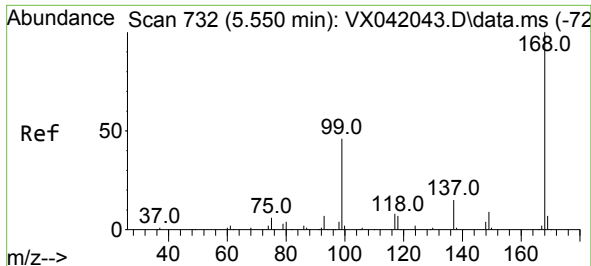
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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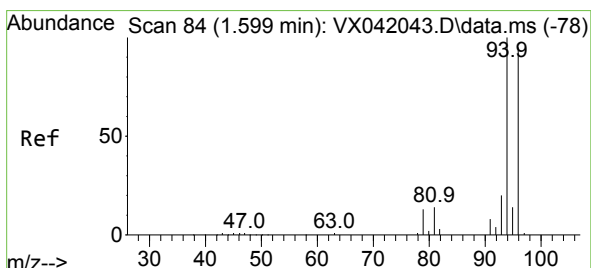
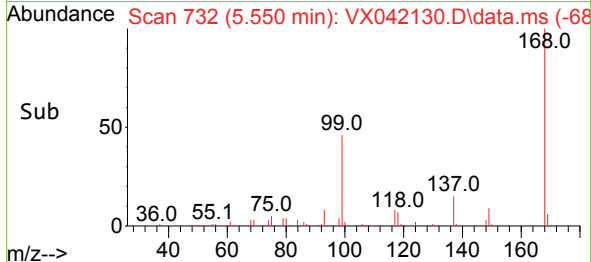
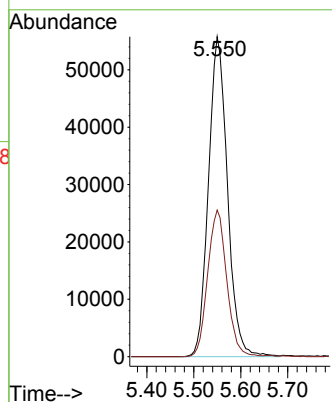
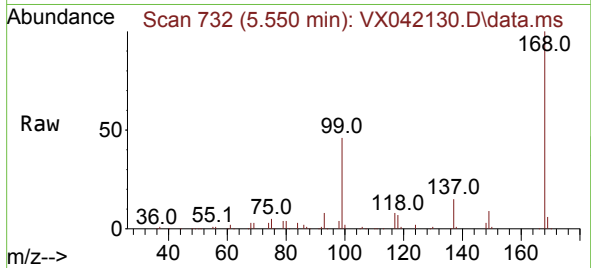




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042130.D
Acq: 02 Jul 2024 11:25

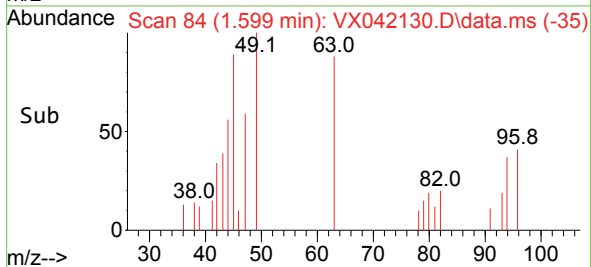
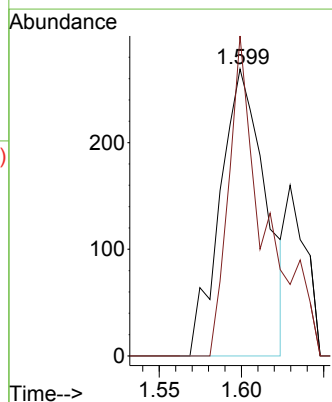
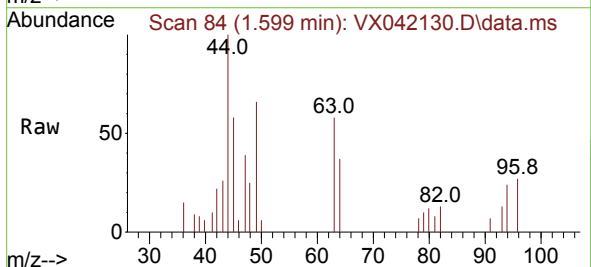
Instrument :
MSVOA_X
ClientSampleId :
VX0702WBL01

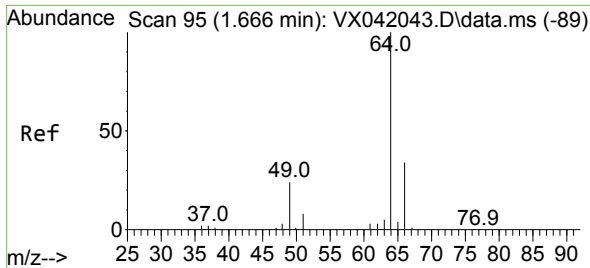
Tgt Ion:168 Resp: 156389
Ion Ratio Lower Upper
168 100
99 45.8 56.6 85.0#



#5
Bromomethane
Concen: 0.695 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX042130.D
Acq: 02 Jul 2024 11:25

Tgt Ion: 94 Resp: 514
Ion Ratio Lower Upper
94 100
96 111.5 74.6 111.8

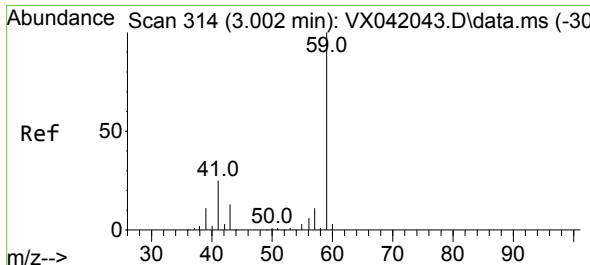
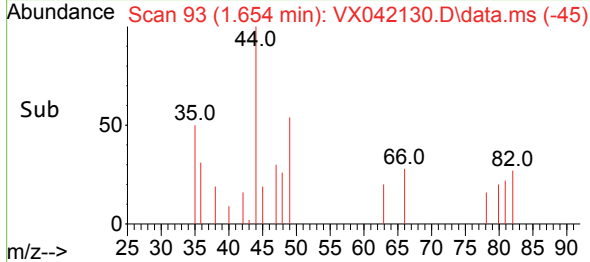
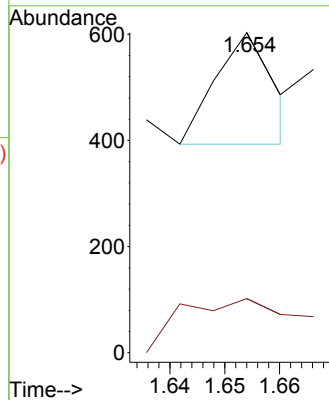
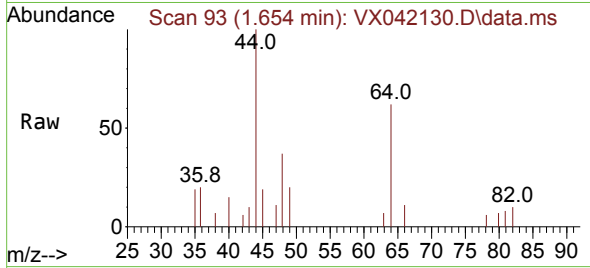




#6
Chloroethane
Concen: Below Cal
RT: 1.654 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX042130.D
Acq: 02 Jul 2024 11:25

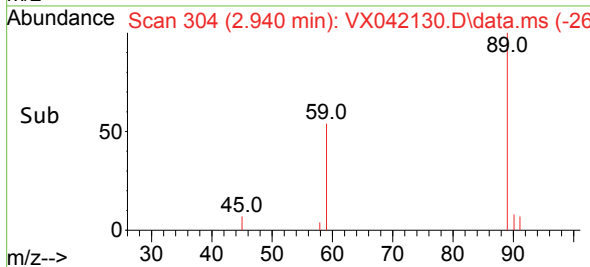
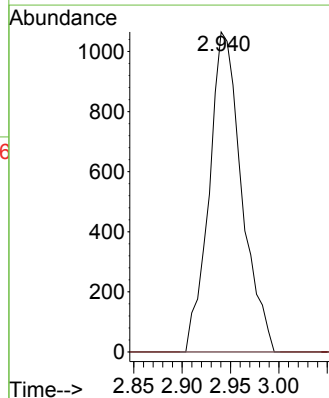
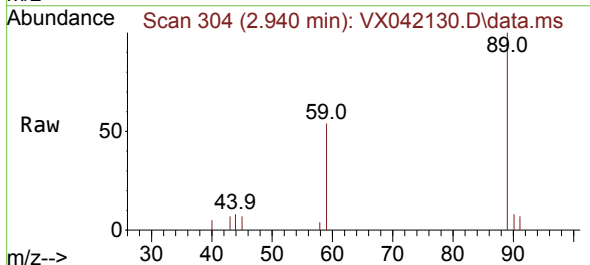
Instrument :
MSVOA_X
ClientSampleId :
VX0702WBL01

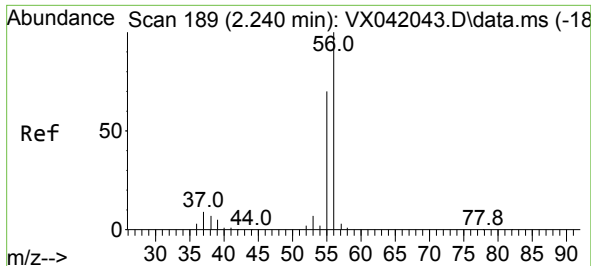
Tgt Ion: 64 Resp: 154
Ion Ratio Lower Upper
64 100
66 14.3 25.1 37.7#



#11
Tert butyl alcohol
Concen: 7.278 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.067 min
Lab File: VX042130.D
Acq: 02 Jul 2024 11:25

Tgt Ion: 59 Resp: 2491
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#13

Acrolein

Concen: 0.540 ug/l

RT: 2.239 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX042130.D

Acq: 02 Jul 2024 11:25

Instrument :

MSVOA_X

ClientSampleId :

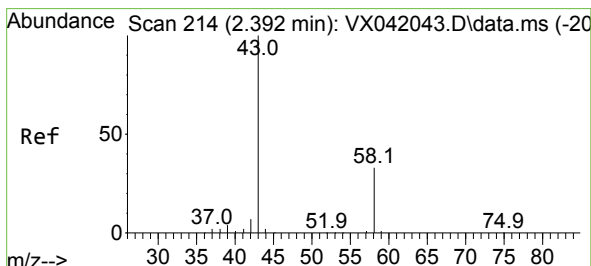
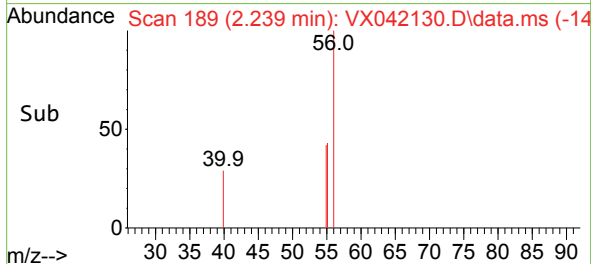
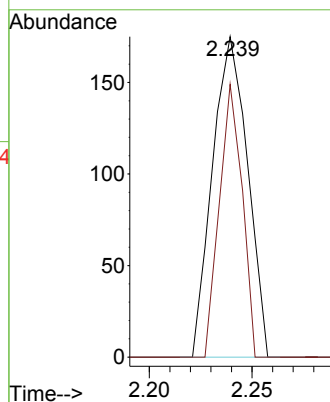
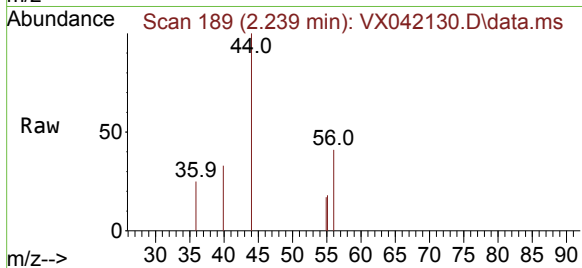
VX0702WBL01

Tgt Ion: 56 Resp: 207

Ion Ratio Lower Upper

56 100

55 55.6 57.1 85.7#



#16

Acetone

Concen: 0.682 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX042130.D

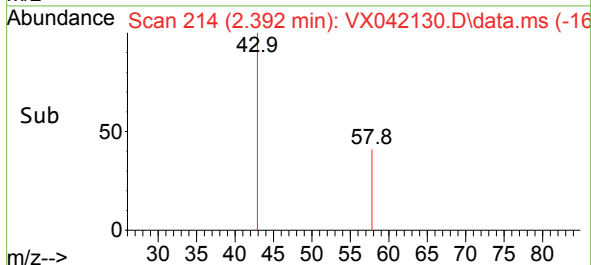
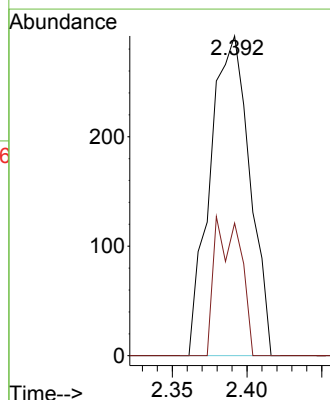
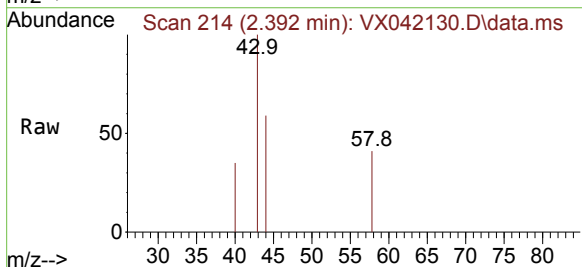
Acq: 02 Jul 2024 11:25

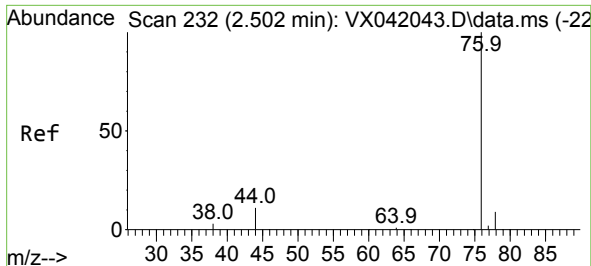
Tgt Ion: 43 Resp: 540

Ion Ratio Lower Upper

43 100

58 41.4 21.9 32.9#

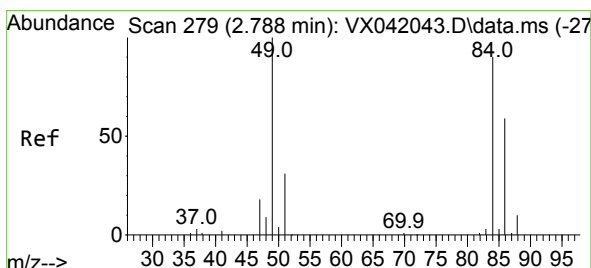
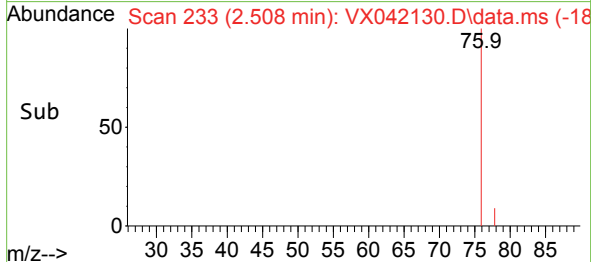
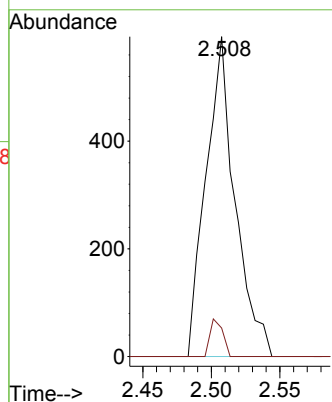
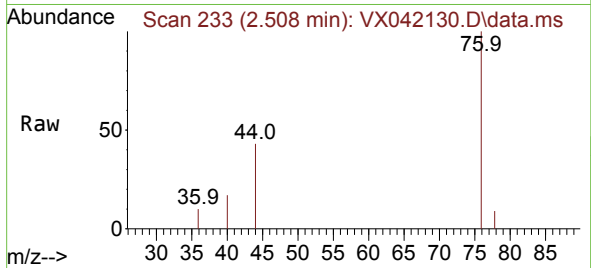




#17
Carbon Disulfide
Concen: 0.319 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX042130.D
Acq: 02 Jul 2024 11:25

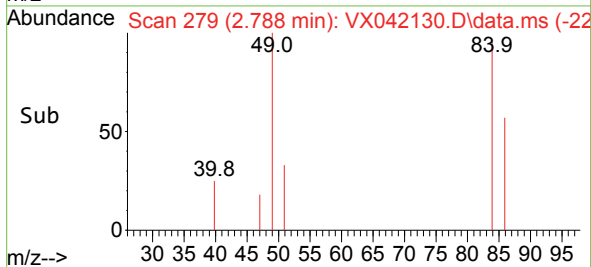
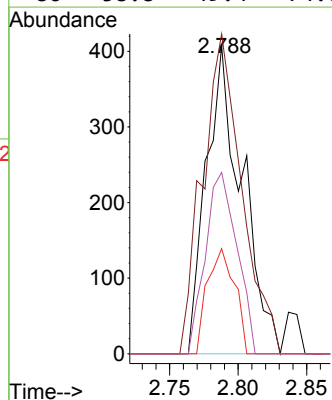
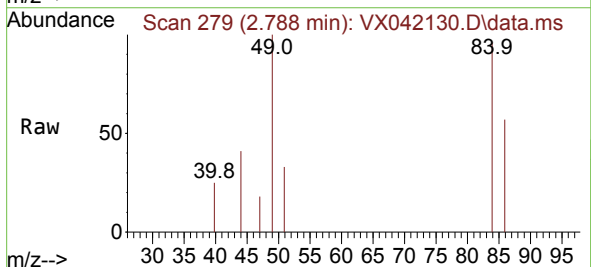
Instrument :
MSVOA_X
ClientSampleId :
VX0702WBL01

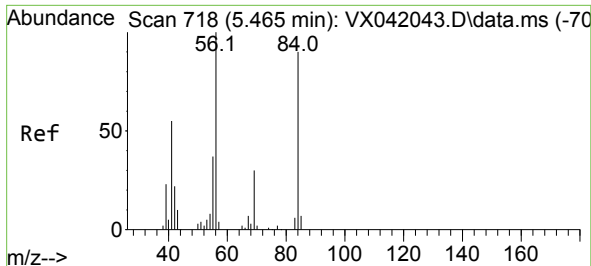
Tgt Ion: 76 Resp: 877
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6



#20
Methylene Chloride
Concen: 0.427 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX042130.D
Acq: 02 Jul 2024 11:25

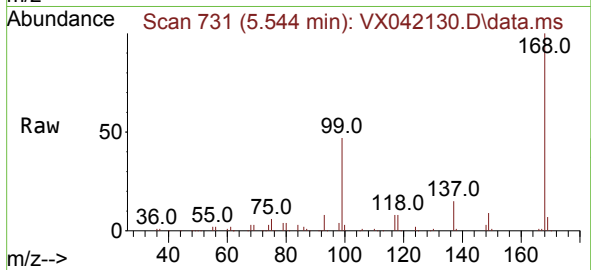
Tgt Ion: 84 Resp: 741
Ion Ratio Lower Upper
84 100
49 103.7 103.6 155.4
51 34.1 33.8 50.6
86 58.8 49.4 74.0



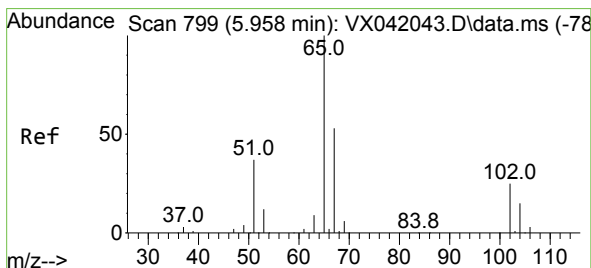
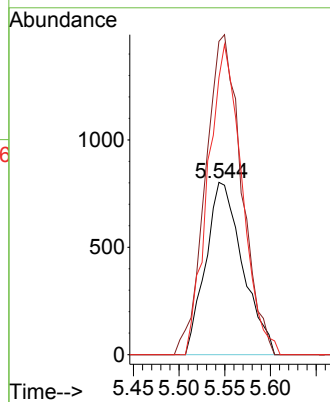
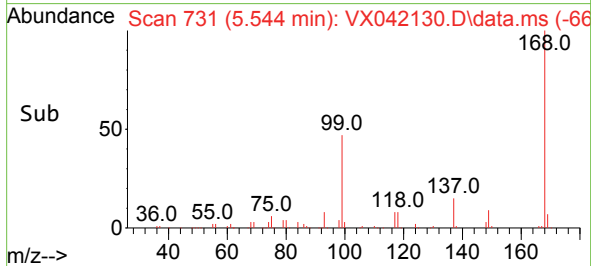


#31
Cyclohexane
Concen: 1.067 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX042130.D
Acq: 02 Jul 2024 11:25

Instrument :
MSVOA_X
ClientSampleId :
VX0702WBL01

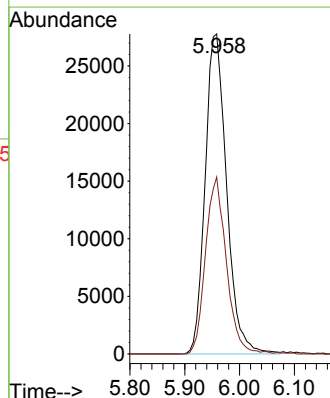
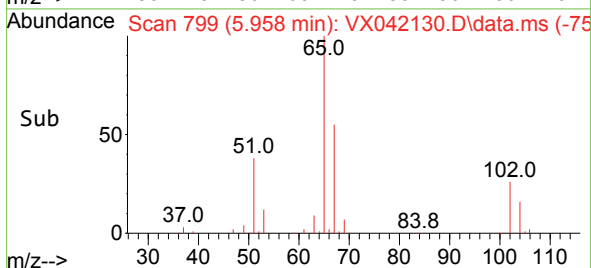
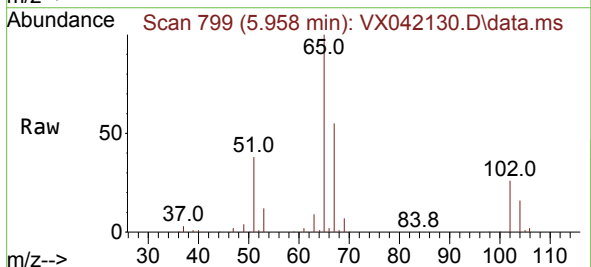


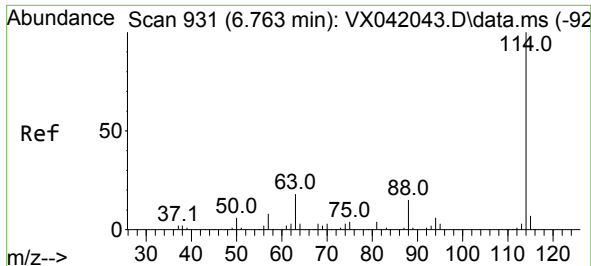
Tgt Ion: 56 Resp: 2251
Ion Ratio Lower Upper
56 100
69 181.9 23.4 35.2#
84 160.7 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 41.895 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX042130.D
Acq: 02 Jul 2024 11:25

Tgt Ion: 65 Resp: 75552
Ion Ratio Lower Upper
65 100
67 53.7 0.0 100.2

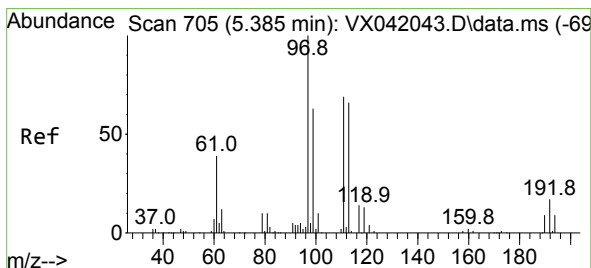
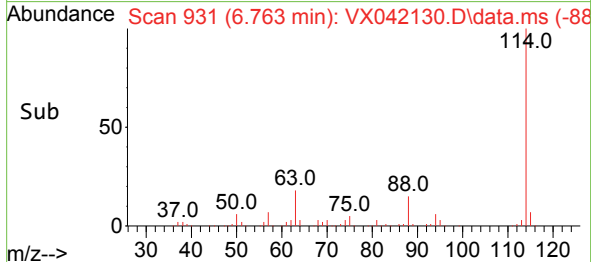
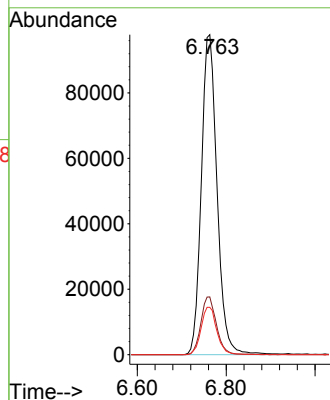
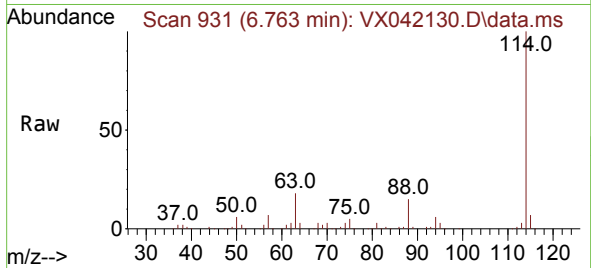




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX042130.D
Acq: 02 Jul 2024 11:25

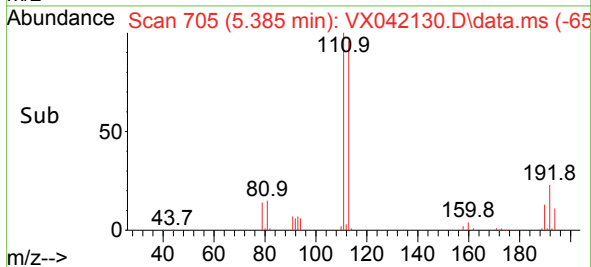
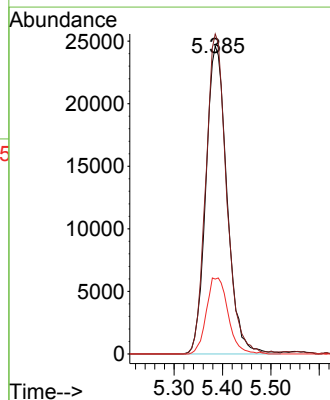
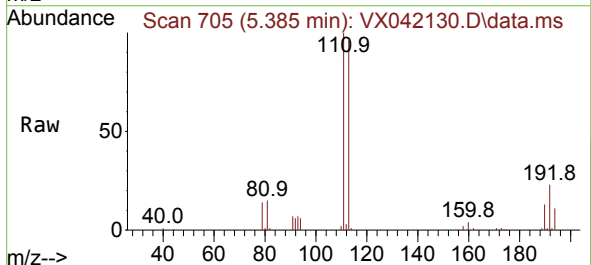
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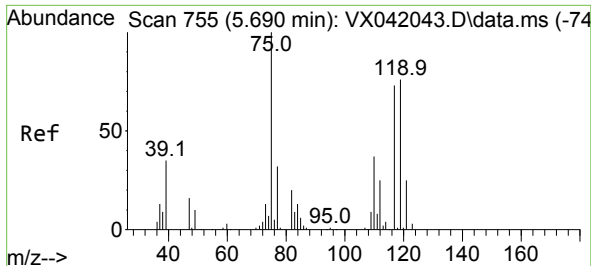
Tgt Ion:114 Resp: 240983
Ion Ratio Lower Upper
114 100
63 18.0 0.0 45.0
88 14.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 43.650 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042130.D
Acq: 02 Jul 2024 11:25

Tgt Ion:113 Resp: 74637
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 25.4 13.3 19.9#

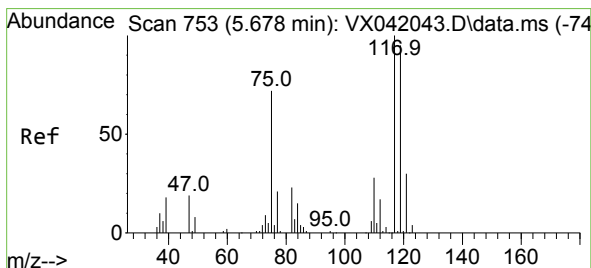
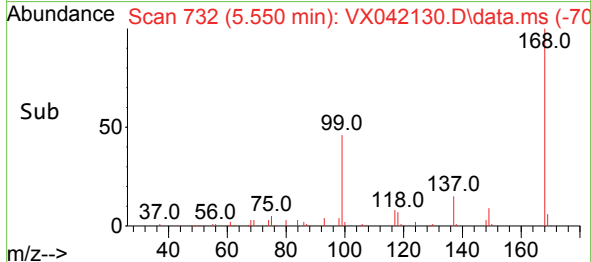
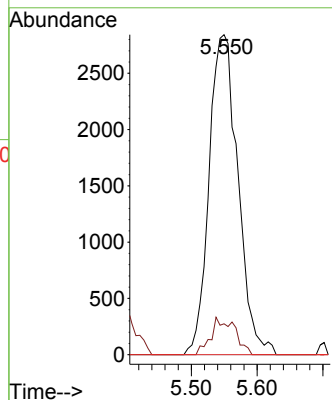
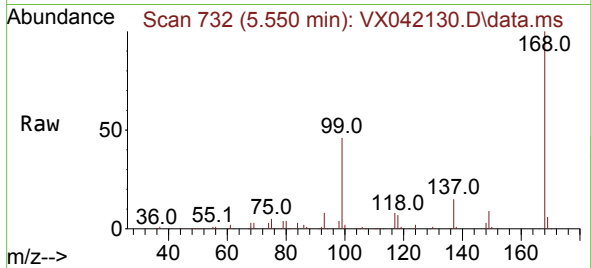




#36
1,1-Dichloropropene
Concen: 4.784 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX042130.D
Acq: 02 Jul 2024 11:25

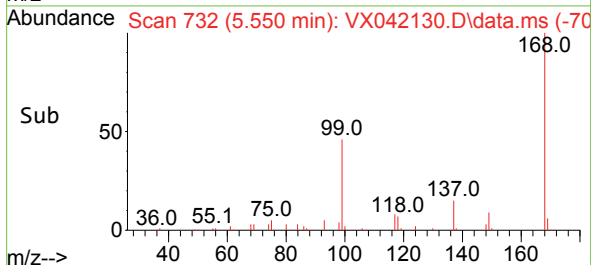
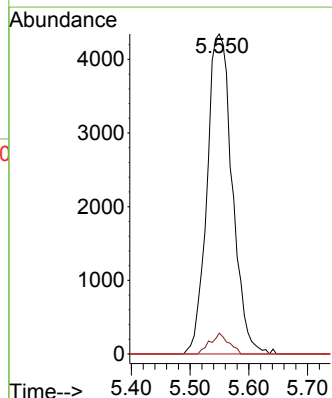
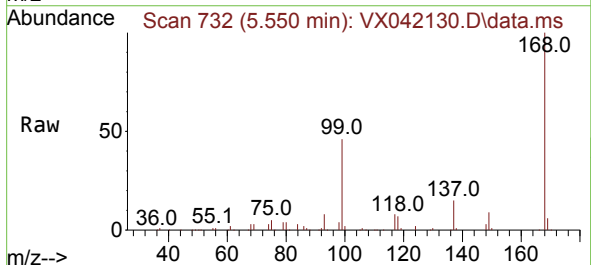
Instrument :
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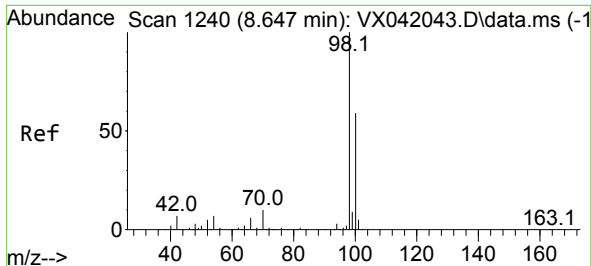
Tgt Ion: 75 Resp: 8686
Ion Ratio Lower Upper
75 100
110 9.7 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.474 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX042130.D
Acq: 02 Jul 2024 11:25

Tgt Ion: 117 Resp: 12989
Ion Ratio Lower Upper
117 100
119 6.5 78.2 117.2#
121 0.0 24.4 36.6#

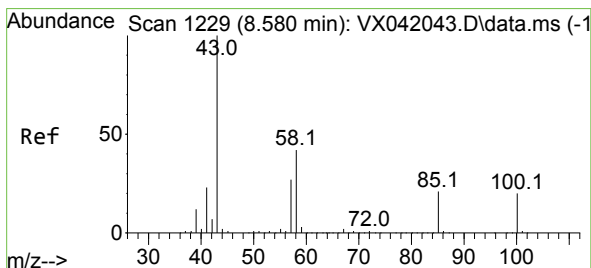
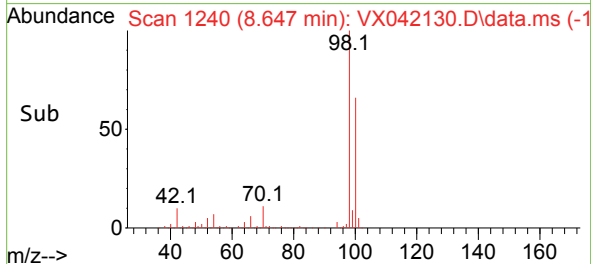
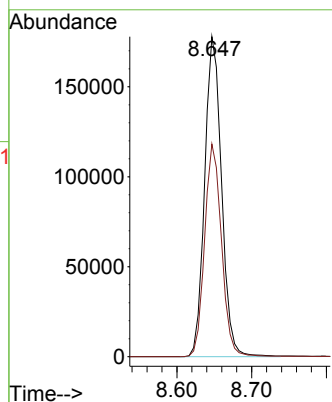
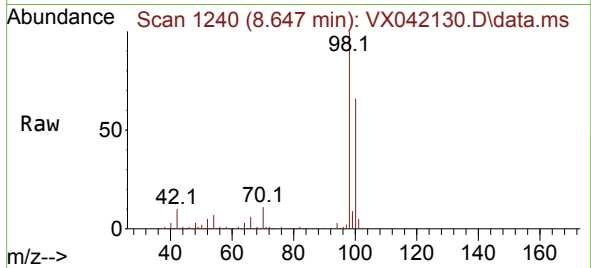




#50
Toluene-d8
Concen: 46.488 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX042130.D
Acq: 02 Jul 2024 11:25

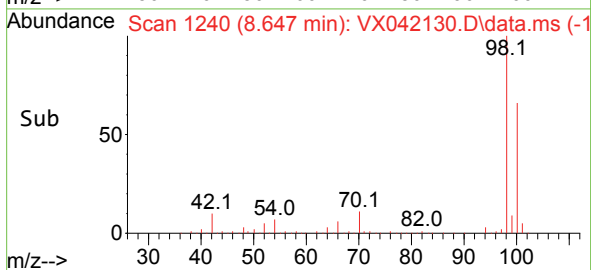
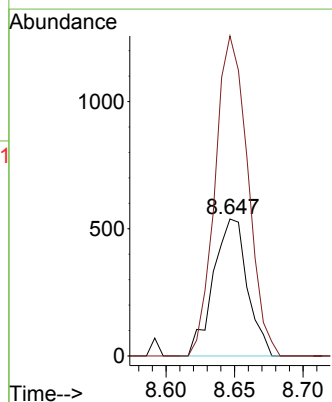
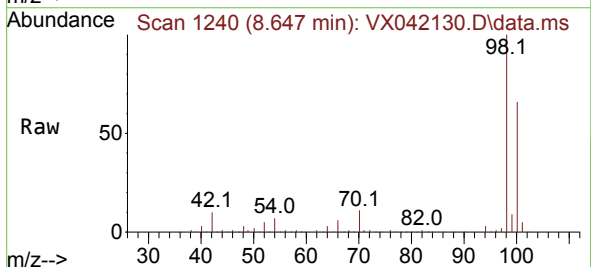
Instrument :
MSVOA_X
ClientSampleId :
VX0702WBL01

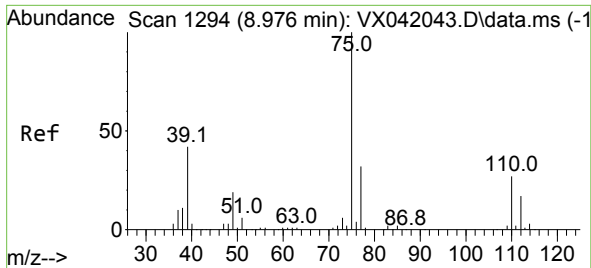
Tgt Ion: 98 Resp: 279255
Ion Ratio Lower Upper
98 100
100 66.3 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.371 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX042130.D
Acq: 02 Jul 2024 11:25

Tgt Ion: 43 Resp: 929
Ion Ratio Lower Upper
43 100
58 225.2 30.4 45.6#

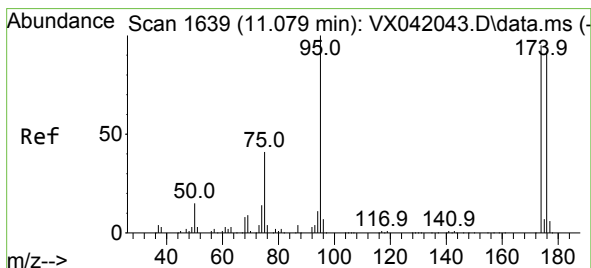
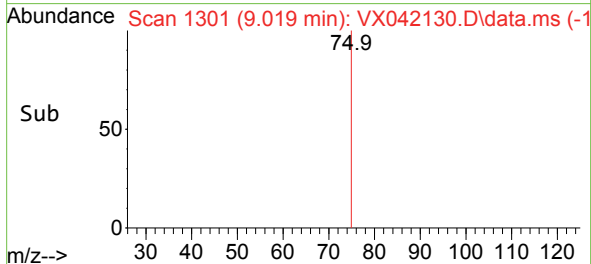
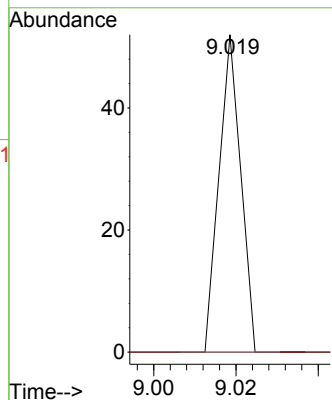
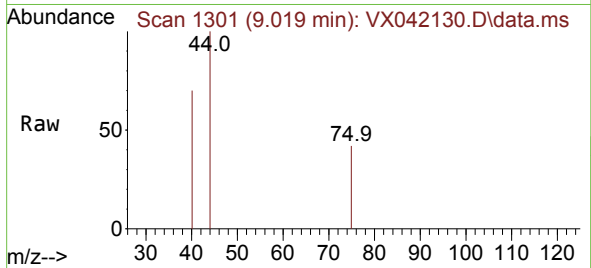




#53
t-1,3-Dichloropropene
Concen: 0.900 ug/l
RT: 9.019 min Scan# 11
Delta R.T. 0.037 min
Lab File: VX042130.D
Acq: 02 Jul 2024 11:25

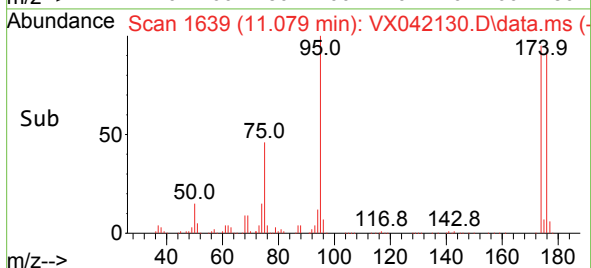
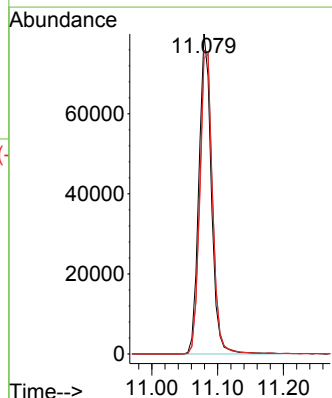
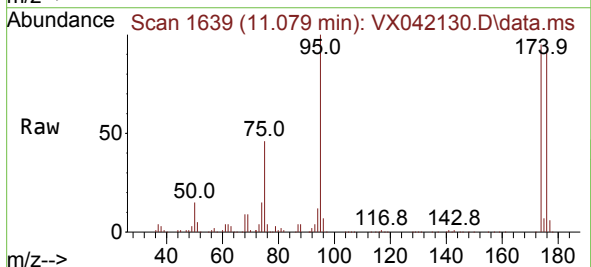
Instrument :
MSVOA_X
ClientSampleId :
VX0702WBL01

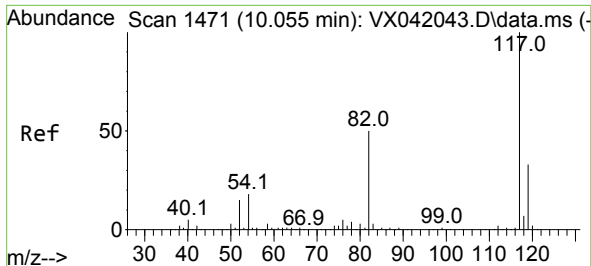
Tgt Ion: 75 Resp: 19
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#



#62
4-Bromofluorobenzene
Concen: 47.136 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042130.D
Acq: 02 Jul 2024 11:25

Tgt Ion: 95 Resp: 104374
Ion Ratio Lower Upper
95 100
174 98.7 0.0 135.6
176 95.8 0.0 131.0

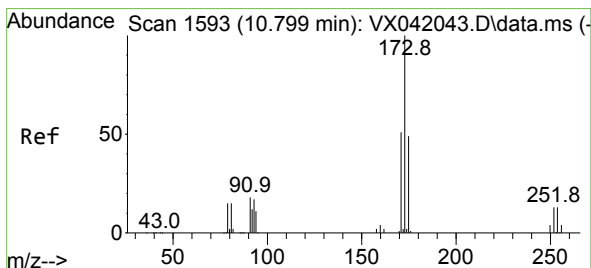
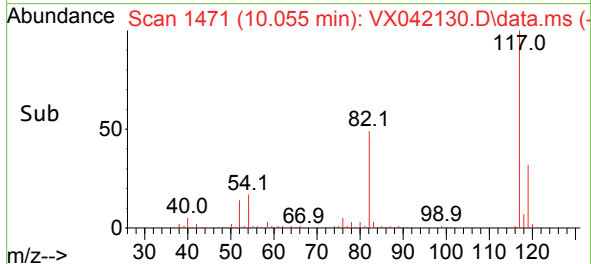
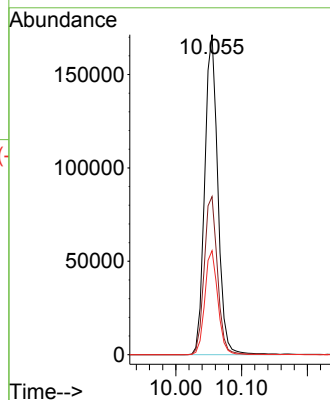
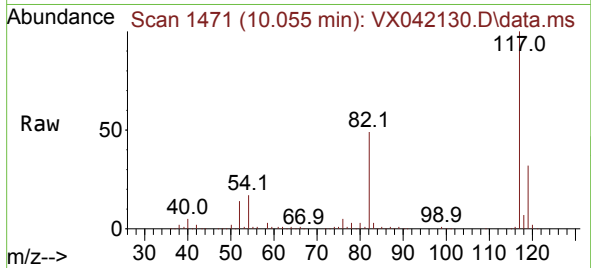




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042130.D
Acq: 02 Jul 2024 11:25

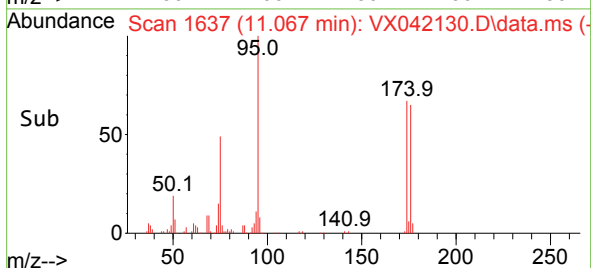
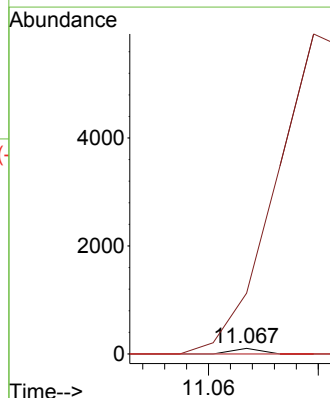
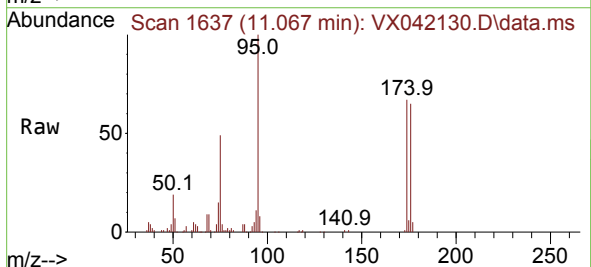
Instrument :
MSVOA_X
ClientSampleId :
VX0702WBL01

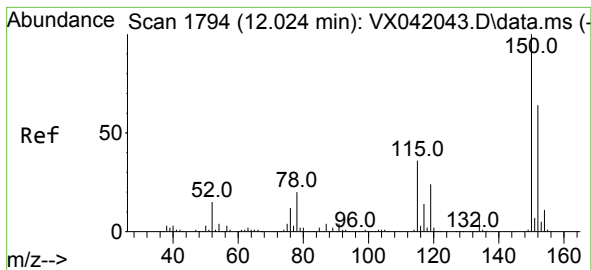
Tgt Ion:117 Resp: 237308
Ion Ratio Lower Upper
117 100
82 49.4 46.2 69.4
119 32.5 25.5 38.3



#71
Bromoform
Concen: 0.899 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.268 min
Lab File: VX042130.D
Acq: 02 Jul 2024 11:25

Tgt Ion:173 Resp: 38
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# 1

Delta R.T. -0.000 min

Lab File: VX042130.D

Acq: 02 Jul 2024 11:25

Instrument :

MSVOA_X

ClientSampleId :

VX0702WBL01

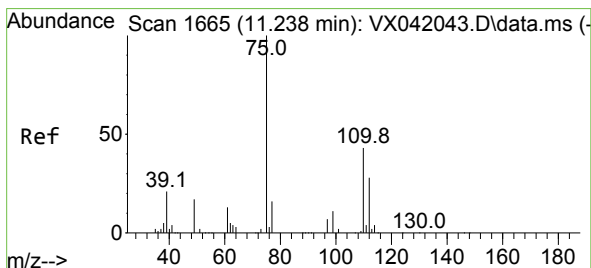
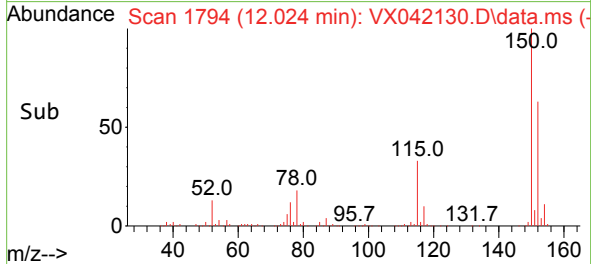
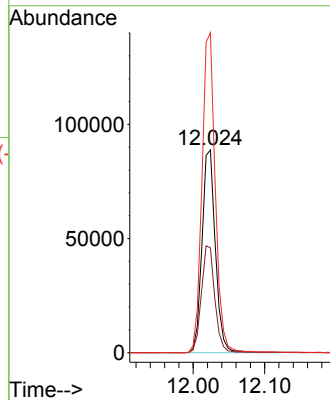
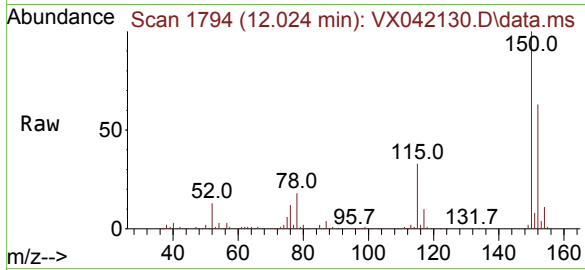
Tgt Ion:152 Resp: 115550

Ion Ratio Lower Upper

152 100

115 52.9 43.3 129.9

150 157.4 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.372 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX042130.D

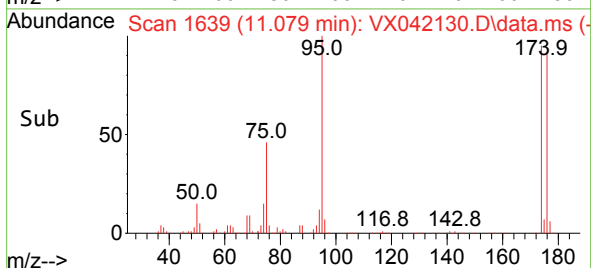
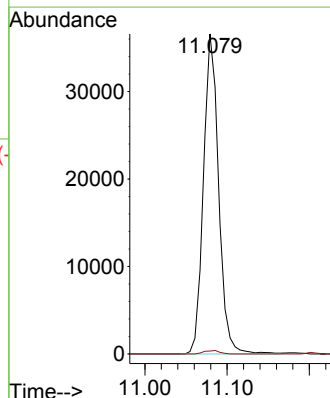
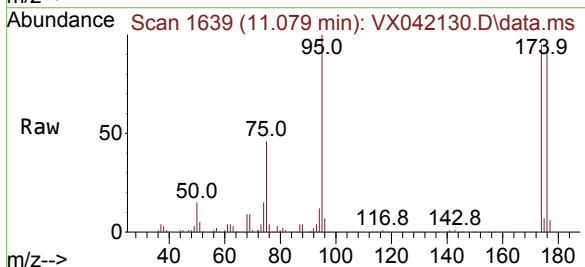
Acq: 02 Jul 2024 11:25

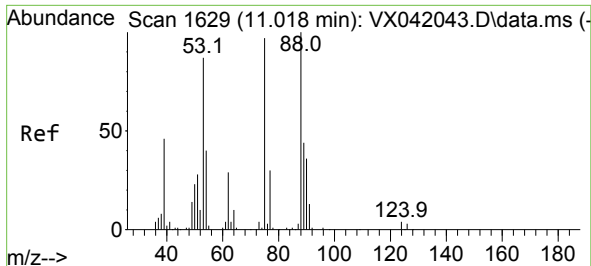
Tgt Ion: 75 Resp: 46929

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#

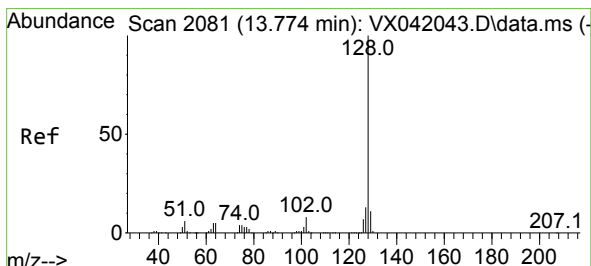
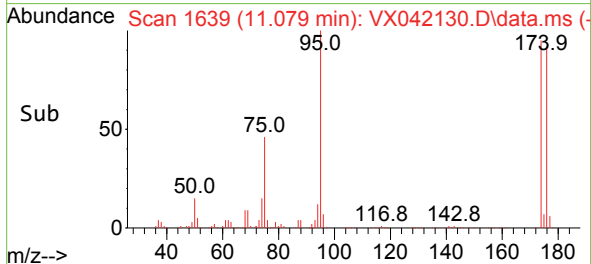
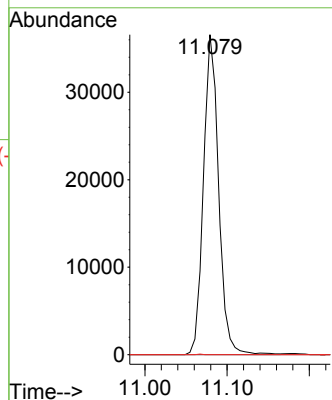
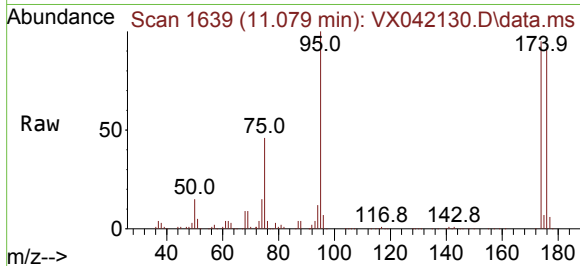




#81
trans-1,4-Dichloro-2-butene
Concen: 63.534 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX042130.D
Acq: 02 Jul 2024 11:25

Instrument :
MSVOA_X
ClientSampleId :
VX0702WBL01

Tgt Ion: 75 Resp: 46929
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.1 36.9 55.3#



#95
Naphthalene
Concen: 0.921 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX042130.D
Acq: 02 Jul 2024 11:25

Tgt Ion: 128 Resp: 1460
Ion Ratio Lower Upper
128 100
127 9.0 10.3 15.5#
129 5.5 8.8 13.2#

