

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071724\
 Data File : VX042353.D
 Acq On : 17 Jul 2024 11:23
 Operator : JC/MD
 Sample : VX0717MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 18 00:54:53 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	139432	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	214767	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	194211	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98895	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	88046	54.761	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.520%	
35) Dibromofluoromethane	5.385	113	87378	57.339	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 114.680%	
50) Toluene-d8	8.647	98	262019	48.944	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.880%	
62) 4-Bromofluorobenzene	11.079	95	99011	50.172	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.340%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	295	0.447	ug/l	# 49
6) Chloroethane	1.672	64	124	Below Cal	#	76
11) Tert butyl alcohol	2.971	59	173	0.567	ug/l	# 78
13) Acrolein	2.239	56	276	0.807	ug/l	# 83
15) Acrylonitrile	3.075	53	673	0.844	ug/l	# 88
16) Acetone	2.380	43	1568	2.221	ug/l	90
17) Carbon Disulfide	2.508	76	1887	0.770	ug/l	# 91
18) Methyl Acetate	2.703	43	467	0.242	ug/l	# 53
20) Methylene Chloride	2.794	84	1049	0.679	ug/l	# 79
21) trans-1,2-Dichloroethene	3.093	96	535	0.438	ug/l	# 57
23) Vinyl Acetate	3.751	43	923	0.268	ug/l	# 73
25) 2-Butanone	4.617	43	368	0.335	ug/l	# 51
29) Tetrahydrofuran	5.032	42	293	0.413	ug/l	# 41
36) 1,1-Dichloropropene	5.696	75	367	0.227	ug/l	# 53
38) Carbon Tetrachloride	5.544	117	11474	6.417	ug/l	# 17
44) Trichloroethene	7.135	130	331	0.226	ug/l	94
46) Dibromomethane	7.592	93	202	0.207	ug/l	# 73
49) 1,4-Dioxane	7.677	88	97	22.258	ug/l	# 12
51) 4-Methyl-2-Pentanone	8.580	43	560	0.251	ug/l	92
53) t-1,3-Dichloropropene	8.994	75	302	1.052	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.257	63	777	0.740	ug/l	90
59) 2-Hexanone	9.451	43	771	0.452	ug/l	92
64) Tetrachloroethene	9.275	164	292	0.207	ug/l	# 82
65) Chlorobenzene	10.079	112	1013	0.251	ug/l	96
68) m/p-Xylenes	10.305	106	829	0.324	ug/l	91
71) Bromoform	10.811	173	194	1.021	ug/l	# 29
76) 1,2,3-Trichloropropane	11.079	75	44360	24.708	ug/l	# 39
77) Bromobenzene	11.201	156	591	0.330	ug/l	72
78) n-propylbenzene	11.305	91	1830	0.280	ug/l	93
79) 2-Chlorotoluene	11.366	91	1010	0.240	ug/l	89
80) 1,3,5-Trimethylbenzene	11.451	105	1039	0.207	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.079	75	44360	70.170	ug/l	# 5
82) 4-Chlorotoluene	11.457	91	1506	0.324	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	1009	0.201	ug/l	81
85) sec-Butylbenzene	11.890	105	1527	0.246	ug/l	96
86) p-Isopropyltoluene	12.006	119	1436	0.264	ug/l	# 81

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Quant Title : SW846 8260
QLast Update : Fri Jun 21 23:51:58 2024
Response via : Initial Calibration

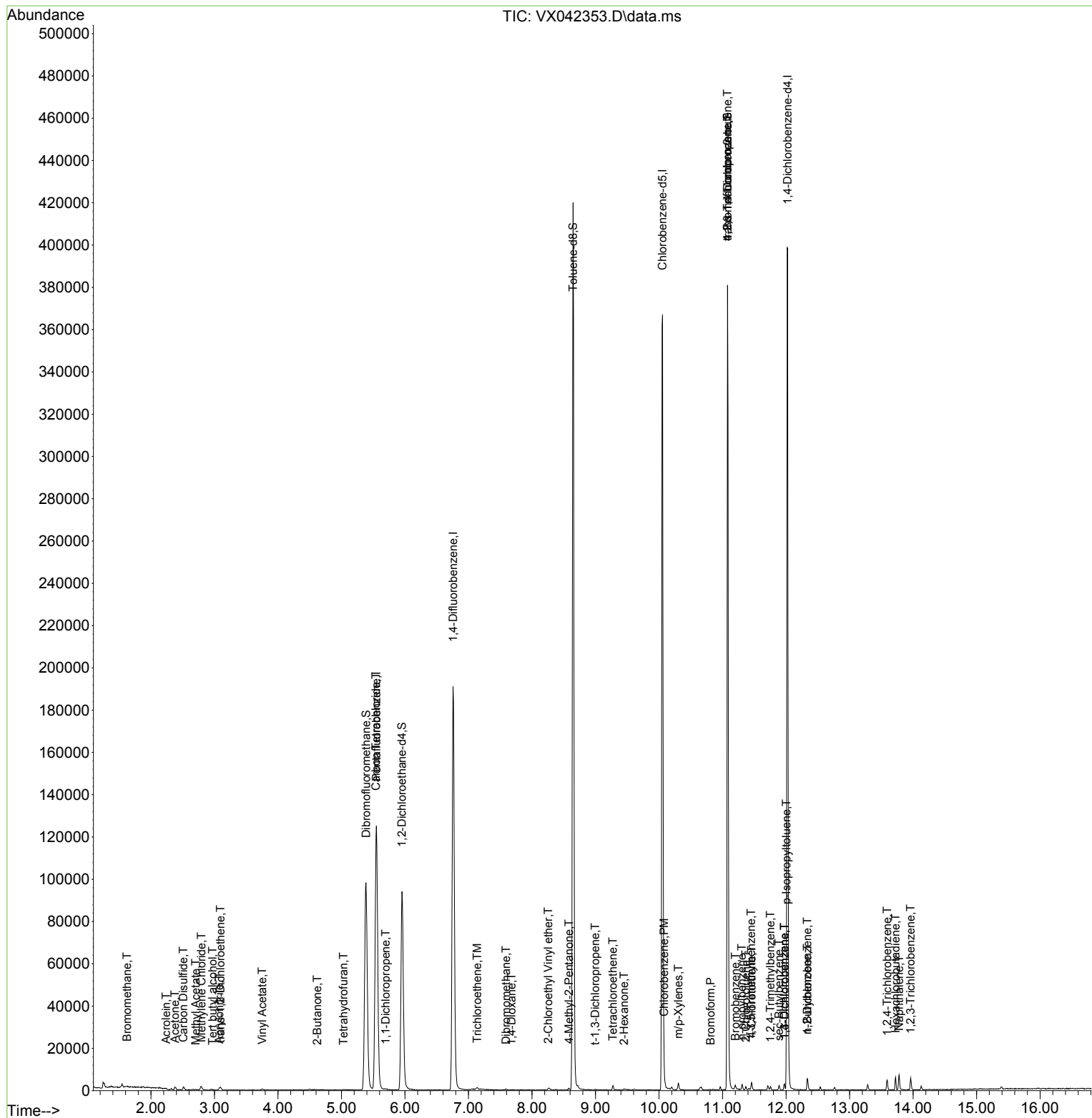
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
87) 1,3-Dichlorobenzene	11.975	146	1315	0.418	ug/l	94
88) 1,4-Dichlorobenzene	11.975	146	1315	0.407	ug/l	95
89) n-Butylbenzene	12.335	91	1941	0.464	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	1190	0.369	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	1703	0.807	ug/l	89
94) Hexachlorobutadiene	13.725	225	1158	1.085	ug/l	99
95) Naphthalene	13.780	128	5578	1.523	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	2005	0.901	ug/l	95

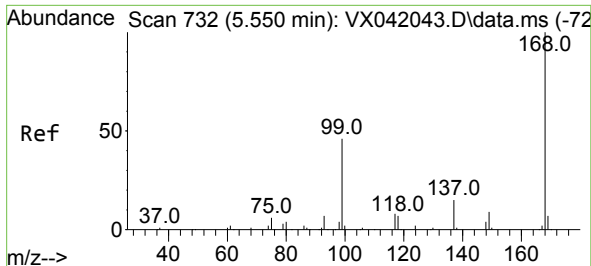
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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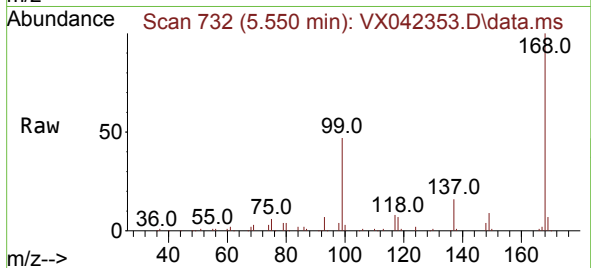
Quant Time: Jul 18 00:54:53 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
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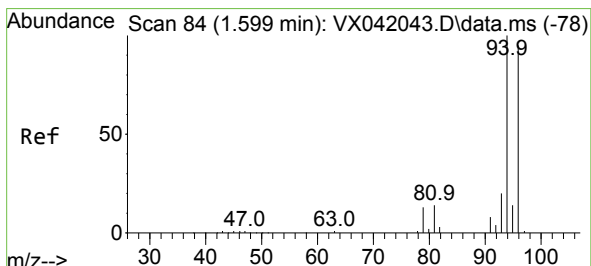
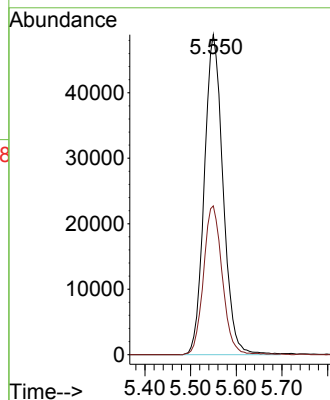
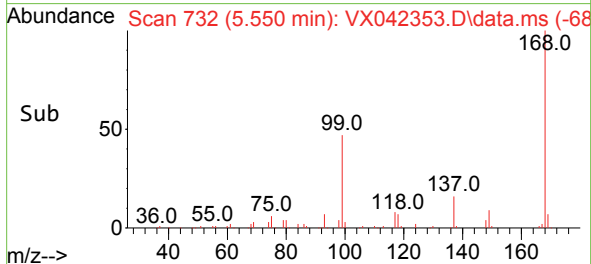


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042353.D
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ClientSampleId :

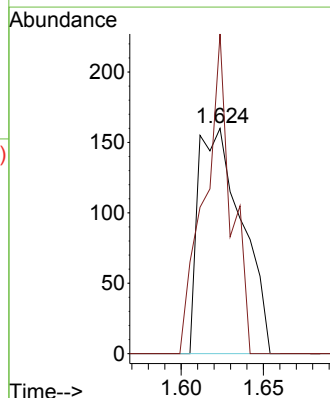
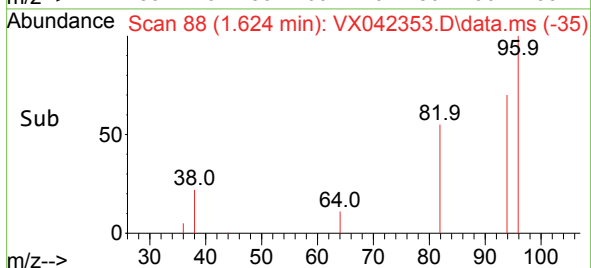
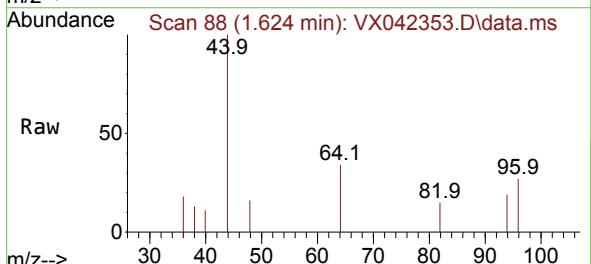


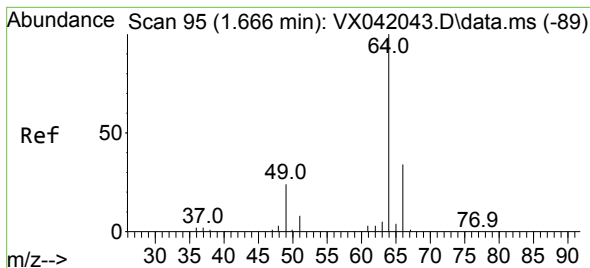
Tgt Ion:168 Resp: 139432
Ion Ratio Lower Upper
168 100
99 46.5 56.6 85.0#



#5
Bromomethane
Concen: 0.447 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX042353.D
Acq: 17 Jul 2024 11:23

Tgt Ion: 94 Resp: 295
Ion Ratio Lower Upper
94 100
96 141.9 74.6 111.8#





#6

Chloroethane

Concen: Below Cal

RT: 1.672 min Scan# 90

Delta R.T. 0.012 min

Lab File: VX042353.D

Acq: 17 Jul 2024 11:23

Instrument :

MSVOA_X

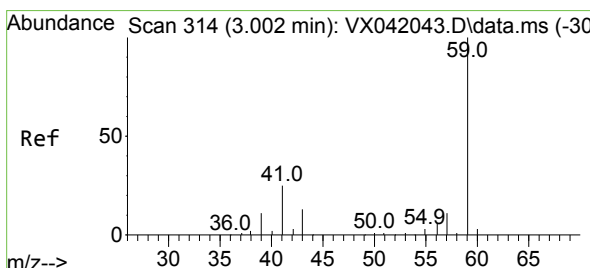
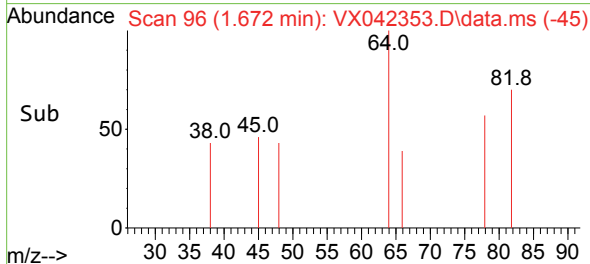
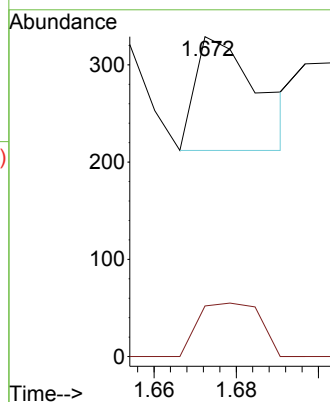
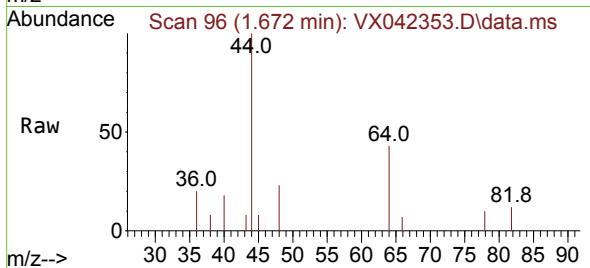
ClientSampleId :

Tgt Ion: 64 Resp: 124

Ion Ratio Lower Upper

64 100

66 44.4 25.1 37.7#



#11

Tert butyl alcohol

Concen: 0.567 ug/l

RT: 2.971 min Scan# 309

Delta R.T. -0.037 min

Lab File: VX042353.D

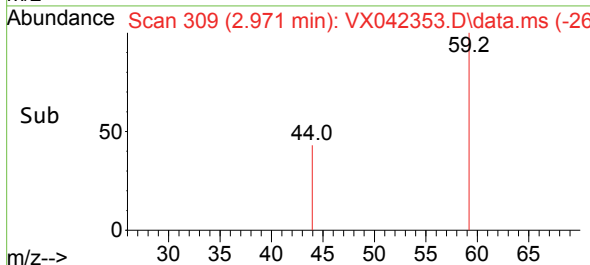
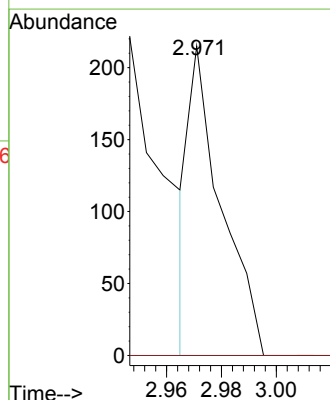
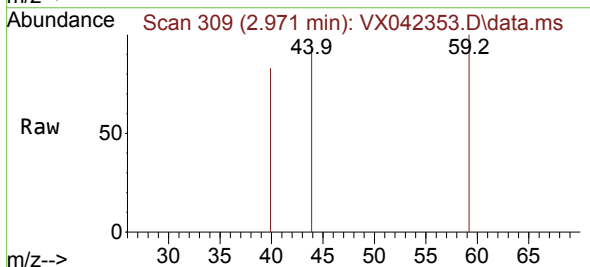
Acq: 17 Jul 2024 11:23

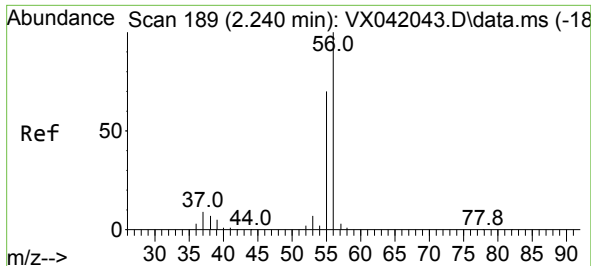
Tgt Ion: 59 Resp: 173

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#

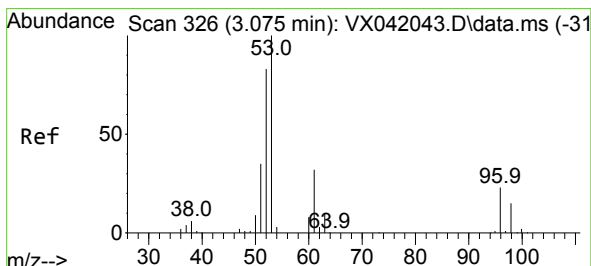
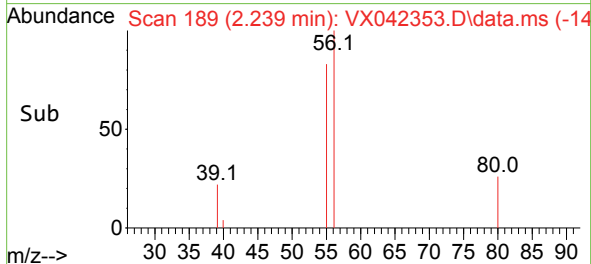
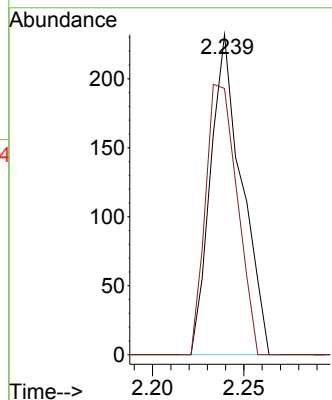
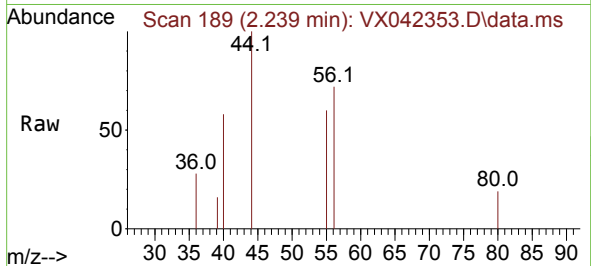




#13
Acrolein
Concen: 0.807 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX042353.D
Acq: 17 Jul 2024 11:23

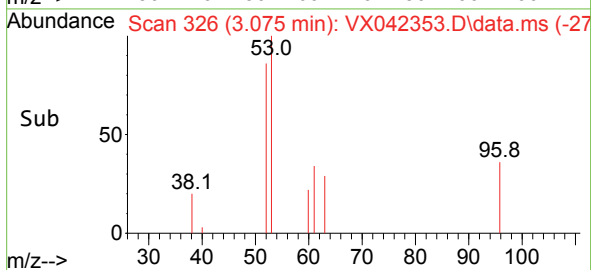
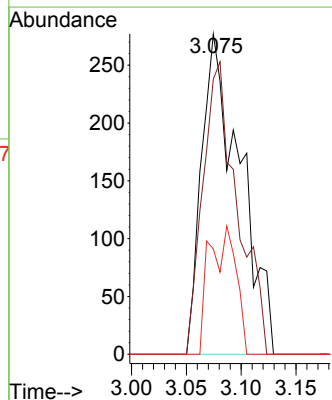
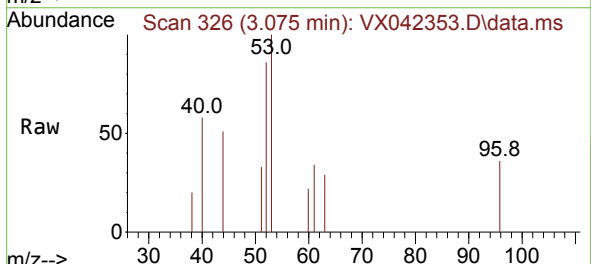
Instrument :
MSVOA_X
ClientSampleId :

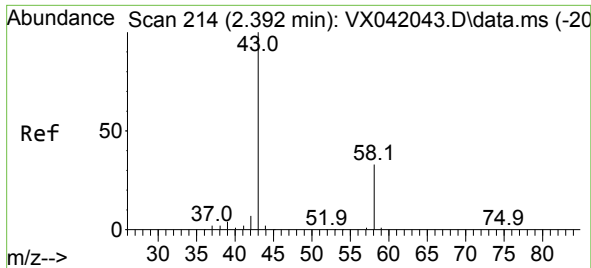
Tgt Ion: 56 Resp: 276
Ion Ratio Lower Upper
56 100
55 85.9 57.1 85.7#



#15
Acrylonitrile
Concen: 0.844 ug/l
RT: 3.075 min Scan# 326
Delta R.T. 0.000 min
Lab File: VX042353.D
Acq: 17 Jul 2024 11:23

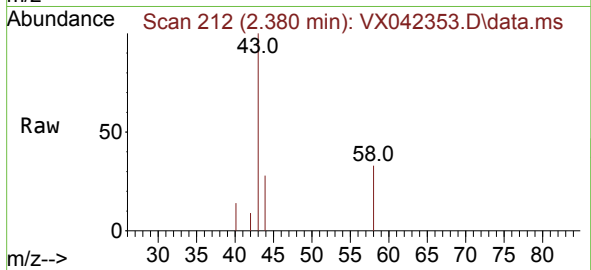
Tgt Ion: 53 Resp: 673
Ion Ratio Lower Upper
53 100
52 82.0 66.0 99.0
51 14.1 29.8 44.6#



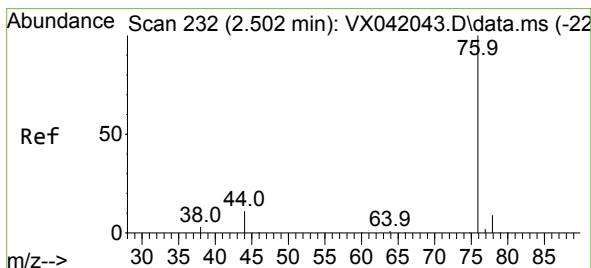
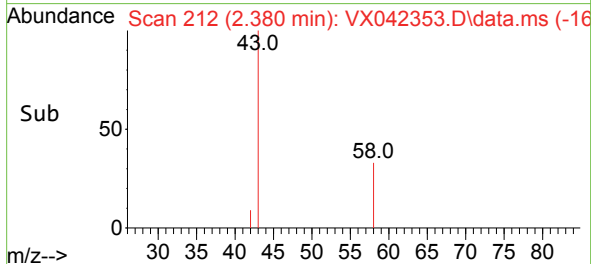
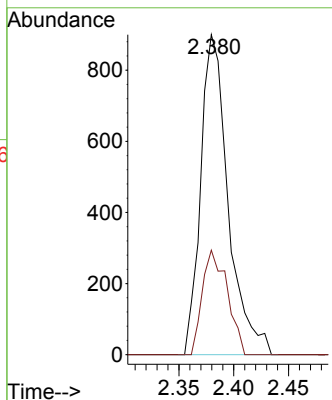


#16
Acetone
Concen: 2.221 ug/l
RT: 2.380 min Scan# 214
Delta R.T. -0.018 min
Lab File: VX042353.D
Acq: 17 Jul 2024 11:23

Instrument :
MSVOA_X
ClientSampleId :

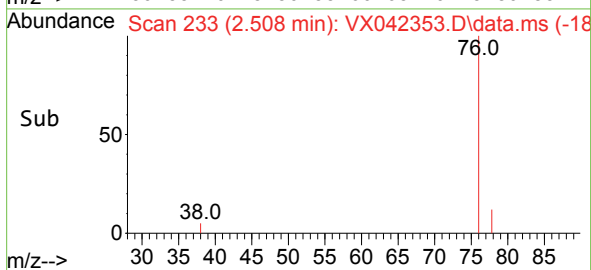
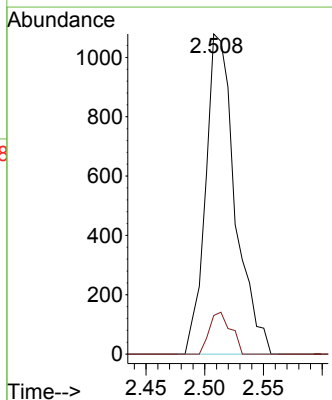
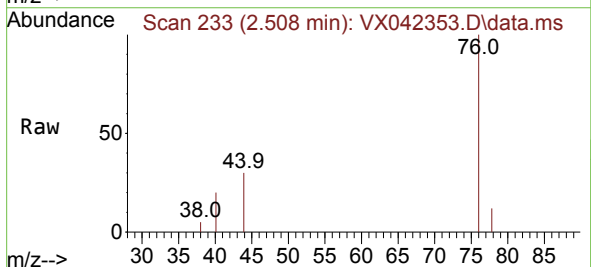


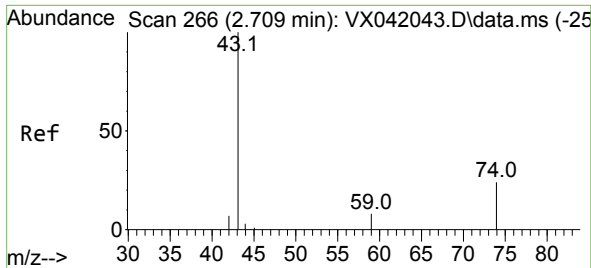
Tgt Ion: 43 Resp: 1568
Ion Ratio Lower Upper
43 100
58 32.7 21.9 32.9



#17
Carbon Disulfide
Concen: 0.770 ug/l
RT: 2.508 min Scan# 233
Delta R.T. 0.006 min
Lab File: VX042353.D
Acq: 17 Jul 2024 11:23

Tgt Ion: 76 Resp: 1887
Ion Ratio Lower Upper
76 100
78 12.0 7.0 10.6#

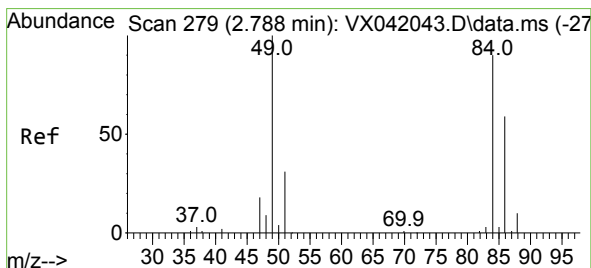
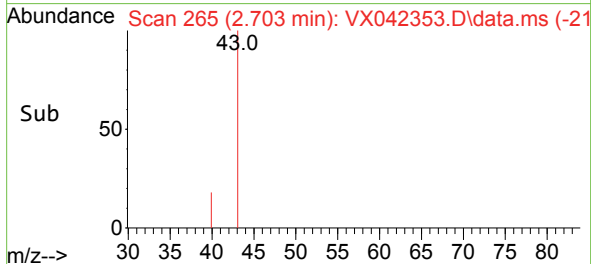
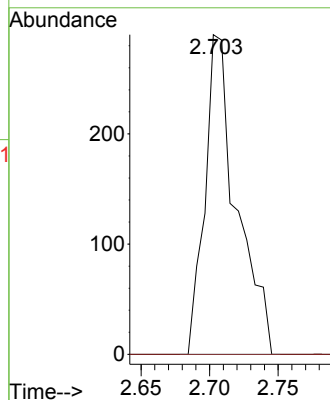
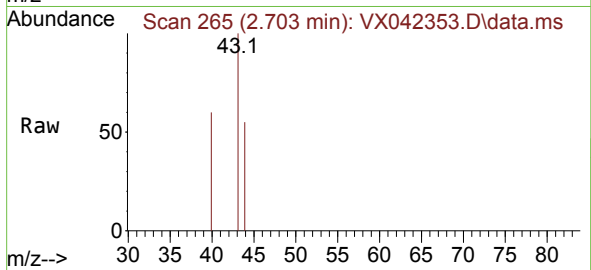




#18
Methyl Acetate
Concen: 0.242 ug/l
RT: 2.703 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX042353.D
Acq: 17 Jul 2024 11:23

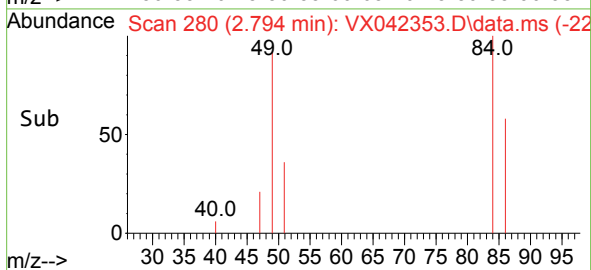
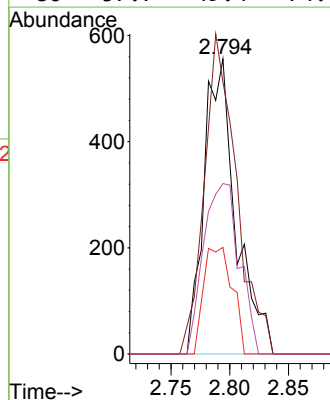
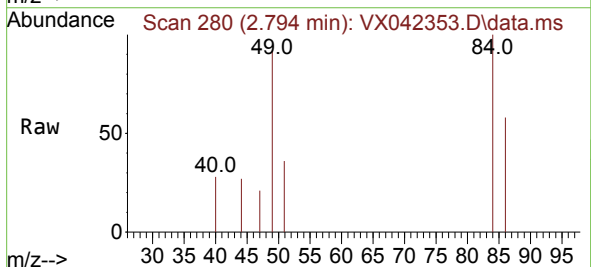
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MSVOA_X
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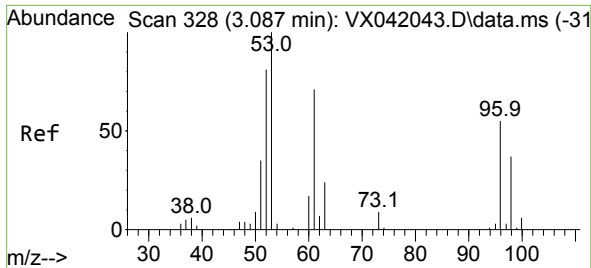
Tgt Ion: 43 Resp: 467
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#



#20
Methylene Chloride
Concen: 0.679 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.012 min
Lab File: VX042353.D
Acq: 17 Jul 2024 11:23

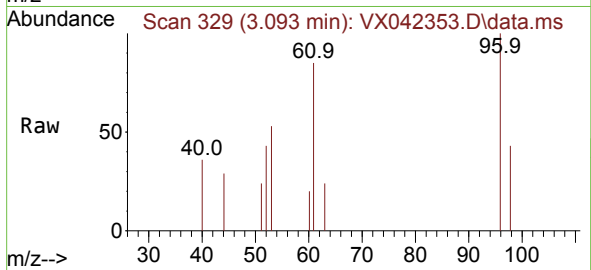
Tgt Ion: 84 Resp: 1049
Ion Ratio Lower Upper
84 100
49 92.3 103.6 155.4#
51 36.2 33.8 50.6
86 57.7 49.4 74.0



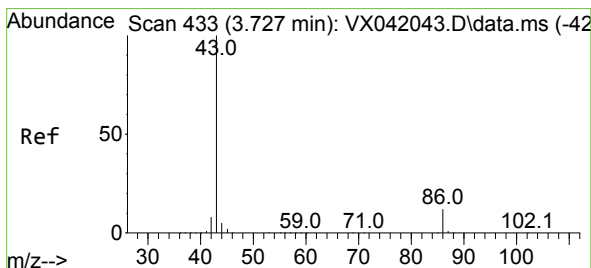
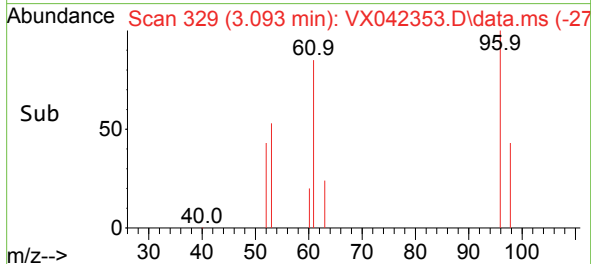
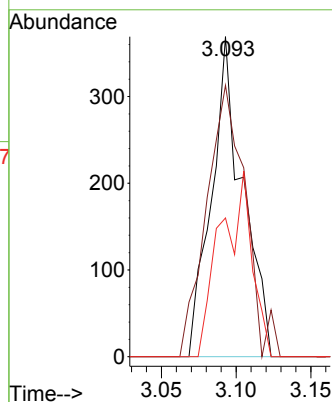


#21
trans-1,2-Dichloroethene
Concen: 0.438 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX042353.D
Acq: 17 Jul 2024 11:23

Instrument :
MSVOA_X
ClientSampleId :

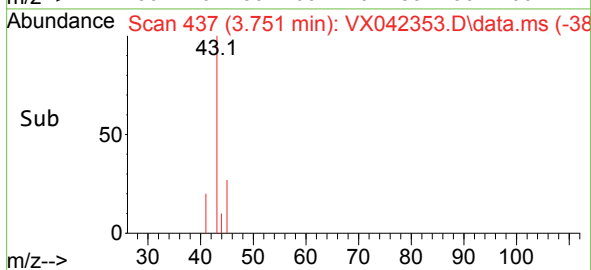
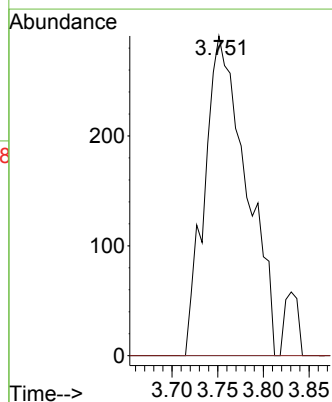
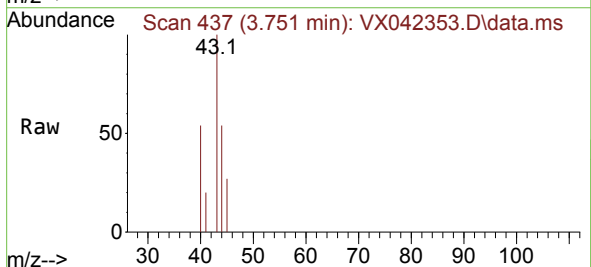


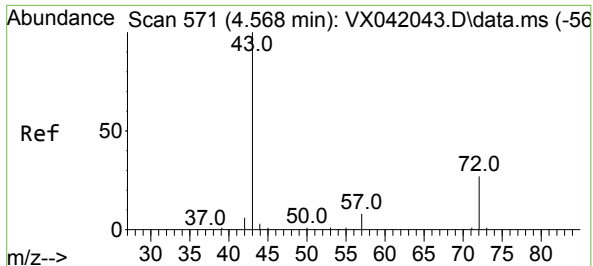
Tgt Ion: 96 Resp: 535
Ion Ratio Lower Upper
96 100
61 84.8 119.2 178.8#
98 43.4 48.7 73.1#



#23
Vinyl Acetate
Concen: 0.268 ug/l
RT: 3.751 min Scan# 437
Delta R.T. 0.024 min
Lab File: VX042353.D
Acq: 17 Jul 2024 11:23

Tgt Ion: 43 Resp: 923
Ion Ratio Lower Upper
43 100
86 0.0 7.8 11.8#

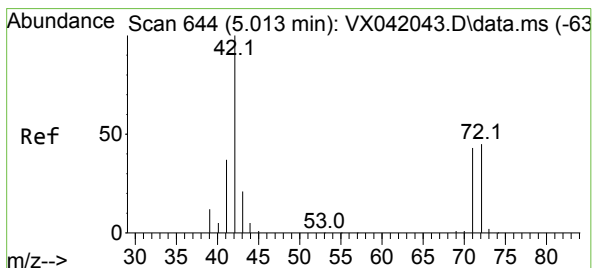
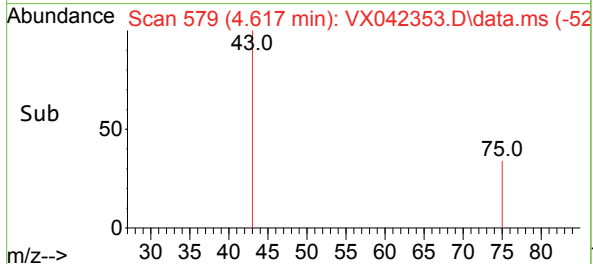
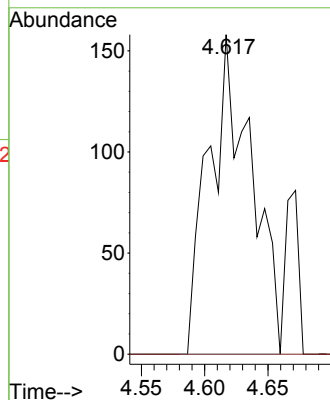
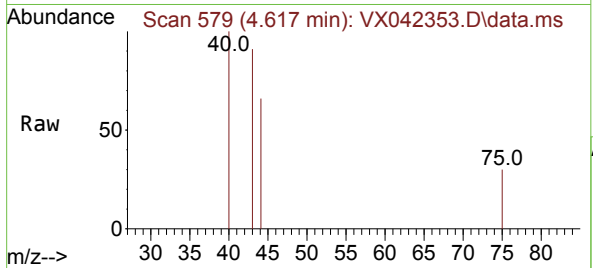




#25
2-Butanone
Concen: 0.335 ug/l
RT: 4.617 min Scan# 51
Delta R.T. 0.043 min
Lab File: VX042353.D
Acq: 17 Jul 2024 11:23

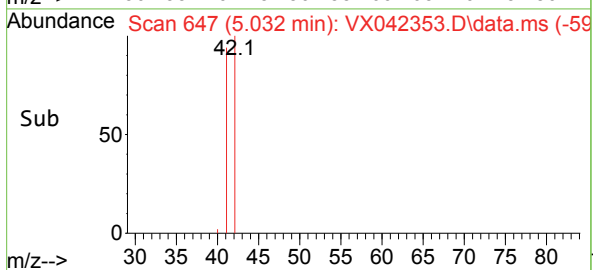
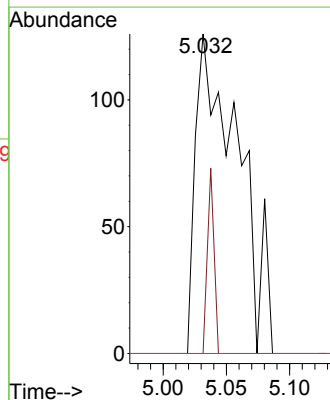
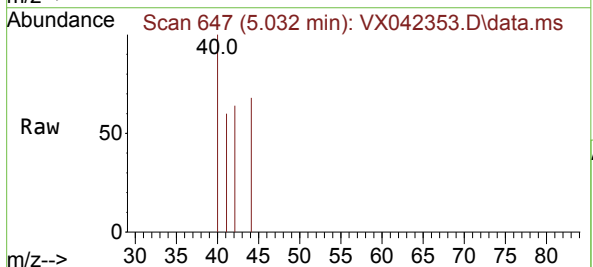
Instrument :
MSVOA_X
ClientSampleId :

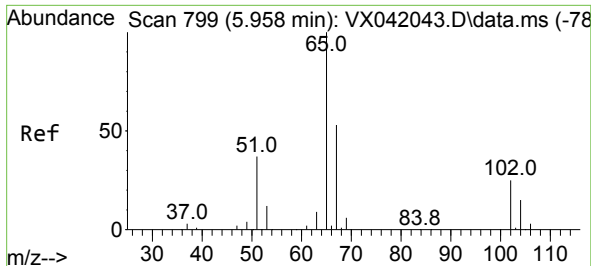
Tgt Ion: 43 Resp: 368
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#29
Tetrahydrofuran
Concen: 0.413 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.012 min
Lab File: VX042353.D
Acq: 17 Jul 2024 11:23

Tgt Ion: 42 Resp: 293
Ion Ratio Lower Upper
42 100
72 9.2 34.2 51.4#
71 0.0 32.2 48.2#





#33

1,2-Dichloroethane-d4

Concen: 54.761 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX042353.D

Acq: 17 Jul 2024 11:23

Instrument :

MSVOA_X

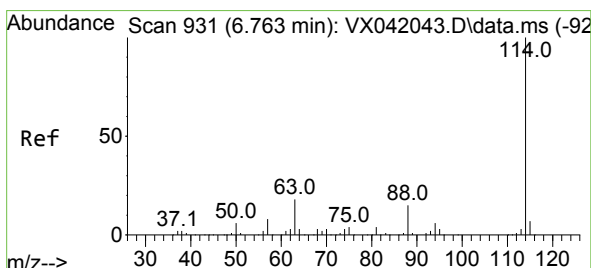
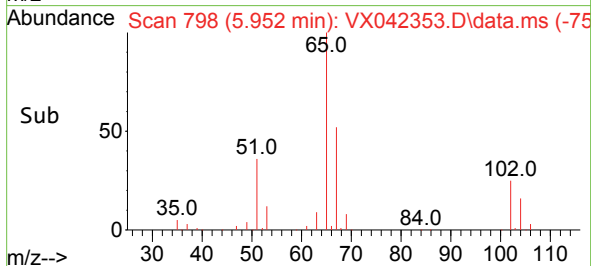
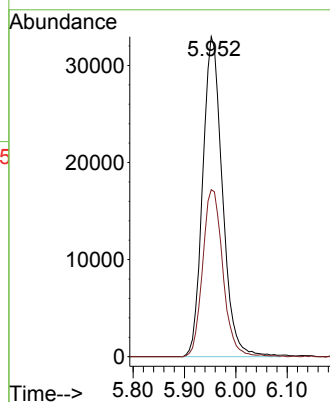
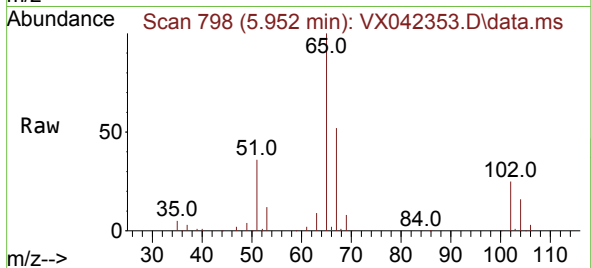
ClientSampleId :

Tgt Ion: 65 Resp: 88046

Ion Ratio Lower Upper

65 100

67 53.5 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: VX042353.D

Acq: 17 Jul 2024 11:23

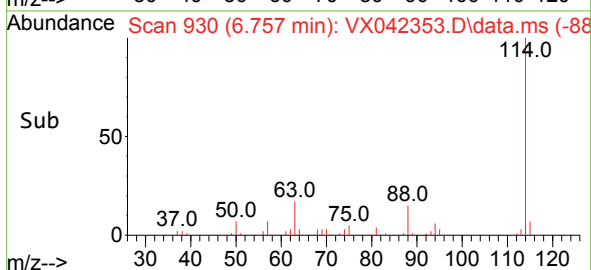
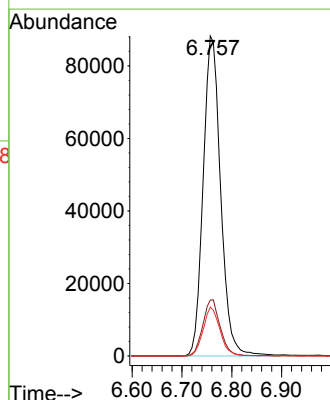
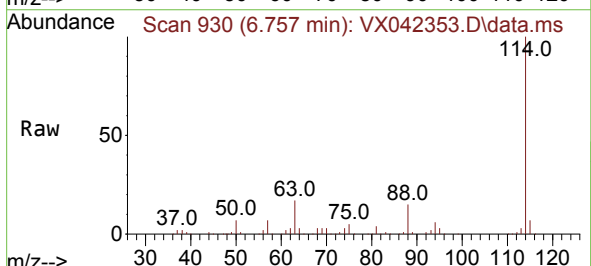
Tgt Ion: 114 Resp: 214767

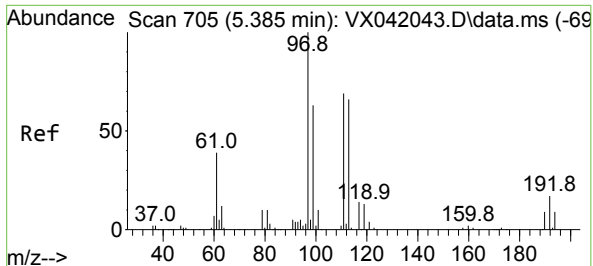
Ion Ratio Lower Upper

114 100

63 17.5 0.0 45.0

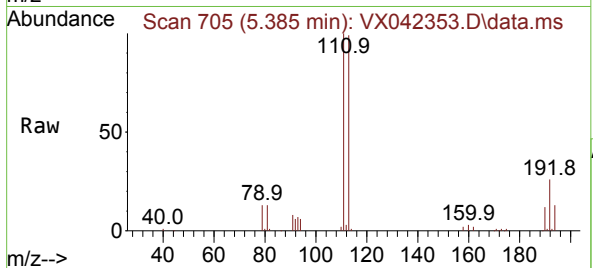
88 15.3 0.0 36.6



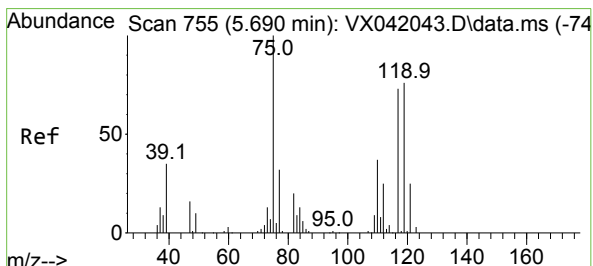
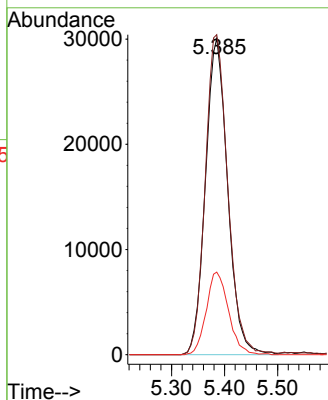
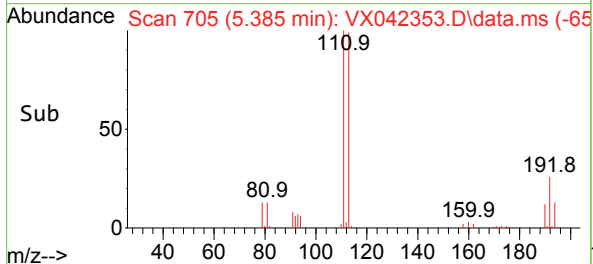


#35
Dibromofluoromethane
Concen: 57.339 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042353.D
Acq: 17 Jul 2024 11:23

Instrument :
MSVOA_X
ClientSampleId :

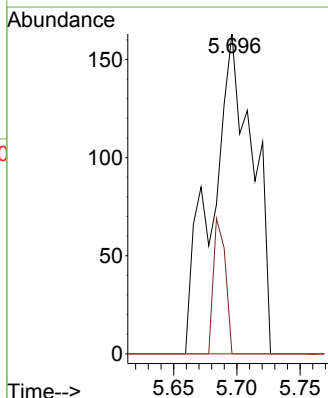
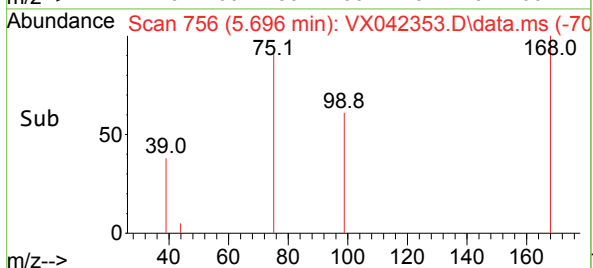
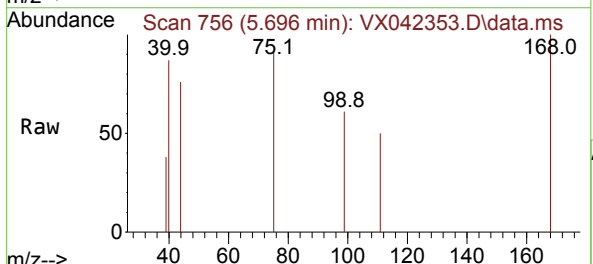


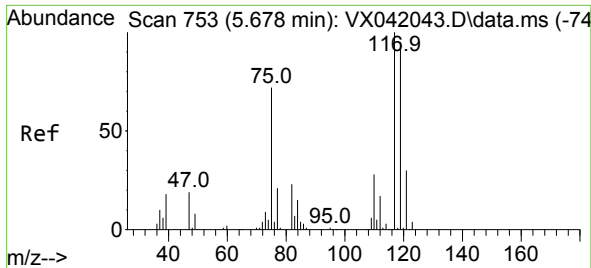
Tgt Ion:113 Resp: 87378
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 26.2 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 0.227 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX042353.D
Acq: 17 Jul 2024 11:23

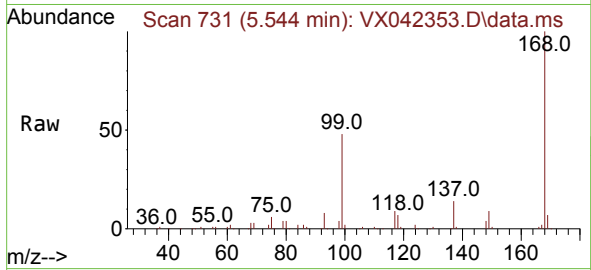
Tgt Ion: 75 Resp: 367
Ion Ratio Lower Upper
75 100
110 12.3 17.0 50.9#
77 0.0 24.7 37.1#



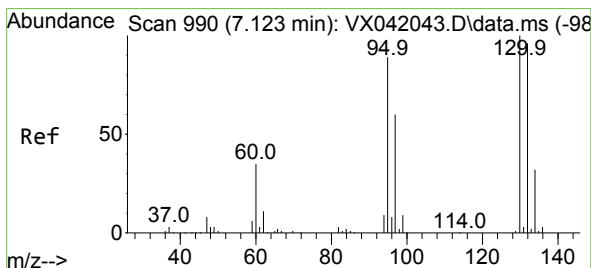
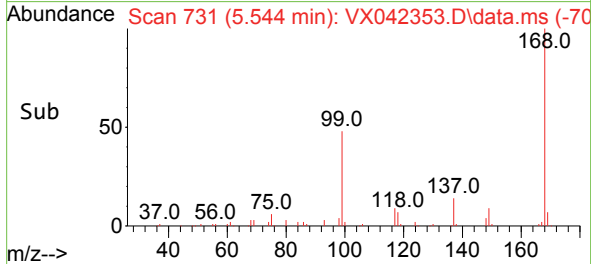
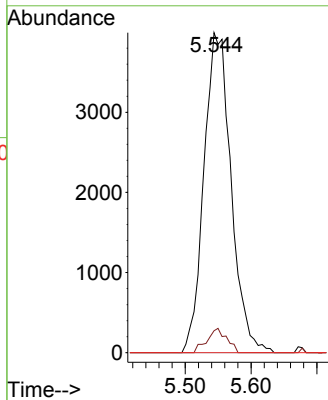


#38
Carbon Tetrachloride
Concen: 6.417 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX042353.D
Acq: 17 Jul 2024 11:23

Instrument :
MSVOA_X
ClientSampleId :

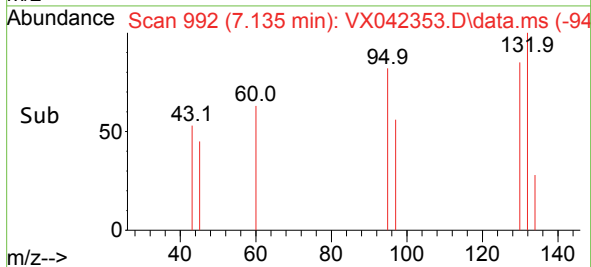
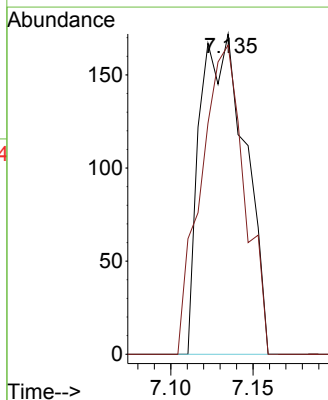
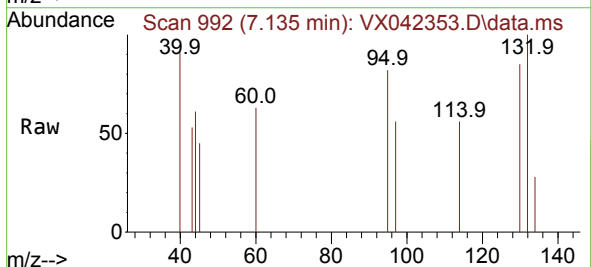


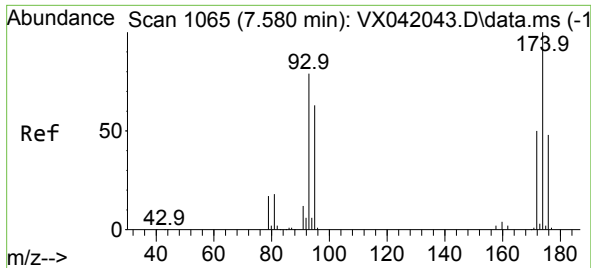
Tgt Ion:117 Resp: 11474
Ion Ratio Lower Upper
117 100
119 6.8 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 0.226 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX042353.D
Acq: 17 Jul 2024 11:23

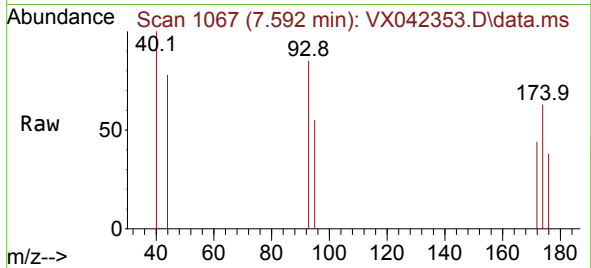
Tgt Ion:130 Resp: 331
Ion Ratio Lower Upper
130 100
95 96.5 0.0 204.4



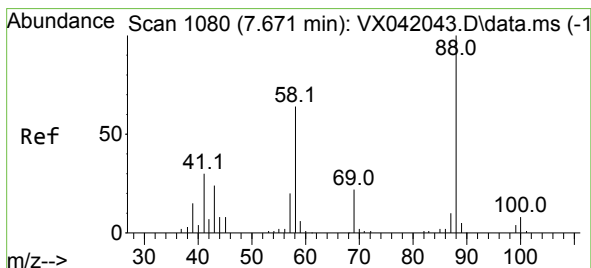
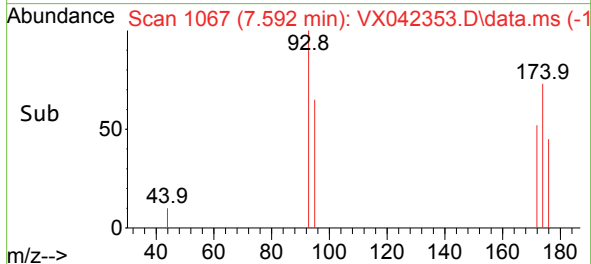
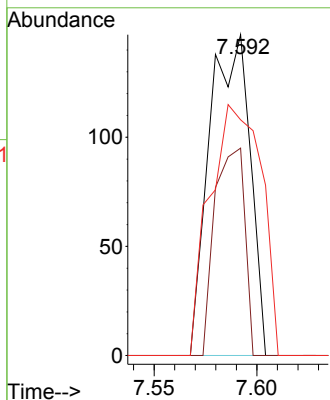


#46
Dibromomethane
Concen: 0.207 ug/l
RT: 7.592 min Scan# 1067
Delta R.T. 0.012 min
Lab File: VX042353.D
Acq: 17 Jul 2024 11:23

Instrument :
MSVOA_X
ClientSampleId :

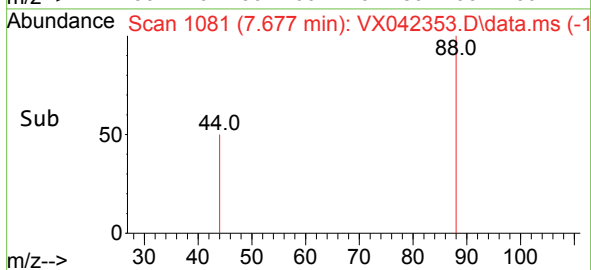
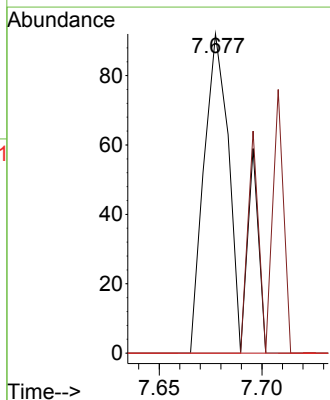
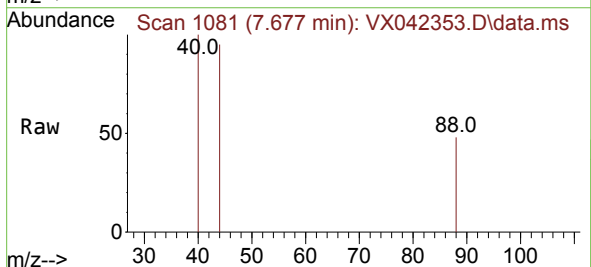


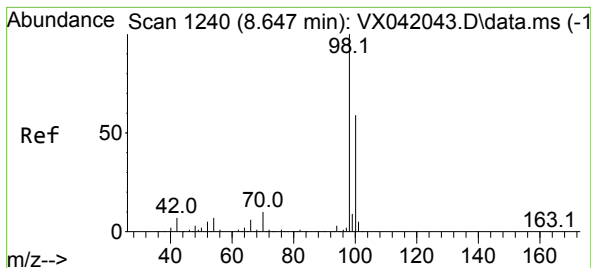
Tgt Ion: 93 Resp: 202
Ion Ratio Lower Upper
93 100
95 47.5 66.6 100.0#
174 99.5 69.4 104.0



#49
1,4-Dioxane
Concen: 22.258 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. 0.012 min
Lab File: VX042353.D
Acq: 17 Jul 2024 11:23

Tgt Ion: 88 Resp: 97
Ion Ratio Lower Upper
88 100
43 23.7 0.0 0.0#
58 0.0 60.1 90.1#





#50

Toluene-d8

Concen: 48.944 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX042353.D

Acq: 17 Jul 2024 11:23

Instrument :

MSVOA_X

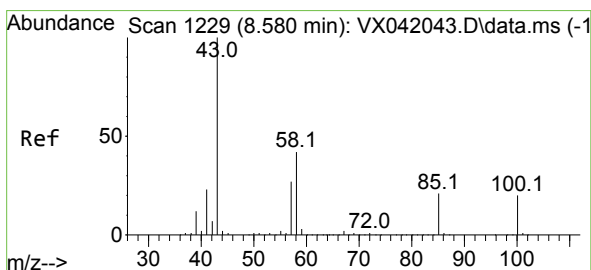
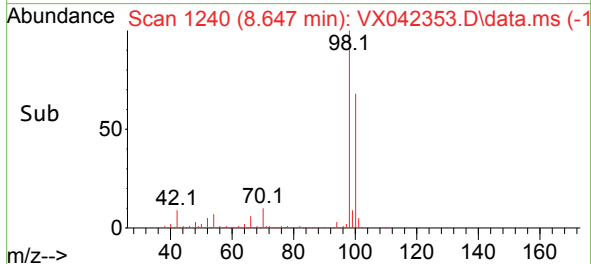
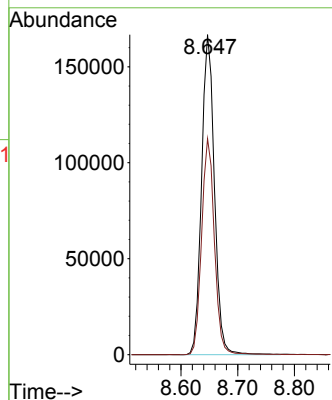
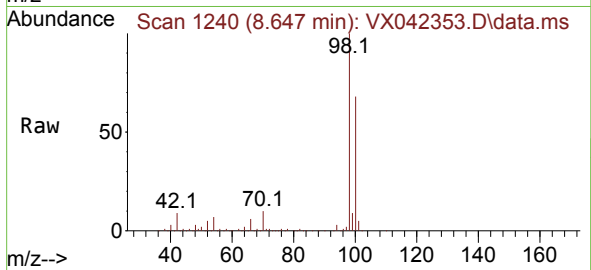
ClientSampleId :

Tgt Ion: 98 Resp: 262019

Ion Ratio Lower Upper

98 100

100 67.3 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 0.251 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VX042353.D

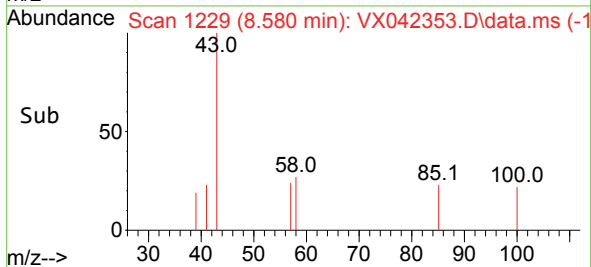
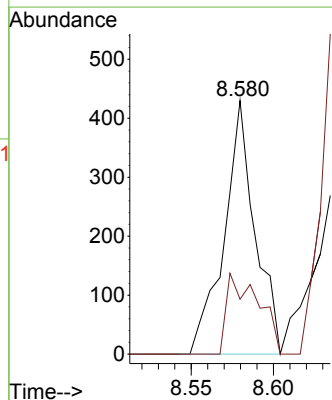
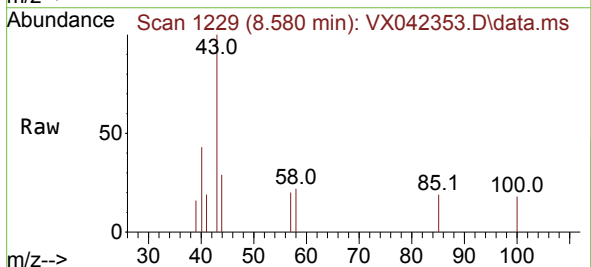
Acq: 17 Jul 2024 11:23

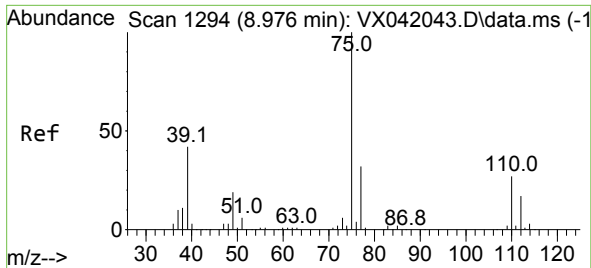
Tgt Ion: 43 Resp: 560

Ion Ratio Lower Upper

43 100

58 33.0 30.4 45.6

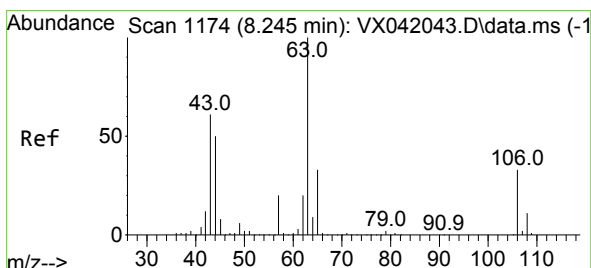
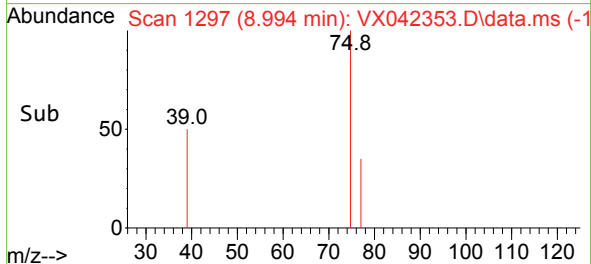
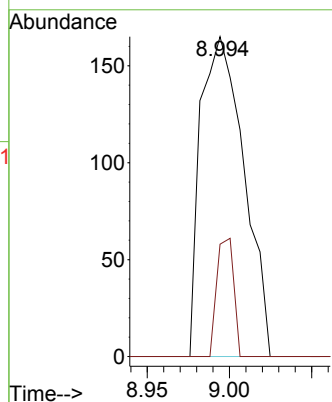
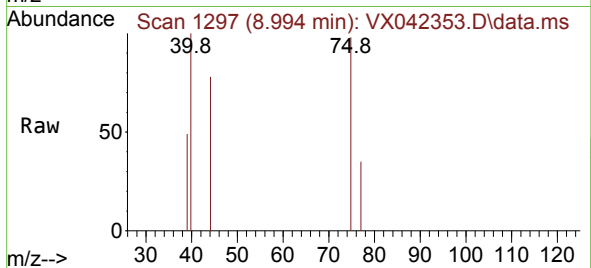




#53
 t-1,3-Dichloropropene
 Concen: 1.052 ug/l
 RT: 8.994 min Scan# 1175
 Delta R.T. 0.012 min
 Lab File: VX042353.D
 Acq: 17 Jul 2024 11:23

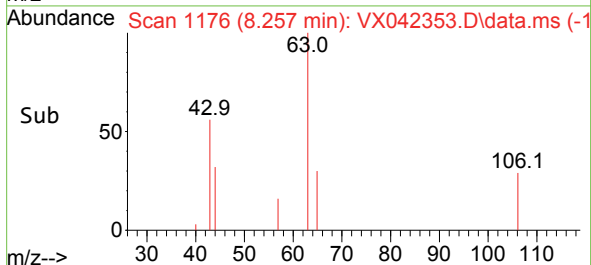
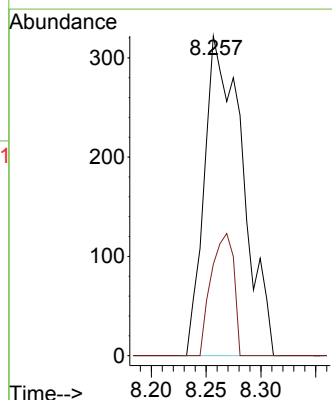
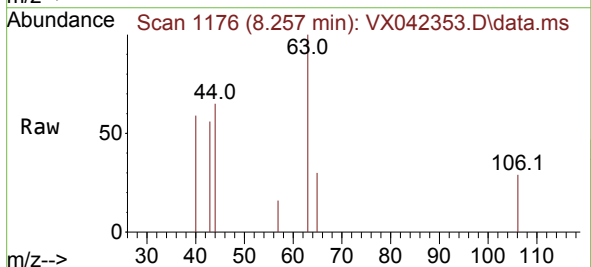
Instrument :
 MSVOA_X
 ClientSampleId :

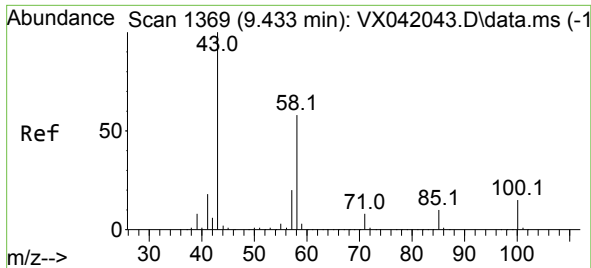
Tgt Ion: 75 Resp: 302
 Ion Ratio Lower Upper
 75 100
 77 35.2 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 0.740 ug/l
 RT: 8.257 min Scan# 1176
 Delta R.T. 0.012 min
 Lab File: VX042353.D
 Acq: 17 Jul 2024 11:23

Tgt Ion: 63 Resp: 777
 Ion Ratio Lower Upper
 63 100
 106 22.8 22.5 33.7

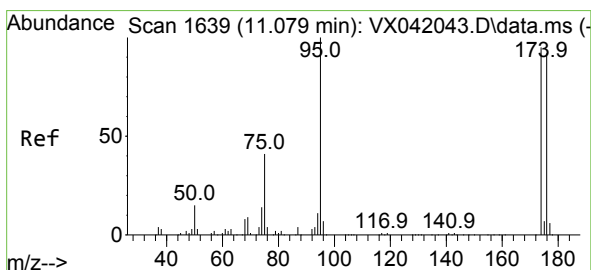
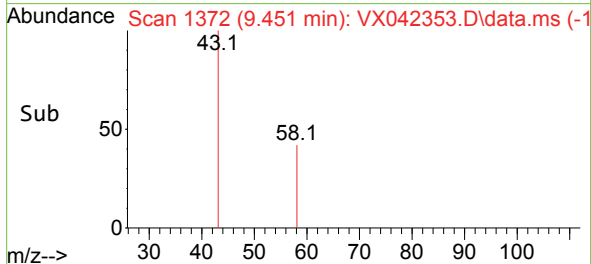
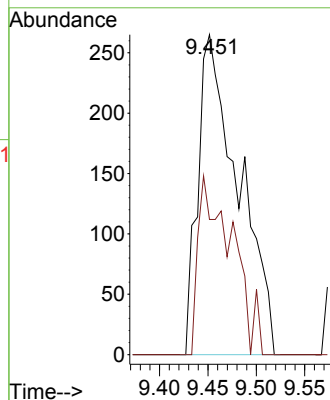
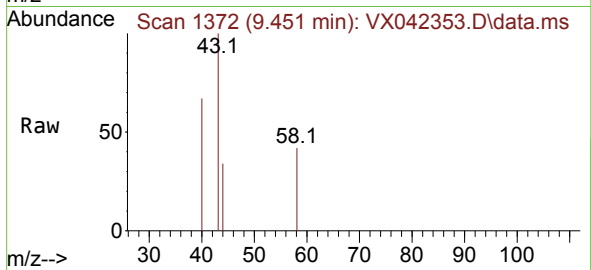




#59
2-Hexanone
Concen: 0.452 ug/l
RT: 9.451 min Scan# 11
Delta R.T. 0.018 min
Lab File: VX042353.D
Acq: 17 Jul 2024 11:23

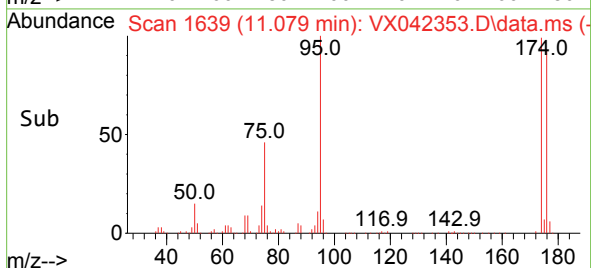
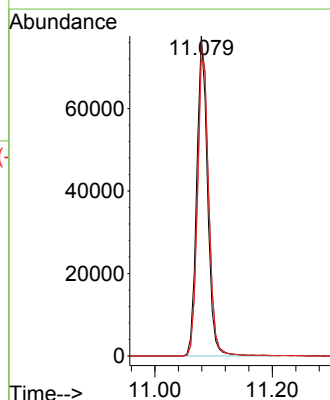
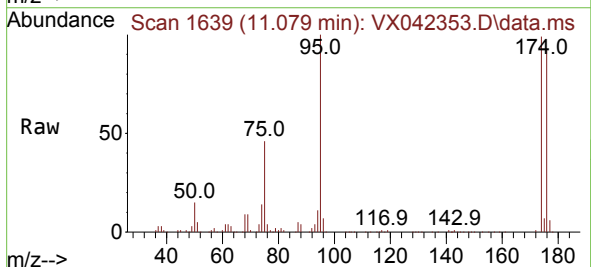
Instrument :
MSVOA_X
ClientSampleId :

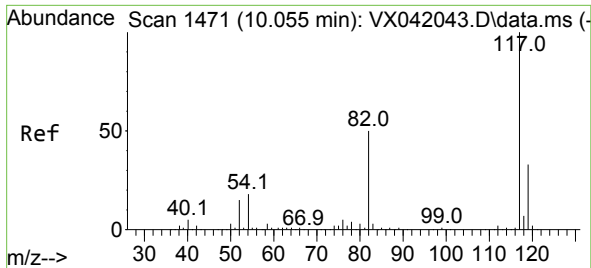
Tgt Ion: 43 Resp: 771
Ion Ratio Lower Upper
43 100
58 46.7 26.2 78.5



#62
4-Bromofluorobenzene
Concen: 50.172 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042353.D
Acq: 17 Jul 2024 11:23

Tgt Ion: 95 Resp: 99011
Ion Ratio Lower Upper
95 100
174 100.9 0.0 135.6
176 97.7 0.0 131.0

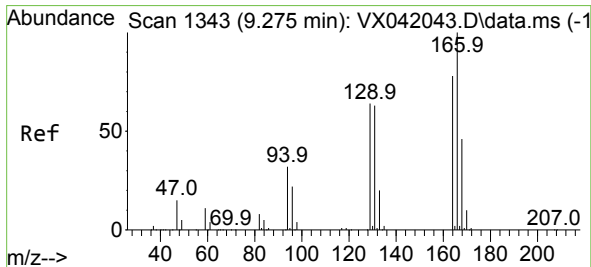
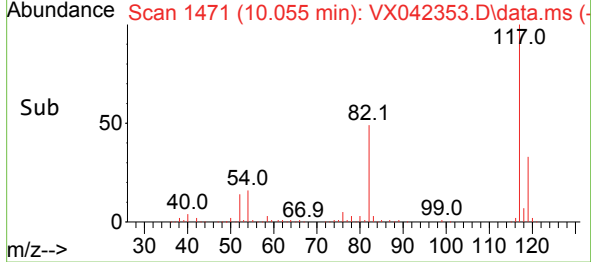
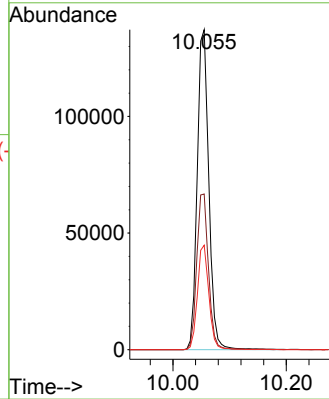
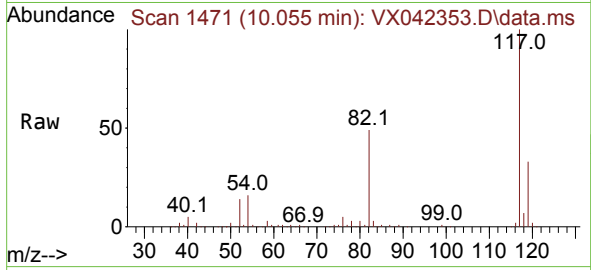




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042353.D
Acq: 17 Jul 2024 11:23

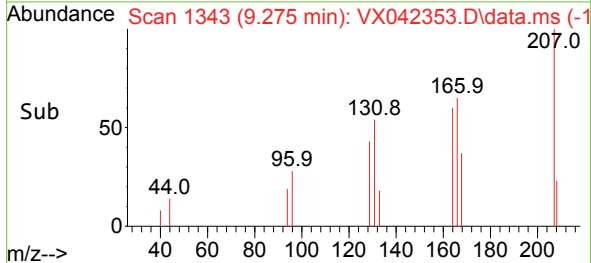
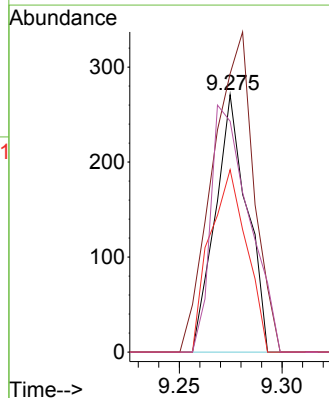
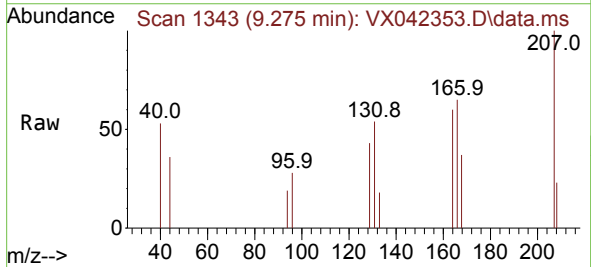
Instrument :
MSVOA_X
ClientSampleId :

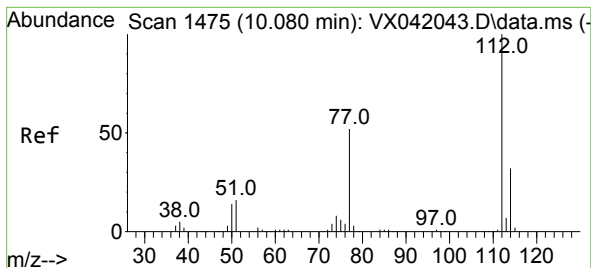
Tgt Ion:117 Resp: 194211
Ion Ratio Lower Upper
117 100
82 48.7 46.2 69.4
119 32.7 25.5 38.3



#64
Tetrachloroethene
Concen: 0.207 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX042353.D
Acq: 17 Jul 2024 11:23

Tgt Ion:164 Resp: 292
Ion Ratio Lower Upper
164 100
166 108.1 102.7 154.1
129 70.8 80.4 120.6#
131 89.7 76.5 114.7





#65

Chlorobenzene

Concen: 0.251 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX042353.D

Acq: 17 Jul 2024 11:23

Instrument :

MSVOA_X

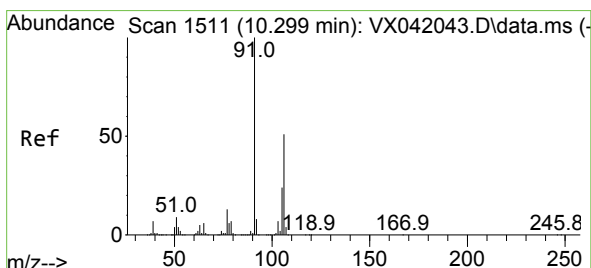
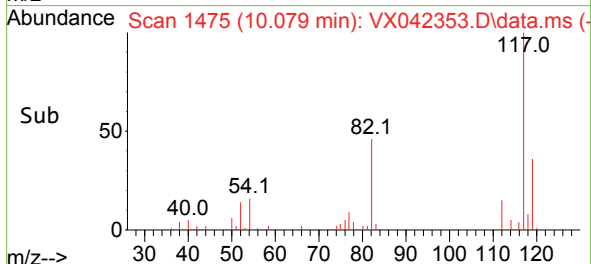
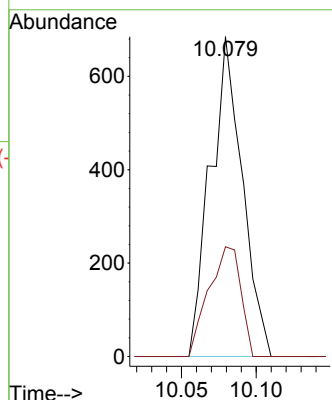
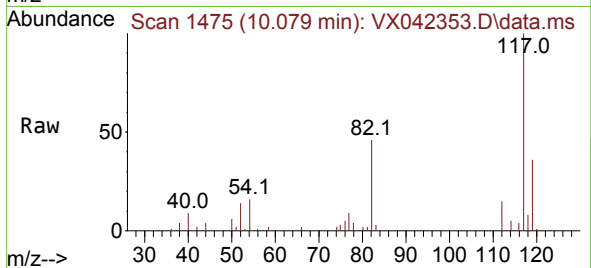
ClientSampleId :

Tgt Ion:112 Resp: 1013

Ion Ratio Lower Upper

112 100

114 34.3 25.7 38.5



#68

m/p-Xylenes

Concen: 0.324 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX042353.D

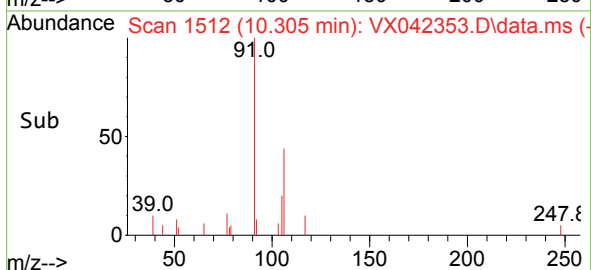
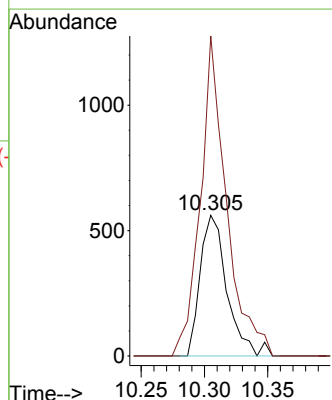
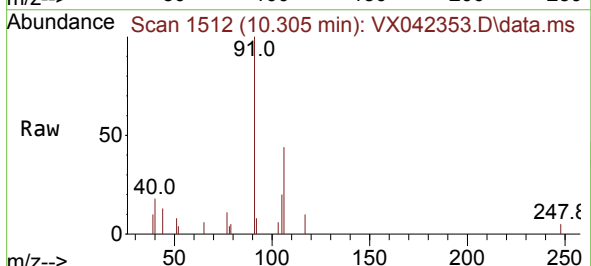
Acq: 17 Jul 2024 11:23

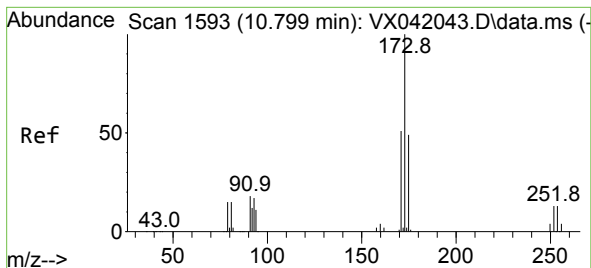
Tgt Ion:106 Resp: 829

Ion Ratio Lower Upper

106 100

91 221.2 165.5 248.3





#71

Bromoform

Concen: 1.021 ug/l

RT: 10.811 min Scan# 1595

Delta R.T. 0.012 min

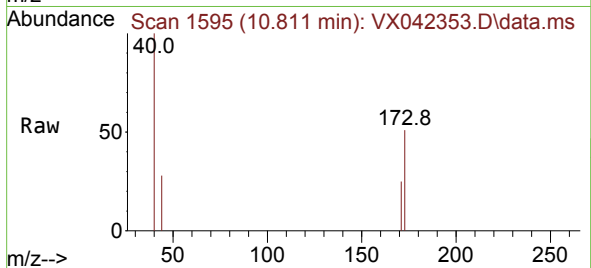
Lab File: VX042353.D

Acq: 17 Jul 2024 11:23

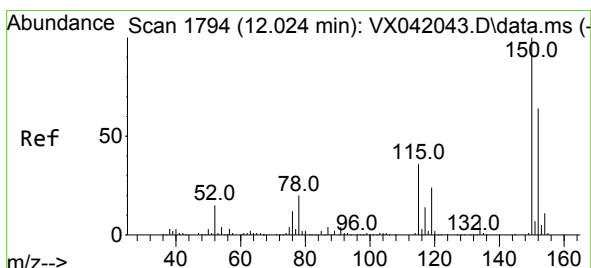
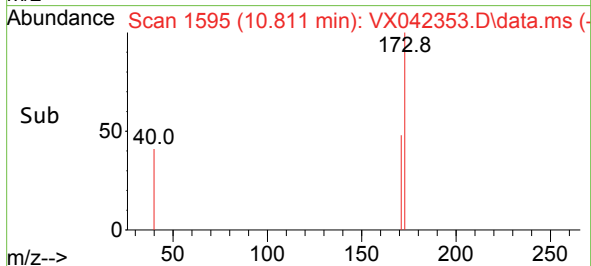
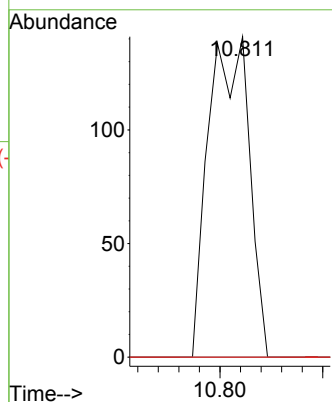
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	173	Resp:	194
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

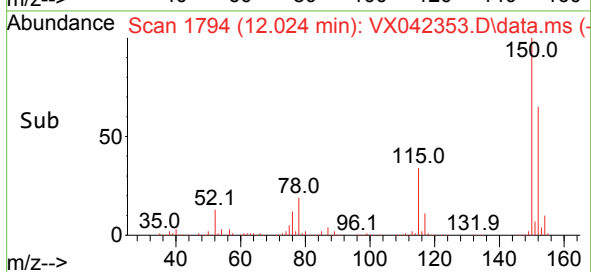
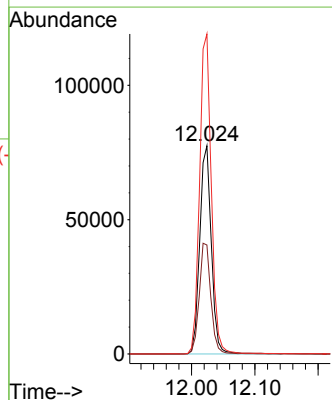
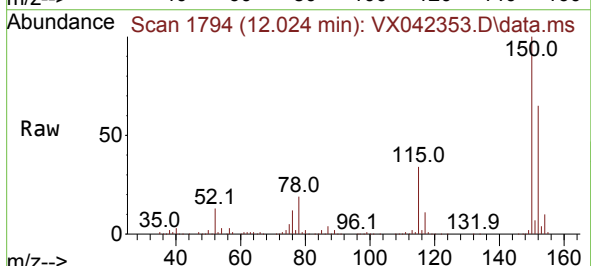
RT: 12.024 min Scan# 1794

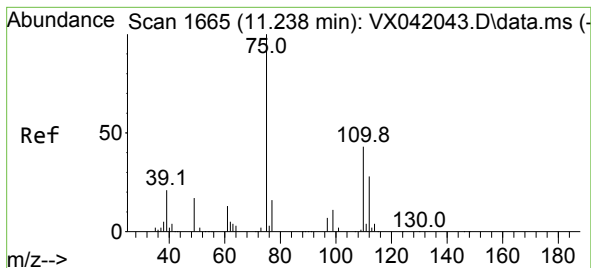
Delta R.T. 0.000 min

Lab File: VX042353.D

Acq: 17 Jul 2024 11:23

Tgt Ion:	152	Resp:	98895
Ion Ratio	Lower	Upper	
152	100		
115	53.4	43.3	129.9
150	155.6	0.0	345.0





#76

1,2,3-Trichloropropane

Concen: 24.708 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.158 min

Lab File: VX042353.D

Acq: 17 Jul 2024 11:23

Instrument :

MSVOA_X

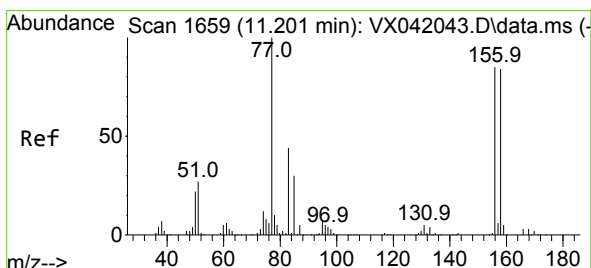
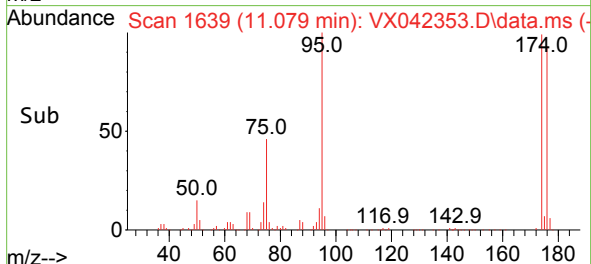
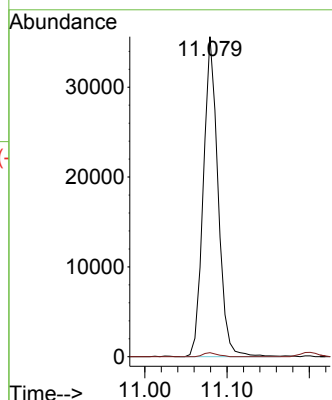
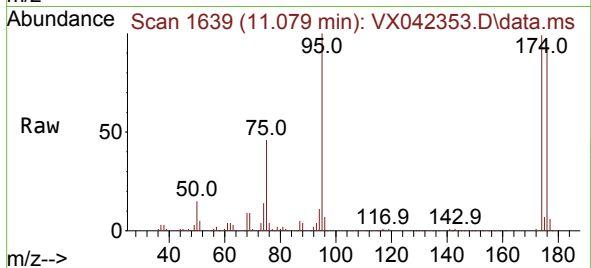
ClientSampleId :

Tgt Ion: 75 Resp: 44360

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#77

Bromobenzene

Concen: 0.330 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX042353.D

Acq: 17 Jul 2024 11:23

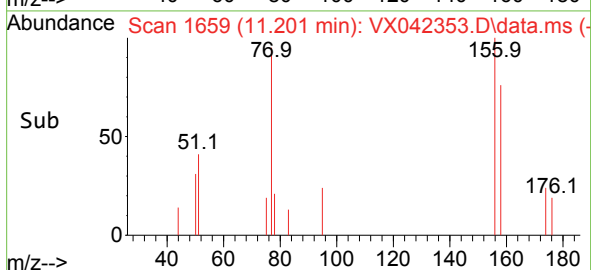
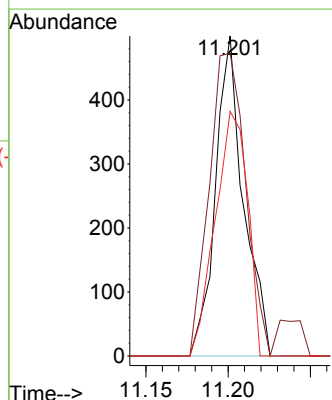
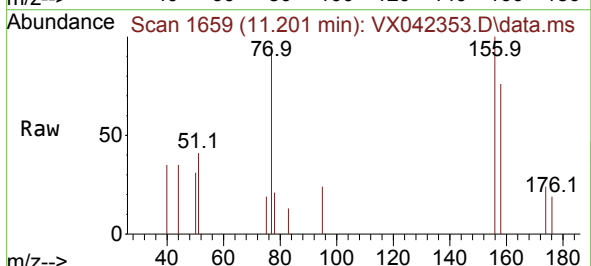
Tgt Ion:156 Resp: 591

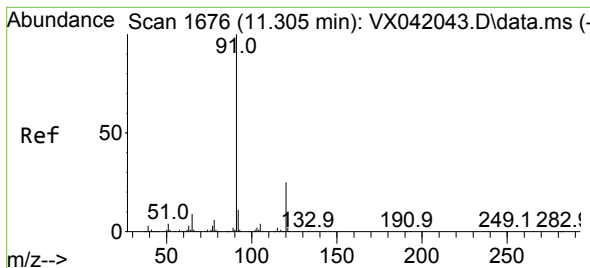
Ion Ratio Lower Upper

156 100

77 123.2 88.4 265.3

158 88.5 48.0 144.0





#78

n-propylbenzene

Concen: 0.280 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX042353.D

Acq: 17 Jul 2024 11:23

Instrument :

MSVOA_X

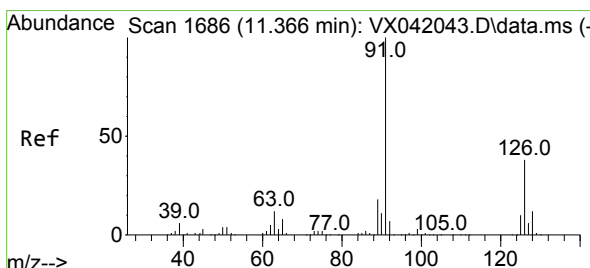
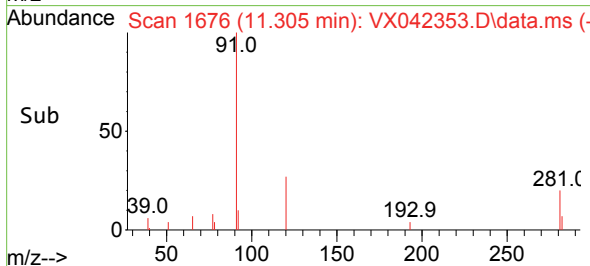
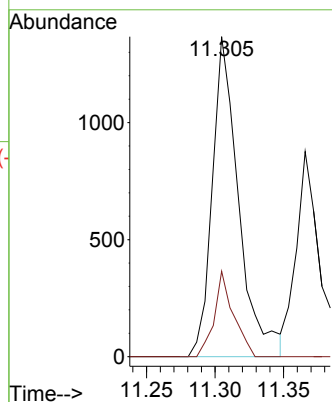
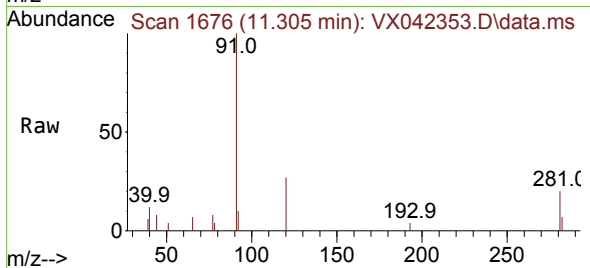
ClientSampleId :

Tgt Ion: 91 Resp: 1830

Ion Ratio Lower Upper

91 100

120 19.3 11.5 34.4



#79

2-Chlorotoluene

Concen: 0.240 ug/l

RT: 11.366 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VX042353.D

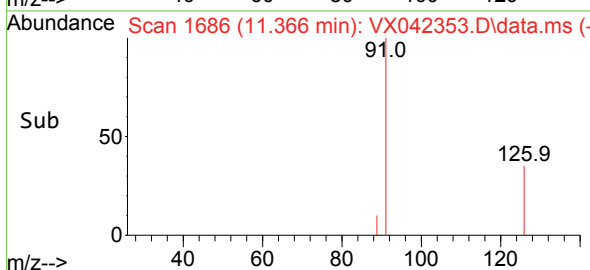
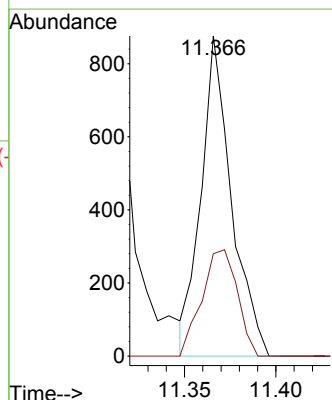
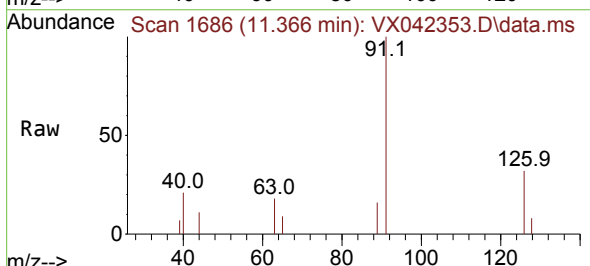
Acq: 17 Jul 2024 11:23

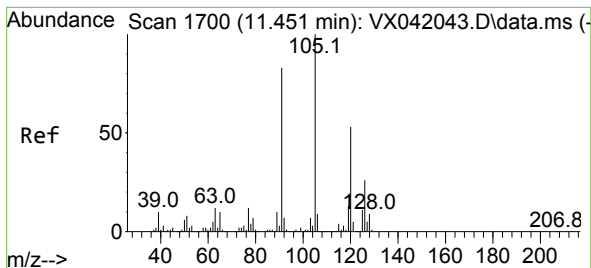
Tgt Ion: 91 Resp: 1010

Ion Ratio Lower Upper

91 100

126 38.9 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 0.207 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX042353.D

Acq: 17 Jul 2024 11:23

Instrument :

MSVOA_X

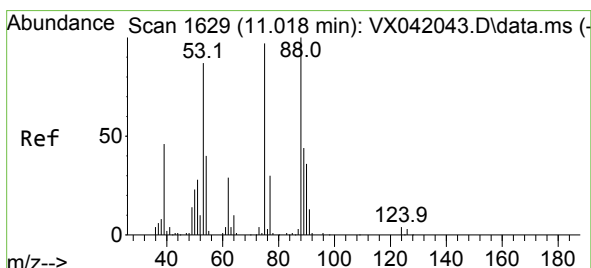
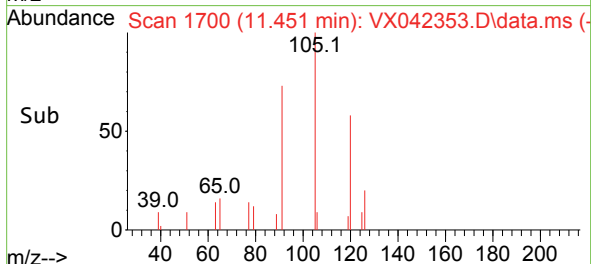
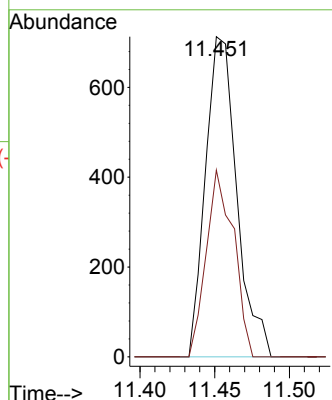
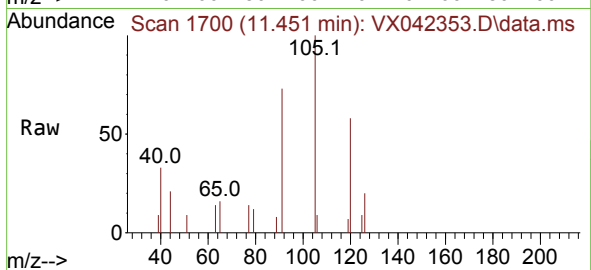
ClientSampleId :

Tgt Ion:105 Resp: 1039

Ion Ratio Lower Upper

105 100

120 50.9 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 70.170 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX042353.D

Acq: 17 Jul 2024 11:23

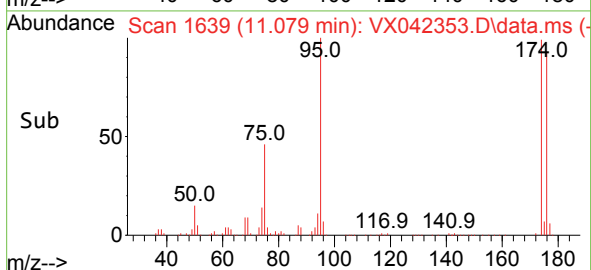
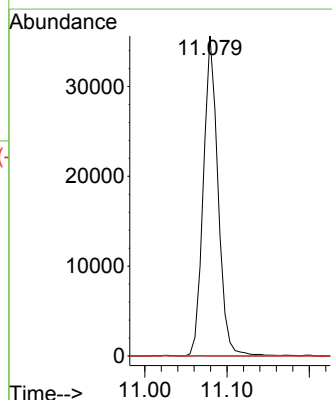
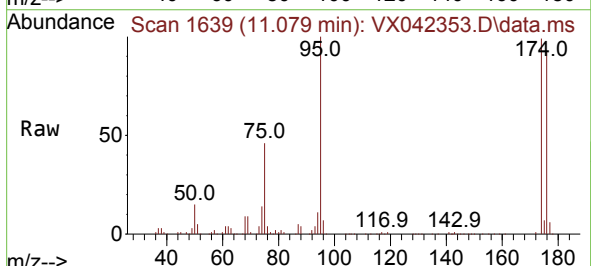
Tgt Ion: 75 Resp: 44360

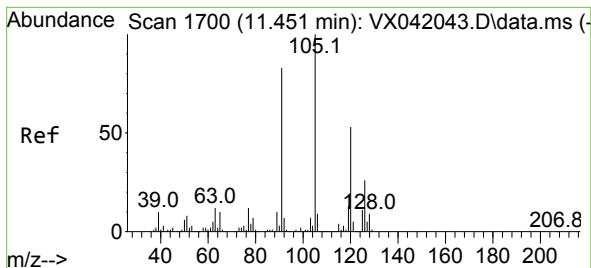
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

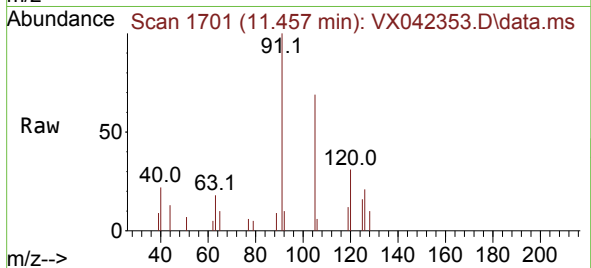
89 0.0 36.9 55.3#



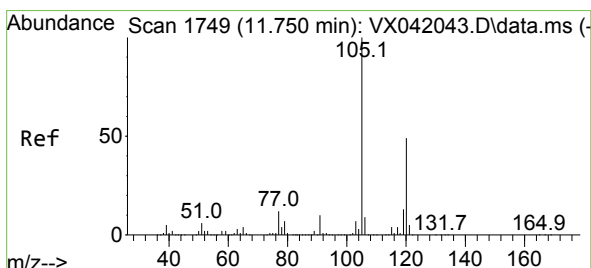
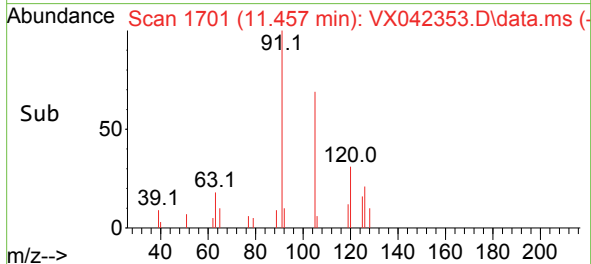
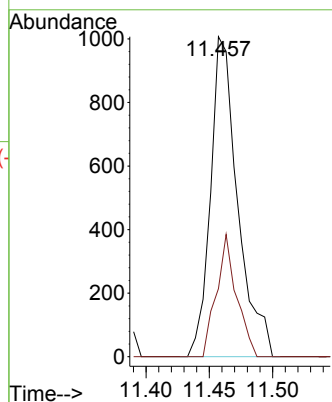


#82
4-Chlorotoluene
Concen: 0.324 ug/l
RT: 11.457 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042353.D
Acq: 17 Jul 2024 11:23

Instrument :
MSVOA_X
ClientSampleId :

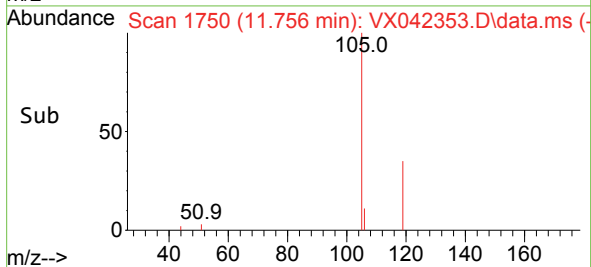
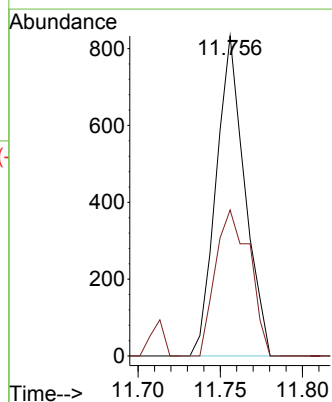
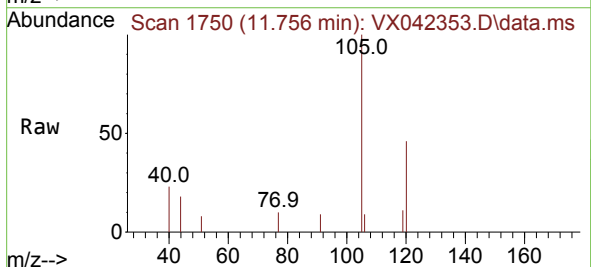


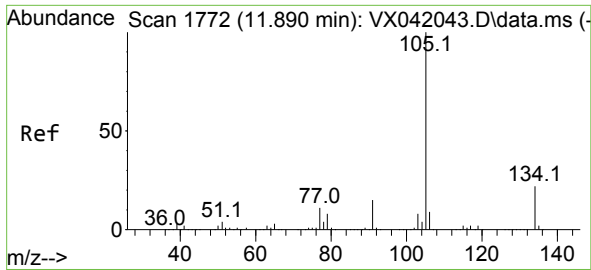
Tgt Ion: 91 Resp: 1506
Ion Ratio Lower Upper
91 100
126 28.1 14.2 42.6



#84
1,2,4-Trimethylbenzene
Concen: 0.201 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX042353.D
Acq: 17 Jul 2024 11:23

Tgt Ion: 105 Resp: 1009
Ion Ratio Lower Upper
105 100
120 54.7 21.2 63.6

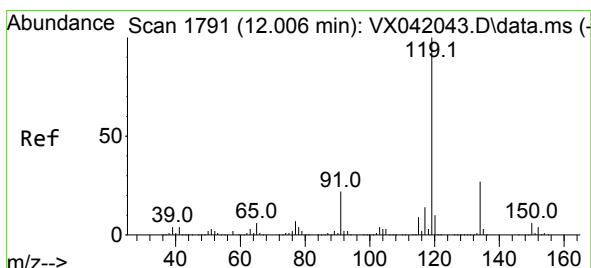
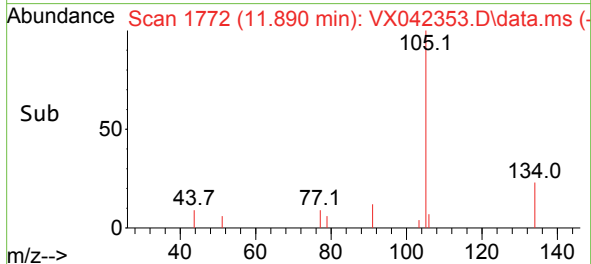
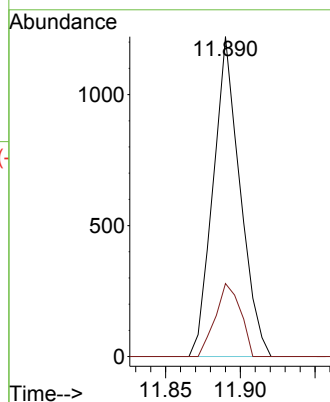
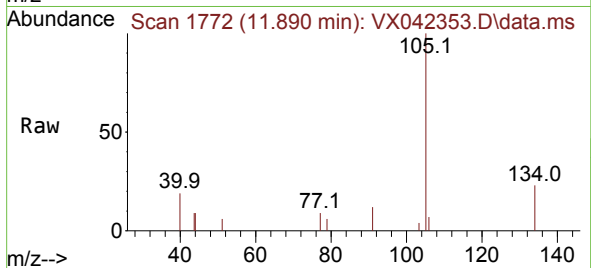




#85
 sec-Butylbenzene
 Concen: 0.246 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX042353.D
 Acq: 17 Jul 2024 11:23

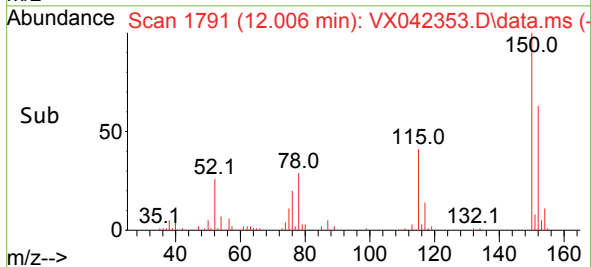
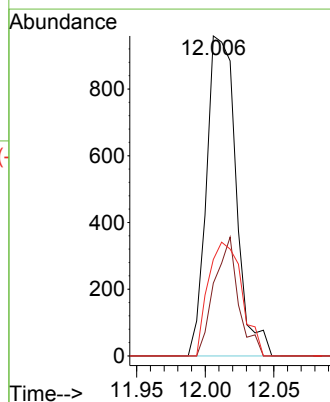
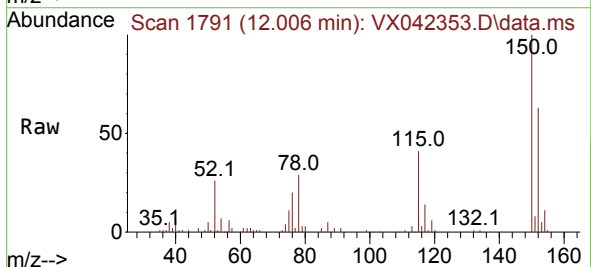
Instrument :
 MSVOA_X
 ClientSampleId :

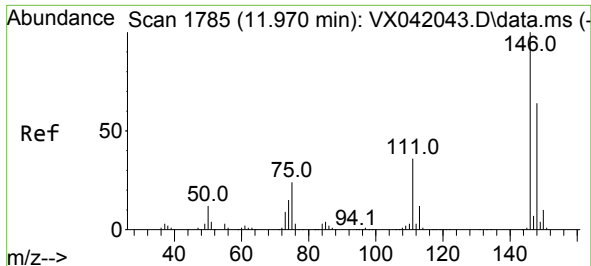
Tgt Ion:105 Resp: 1527
 Ion Ratio Lower Upper
 105 100
 134 21.3 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 0.264 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX042353.D
 Acq: 17 Jul 2024 11:23

Tgt Ion:119 Resp: 1436
 Ion Ratio Lower Upper
 119 100
 134 30.4 12.8 38.3
 91 40.5 13.1 39.3#





#87

1,3-Dichlorobenzene

Concen: 0.418 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. 0.006 min

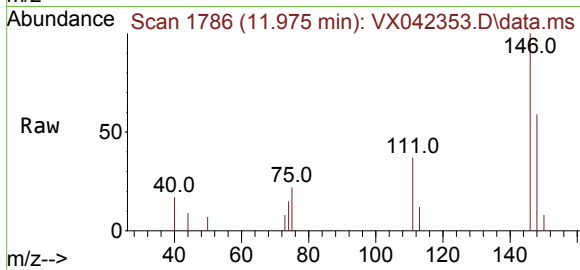
Lab File: VX042353.D

Acq: 17 Jul 2024 11:23

Instrument :

MSVOA_X

ClientSampleId :



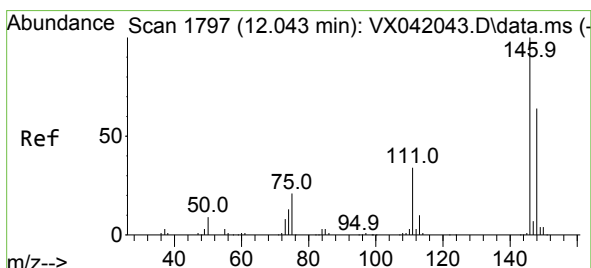
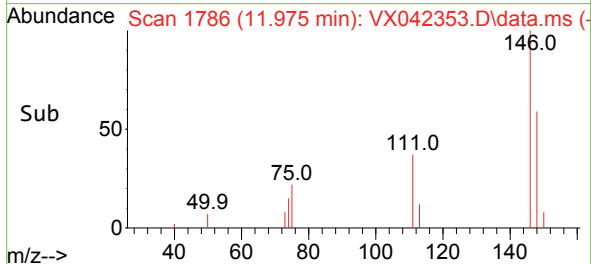
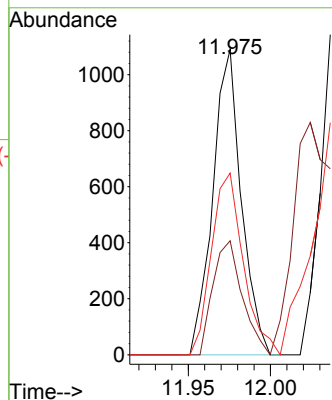
Tgt Ion:146 Resp: 1315

Ion Ratio Lower Upper

146 100

111 38.3 22.1 66.1

148 66.5 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 0.407 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. -0.067 min

Lab File: VX042353.D

Acq: 17 Jul 2024 11:23

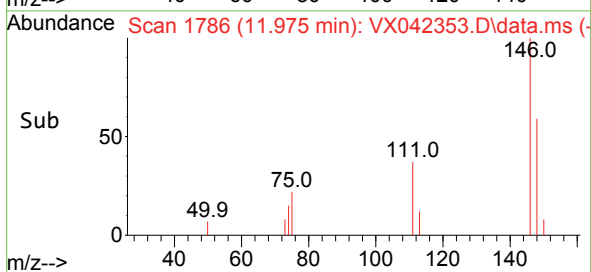
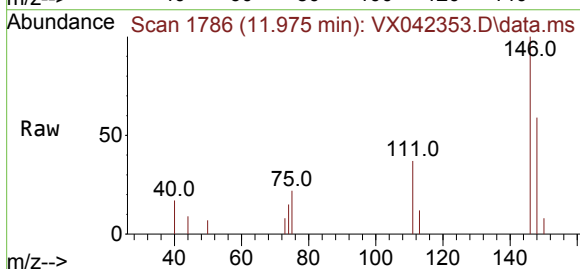
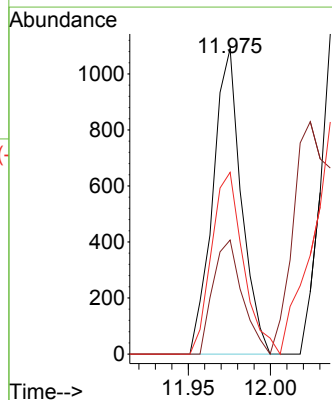
Tgt Ion:146 Resp: 1315

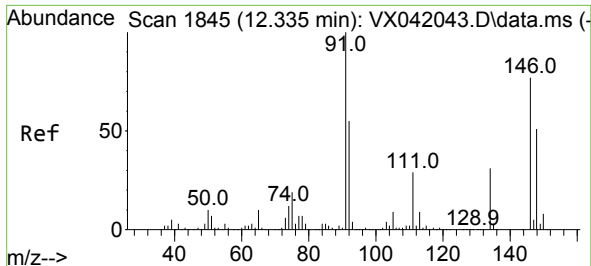
Ion Ratio Lower Upper

146 100

111 38.3 21.3 63.7

148 66.5 31.8 95.4





#89

n-Butylbenzene

Concen: 0.464 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX042353.D

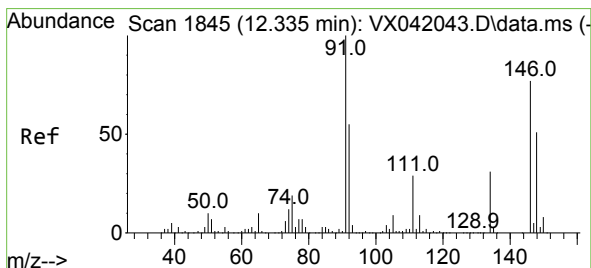
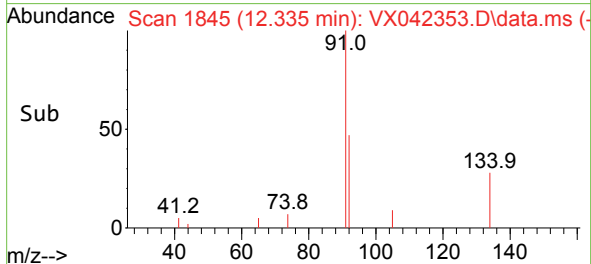
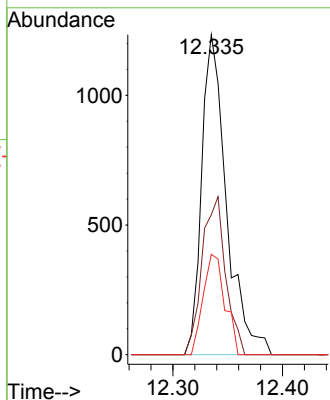
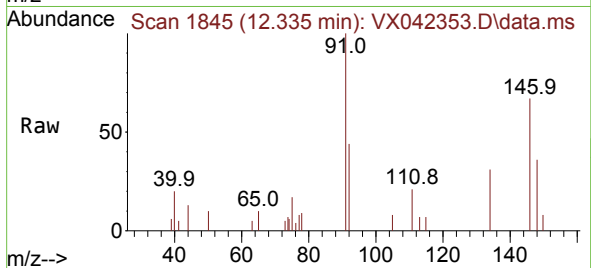
Acq: 17 Jul 2024 11:23

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 91	Resp:	1941
Ion	Ratio	Lower Upper
91	100	
92	46.9	27.4 82.0
134	27.6	12.6 37.8



#91

1,2-Dichlorobenzene

Concen: 0.369 ug/l

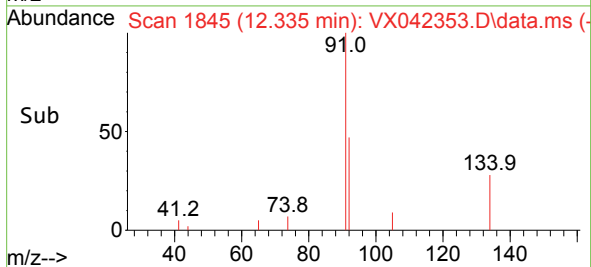
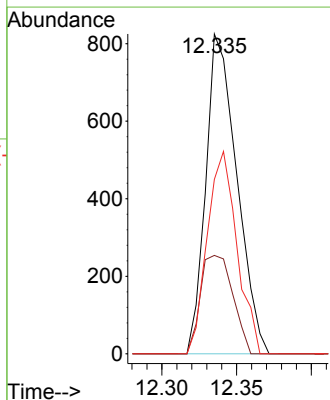
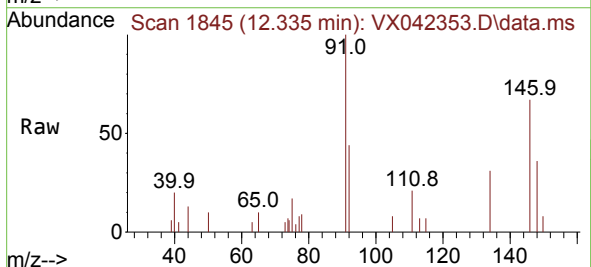
RT: 12.335 min Scan# 1845

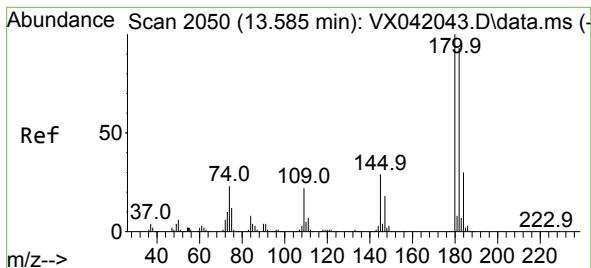
Delta R.T. 0.000 min

Lab File: VX042353.D

Acq: 17 Jul 2024 11:23

Tgt Ion: 146	Resp:	1190
Ion	Ratio	Lower Upper
146	100	
111	32.1	22.4 67.0
148	60.5	31.6 95.0





#93

1,2,4-Trichlorobenzene

Concen: 0.807 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX042353.D

Acq: 17 Jul 2024 11:23

Instrument :

MSVOA_X

ClientSampleId :

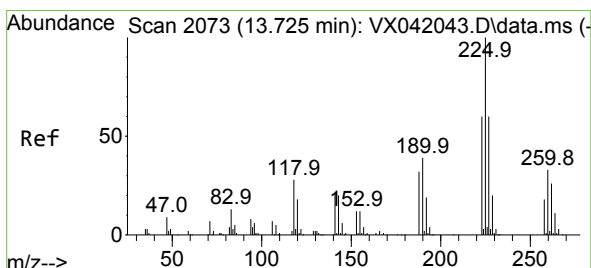
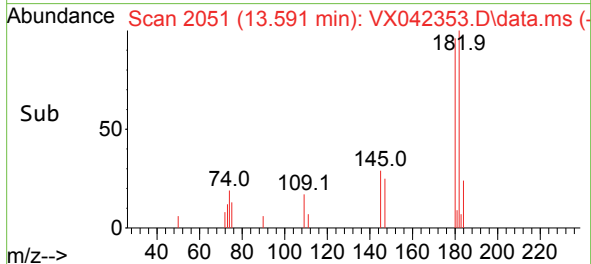
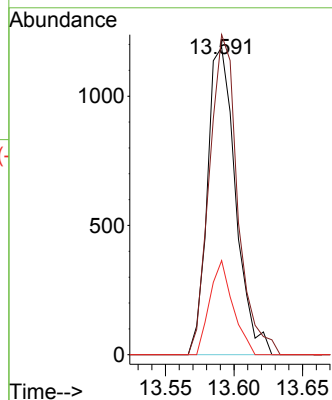
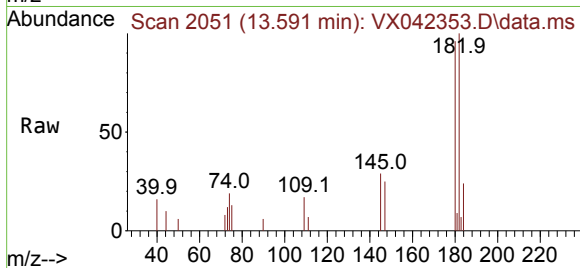
Tgt Ion:180 Resp: 1703

Ion Ratio Lower Upper

180 100

182 104.3 48.3 144.8

145 25.1 18.0 54.0



#94

Hexachlorobutadiene

Concen: 1.085 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX042353.D

Acq: 17 Jul 2024 11:23

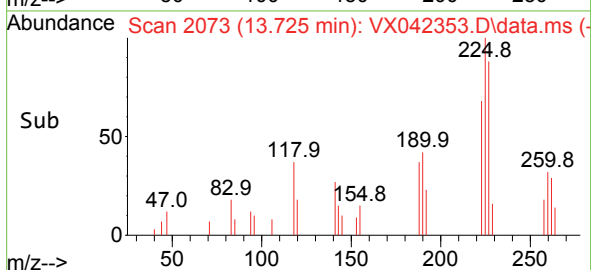
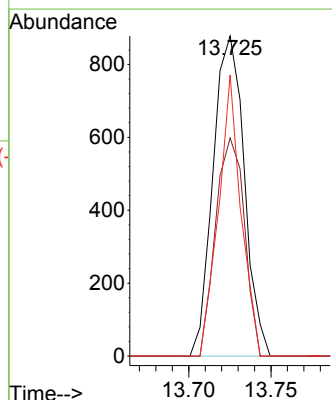
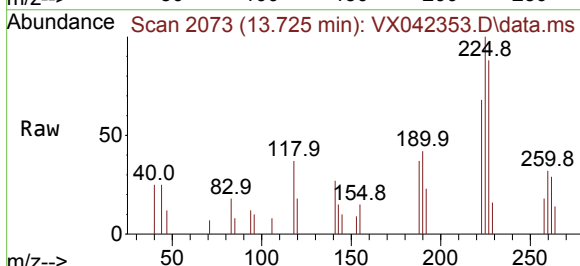
Tgt Ion:225 Resp: 1158

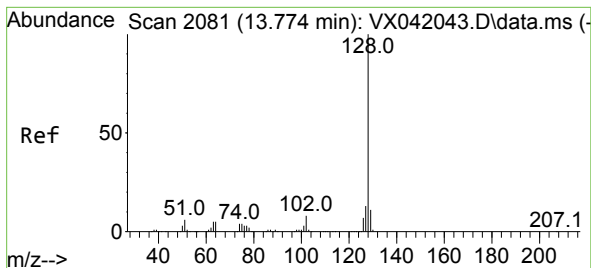
Ion Ratio Lower Upper

225 100

223 62.6 31.1 93.2

227 63.6 32.5 97.5





#95

Naphthalene

Concen: 1.523 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX042353.D

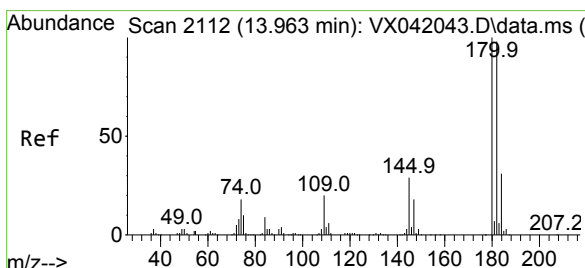
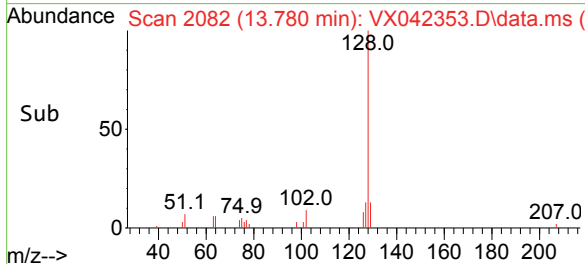
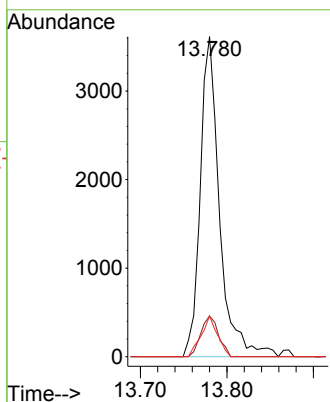
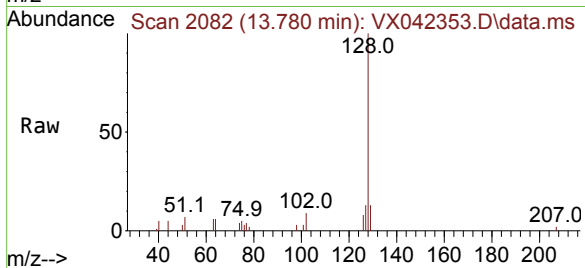
Acq: 17 Jul 2024 11:23

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:128	Resp:	5578
Ion Ratio	Lower	Upper
128	100	
127	11.7	10.3 15.5
129	10.8	8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 0.901 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX042353.D

Acq: 17 Jul 2024 11:23

Tgt Ion:180	Resp:	2005
Ion Ratio	Lower	Upper
180	100	
182	93.0	46.9 140.6
145	25.8	17.8 53.5

