

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042924\
 Data File : VX041284.D
 Acq On : 29 Apr 2024 18:37
 Operator : JC/MD
 Sample : P2183-05 20X
 Misc : 1.41g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 30 02:15:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:30:28 2024
 Response via : Initial Calibration

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

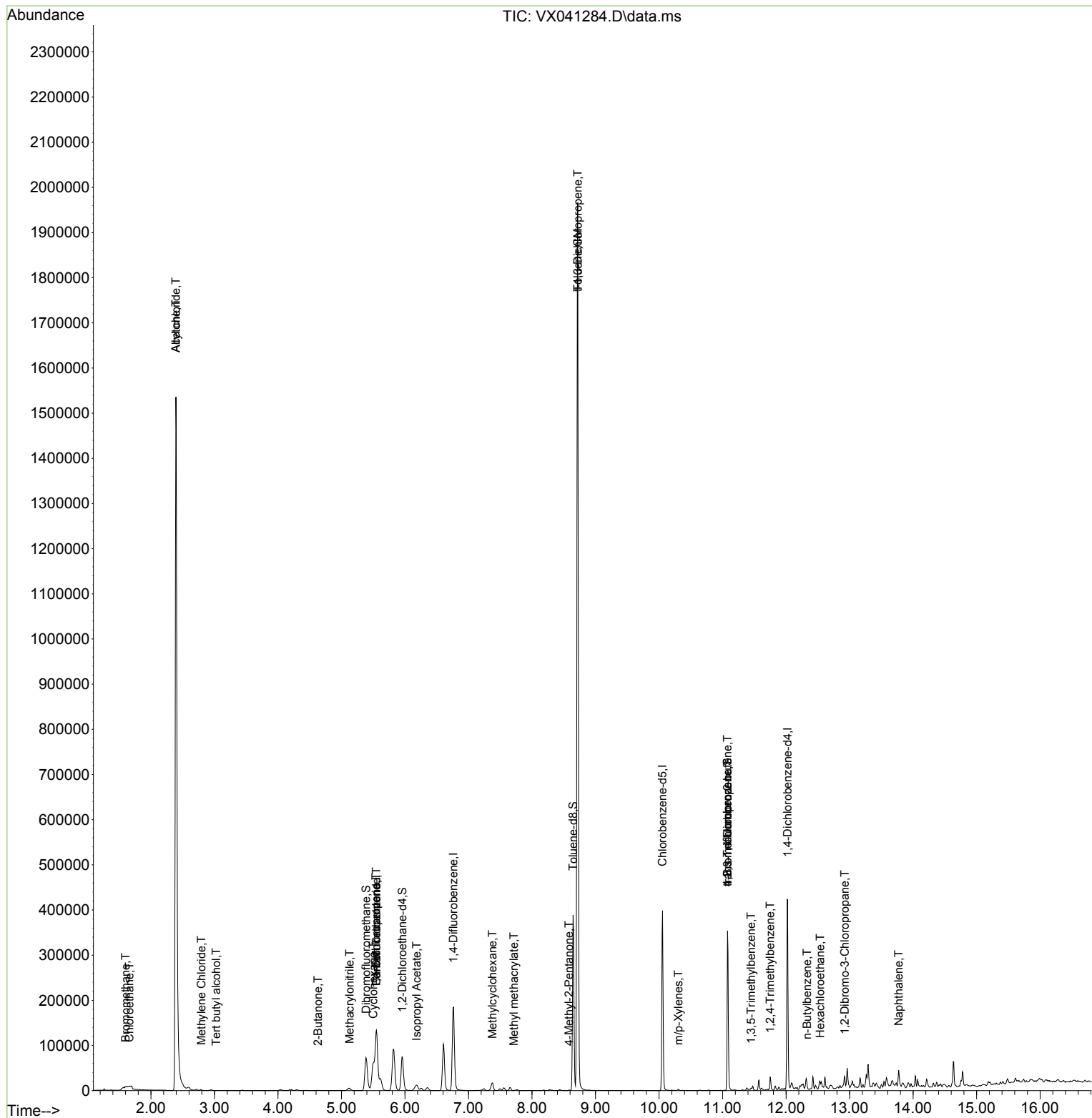
Internal Standards						
1) Pentafluorobenzene	5.550	168	140133	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	201475	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	187468	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97008	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	74651	55.962	ug/l	0.00
Spiked Amount 50.000	Range	78 - 117	Recovery	= 111.920%		
35) Dibromofluoromethane	5.385	113	61965	50.561	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	= 101.120%		
50) Toluene-d8	8.647	98	232354	56.194	ug/l	0.00
Spiked Amount 50.000	Range	92 - 112	Recovery	= 112.380%#		
62) 4-Bromofluorobenzene	11.079	95	84393	55.297	ug/l	0.00
Spiked Amount 50.000	Range	83 - 123	Recovery	= 110.600%		
Target Compounds						
						Qvalue
5) Bromomethane	1.599	94	368	0.545	ug/l	98
6) Chloroethane	1.660	64	105	0.230	ug/l	# 43
11) Tert butyl alcohol	3.026	59	115	0.481	ug/l	# 78
14) Allyl chloride	2.392	41	44625	26.898	ug/l	# 1
16) Acetone	2.392	43	1900624	3914.316	ug/l	95
20) Methylene Chloride	2.794	84	848	0.715	ug/l	87
25) 2-Butanone	4.629	43	415	0.500	ug/l	# 51
31) Cyclohexane	5.501	56	16000	8.912	ug/l	# 51
36) 1,1-Dichloropropene	5.544	75	8464	5.398	ug/l	# 52
38) Carbon Tetrachloride	5.550	117	12005	6.854	ug/l	# 14
39) Methylcyclohexane	7.379	83	7629	3.668	ug/l	93
41) Methacrylonitrile	5.129	41	1660	1.853	ug/l	# 53
43) Isopropyl Acetate	6.184	43	9963	3.595	ug/l	# 62
48) Methyl methacrylate	7.714	41	398	0.304	ug/l	93
51) 4-Methyl-2-Pentanone	8.580	43	936	0.540	ug/l	# 86
52) Toluene	8.720	92	747119	244.829	ug/l	99
53) t-1,3-Dichloropropene	8.720	75	8979	5.736	ug/l	# 1
68) m/p-Xylenes	10.305	106	755	0.304	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	43470	27.812	ug/l	# 39
80) 1,3,5-Trimethylbenzene	11.451	105	2329	0.464	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.079	75	43470	78.467	ug/l	# 5
84) 1,2,4-Trimethylbenzene	11.750	105	12129	2.434	ug/l	93
89) n-Butylbenzene	12.329	91	3205	0.771	ug/l	# 15
90) Hexachloroethane	12.536	117	976	1.081	ug/l	# 17
92) 1,2-Dibromo-3-Chloropr...	12.926	75	90	0.225	ug/l	# 9
95) Naphthalene	13.774	128	22965	3.648	ug/l	98

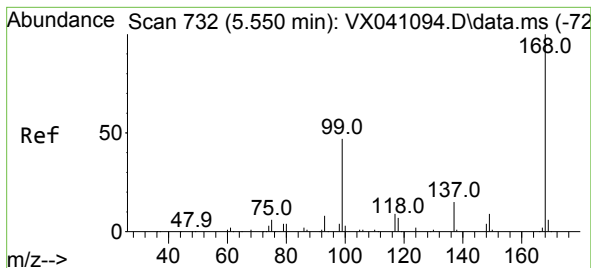
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Apr 23 05:30:28 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.000 min

Lab File: VX041284.D

Acq: 29 Apr 2024 18:37

Instrument :

MSVOA_X

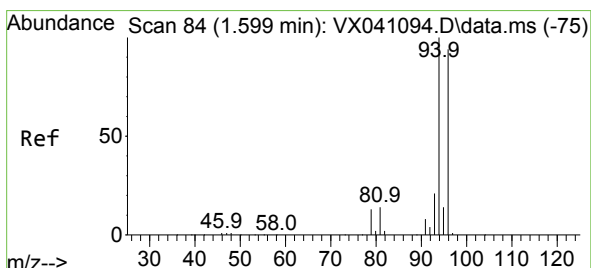
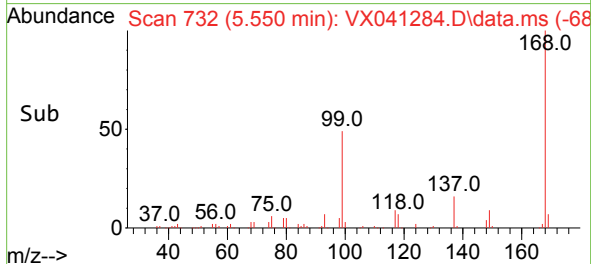
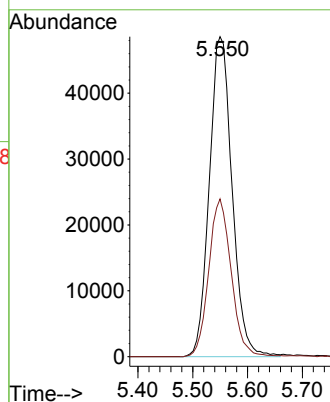
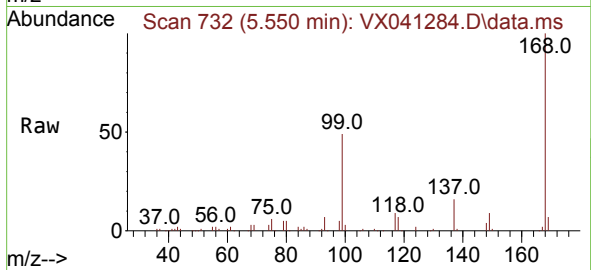
ClientSampleId :

Tgt Ion:168 Resp: 140133

Ion Ratio Lower Upper

168 100

99 49.3 56.6 85.0#



#5

Bromomethane

Concen: 0.545 ug/l

RT: 1.599 min Scan# 84

Delta R.T. -0.000 min

Lab File: VX041284.D

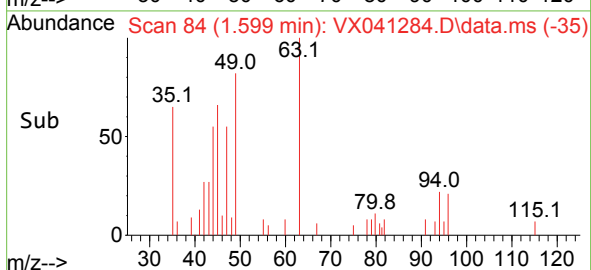
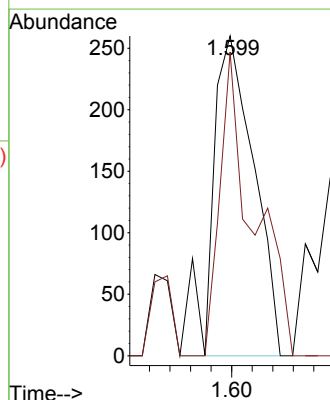
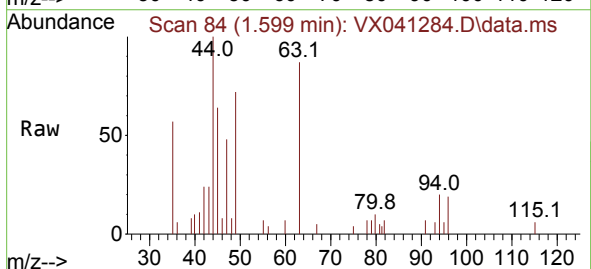
Acq: 29 Apr 2024 18:37

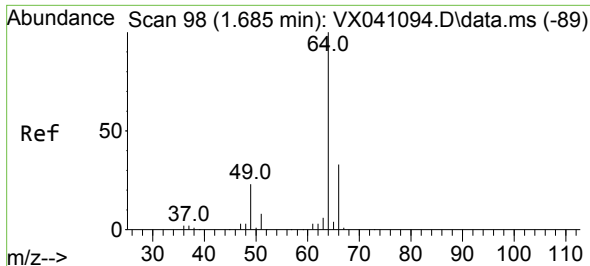
Tgt Ion: 94 Resp: 368

Ion Ratio Lower Upper

94 100

96 95.0 74.6 111.8

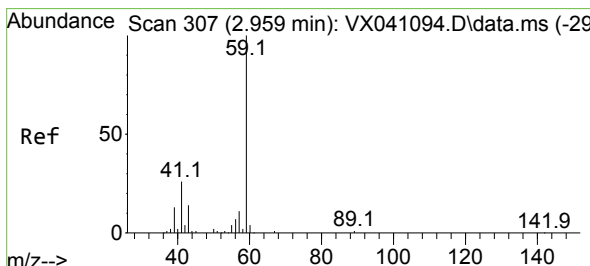
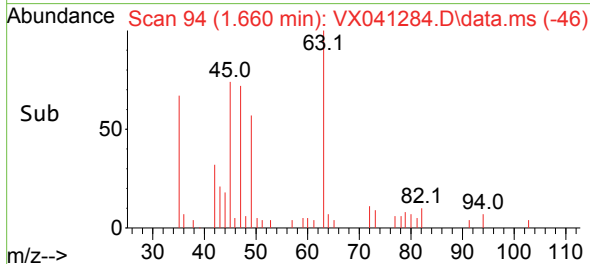
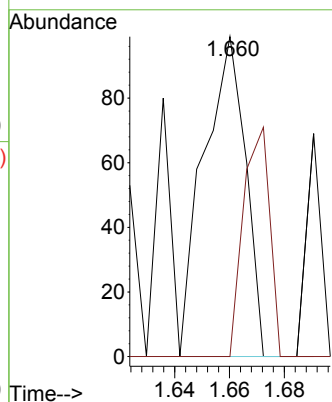
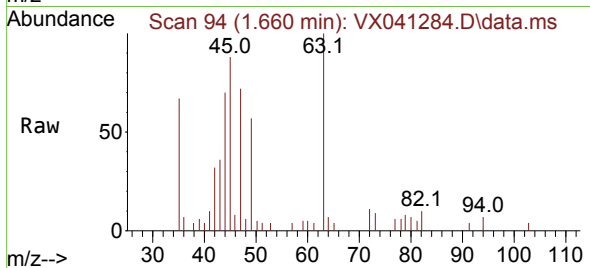




#6
Chloroethane
Concen: 0.230 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX041284.D
Acq: 29 Apr 2024 18:37

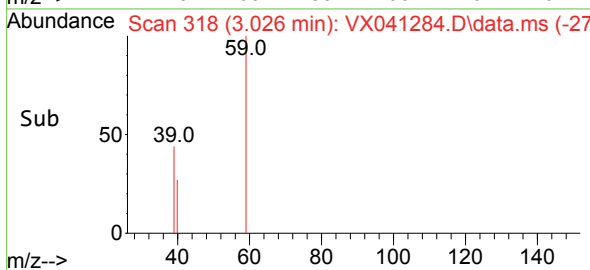
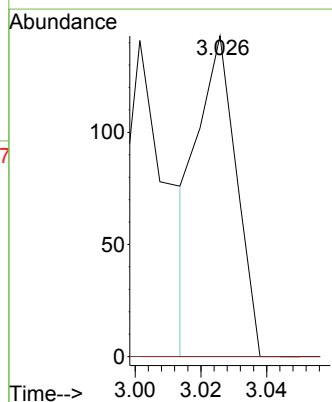
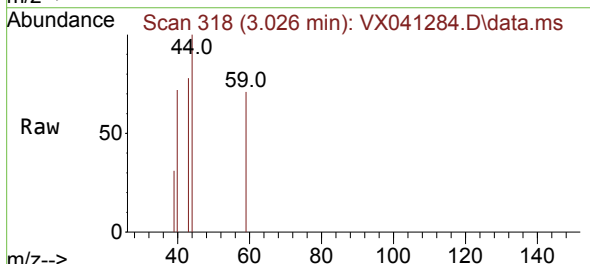
Instrument :
MSVOA_X
ClientSampleId :

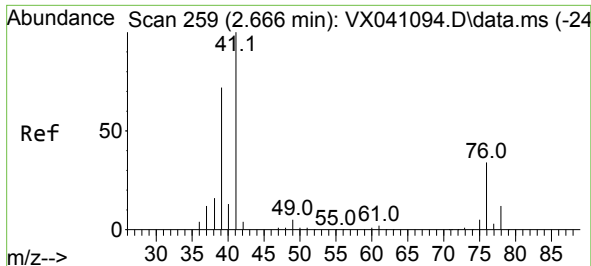
Tgt Ion: 64 Resp: 105
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: 0.481 ug/l
RT: 3.026 min Scan# 318
Delta R.T. -0.037 min
Lab File: VX041284.D
Acq: 29 Apr 2024 18:37

Tgt Ion: 59 Resp: 115
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

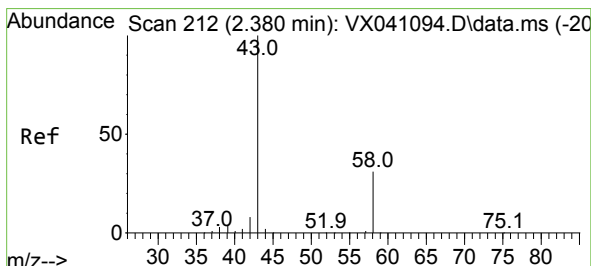
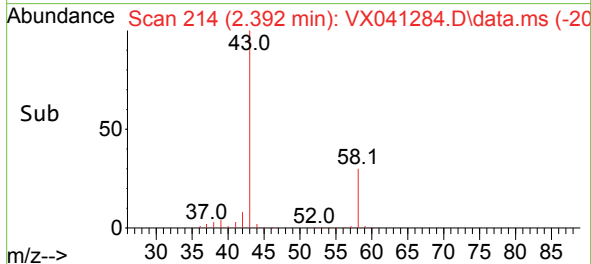
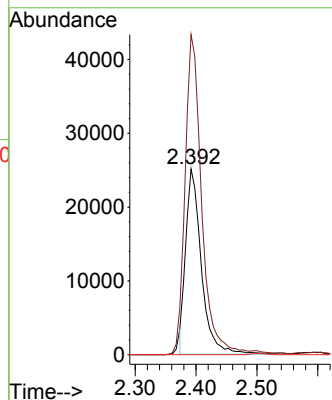
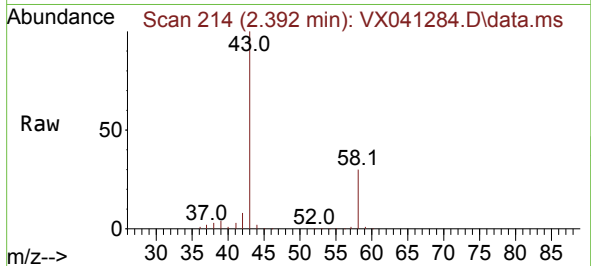




#14
 Allyl chloride
 Concen: 26.898 ug/l
 RT: 2.392 min Scan# 214
 Delta R.T. -0.268 min
 Lab File: VX041284.D
 Acq: 29 Apr 2024 18:37

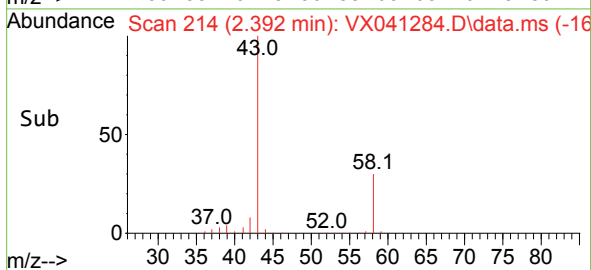
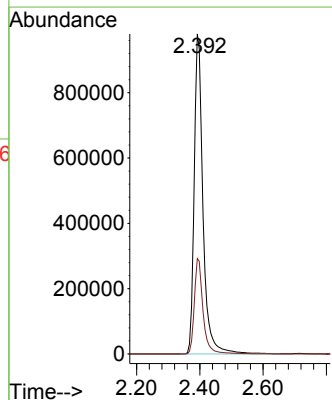
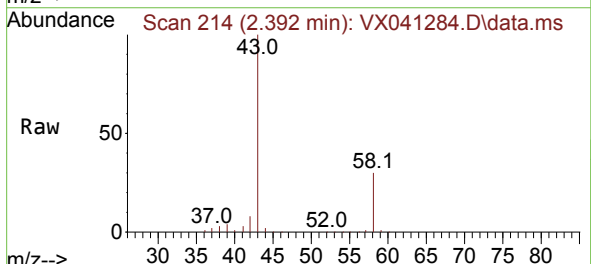
Instrument :
 MSVOA_X
 ClientSampleId :

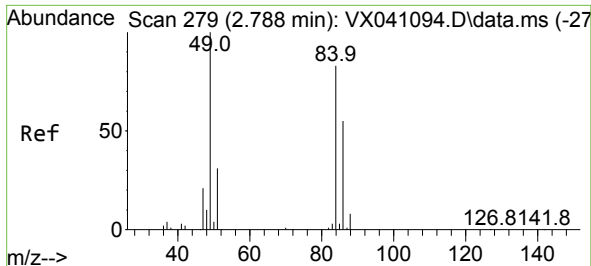
Tgt Ion: 41 Resp: 44625
 Ion Ratio Lower Upper
 41 100
 39 173.9 55.8 83.6#
 76 0.0 24.3 36.5#



#16
 Acetone
 Concen: 3914.316 ug/l
 RT: 2.392 min Scan# 214
 Delta R.T. -0.006 min
 Lab File: VX041284.D
 Acq: 29 Apr 2024 18:37

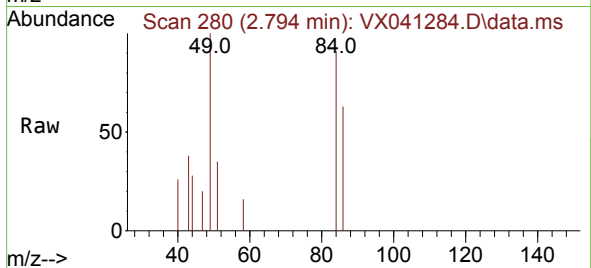
Tgt Ion: 43 Resp: 1900624
 Ion Ratio Lower Upper
 43 100
 58 29.8 21.9 32.9



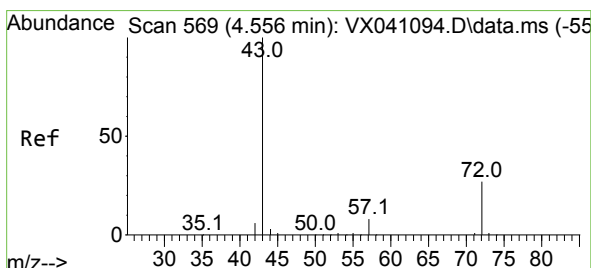
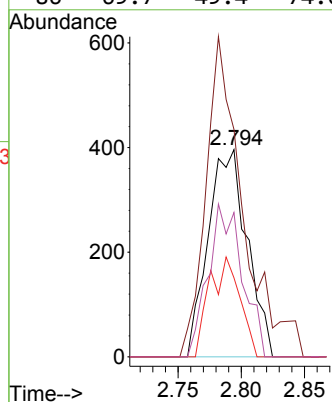
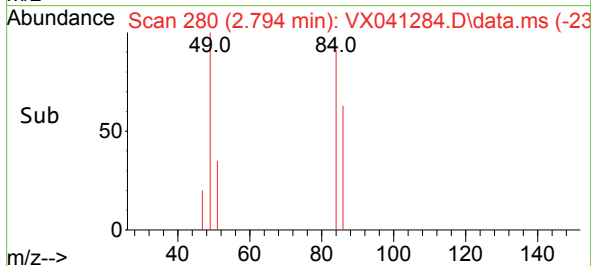


#20
Methylene Chloride
Concen: 0.715 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX041284.D
Acq: 29 Apr 2024 18:37

Instrument :
MSVOA_X
ClientSampleId :

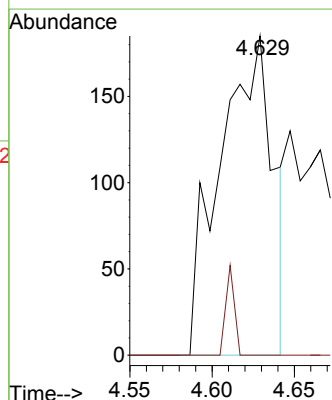
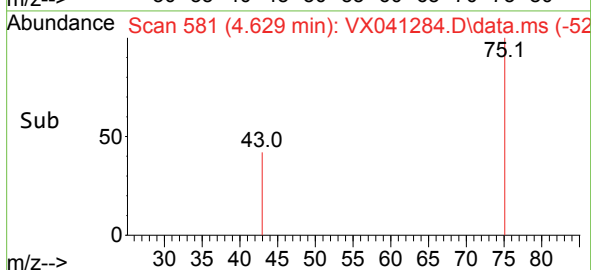
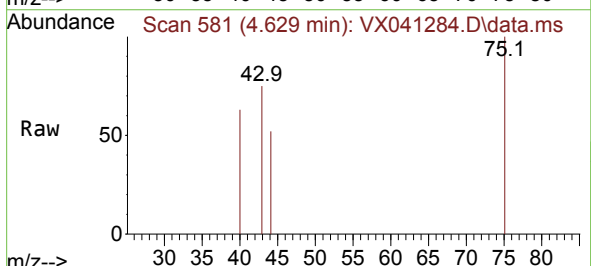


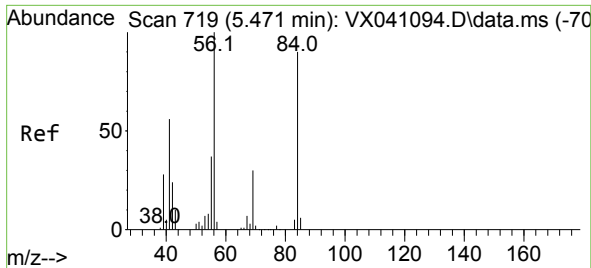
Tgt Ion:	84	Resp:	848
Ion	Ratio	Lower	Upper
84	100		
49	109.8	103.6	155.4
51	38.1	33.8	50.6
86	69.7	49.4	74.0



#25
2-Butanone
Concen: 0.500 ug/l
RT: 4.629 min Scan# 581
Delta R.T. 0.061 min
Lab File: VX041284.D
Acq: 29 Apr 2024 18:37

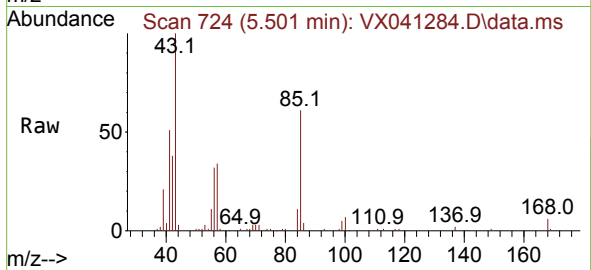
Tgt Ion:	43	Resp:	415
Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.4	29.2#



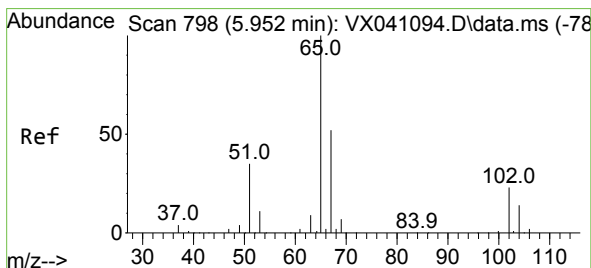
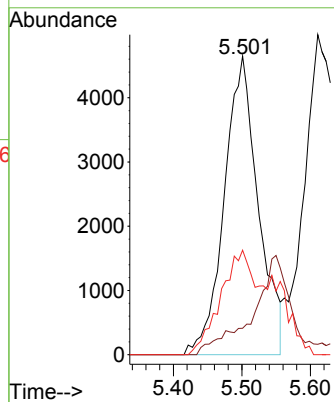
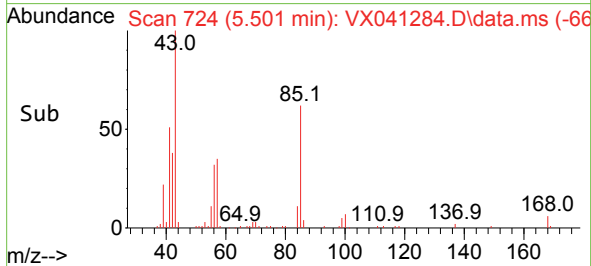


#31
Cyclohexane
Concen: 8.912 ug/l
RT: 5.501 min Scan# 719
Delta R.T. 0.036 min
Lab File: VX041284.D
Acq: 29 Apr 2024 18:37

Instrument :
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ClientSampleId :

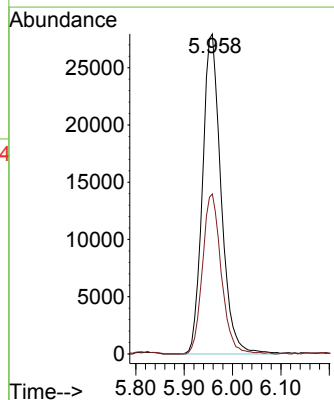
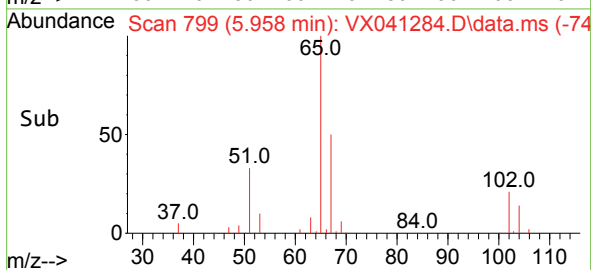
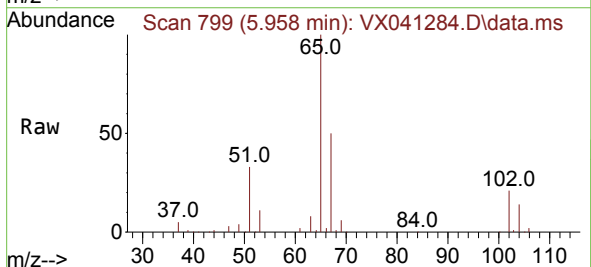


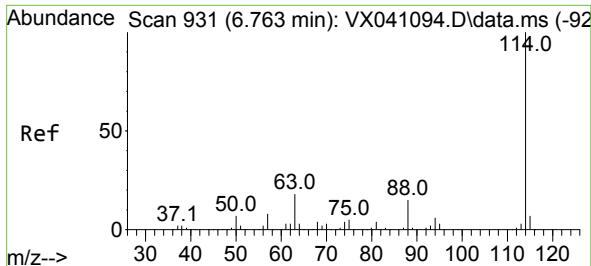
Tgt Ion: 56 Resp: 16000
Ion Ratio Lower Upper
56 100
69 8.9 23.4 35.2#
84 35.0 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 55.962 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX041284.D
Acq: 29 Apr 2024 18:37

Tgt Ion: 65 Resp: 74651
Ion Ratio Lower Upper
65 100
67 50.5 0.0 100.2

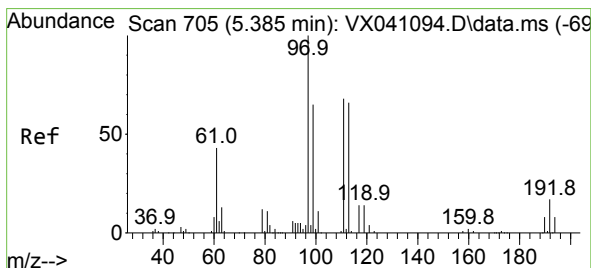
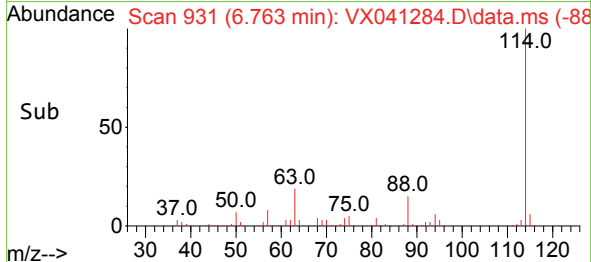
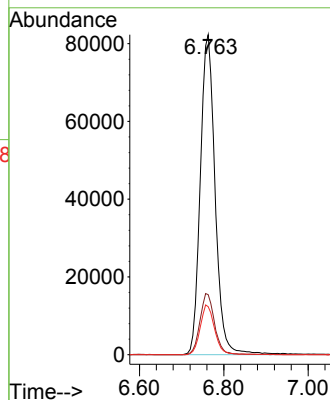
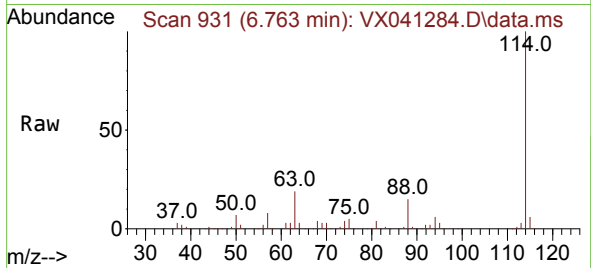




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX041284.D
Acq: 29 Apr 2024 18:37

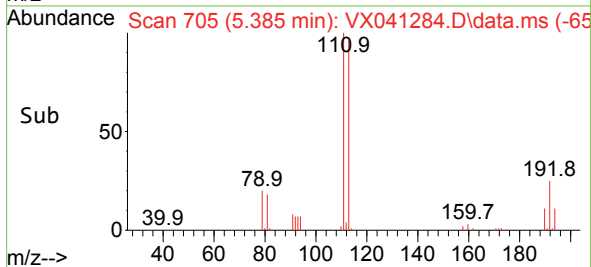
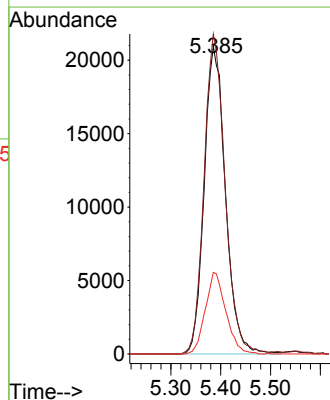
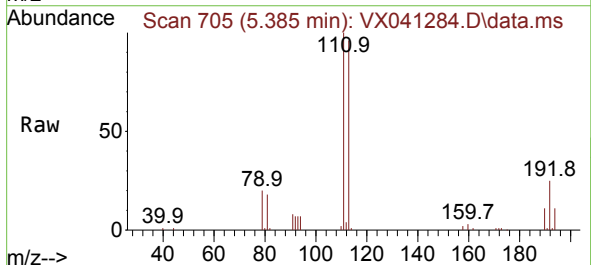
Instrument :
MSVOA_X
ClientSampleId :

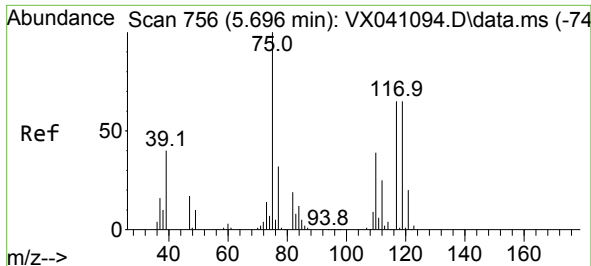
Tgt Ion:114 Resp: 201475
Ion Ratio Lower Upper
114 100
63 18.7 0.0 45.0
88 15.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 50.561 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX041284.D
Acq: 29 Apr 2024 18:37

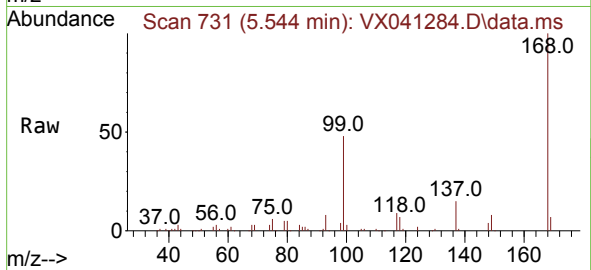
Tgt Ion:113 Resp: 61965
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 25.6 13.3 19.9#



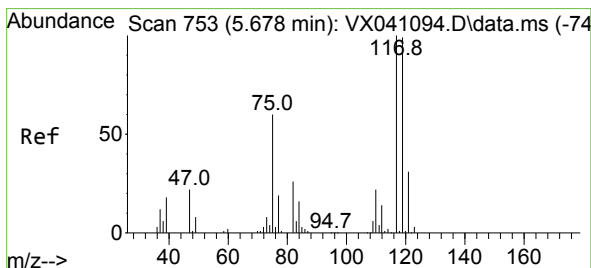
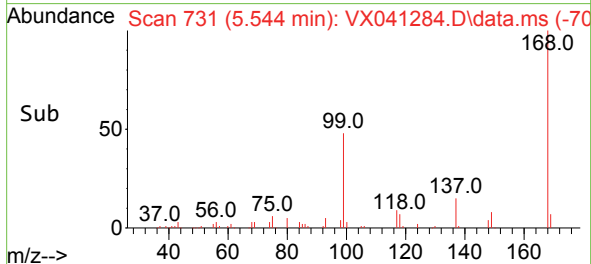
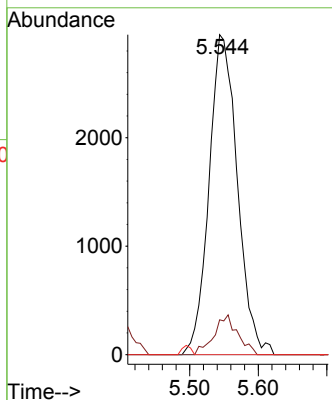


#36
1,1-Dichloropropene
Concen: 5.398 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX041284.D
Acq: 29 Apr 2024 18:37

Instrument :
MSVOA_X
ClientSampleId :

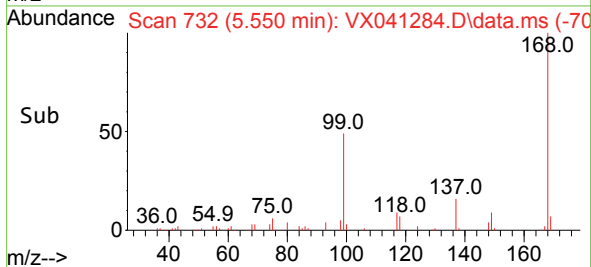
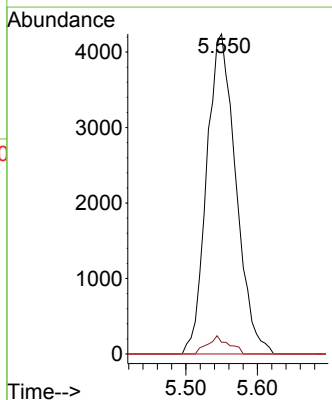
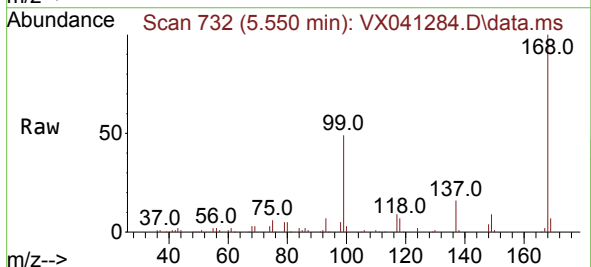


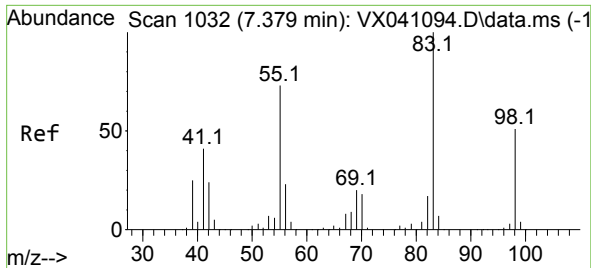
Tgt Ion: 75 Resp: 8464
Ion Ratio Lower Upper
75 100
110 10.4 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.854 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX041284.D
Acq: 29 Apr 2024 18:37

Tgt Ion: 117 Resp: 12005
Ion Ratio Lower Upper
117 100
119 3.7 78.2 117.2#
121 0.0 24.4 36.6#

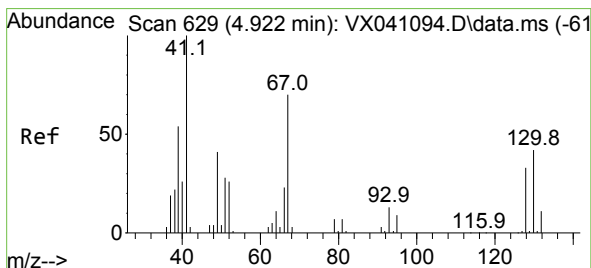
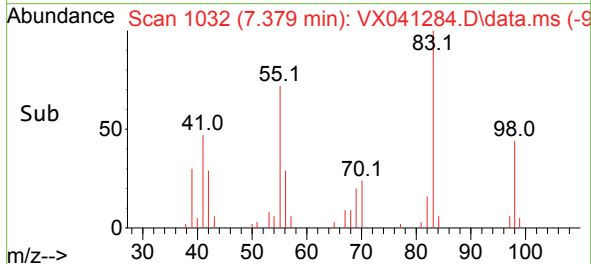
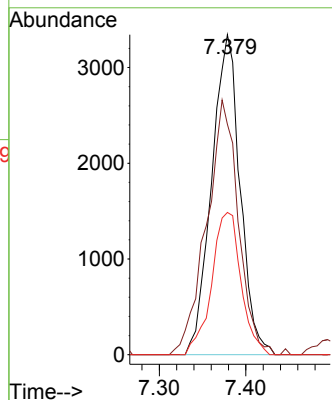
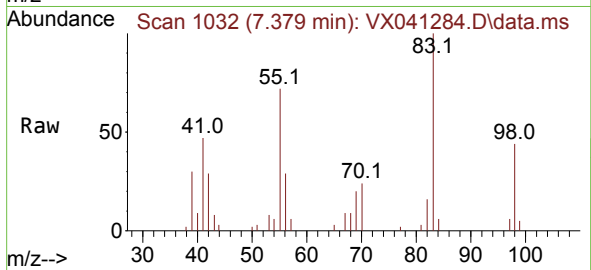




#39
Methylcyclohexane
Concen: 3.668 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.006 min
Lab File: VX041284.D
Acq: 29 Apr 2024 18:37

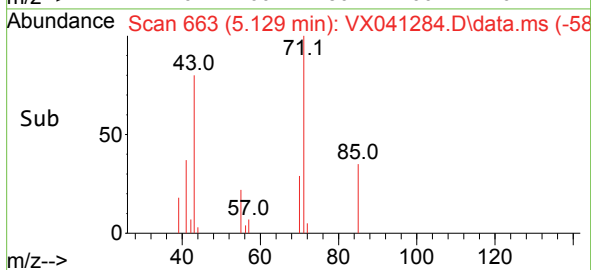
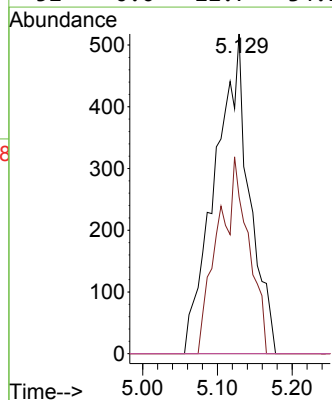
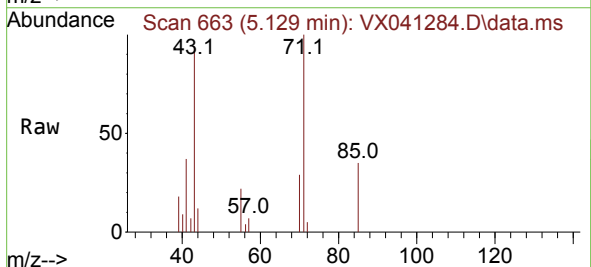
Instrument :
MSVOA_X
ClientSampleId :

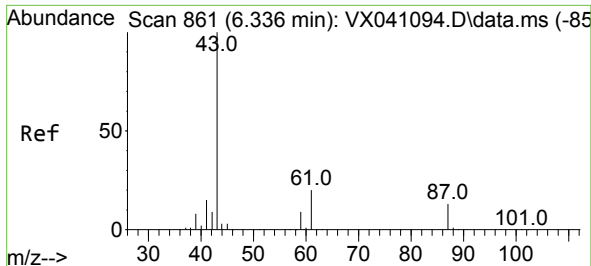
Tgt Ion: 83 Resp: 7629
Ion Ratio Lower Upper
83 100
55 72.0 64.6 97.0
98 44.5 36.7 55.1



#41
Methacrylonitrile
Concen: 1.853 ug/l
RT: 5.129 min Scan# 663
Delta R.T. 0.201 min
Lab File: VX041284.D
Acq: 29 Apr 2024 18:37

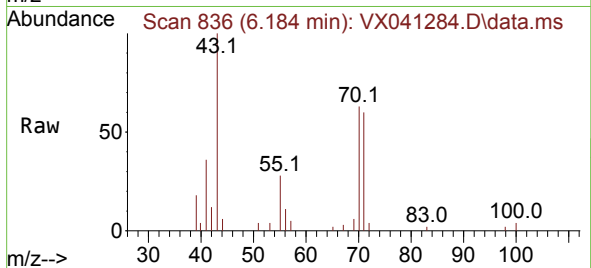
Tgt Ion: 41 Resp: 1660
Ion Ratio Lower Upper
41 100
39 54.6 45.2 67.8
67 0.0 52.6 78.8#
52 0.0 22.7 34.1#



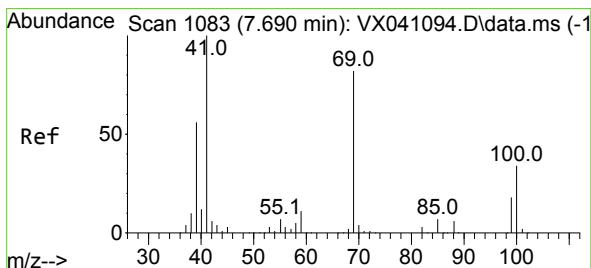
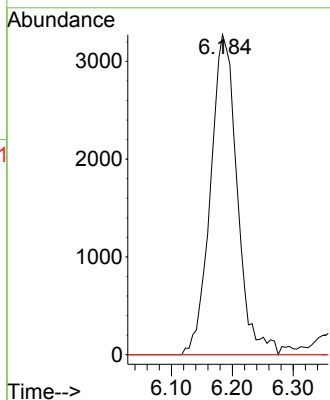


#43
Isopropyl Acetate
Concen: 3.595 ug/l
RT: 6.184 min Scan# 81
Delta R.T. -0.165 min
Lab File: VX041284.D
Acq: 29 Apr 2024 18:37

Instrument :
MSVOA_X
ClientSampleId :

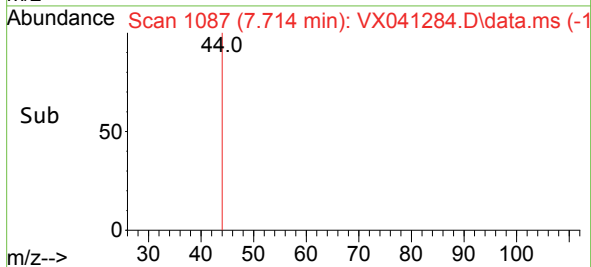
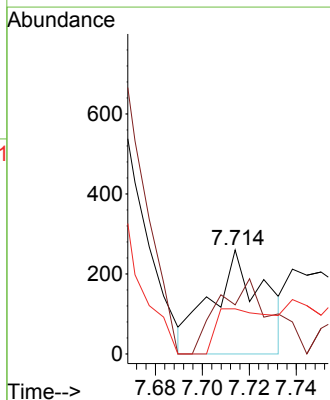
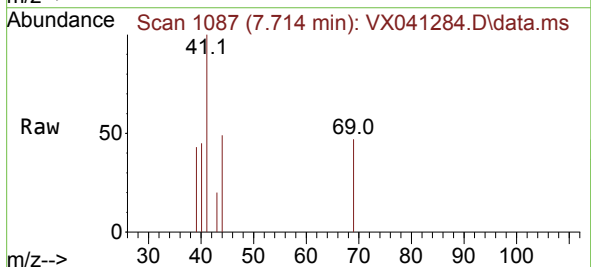


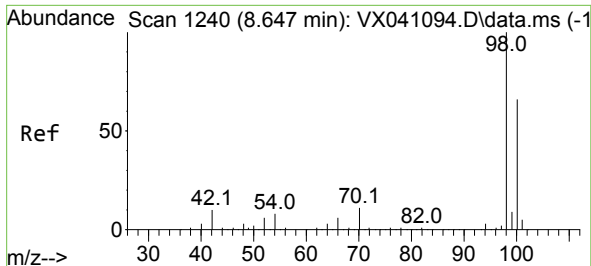
Tgt Ion: 43 Resp: 9963
Ion Ratio Lower Upper
43 100
61 0.0 15.2 22.8#
87 0.0 9.8 14.6#



#48
Methyl methacrylate
Concen: 0.304 ug/l
RT: 7.714 min Scan# 1087
Delta R.T. 0.018 min
Lab File: VX041284.D
Acq: 29 Apr 2024 18:37

Tgt Ion: 41 Resp: 398
Ion Ratio Lower Upper
41 100
69 74.9 59.2 88.8
39 48.2 47.7 71.5

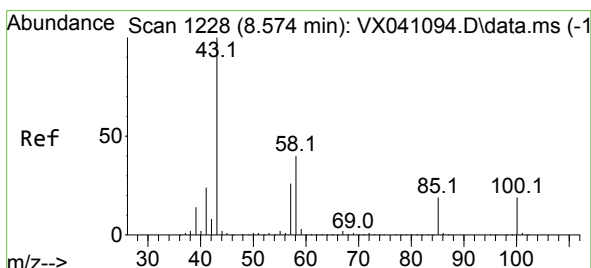
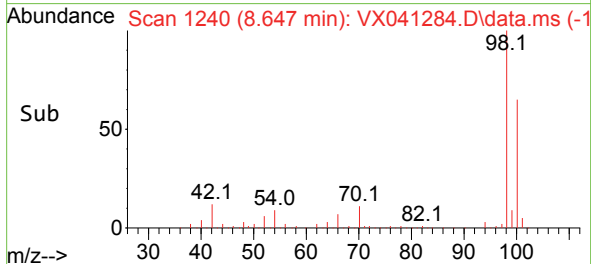
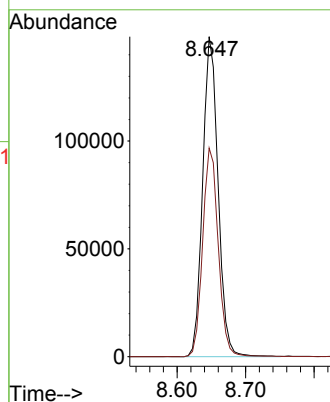
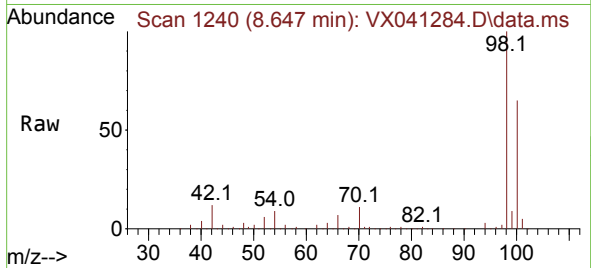




#50
Toluene-d8
Concen: 56.194 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX041284.D
Acq: 29 Apr 2024 18:37

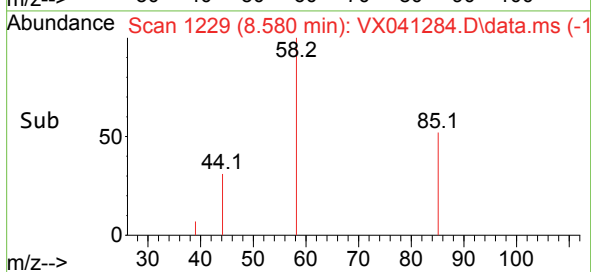
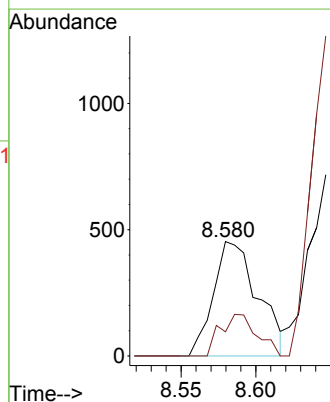
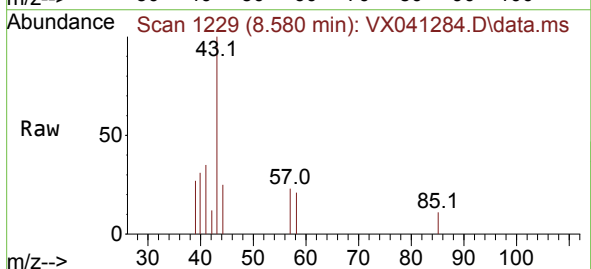
Instrument :
MSVOA_X
ClientSampleId :

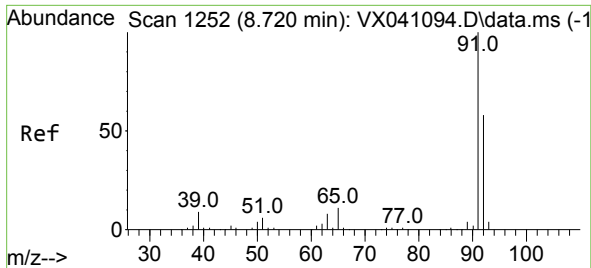
Tgt Ion: 98 Resp: 232354
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.540 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX041284.D
Acq: 29 Apr 2024 18:37

Tgt Ion: 43 Resp: 936
Ion Ratio Lower Upper
43 100
58 29.8 30.4 45.6#

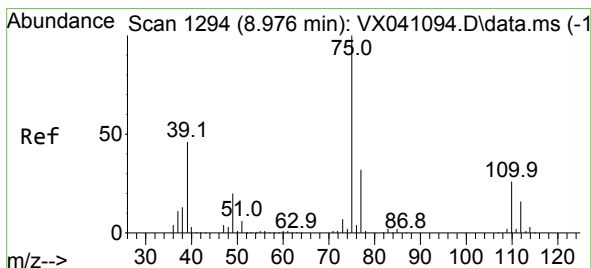
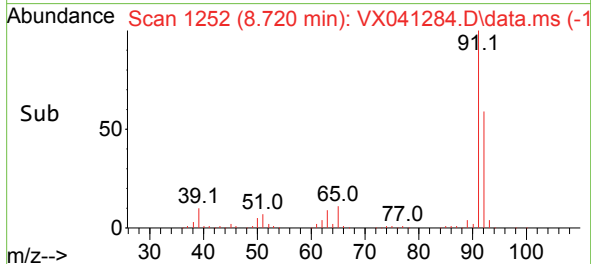
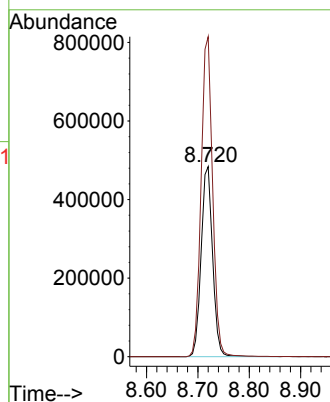
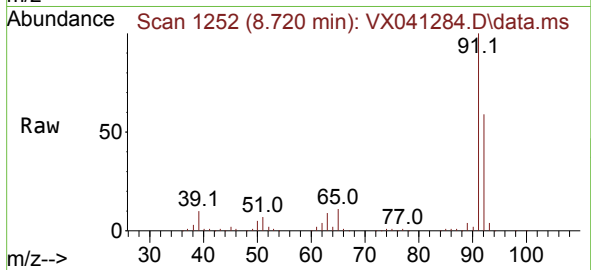




#52
Toluene
Concen: 244.829 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX041284.D
Acq: 29 Apr 2024 18:37

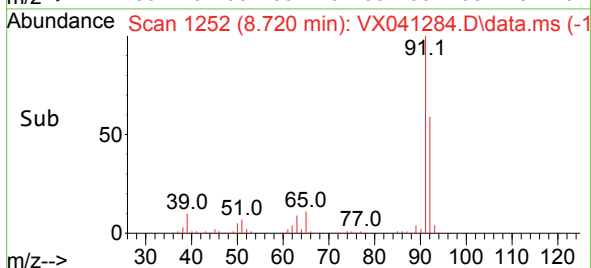
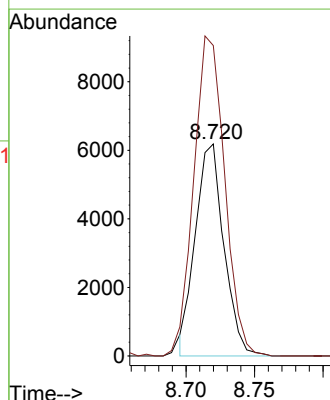
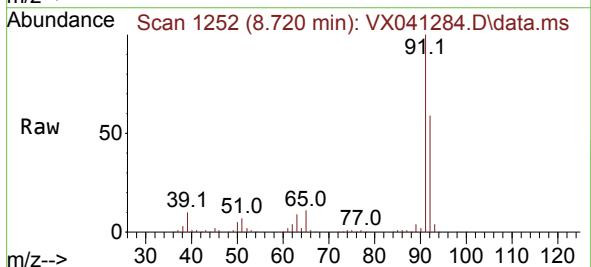
Instrument :
MSVOA_X
ClientSampleId :

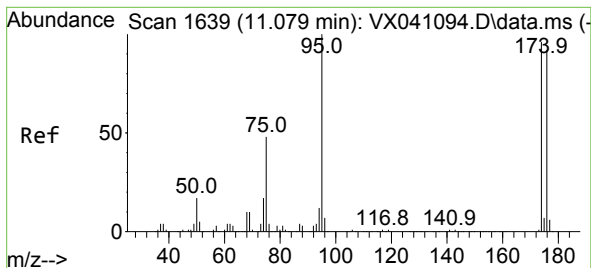
Tgt Ion: 92 Resp: 747119
Ion Ratio Lower Upper
92 100
91 168.7 134.2 201.2



#53
t-1,3-Dichloropropene
Concen: 5.736 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.256 min
Lab File: VX041284.D
Acq: 29 Apr 2024 18:37

Tgt Ion: 75 Resp: 8979
Ion Ratio Lower Upper
75 100
77 146.5 25.7 38.5#

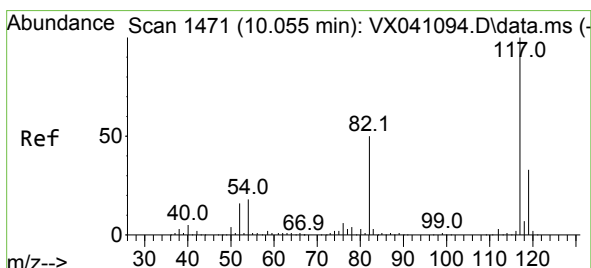
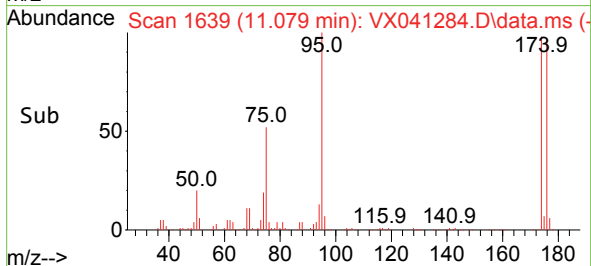
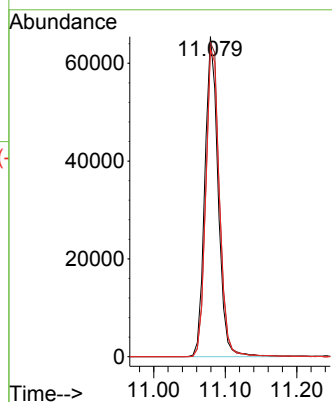
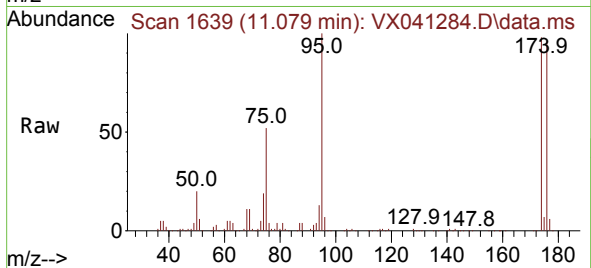




#62
4-Bromofluorobenzene
Concen: 55.297 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041284.D
Acq: 29 Apr 2024 18:37

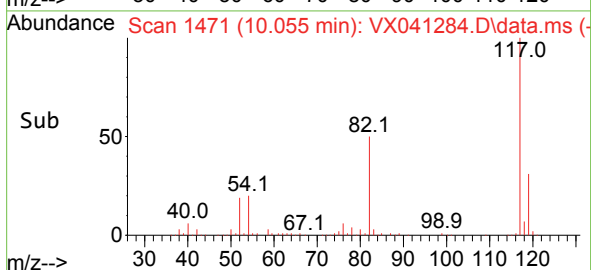
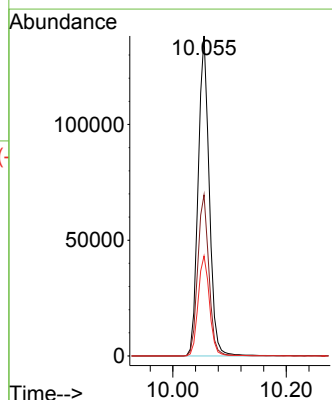
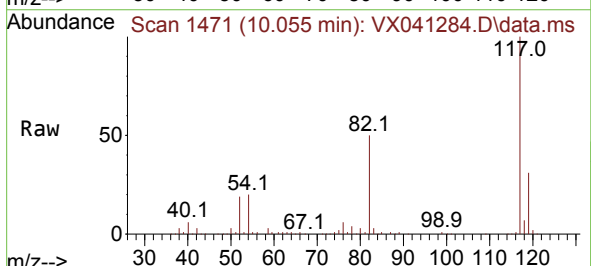
Instrument :
MSVOA_X
ClientSampleId :

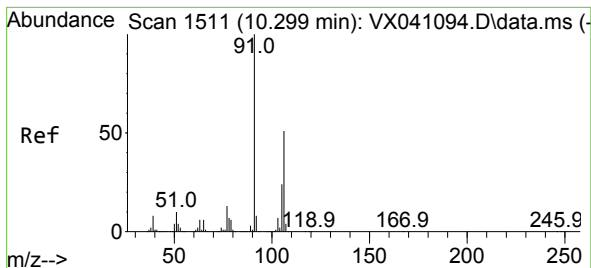
Tgt Ion: 95 Resp: 84393
Ion Ratio Lower Upper
95 100
174 100.9 0.0 135.6
176 98.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041284.D
Acq: 29 Apr 2024 18:37

Tgt Ion: 117 Resp: 187468
Ion Ratio Lower Upper
117 100
82 50.3 46.2 69.4
119 31.2 25.5 38.3





#68

m/p-Xylenes

Concen: 0.304 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX041284.D

Acq: 29 Apr 2024 18:37

Instrument :

MSVOA_X

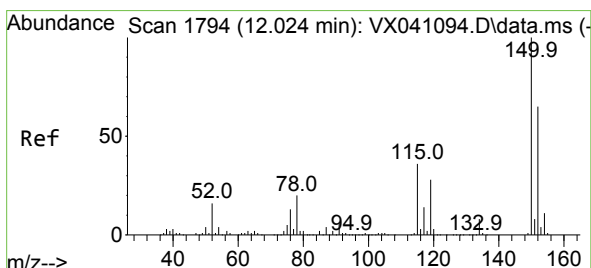
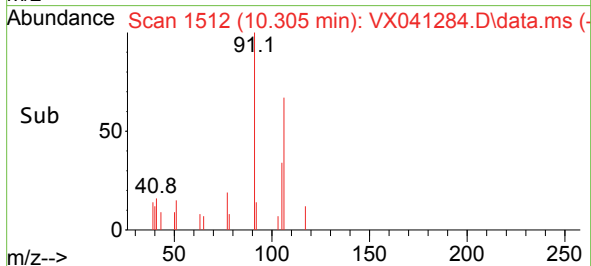
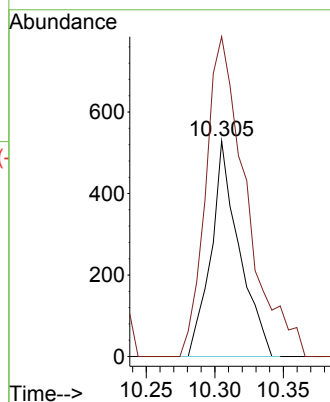
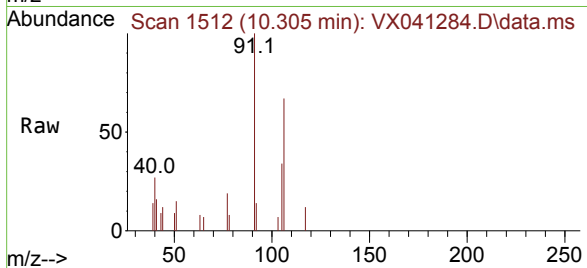
ClientSampleId :

Tgt Ion:106 Resp: 755

Ion Ratio Lower Upper

106 100

91 215.2 165.5 248.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX041284.D

Acq: 29 Apr 2024 18:37

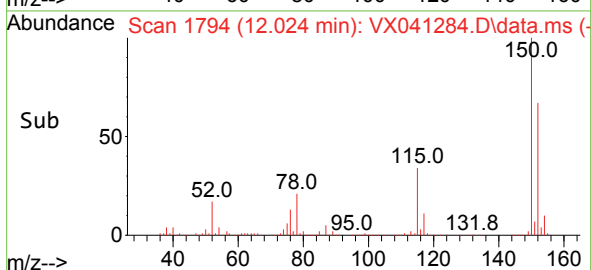
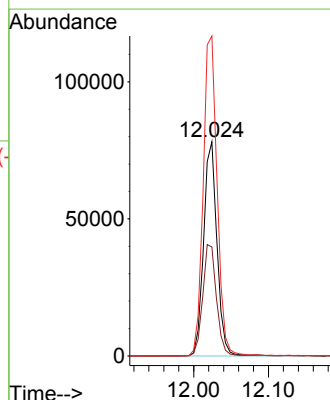
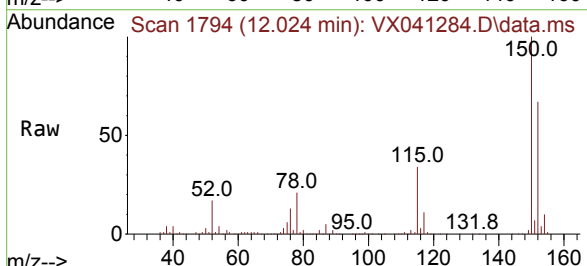
Tgt Ion:152 Resp: 97008

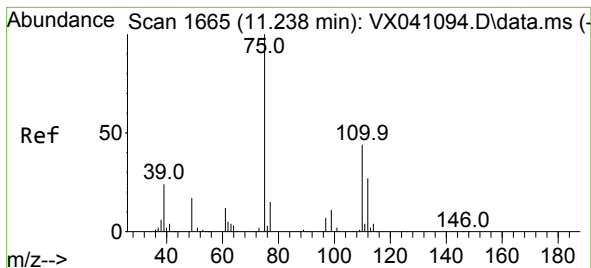
Ion Ratio Lower Upper

152 100

115 53.5 43.3 129.9

150 155.7 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 27.812 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX041284.D

Acq: 29 Apr 2024 18:37

Instrument :

MSVOA_X

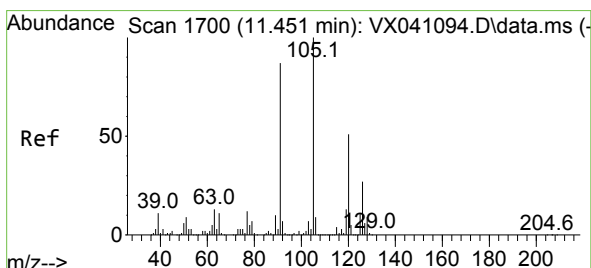
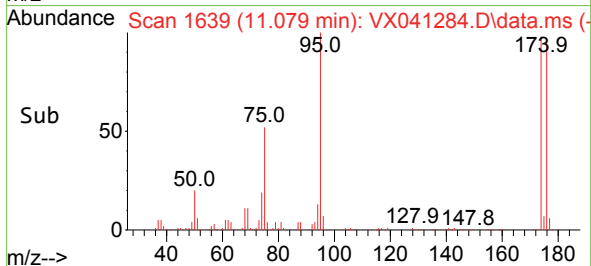
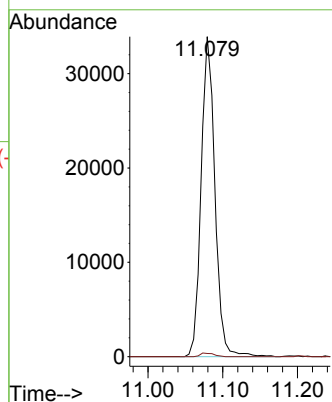
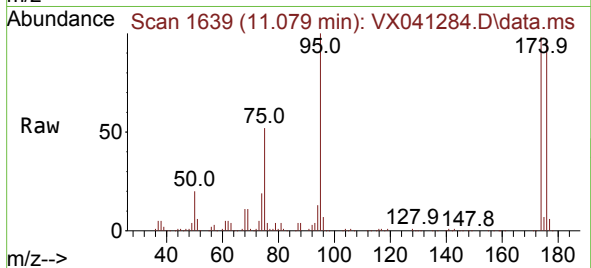
ClientSampleId :

Tgt Ion: 75 Resp: 43470

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#80

1,3,5-Trimethylbenzene

Concen: 0.464 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX041284.D

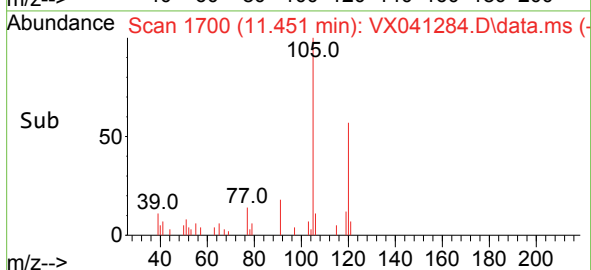
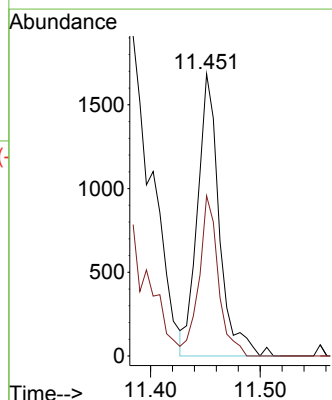
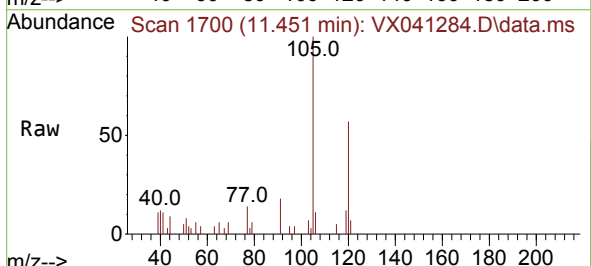
Acq: 29 Apr 2024 18:37

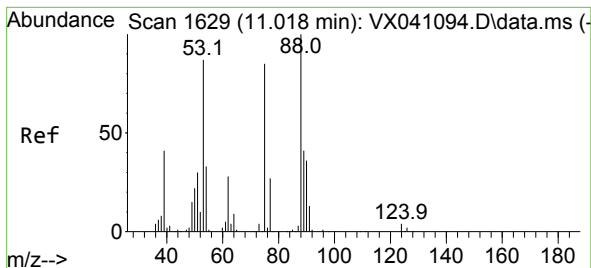
Tgt Ion: 105 Resp: 2329

Ion Ratio Lower Upper

105 100

120 50.3 24.1 72.3

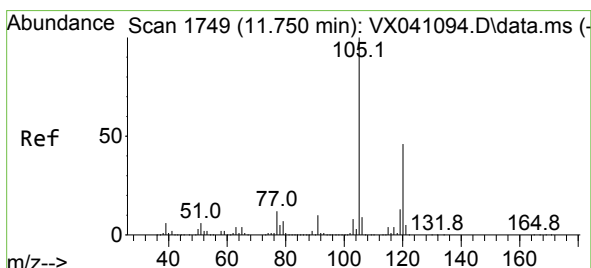
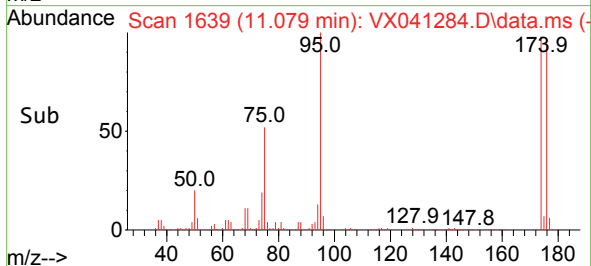
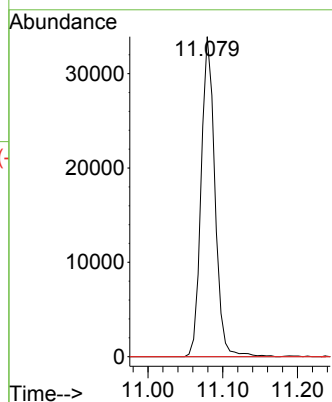
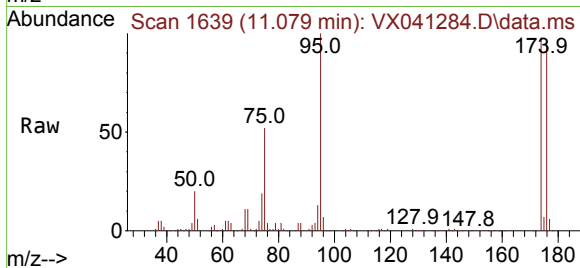




#81
trans-1,4-Dichloro-2-butene
Concen: 78.467 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX041284.D
Acq: 29 Apr 2024 18:37

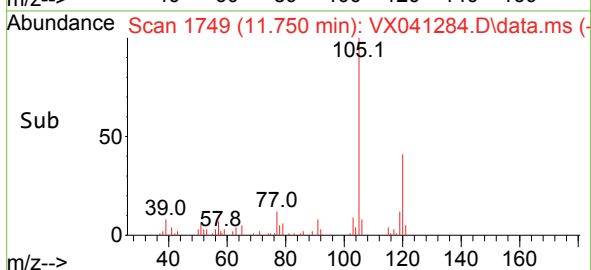
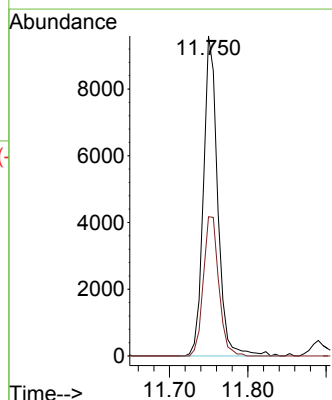
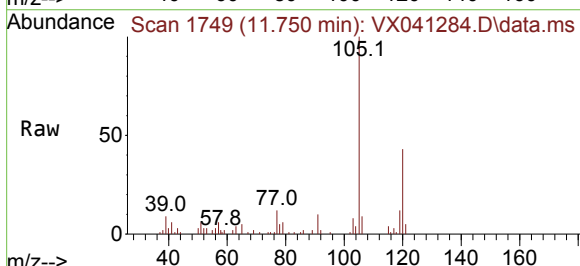
Instrument :
MSVOA_X
ClientSampleId :

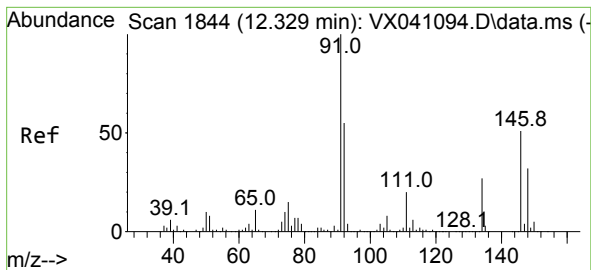
Tgt Ion: 75 Resp: 43470
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#84
1,2,4-Trimethylbenzene
Concen: 2.434 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX041284.D
Acq: 29 Apr 2024 18:37

Tgt Ion: 105 Resp: 12129
Ion Ratio Lower Upper
105 100
120 47.0 21.2 63.6





#89

n-Butylbenzene

Concen: 0.771 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX041284.D

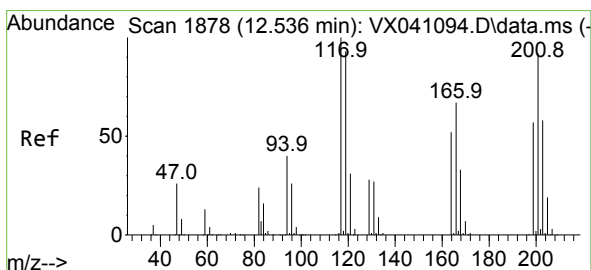
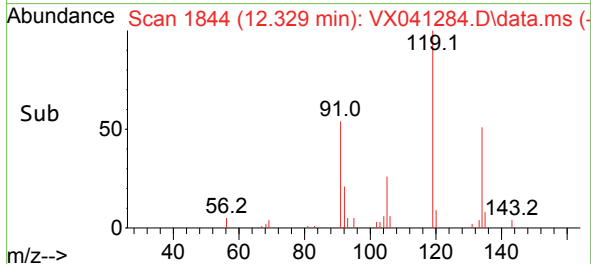
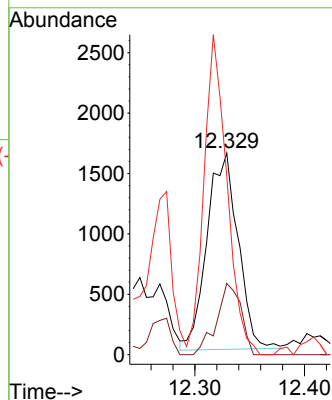
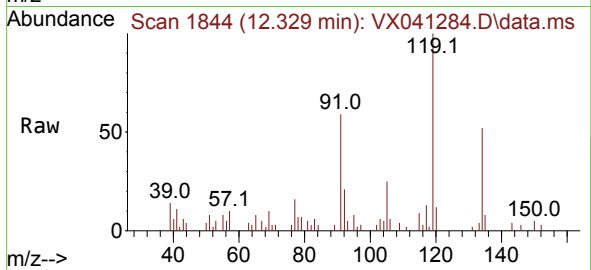
Acq: 29 Apr 2024 18:37

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 91	Resp:	3205
Ion	Ratio	Lower Upper
91	100	
92	28.5	27.4 82.0
134	120.4	12.6 37.8#



#90

Hexachloroethane

Concen: 1.081 ug/l

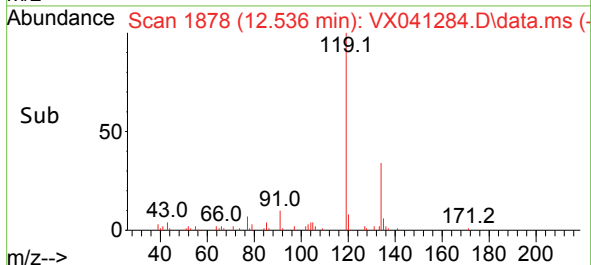
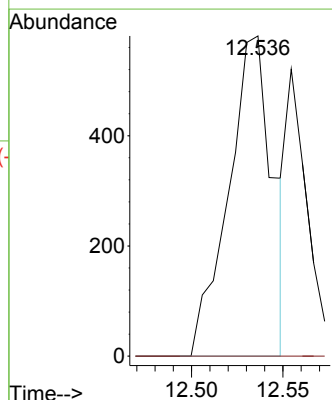
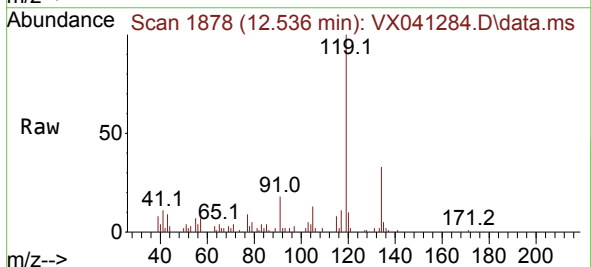
RT: 12.536 min Scan# 1878

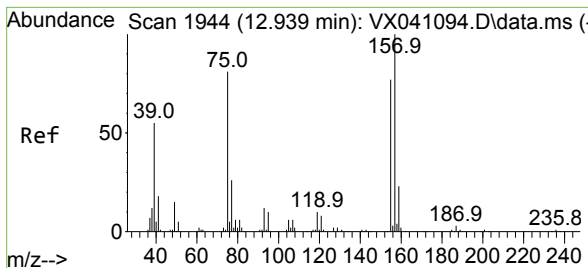
Delta R.T. 0.000 min

Lab File: VX041284.D

Acq: 29 Apr 2024 18:37

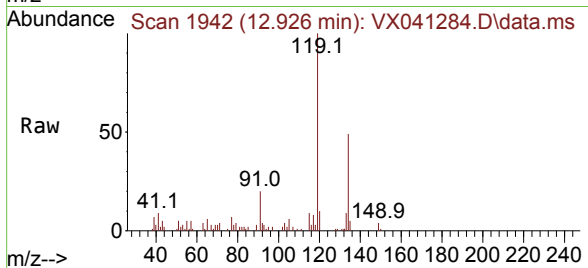
Tgt Ion: 117	Resp:	976
Ion	Ratio	Lower Upper
117	100	
201	0.0	32.9 98.6#



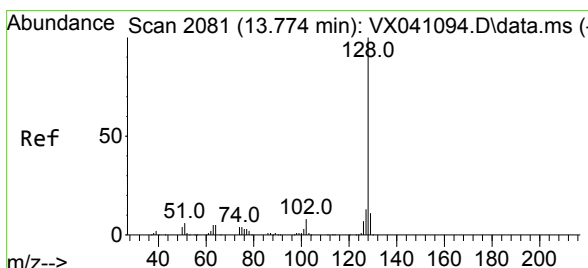
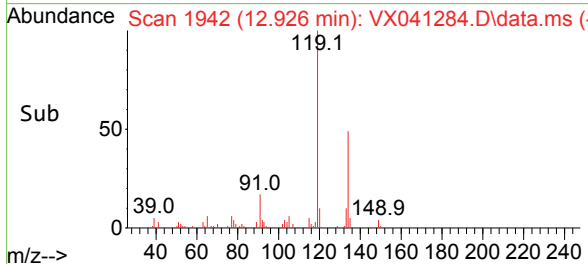
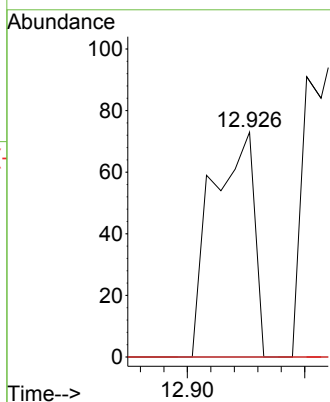


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.225 ug/l
RT: 12.926 min Scan# 1942
Delta R.T. -0.012 min
Lab File: VX041284.D
Acq: 29 Apr 2024 18:37

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 90
Ion Ratio Lower Upper
75 100
155 0.0 36.1 108.5#
157 0.0 44.9 134.7#



#95
Naphthalene
Concen: 3.648 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX041284.D
Acq: 29 Apr 2024 18:37

Tgt Ion: 128 Resp: 22965
Ion Ratio Lower Upper
128 100
127 14.4 10.3 15.5
129 11.3 8.8 13.2

