

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070124\
 Data File : VX042102.D
 Acq On : 01 Jul 2024 10:25
 Operator : JC/MD
 Sample : VX0701MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701MBL01

Quant Time: Jul 01 16:05:26 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)

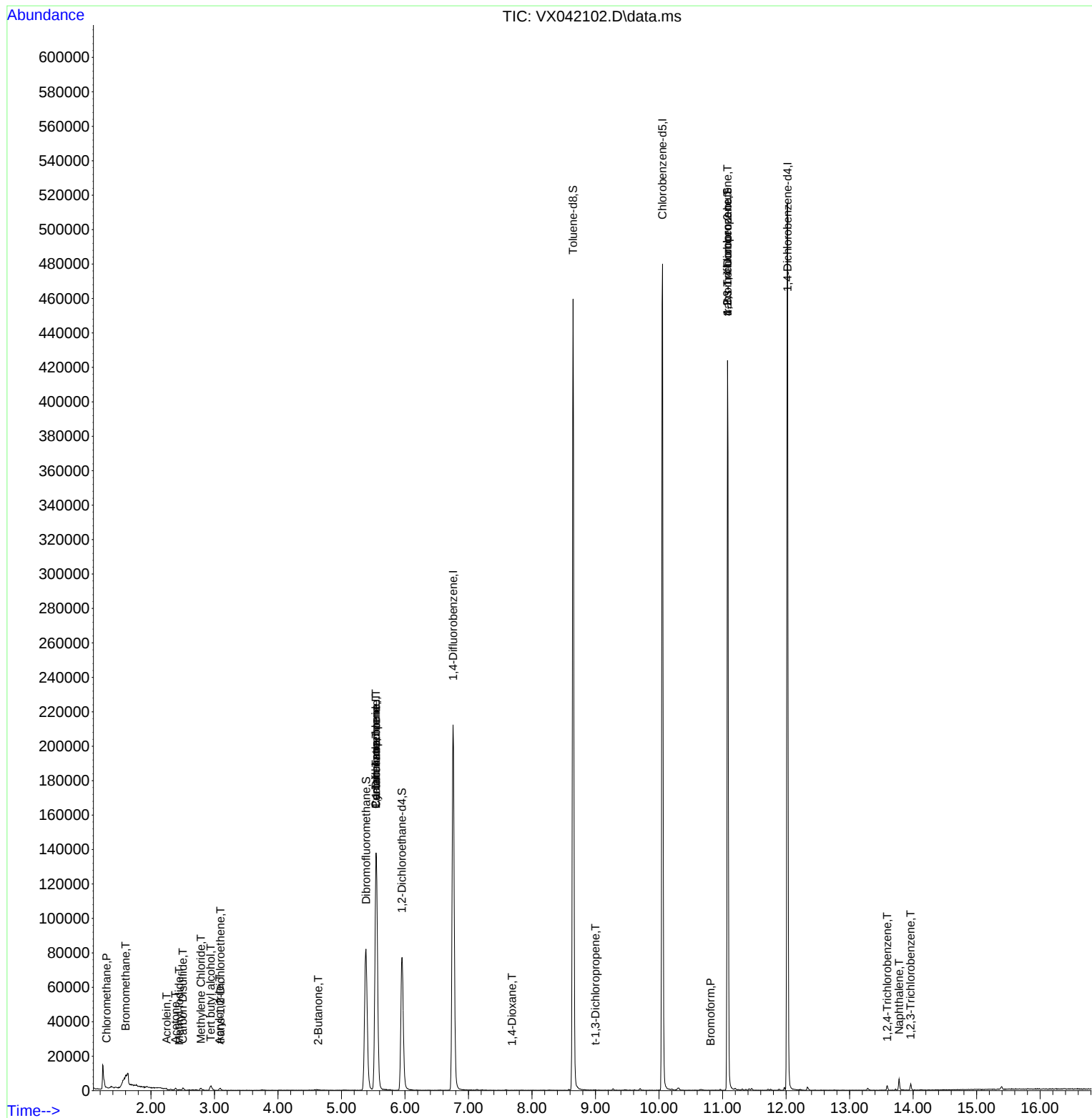
Internal Standards						
1) Pentafluorobenzene	5.543	168	155010	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	237020	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	245375	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	126908	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	75035	41.979	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	83.960%		
35) Dibromofluoromethane	5.385	113	73735	43.843	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	87.680%		
50) Toluene-d8	8.647	98	283678	48.014	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.020%		
62) 4-Bromofluorobenzene	11.079	95	111697	51.286	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.580%		
Target Compounds						
						Qvalue
3) Chloromethane	1.300	50	306	0.207	ug/l	# 43
5) Bromomethane	1.599	94	439	0.599	ug/l	91
6) Chloroethane	1.660	64	161	Below Cal	#	43
10) Methyl Iodide	2.446	142	384	0.231	ug/l	# 59
11) Tert butyl alcohol	2.940	59	1930	5.689	ug/l	# 78
13) Acrolein	2.245	56	471	1.239	ug/l	98
15) Acrylonitrile	3.081	53	559	0.631	ug/l	# 87
16) Acetone	2.386	43	1136	1.447	ug/l	95
17) Carbon Disulfide	2.501	76	1602	0.588	ug/l	# 93
20) Methylene Chloride	2.788	84	789	0.459	ug/l	# 82
21) trans-1,2-Dichloroethene	3.093	96	363	0.268	ug/l	# 58
25) 2-Butanone	4.635	43	282	0.231	ug/l	# 51
31) Cyclohexane	5.543	56	2047	0.979	ug/l	# 1
36) 1,1-Dichloropropene	5.543	75	8657	4.847	ug/l	# 51
38) Carbon Tetrachloride	5.543	117	12846	6.510	ug/l	# 15
49) 1,4-Dioxane	7.683	88	20	20.366	ug/l	# 12
53) t-1,3-Dichloropropene	9.000	75	159	0.968	ug/l	90
71) Bromoform	10.811	173	49	0.905	ug/l	# 29
76) 1,2,3-Trichloropropane	11.079	75	49854	21.639	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	49854	61.453	ug/l	# 5
93) 1,2,4-Trichlorobenzene	13.591	180	1128	0.417	ug/l	93
95) Naphthalene	13.780	128	5187	1.309	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	1320	0.462	ug/l	96

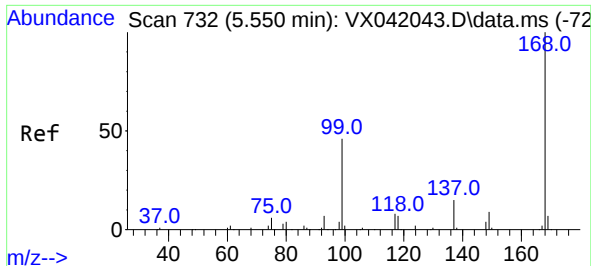
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070124\
Data File : VX042102.D
Acq On : 01 Jul 2024 10:25
Operator : JC/MD
Sample : VX0701MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0701MBL01

Quant Time: Jul 01 16:05:26 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

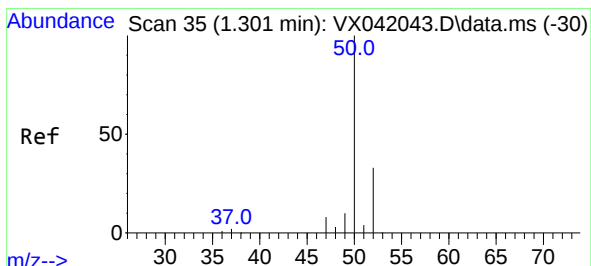
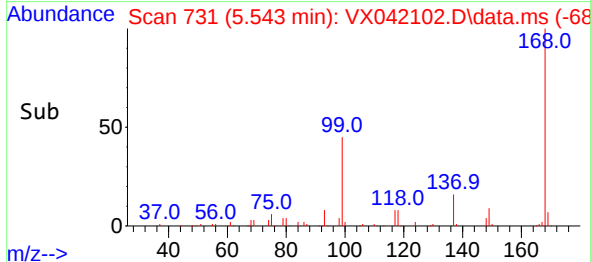
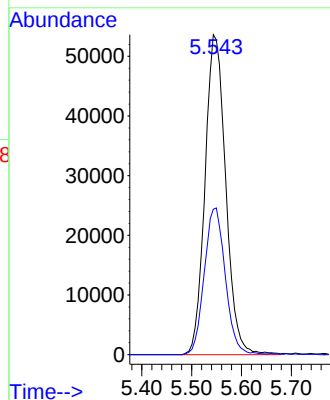
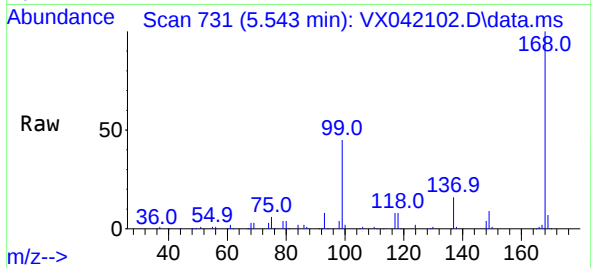




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX042102.D
Acq: 01 Jul 2024 10:25

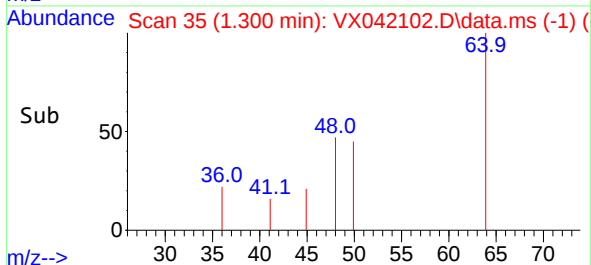
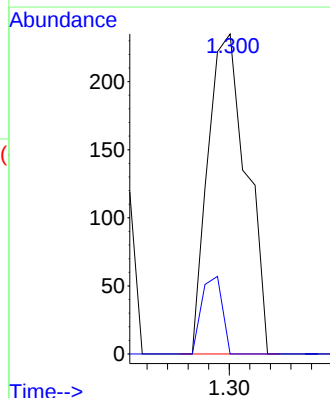
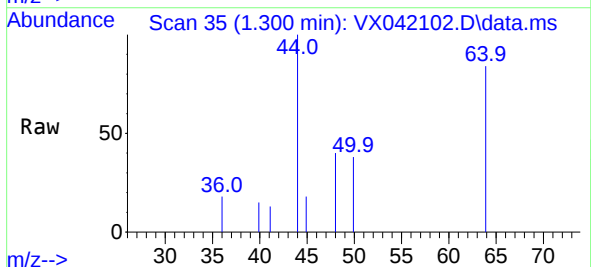
Instrument :
MSVOA_X
ClientSampleId :
VX0701MBL01

Tgt Ion:168 Resp: 155010
Ion Ratio Lower Upper
168 100
99 45.4 56.6 85.0#

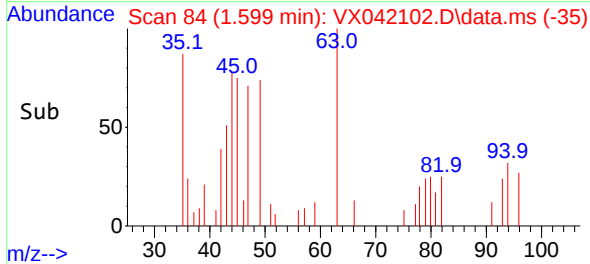
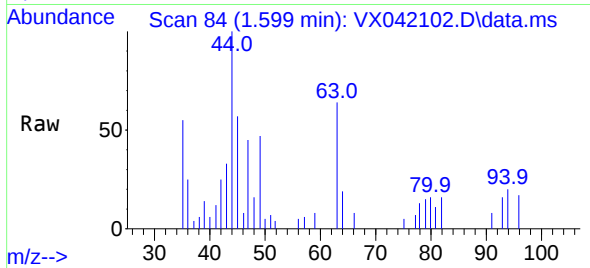
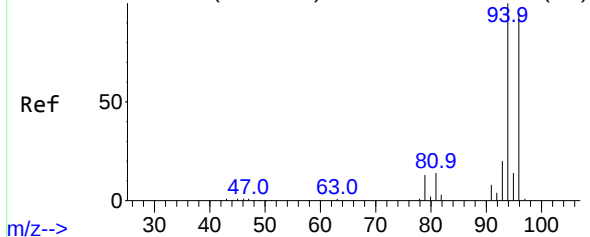


#3
Chloromethane
Concen: 0.207 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX042102.D
Acq: 01 Jul 2024 10:25

Tgt Ion: 50 Resp: 306
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#



Abundance Scan 84 (1.599 min): VX042043.D\data.ms (-78)



#5

Bromomethane

Concen: 0.599 ug/l

RT: 1.599 min Scan# 84

Delta R.T. 0.000 min

Lab File: VX042102.D

Acq: 01 Jul 2024 10:25

Instrument :

MSVOA_X

ClientSampleId :

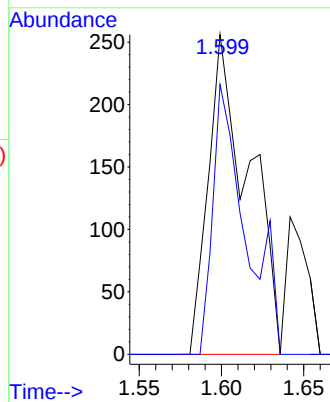
VX0701MBL01

Tgt Ion: 94 Resp: 439

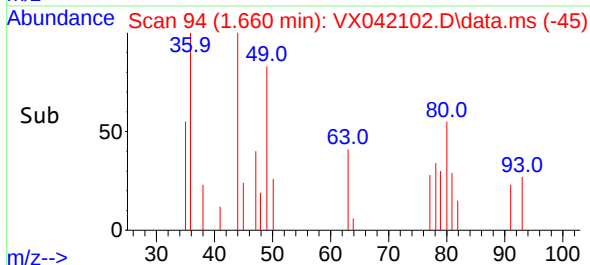
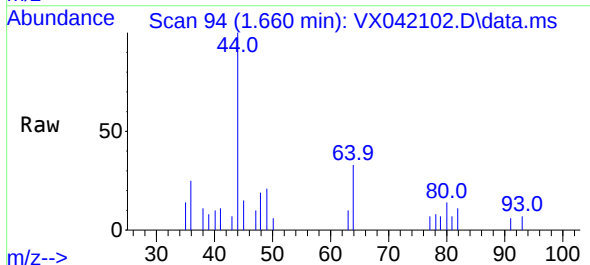
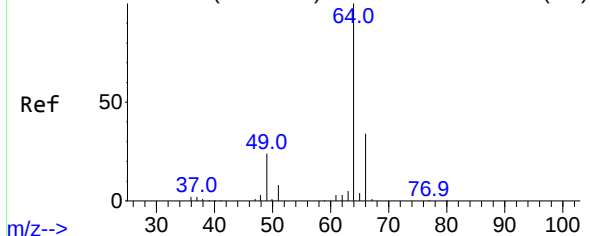
Ion Ratio Lower Upper

94 100

96 84.4 74.6 111.8



Abundance Scan 95 (1.666 min): VX042043.D\data.ms (-89)



#6

Chloroethane

Concen: Below Cal

RT: 1.660 min Scan# 94

Delta R.T. 0.000 min

Lab File: VX042102.D

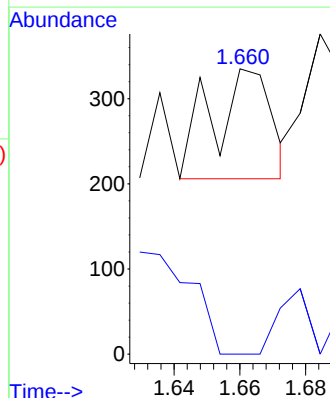
Acq: 01 Jul 2024 10:25

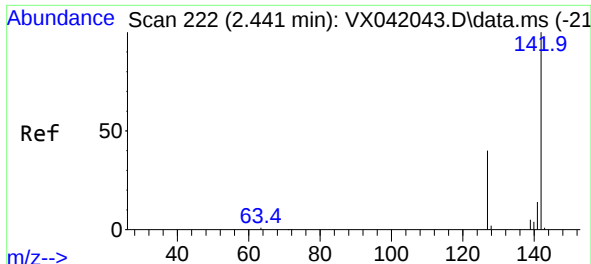
Tgt Ion: 64 Resp: 161

Ion Ratio Lower Upper

64 100

66 0.0 25.1 37.7#





#10

Methyl Iodide

Concen: 0.231 ug/l

RT: 2.446 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX042102.D

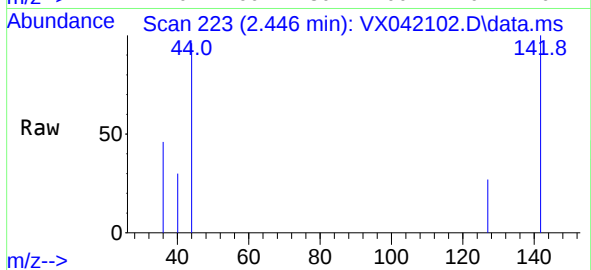
Acq: 01 Jul 2024 10:25

Instrument :

MSVOA_X

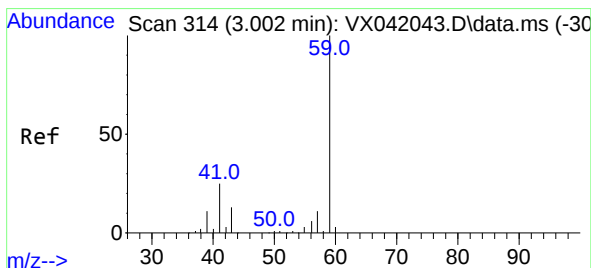
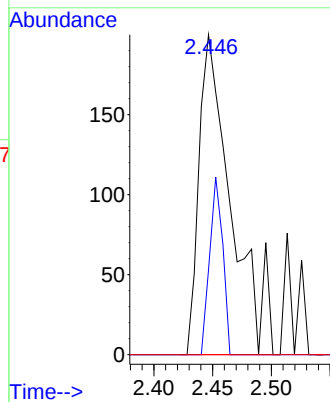
ClientSampleId :

VX0701MBL01



Tgt Ion:142 Resp: 384

Ion	Ratio	Lower	Upper
142	100		
127	22.1	41.6	62.4#
141	0.0	11.6	17.4#



#11

Tert butyl alcohol

Concen: 5.689 ug/l

RT: 2.940 min Scan# 304

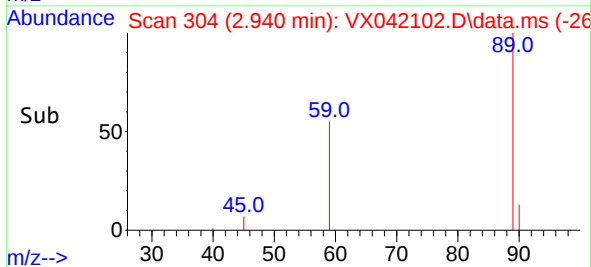
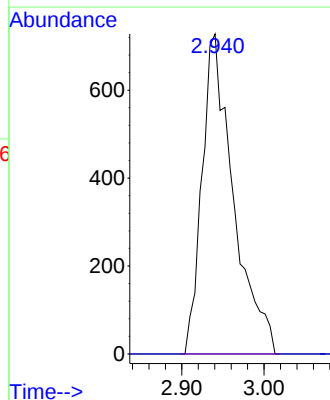
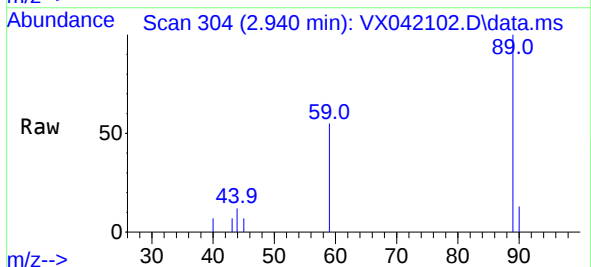
Delta R.T. -0.067 min

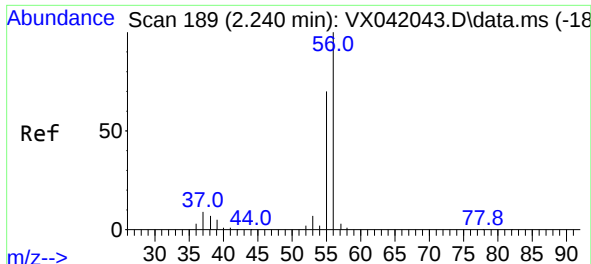
Lab File: VX042102.D

Acq: 01 Jul 2024 10:25

Tgt Ion: 59 Resp: 1930

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.0	9.0#

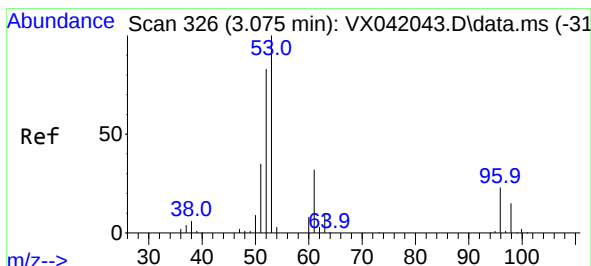
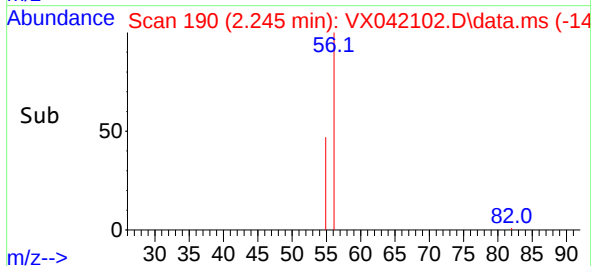
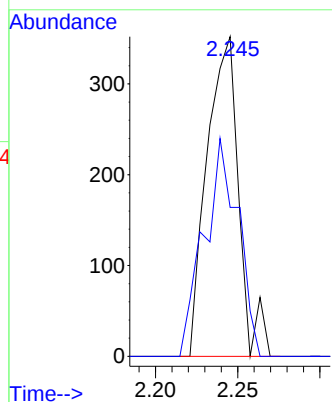
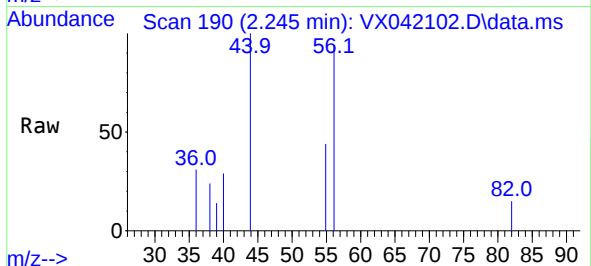




#13
Acrolein
Concen: 1.239 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX042102.D
Acq: 01 Jul 2024 10:25

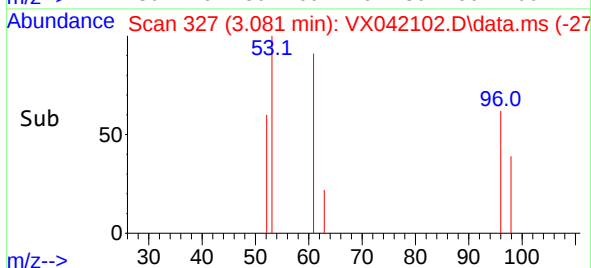
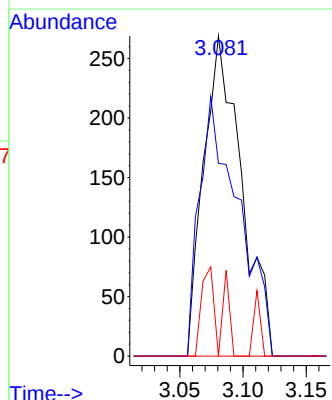
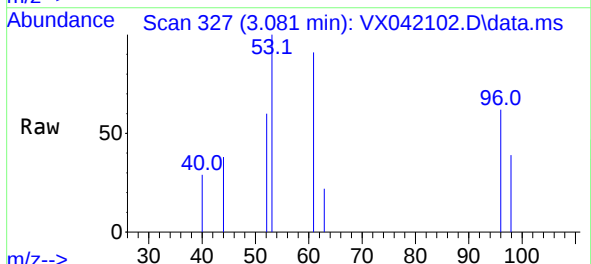
Instrument :
MSVOA_X
ClientSampleId :
VX0701MBL01

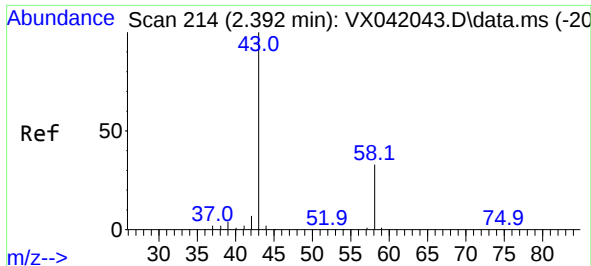
Tgt Ion: 56 Resp: 471
Ion Ratio Lower Upper
56 100
55 73.2 57.1 85.7



#15
Acrylonitrile
Concen: 0.631 ug/l
RT: 3.081 min Scan# 327
Delta R.T. 0.006 min
Lab File: VX042102.D
Acq: 01 Jul 2024 10:25

Tgt Ion: 53 Resp: 559
Ion Ratio Lower Upper
53 100
52 83.9 66.0 99.0
51 13.8 29.8 44.6#

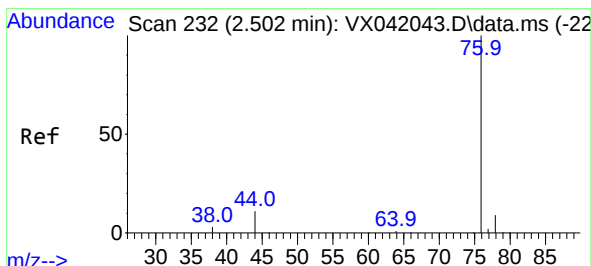
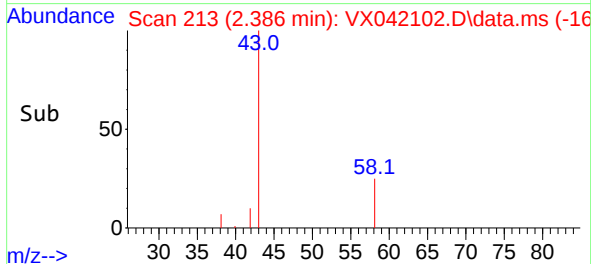
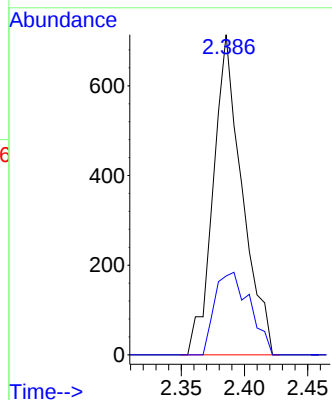
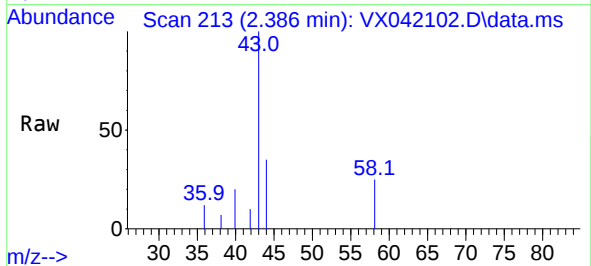




#16
Acetone
Concen: 1.447 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX042102.D
Acq: 01 Jul 2024 10:25

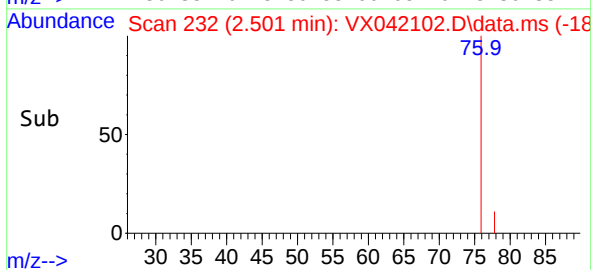
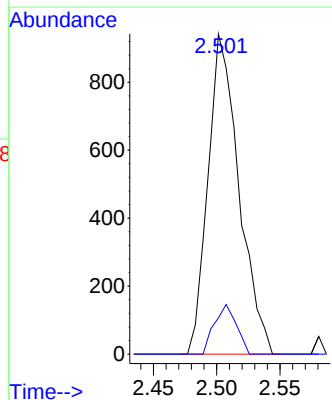
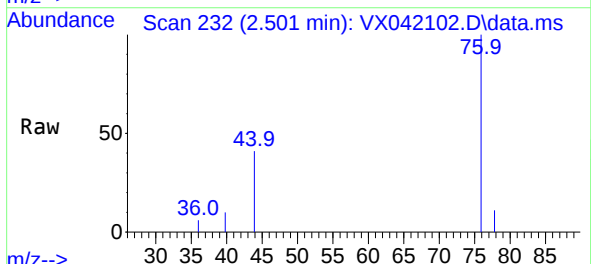
Instrument :
MSVOA_X
ClientSampleId :
VX0701MBL01

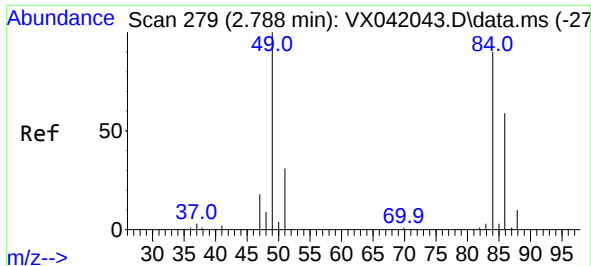
Tgt Ion: 43 Resp: 1136
Ion Ratio Lower Upper
43 100
58 24.6 21.9 32.9



#17
Carbon Disulfide
Concen: 0.588 ug/l
RT: 2.501 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX042102.D
Acq: 01 Jul 2024 10:25

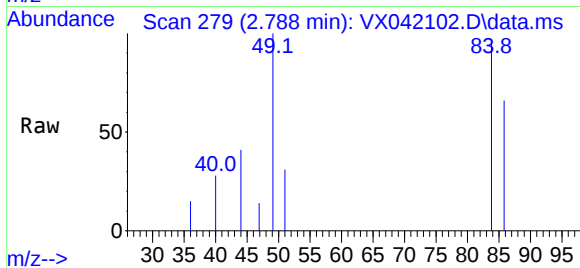
Tgt Ion: 76 Resp: 1602
Ion Ratio Lower Upper
76 100
78 11.3 7.0 10.6#





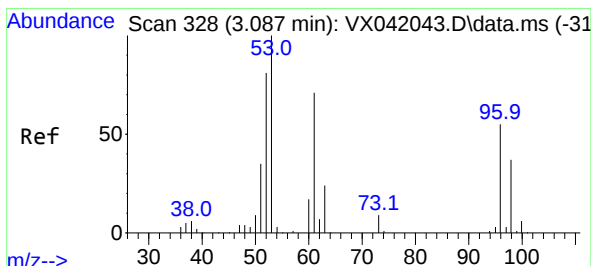
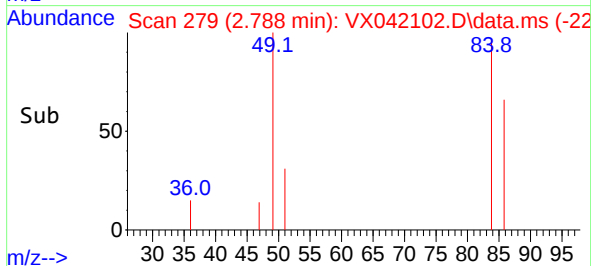
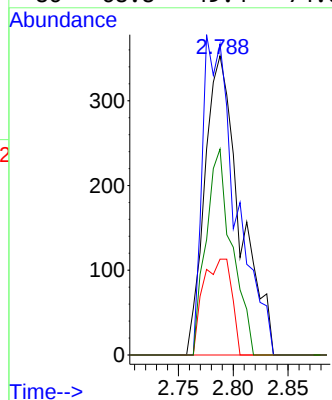
#20
Methylene Chloride
Concen: 0.459 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX042102.D
Acq: 01 Jul 2024 10:25

Instrument :
MSVOA_X
ClientSampleId :
VX0701MBL01



Tgt Ion: 84 Resp: 789

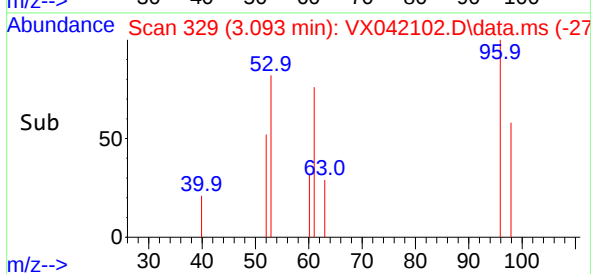
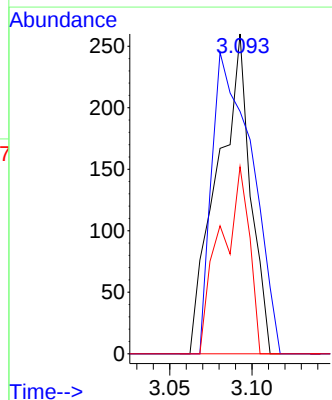
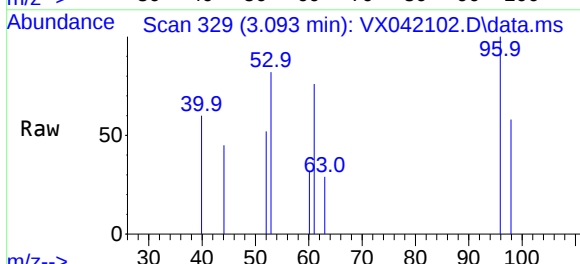
Ion	Ratio	Lower	Upper
84	100		
49	104.0	103.6	155.4
51	32.0	33.8	50.6#
86	68.8	49.4	74.0

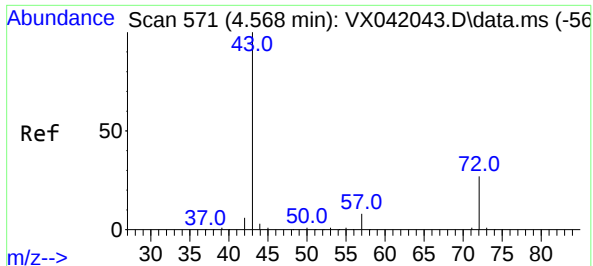


#21
trans-1,2-Dichloroethene
Concen: 0.268 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.006 min
Lab File: VX042102.D
Acq: 01 Jul 2024 10:25

Tgt Ion: 96 Resp: 363

Ion	Ratio	Lower	Upper
96	100		
61	75.8	119.2	178.8#
98	58.5	48.7	73.1

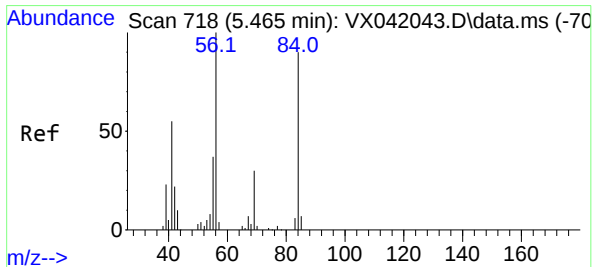
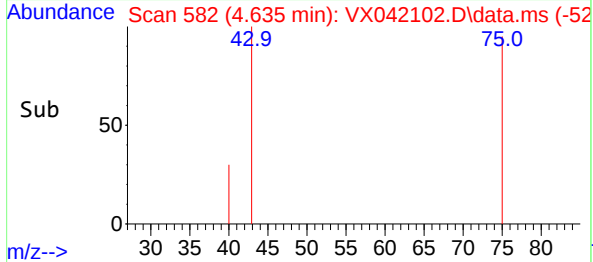
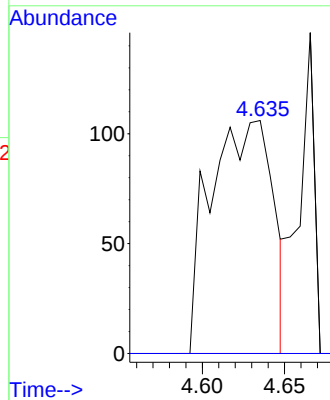
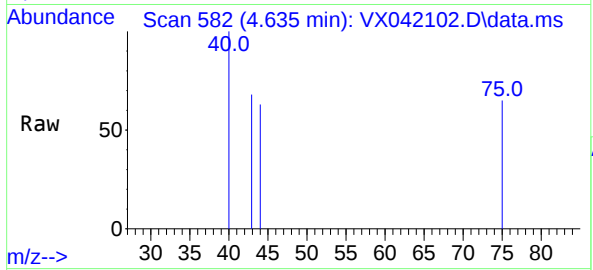




#25
2-Butanone
Concen: 0.231 ug/l
RT: 4.635 min Scan# 51
Delta R.T. 0.061 min
Lab File: VX042102.D
Acq: 01 Jul 2024 10:25

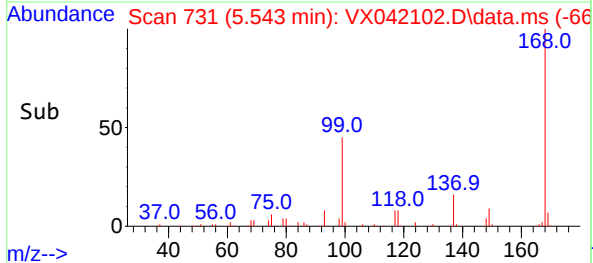
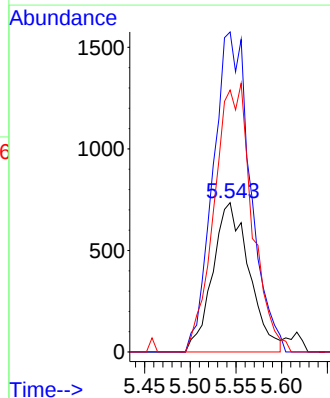
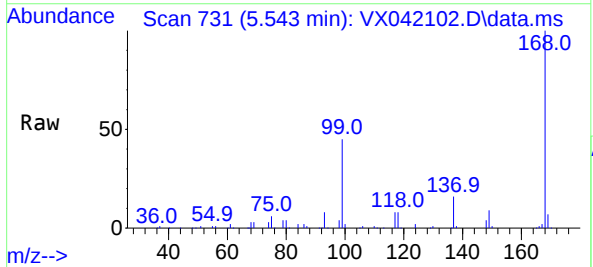
Instrument :
MSVOA_X
ClientSampleId :
VX0701MBL01

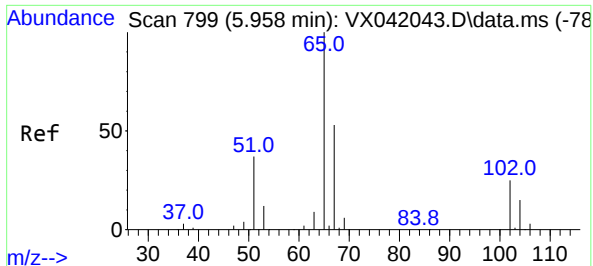
Tgt Ion: 43 Resp: 282
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#31
Cyclohexane
Concen: 0.979 ug/l
RT: 5.543 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX042102.D
Acq: 01 Jul 2024 10:25

Tgt Ion: 56 Resp: 2047
Ion Ratio Lower Upper
56 100
69 214.4 23.4 35.2#
84 175.5 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 41.979 ug/l

RT: 5.952 min Scan# 79

Delta R.T. -0.006 min

Lab File: VX042102.D

Acq: 01 Jul 2024 10:25

Instrument :

MSVOA_X

ClientSampleId :

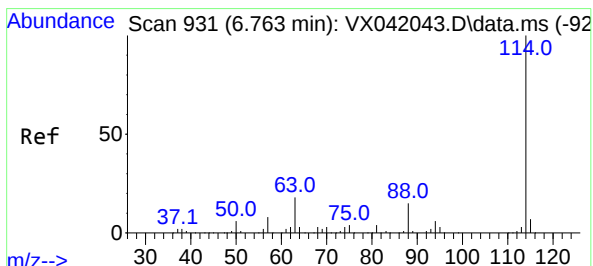
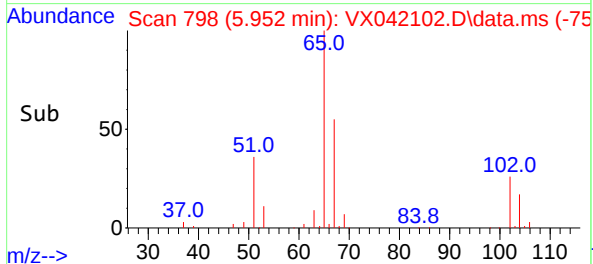
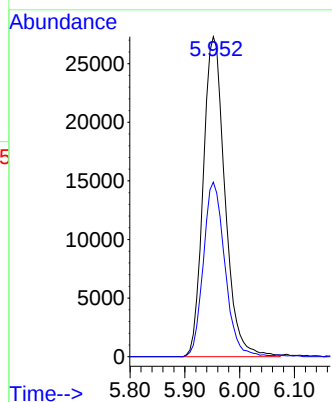
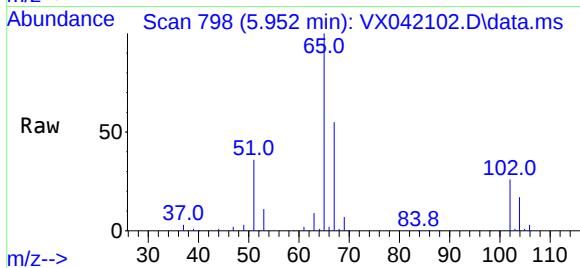
VX0701MBL01

Tgt Ion: 65 Resp: 75035

Ion Ratio Lower Upper

65 100

67 54.1 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX042102.D

Acq: 01 Jul 2024 10:25

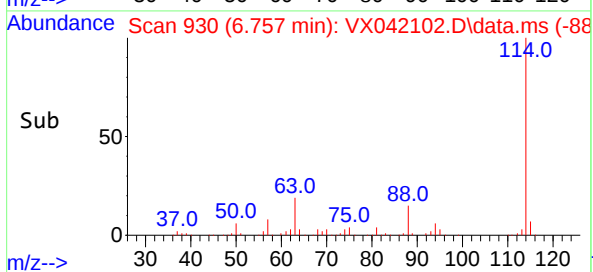
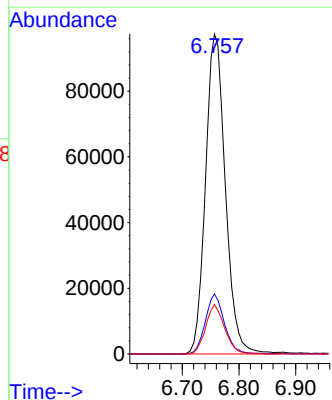
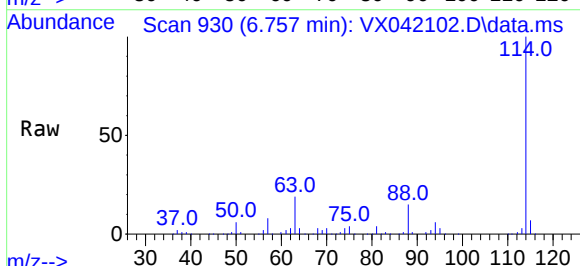
Tgt Ion: 114 Resp: 237020

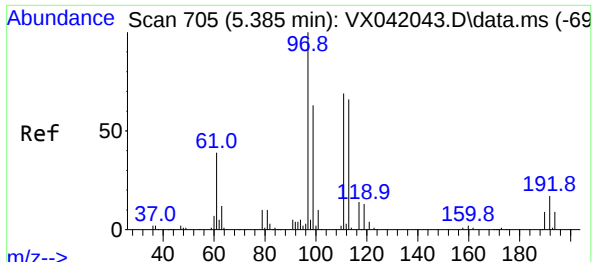
Ion Ratio Lower Upper

114 100

63 18.7 0.0 45.0

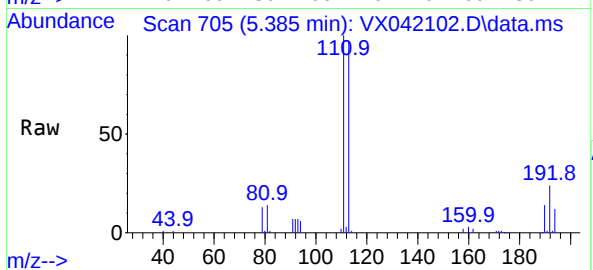
88 15.4 0.0 36.6



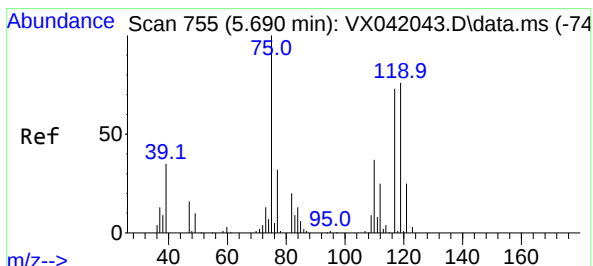
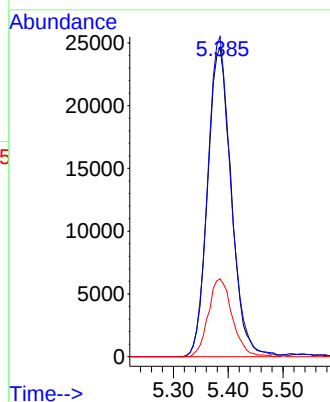
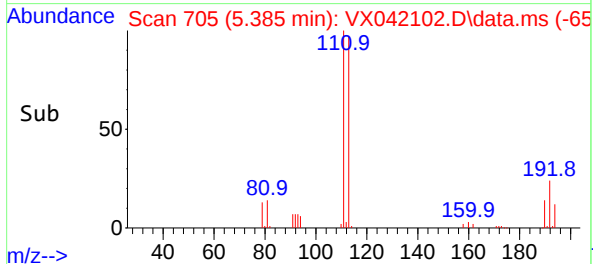


#35
Dibromofluoromethane
Concen: 43.843 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042102.D
Acq: 01 Jul 2024 10:25

Instrument :
MSVOA_X
ClientSampleId :
VX0701MBL01

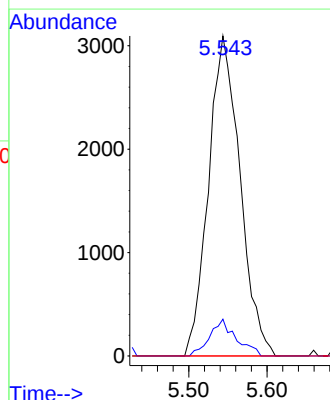
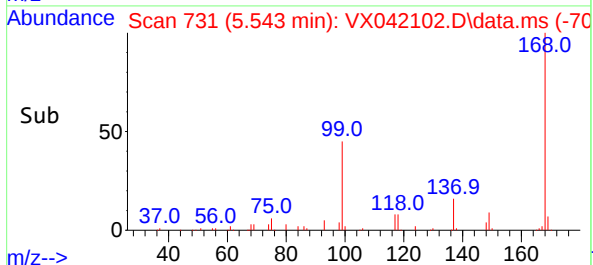
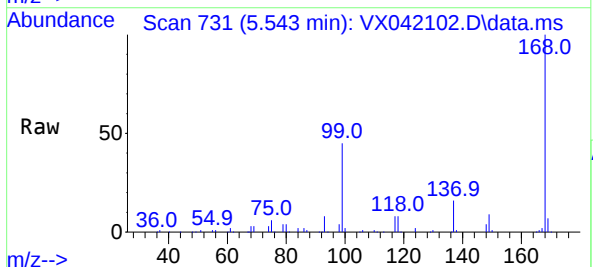


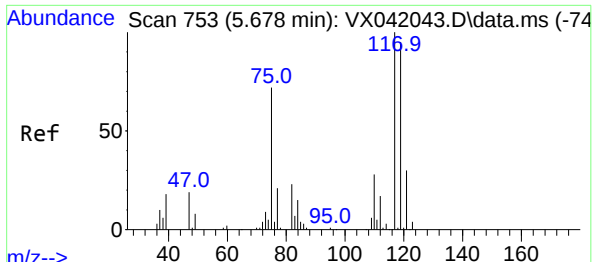
Tgt Ion:113 Resp: 73735
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 25.6 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 4.847 ug/l
RT: 5.543 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX042102.D
Acq: 01 Jul 2024 10:25

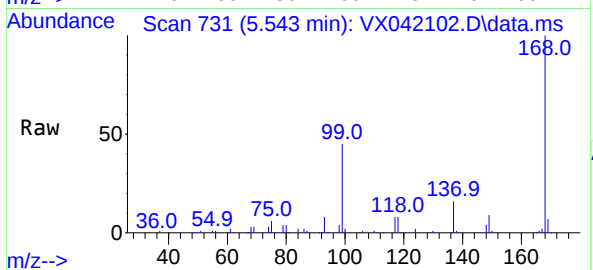
Tgt Ion: 75 Resp: 8657
Ion Ratio Lower Upper
75 100
110 9.6 17.0 50.9#
77 0.0 24.7 37.1#



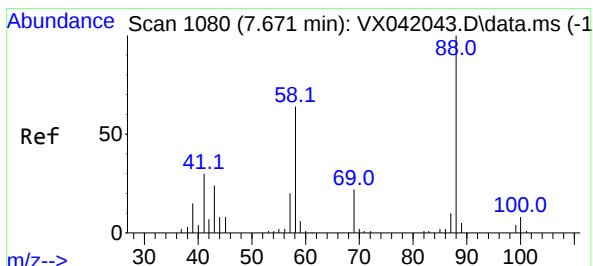
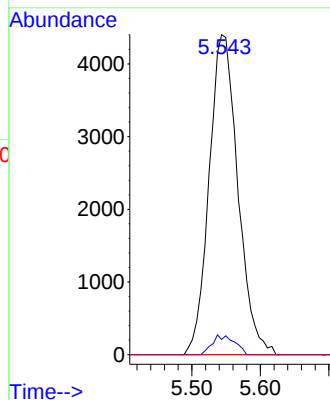
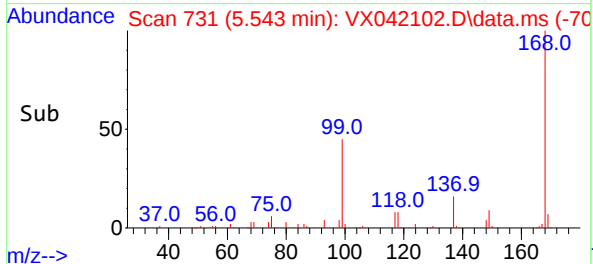


#38
Carbon Tetrachloride
Concen: 6.510 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX042102.D
Acq: 01 Jul 2024 10:25

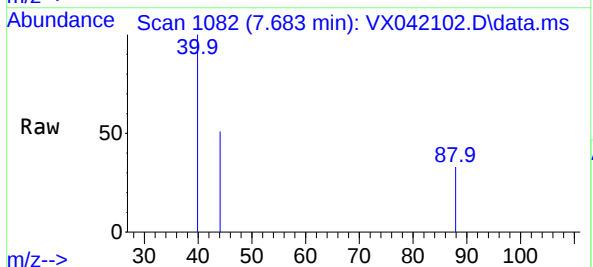
Instrument :
MSVOA_X
ClientSampleId :
VX0701MBL01



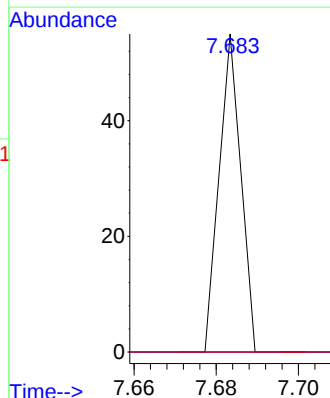
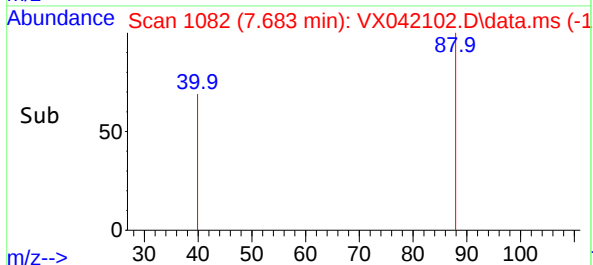
Tgt Ion:117 Resp: 12846
Ion Ratio Lower Upper
117 100
119 4.8 78.2 117.2#
121 0.0 24.4 36.6#

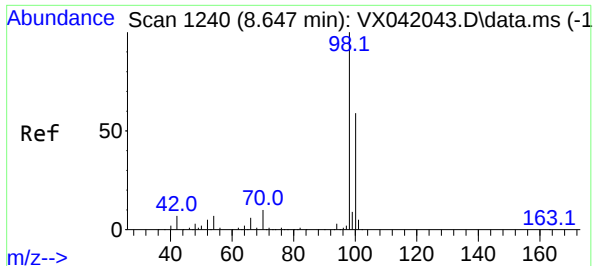


#49
1,4-Dioxane
Concen: 20.366 ug/l
RT: 7.683 min Scan# 1082
Delta R.T. 0.018 min
Lab File: VX042102.D
Acq: 01 Jul 2024 10:25



Tgt Ion: 88 Resp: 20
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 60.1 90.1#

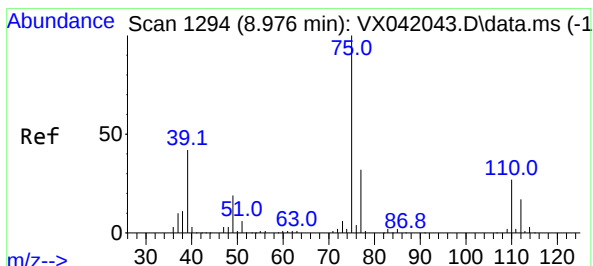
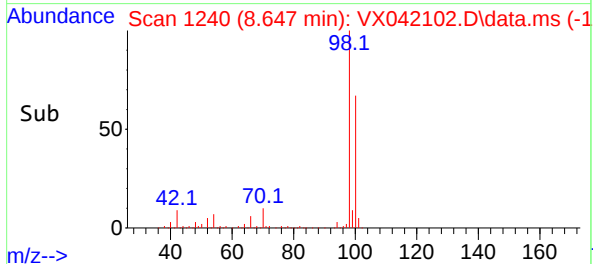
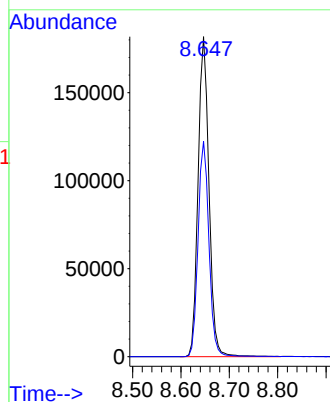
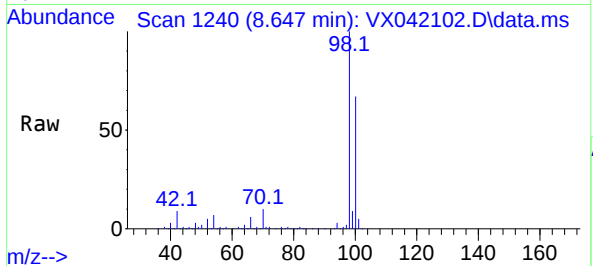




#50
Toluene-d8
Concen: 48.014 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042102.D
Acq: 01 Jul 2024 10:25

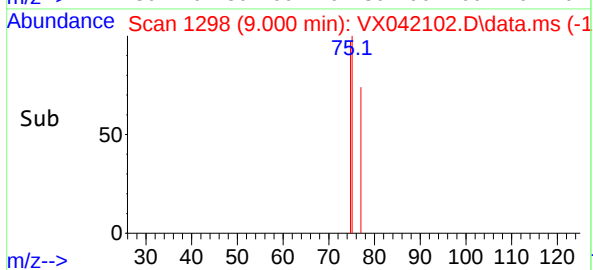
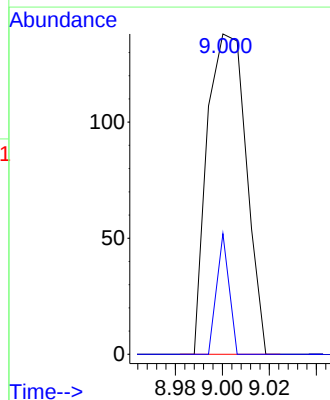
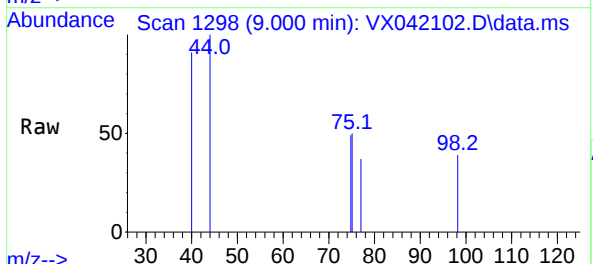
Instrument :
MSVOA_X
ClientSampleId :
VX0701MBL01

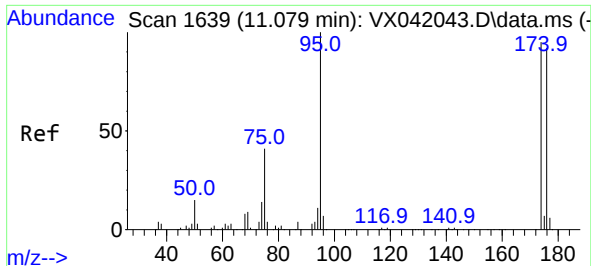
Tgt Ion: 98 Resp: 283678
Ion Ratio Lower Upper
98 100
100 67.4 53.1 79.7



#53
t-1,3-Dichloropropene
Concen: 0.968 ug/l
RT: 9.000 min Scan# 1298
Delta R.T. 0.018 min
Lab File: VX042102.D
Acq: 01 Jul 2024 10:25

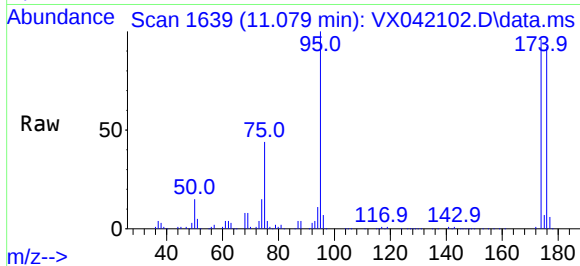
Tgt Ion: 75 Resp: 159
Ion Ratio Lower Upper
75 100
77 37.7 25.7 38.5



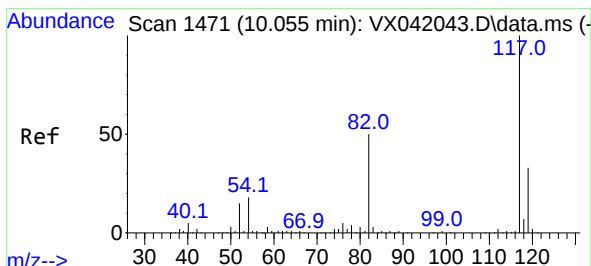
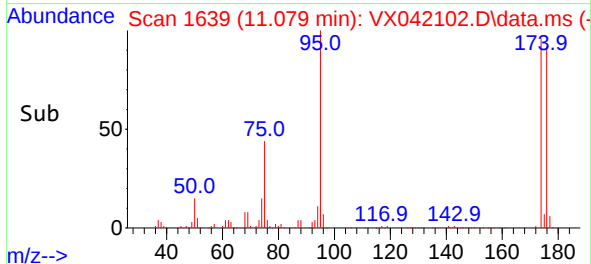
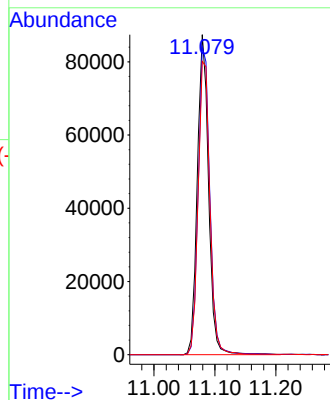


#62
4-Bromofluorobenzene
Concen: 51.286 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX042102.D
Acq: 01 Jul 2024 10:25

Instrument :
MSVOA_X
ClientSampleId :
VX0701MBL01

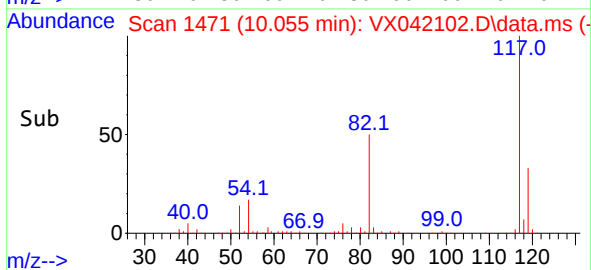
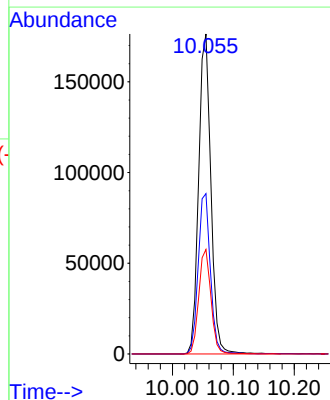
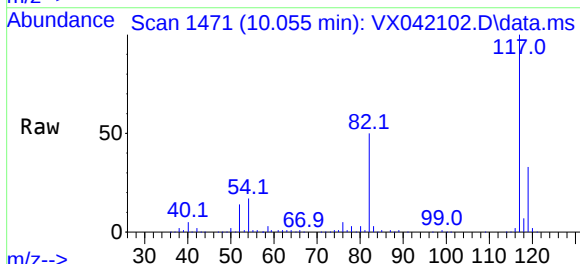


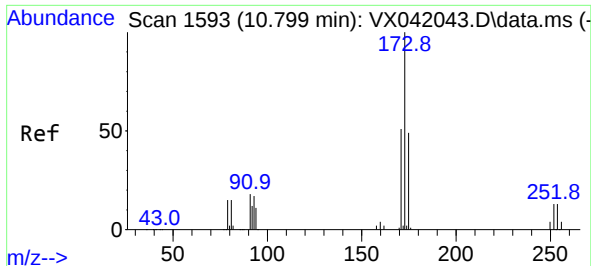
Tgt Ion: 95 Resp: 111697
Ion Ratio Lower Upper
95 100
174 99.4 0.0 135.6
176 96.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042102.D
Acq: 01 Jul 2024 10:25

Tgt Ion: 117 Resp: 245375
Ion Ratio Lower Upper
117 100
82 50.1 46.2 69.4
119 32.6 25.5 38.3

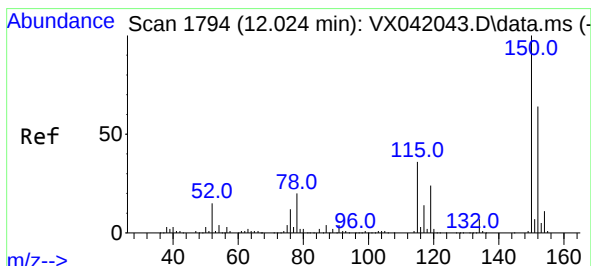
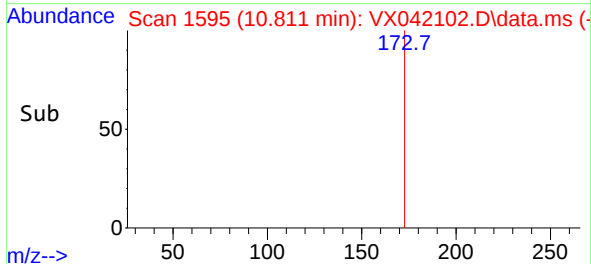
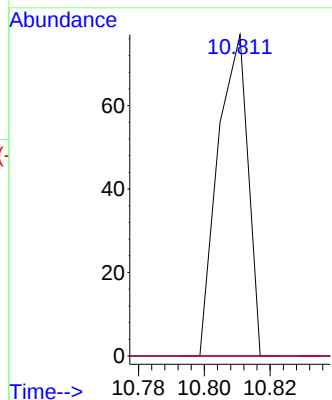
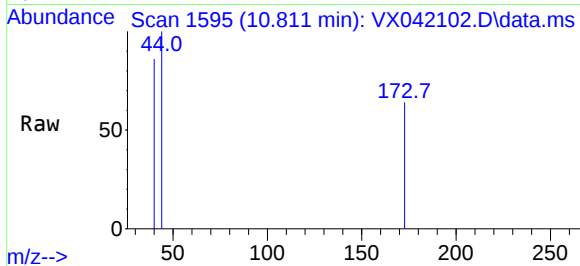




#71
Bromoform
Concen: 0.905 ug/l
RT: 10.811 min Scan# 1595
Delta R.T. 0.012 min
Lab File: VX042102.D
Acq: 01 Jul 2024 10:25

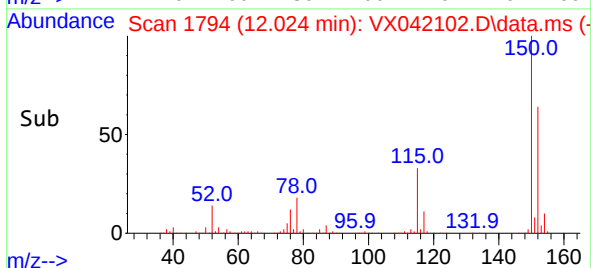
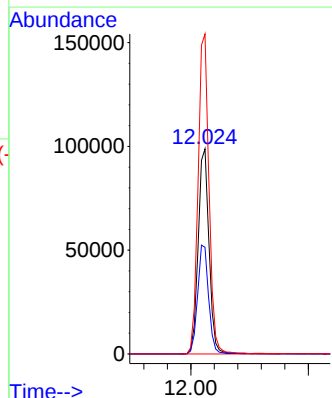
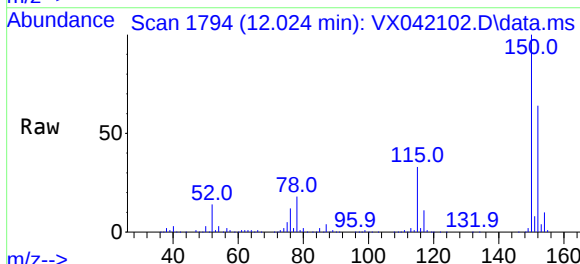
Instrument :
MSVOA_X
ClientSampleId :
VX0701MBL01

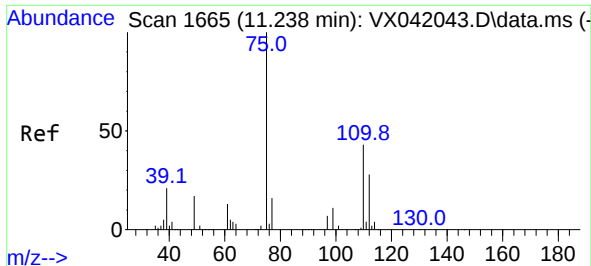
Tgt Ion:173 Resp: 49
Ion Ratio Lower Upper
173 100
175 0.0 24.1 72.4#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX042102.D
Acq: 01 Jul 2024 10:25

Tgt Ion:152 Resp: 126908
Ion Ratio Lower Upper
152 100
115 53.7 43.3 129.9
150 156.4 0.0 345.0

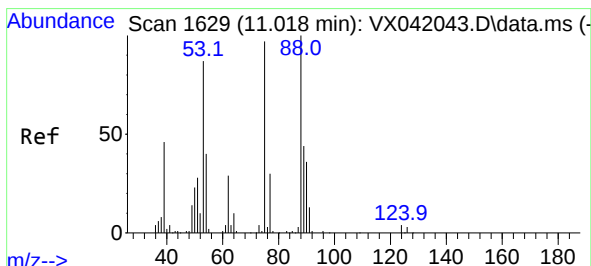
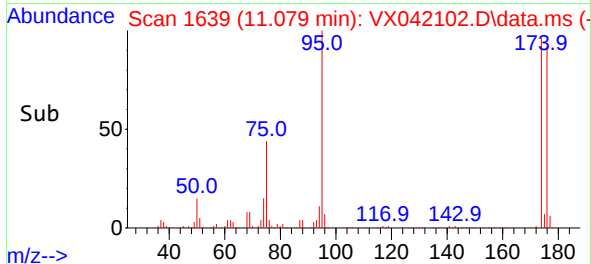
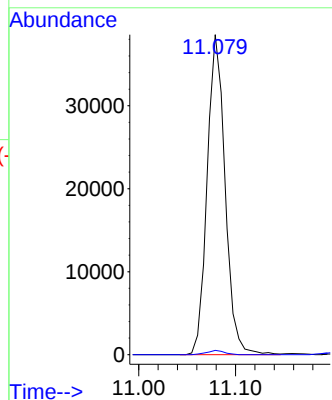
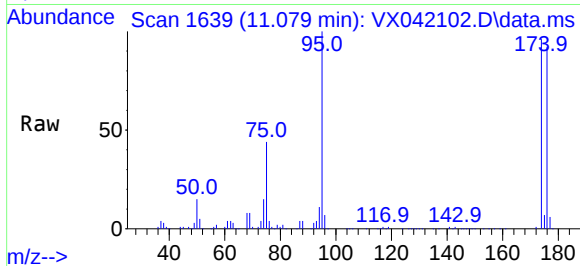




#76
1,2,3-Trichloropropane
Concen: 21.639 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX042102.D
Acq: 01 Jul 2024 10:25

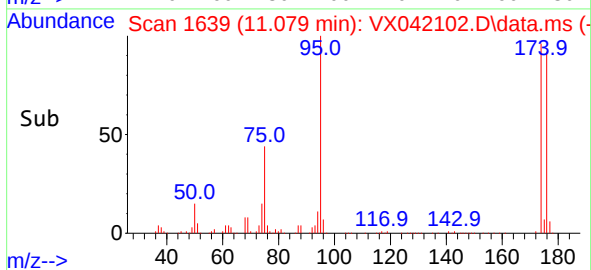
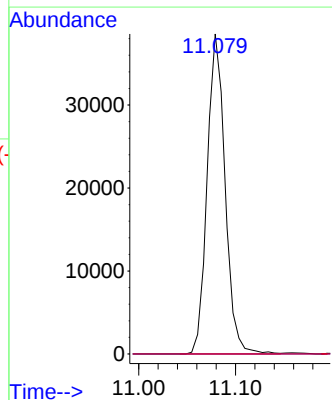
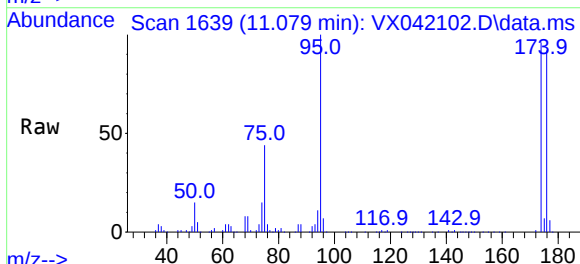
Instrument :
MSVOA_X
ClientSampleId :
VX0701MBL01

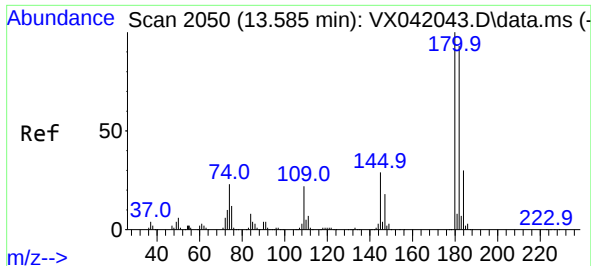
Tgt Ion: 75 Resp: 49854
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.453 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX042102.D
Acq: 01 Jul 2024 10:25

Tgt Ion: 75 Resp: 49854
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

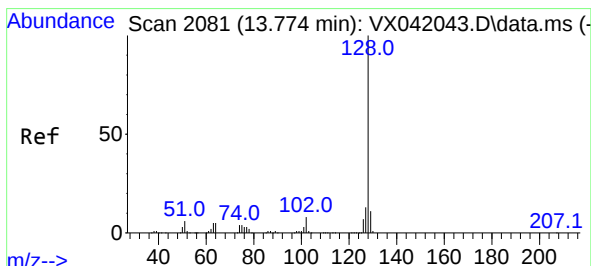
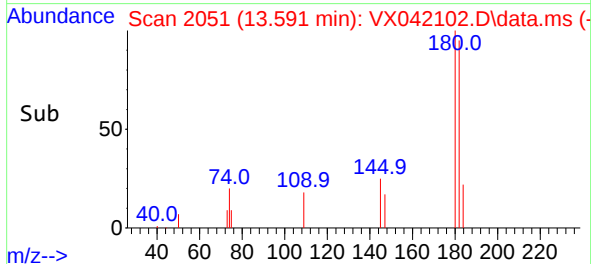
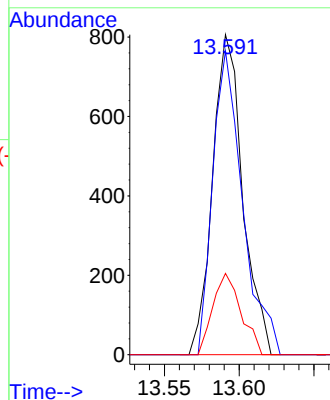
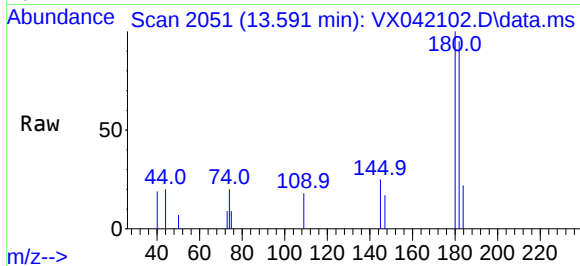




#93
1,2,4-Trichlorobenzene
Concen: 0.417 ug/l
RT: 13.591 min Scan# 2050
Delta R.T. 0.006 min
Lab File: VX042102.D
Acq: 01 Jul 2024 10:25

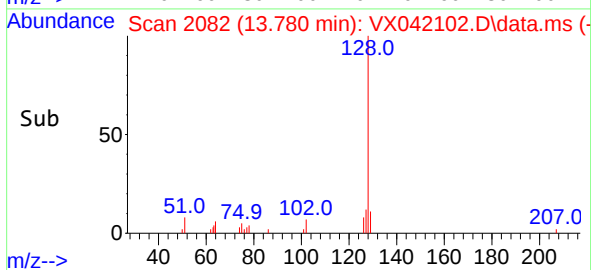
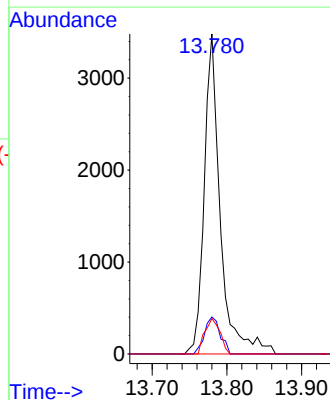
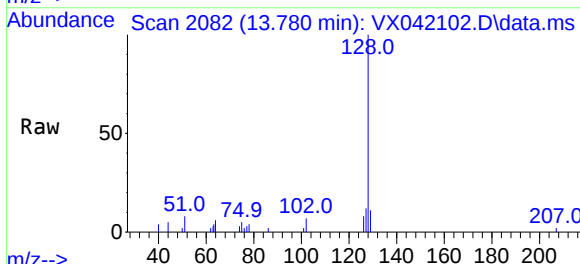
Instrument :
MSVOA_X
ClientSampleId :
VX0701MBL01

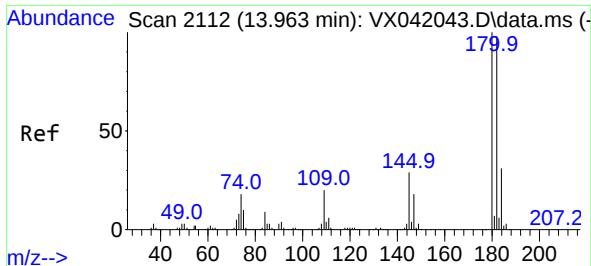
Tgt Ion:180	Resp:	1128
Ion	Ratio	Lower Upper
180	100	
182	94.1	48.3 144.8
145	23.8	18.0 54.0



#95
Naphthalene
Concen: 1.309 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX042102.D
Acq: 01 Jul 2024 10:25

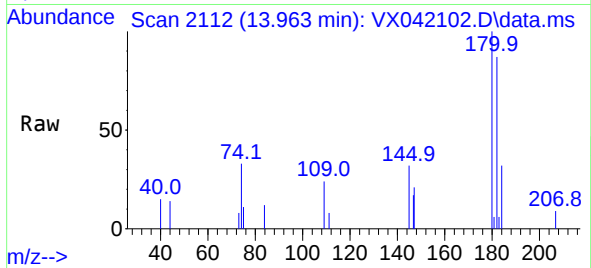
Tgt Ion:128	Resp:	5187
Ion	Ratio	Lower Upper
128	100	
127	11.3	10.3 15.5
129	10.4	8.8 13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 0.462 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX042102.D
 Acq: 01 Jul 2024 10:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701MBL01



Tgt Ion:180 Resp: 1320
 Ion Ratio Lower Upper
 180 100
 182 93.3 46.9 140.6
 145 27.6 17.8 53.5

