

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080724\
 Data File : VX042890.D
 Acq On : 07 Aug 2024 00:56
 Operator : JC/MD
 Sample : P3448-02RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 07 06:30:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080724W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 07 02:55:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	140639	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	269985	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	268709	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	118306	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	111407	57.703	ug/l	0.00
Spiked Amount 50.000	Range	78 - 117	Recovery	=	115.400%	
35) Dibromofluoromethane	5.385	113	97401	55.176	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	=	110.360%	
50) Toluene-d8	8.647	98	327825	52.311	ug/l	0.00
Spiked Amount 50.000	Range	92 - 112	Recovery	=	104.620%	
62) 4-Bromofluorobenzene	11.079	95	128211	56.933	ug/l	0.00
Spiked Amount 50.000	Range	83 - 123	Recovery	=	113.860%	
Target Compounds						Qvalue
3) Chloromethane	1.295	50	513	0.311	ug/l	# 78
4) Vinyl Chloride	1.374	62	323	0.206	ug/l	99
5) Bromomethane	1.605	94	648	0.683	ug/l	# 51
6) Chloroethane	1.636	64	485	0.543	ug/l	# 55
10) Methyl Iodide	2.453	142	485	0.306	ug/l	# 80
11) Tert butyl alcohol	2.989	59	1299	3.383	ug/l	# 86
12) 1,1-Dichloroethene	2.313	96	321	0.207	ug/l	# 67
13) Acrolein	2.239	56	487	1.287	ug/l	# 77
14) Allyl chloride	2.660	41	687	0.293	ug/l	# 49
15) Acrylonitrile	3.081	53	496	0.506	ug/l	# 34
16) Acetone	2.392	43	84145	100.481	ug/l	# 88
17) Carbon Disulfide	2.502	76	2899	0.769	ug/l	# 75
18) Methyl Acetate	2.715	43	3339	1.257	ug/l	98
20) Methylene Chloride	2.788	84	13846	7.139	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	515	0.330	ug/l	# 77
25) 2-Butanone	4.599	43	10666	8.110	ug/l	99
29) Tetrahydrofuran	5.050	42	1013	1.140	ug/l	# 85
36) 1,1-Dichloropropene	5.550	75	11411	4.768	ug/l	# 50
37) Ethyl Acetate	4.745	43	4469	1.492	ug/l	# 86
38) Carbon Tetrachloride	5.550	117	14911	5.519	ug/l	# 16
43) Isopropyl Acetate	6.342	43	156870	35.421	ug/l	96
48) Methyl methacrylate	7.617	41	3988	1.878	ug/l	# 17
49) 1,4-Dioxane	7.678	88	40	0.849	ug/l	# 12
51) 4-Methyl-2-Pentanone	8.549	43	116850	39.390	ug/l	# 52
54) cis-1,3-Dichloropropene	8.549	75	53044	20.211	ug/l	# 57
59) 2-Hexanone	9.482	43	84780	36.883	ug/l	# 54
64) Tetrachloroethene	9.281	164	627	0.336	ug/l	# 65
65) Chlorobenzene	10.086	112	1248	0.219	ug/l	# 75
68) m/p-Xylenes	10.311	106	1480	0.404	ug/l	83
76) 1,2,3-Trichloropropane	11.079	75	66127	24.853	ug/l	# 38
77) Bromobenzene	11.195	156	484	0.222	ug/l	93
78) n-propylbenzene	11.311	91	2097	0.221	ug/l	93
79) 2-Chlorotoluene	11.366	91	1515	0.249	ug/l	87
80) 1,3,5-Trimethylbenzene	11.451	105	1487	0.210	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.079	75	66127	80.812	ug/l	# 5
82) 4-Chlorotoluene	11.463	91	1853	0.271	ug/l	91

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ALS Vial : 39 Sample Multiplier: 1

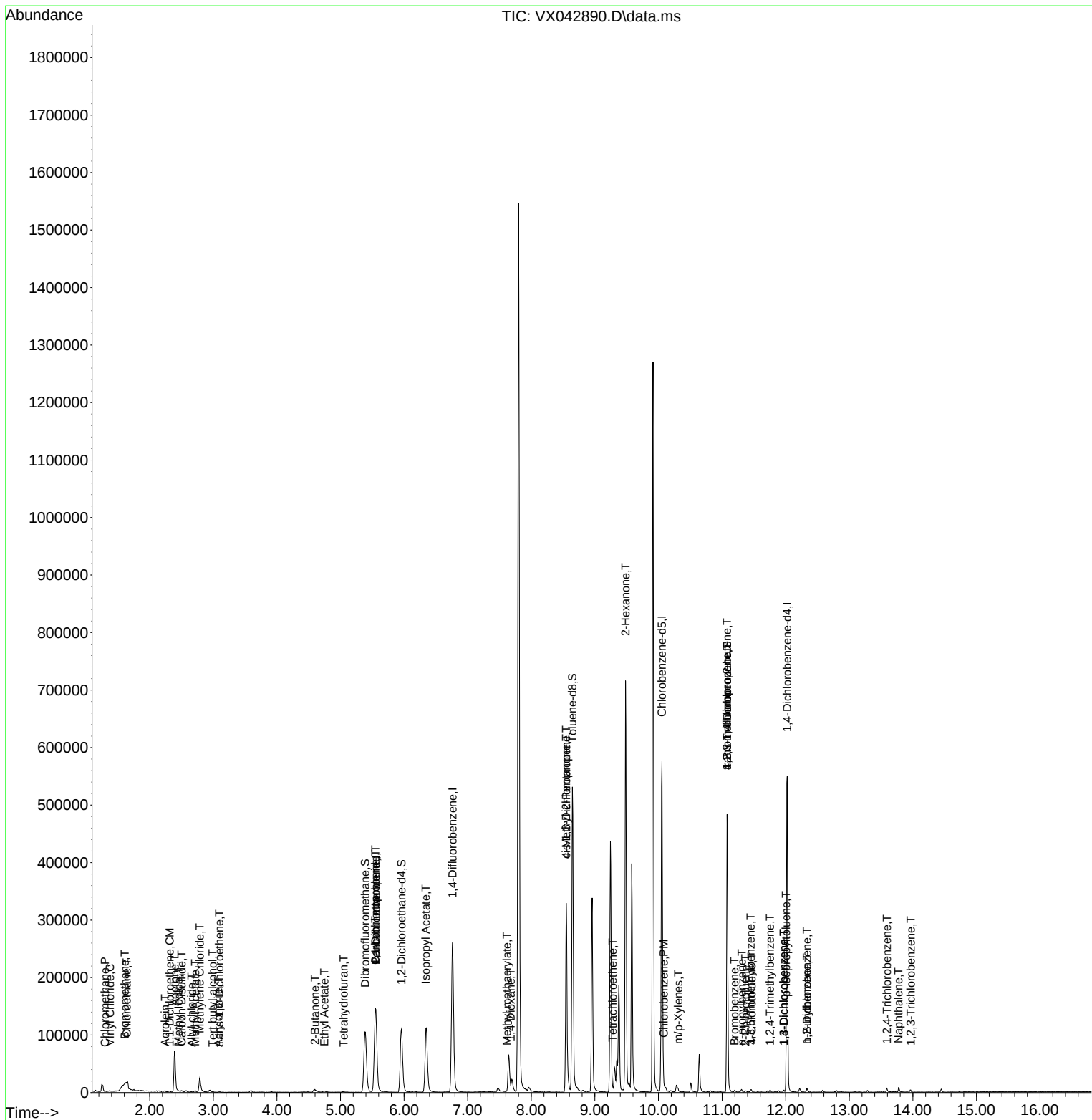
Instrument :
MSVOA_X
ClientSampleId :

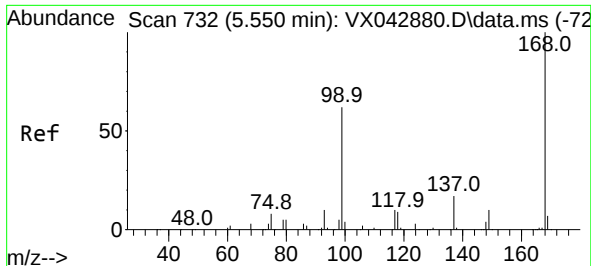
Quant Time: Aug 07 06:30:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080724W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 07 02:55:22 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	11.756	105	2304	0.323	ug/l	98
86) p-Isopropyltoluene	12.006	119	1605	0.225	ug/l #	82
87) 1,3-Dichlorobenzene	11.969	146	1504	0.382	ug/l	80
88) 1,4-Dichlorobenzene	11.969	146	1504	0.373	ug/l	81
89) n-Butylbenzene	12.335	91	2002	0.326	ug/l	82
91) 1,2-Dichlorobenzene	12.335	146	1003	0.254	ug/l	85
93) 1,2,4-Trichlorobenzene	13.591	180	1128	0.469	ug/l	87
95) Naphthalene	13.774	128	5849	0.703	ug/l	97
96) 1,2,3-Trichlorobenzene	13.969	180	1226	0.506	ug/l	98

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

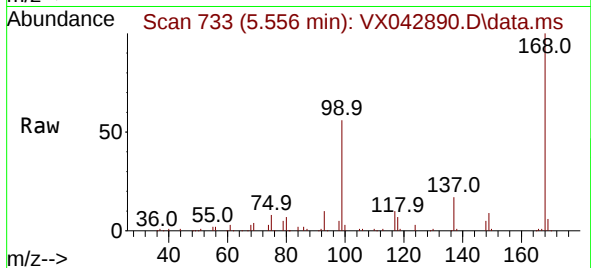
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080724W.M
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QLast Update : Wed Aug 07 02:55:22 2024
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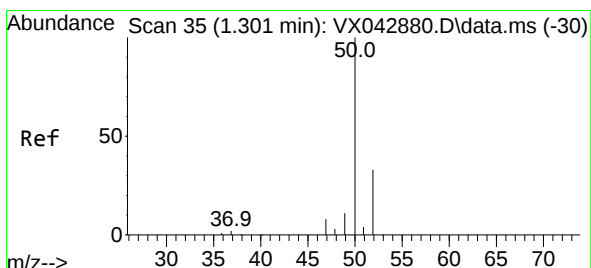
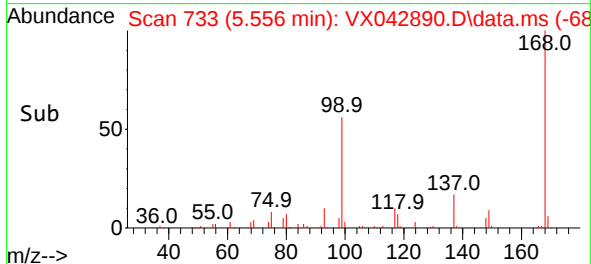
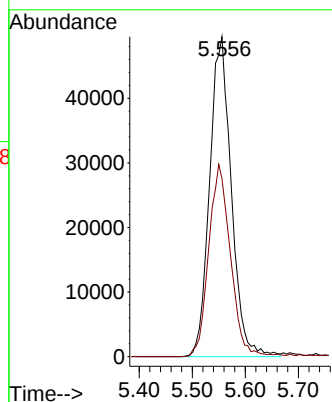


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX042890.D
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Instrument :
MSVOA_X
ClientSampleId :

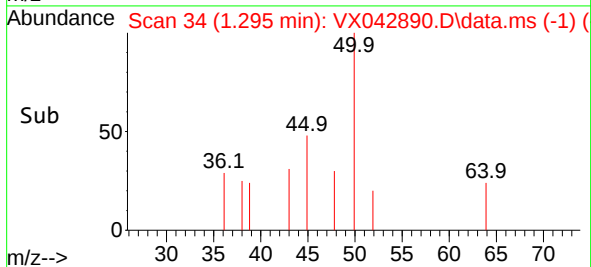
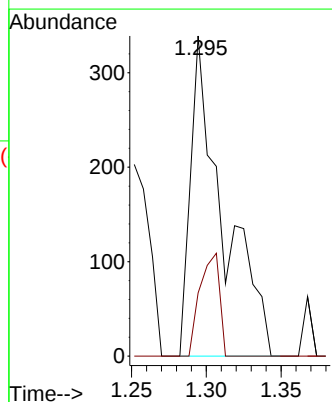
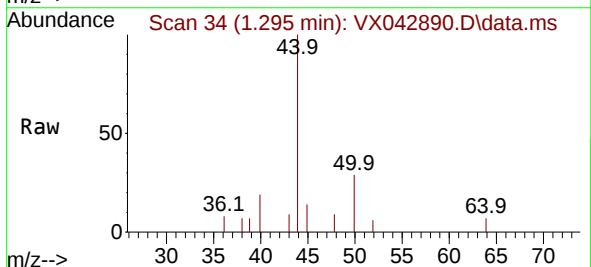


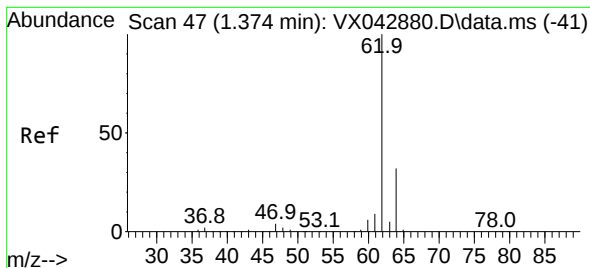
Tgt Ion:168 Resp: 140639
Ion Ratio Lower Upper
168 100
99 55.7 56.6 85.0#



#3
Chloromethane
Concen: 0.311 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX042890.D
Acq: 07 Aug 2024 00:56

Tgt Ion: 50 Resp: 513
Ion Ratio Lower Upper
50 100
52 19.8 25.5 38.3#

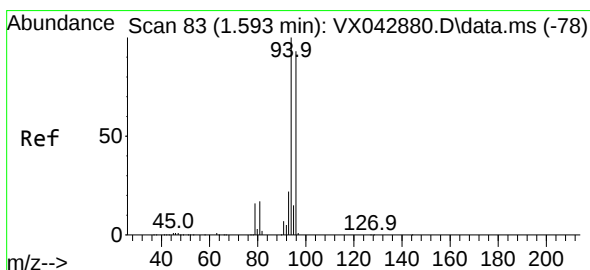
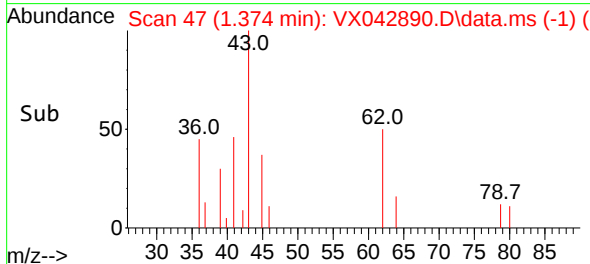
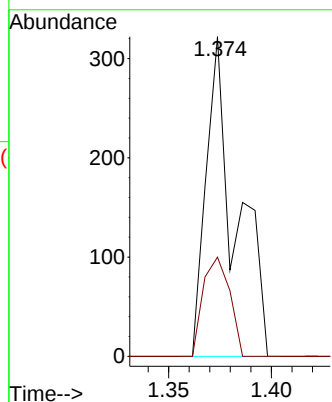
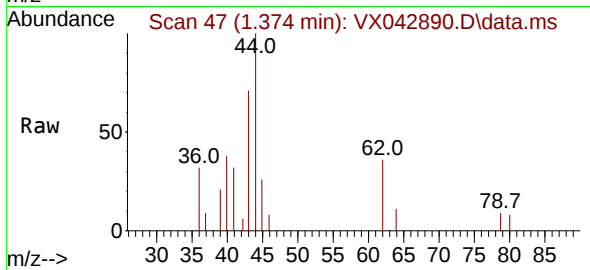




#4
Vinyl Chloride
Concen: 0.206 ug/l
RT: 1.374 min Scan# 41
Delta R.T. -0.000 min
Lab File: VX042890.D
Acq: 07 Aug 2024 00:56

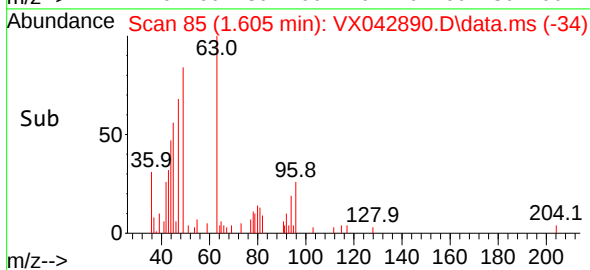
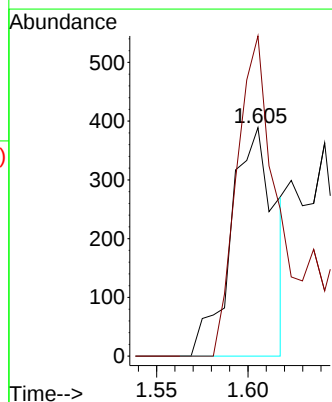
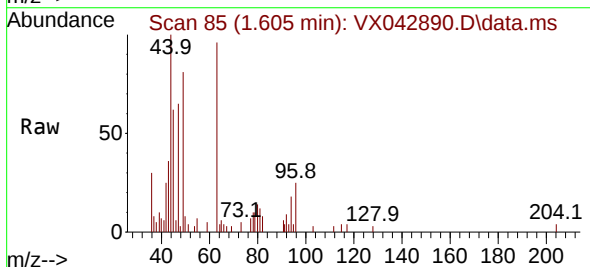
Instrument :
MSVOA_X
ClientSampleId :

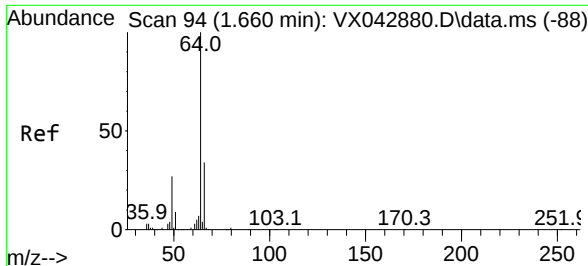
Tgt Ion: 62 Resp: 323
Ion Ratio Lower Upper
62 100
64 31.1 25.4 38.0



#5
Bromomethane
Concen: 0.683 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.012 min
Lab File: VX042890.D
Acq: 07 Aug 2024 00:56

Tgt Ion: 94 Resp: 648
Ion Ratio Lower Upper
94 100
96 140.1 74.6 111.8#

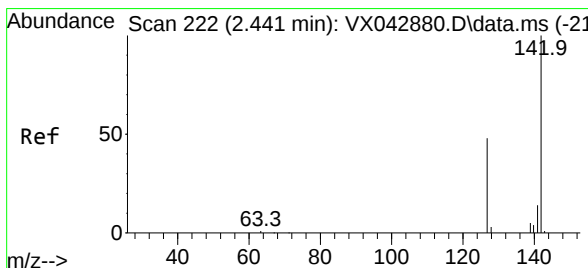
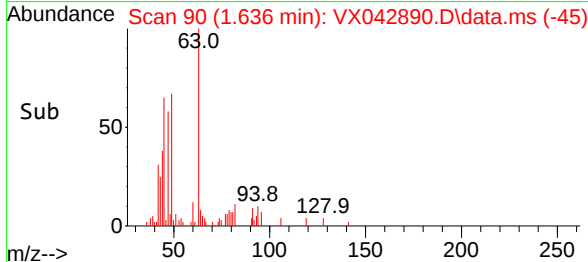
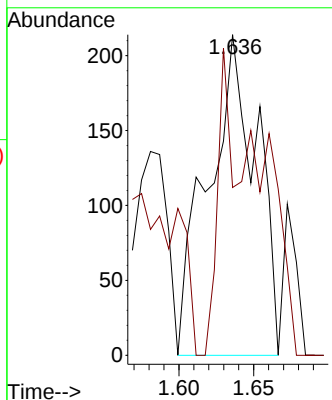
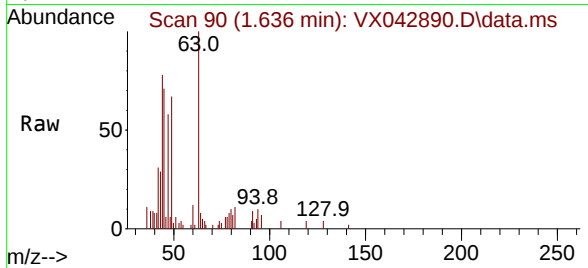




#6
Chloroethane
Concen: 0.543 ug/l
RT: 1.636 min Scan# 90
Delta R.T. -0.024 min
Lab File: VX042890.D
Acq: 07 Aug 2024 00:56

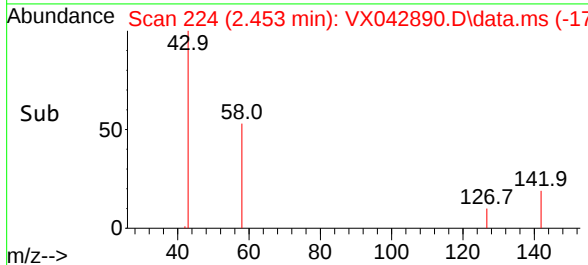
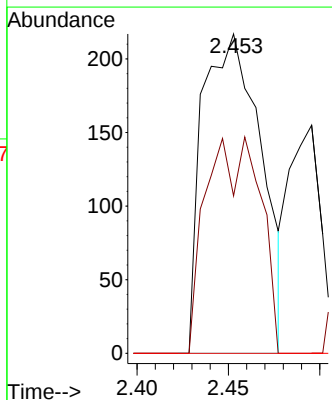
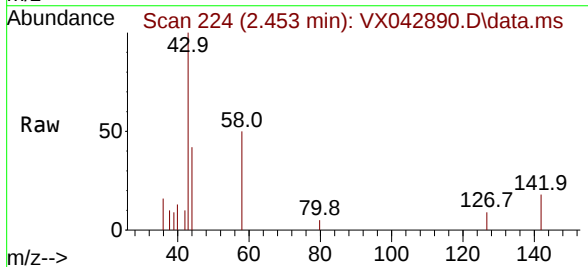
Instrument :
MSVOA_X
ClientSampleId :

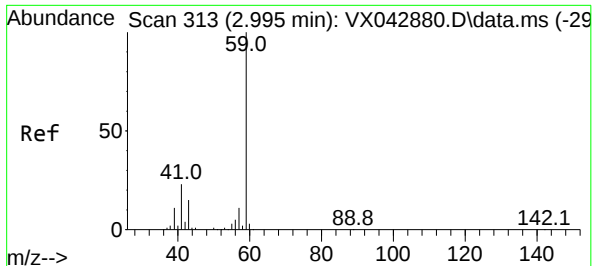
Tgt Ion: 64 Resp: 485
Ion Ratio Lower Upper
64 100
66 6.5 25.1 37.7#



#10
Methyl Iodide
Concen: 0.306 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.012 min
Lab File: VX042890.D
Acq: 07 Aug 2024 00:56

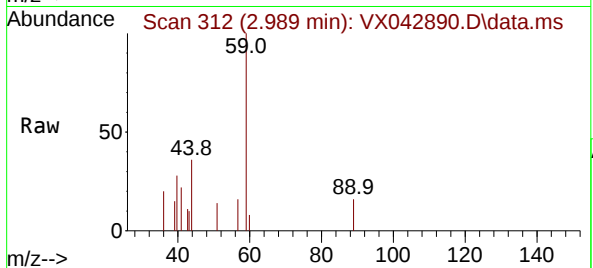
Tgt Ion: 142 Resp: 485
Ion Ratio Lower Upper
142 100
127 62.7 41.6 62.4#
141 0.0 11.6 17.4#



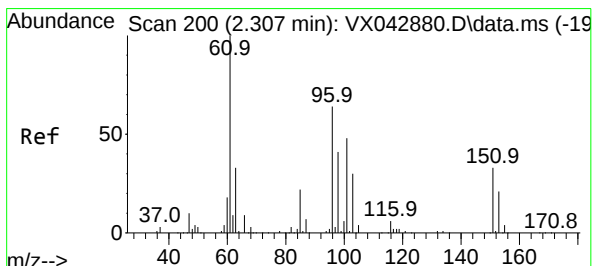
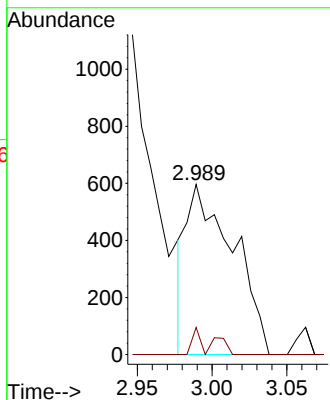
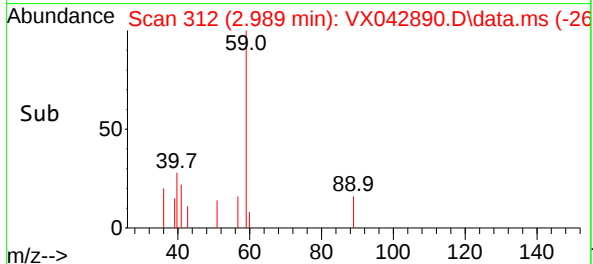


#11
Tert butyl alcohol
Concen: 3.383 ug/l
RT: 2.989 min Scan# 313
Delta R.T. -0.006 min
Lab File: VX042890.D
Acq: 07 Aug 2024 00:56

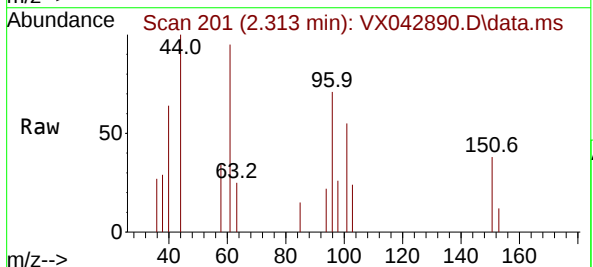
Instrument :
MSVOA_X
ClientSampleId :



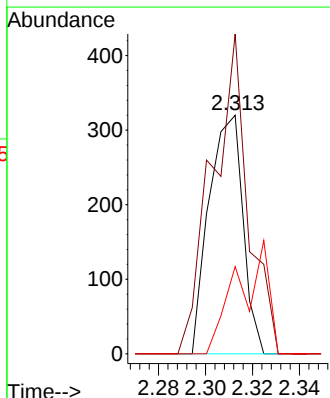
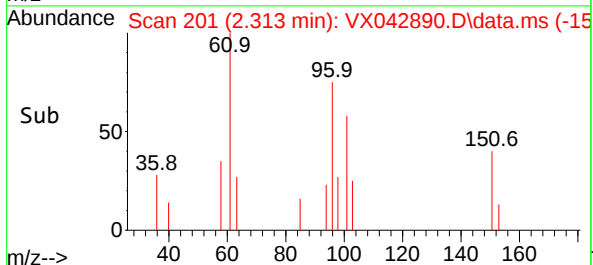
Tgt Ion: 59 Resp: 1299
Ion Ratio Lower Upper
59 100
57 2.7 6.0 9.0#

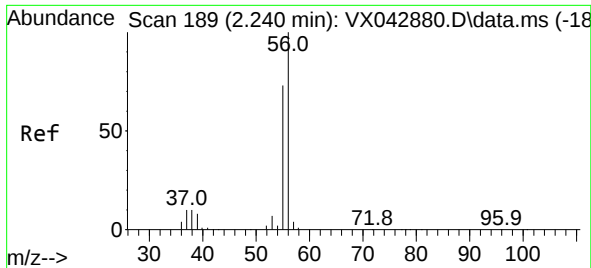


#12
1,1-Dichloroethene
Concen: 0.207 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX042890.D
Acq: 07 Aug 2024 00:56



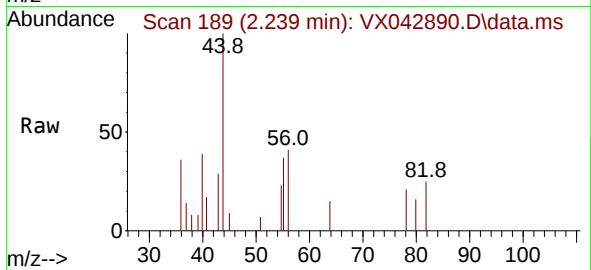
Tgt Ion: 96 Resp: 321
Ion Ratio Lower Upper
96 100
61 134.1 144.6 216.8#
98 36.6 50.4 75.6#



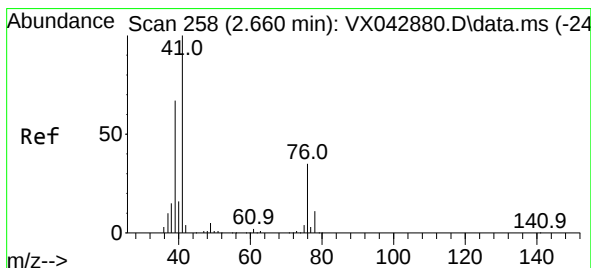
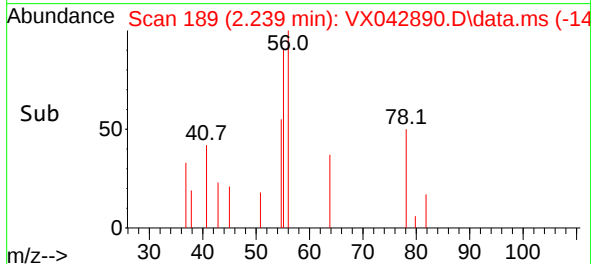
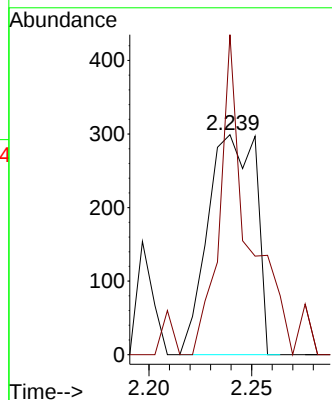


#13
Acrolein
Concen: 1.287 ug/l
RT: 2.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042890.D
Acq: 07 Aug 2024 00:56

Instrument :
MSVOA_X
ClientSampleId :

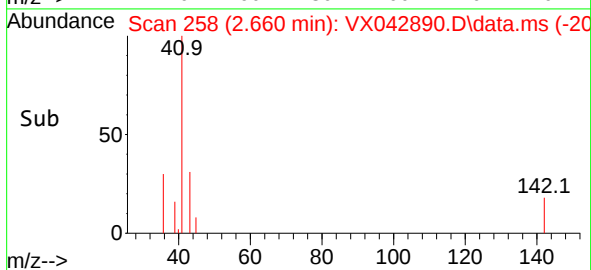
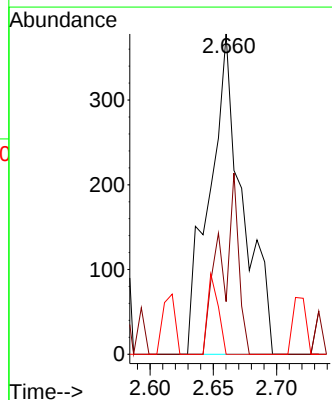
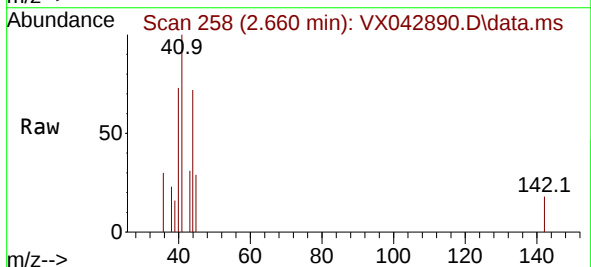


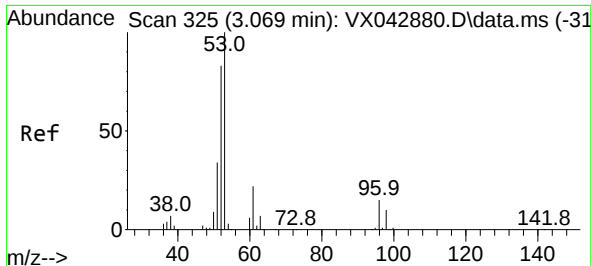
Tgt Ion: 56 Resp: 487
Ion Ratio Lower Upper
56 100
55 90.8 57.1 85.7#



#14
Allyl chloride
Concen: 0.293 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.000 min
Lab File: VX042890.D
Acq: 07 Aug 2024 00:56

Tgt Ion: 41 Resp: 687
Ion Ratio Lower Upper
41 100
39 30.0 55.8 83.6#
76 0.0 24.3 36.5#





#15

Acrylonitrile

Concen: 0.506 ug/l

RT: 3.081 min Scan# 31

Delta R.T. 0.012 min

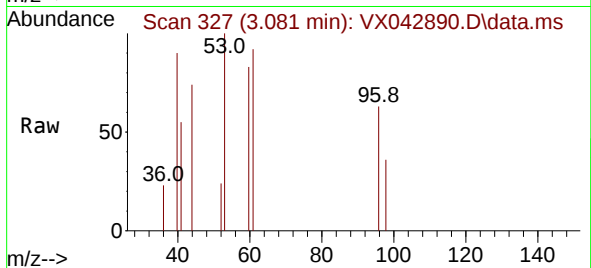
Lab File: VX042890.D

Acq: 07 Aug 2024 00:56

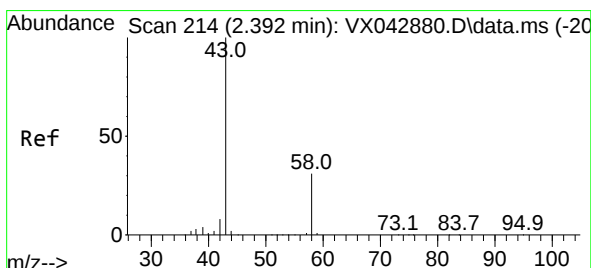
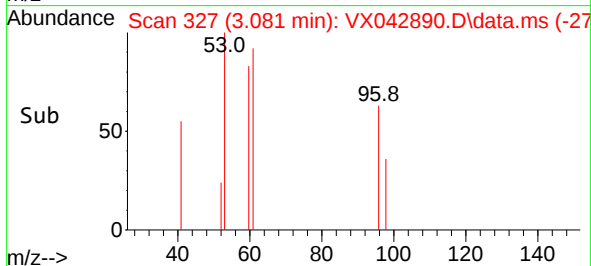
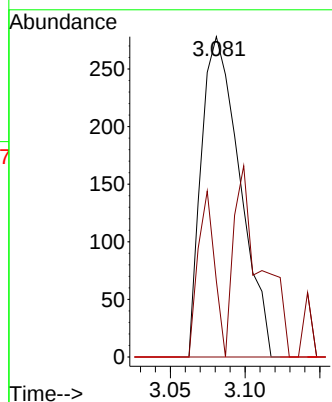
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 53	Resp: 496
Ion Ratio	Lower Upper
53	100
52	22.4 66.0 99.0#
51	0.0 29.8 44.6#



#16

Acetone

Concen: 100.481 ug/l

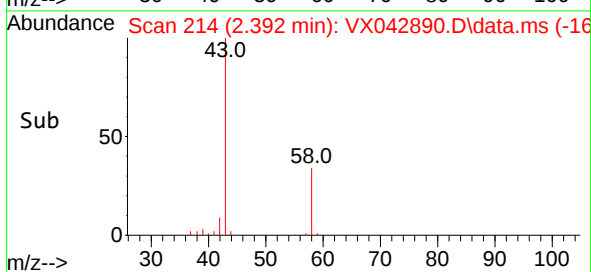
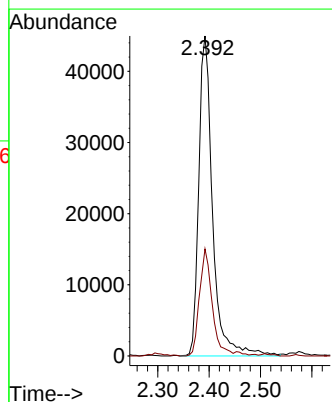
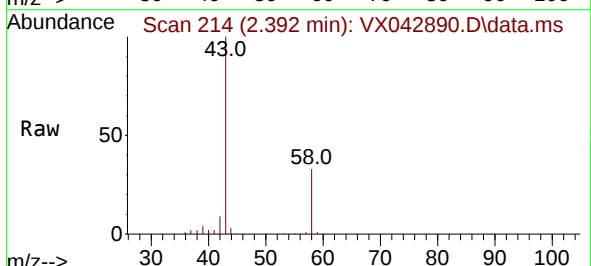
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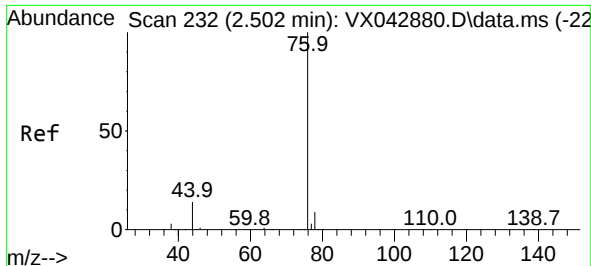
Delta R.T. -0.000 min

Lab File: VX042890.D

Acq: 07 Aug 2024 00:56

Tgt Ion: 43	Resp: 84145
Ion Ratio	Lower Upper
43	100
58	33.4 21.9 32.9#

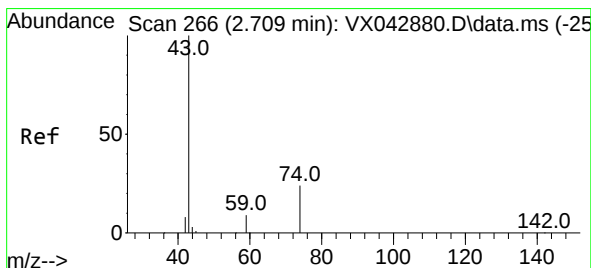
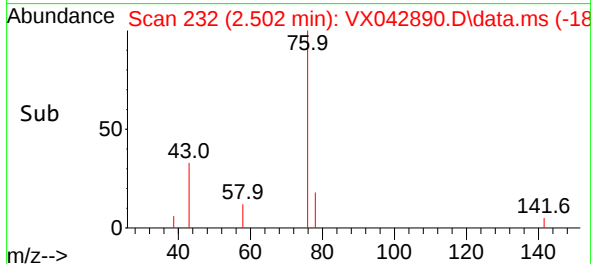
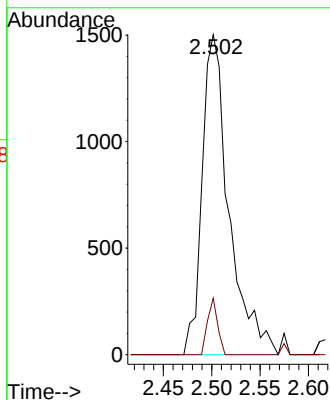
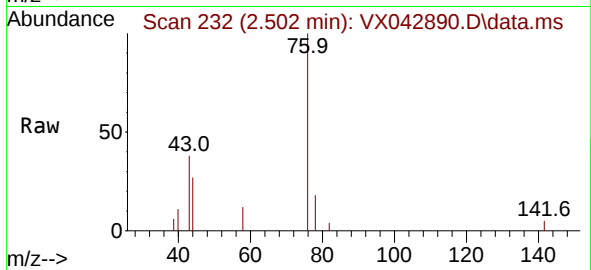




#17
Carbon Disulfide
Concen: 0.769 ug/l
RT: 2.502 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX042890.D
Acq: 07 Aug 2024 00:56

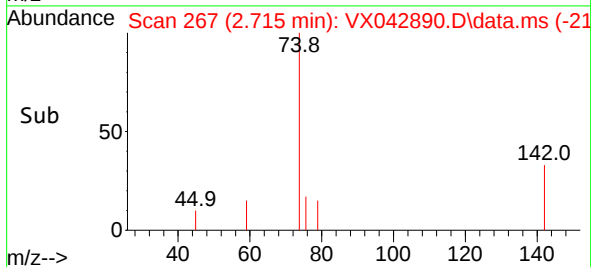
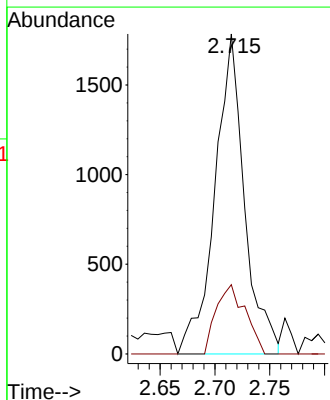
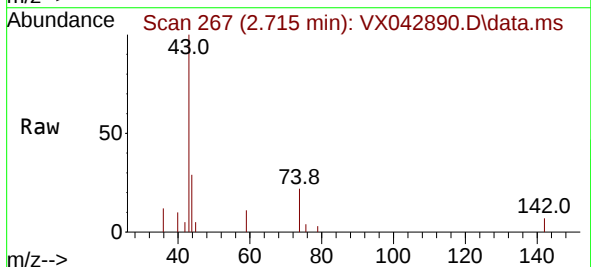
Instrument :
MSVOA_X
ClientSampleId :

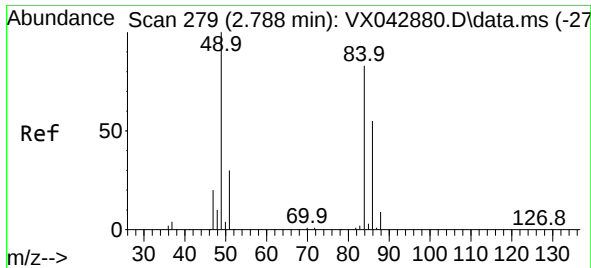
Tgt Ion: 76 Resp: 2899
Ion Ratio Lower Upper
76 100
78 17.6 7.0 10.6#



#18
Methyl Acetate
Concen: 1.257 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX042890.D
Acq: 07 Aug 2024 00:56

Tgt Ion: 43 Resp: 3339
Ion Ratio Lower Upper
43 100
74 21.4 17.8 26.8

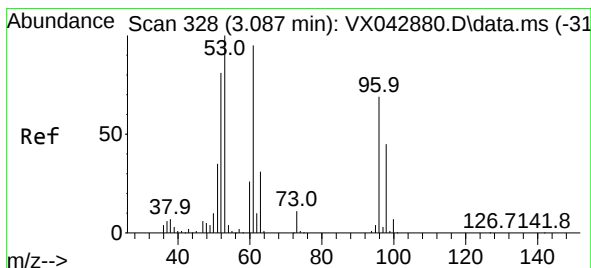
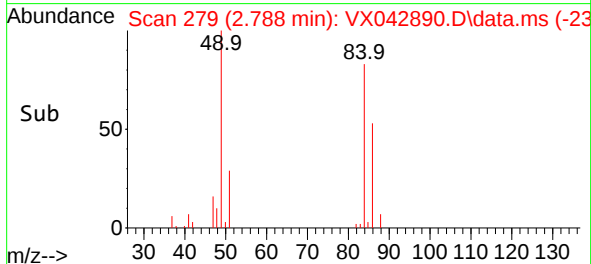
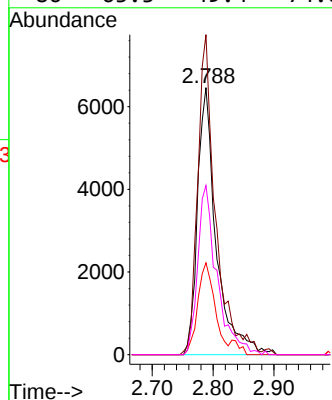
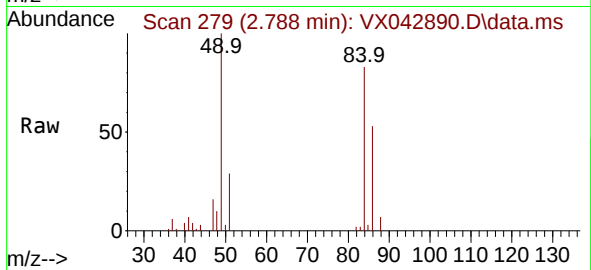




#20
Methylene Chloride
Concen: 7.139 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX042890.D
Acq: 07 Aug 2024 00:56

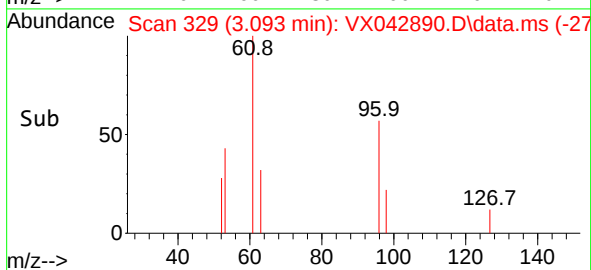
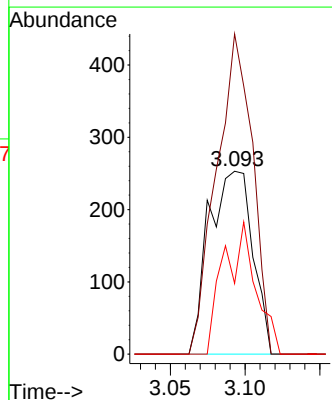
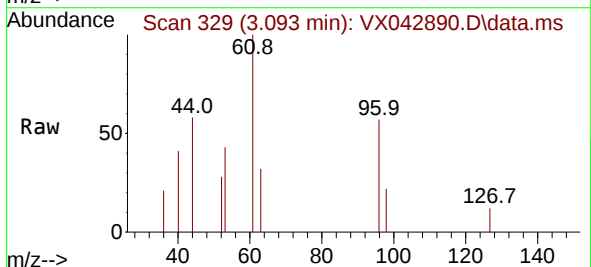
Instrument :
MSVOA_X
ClientSampleId :

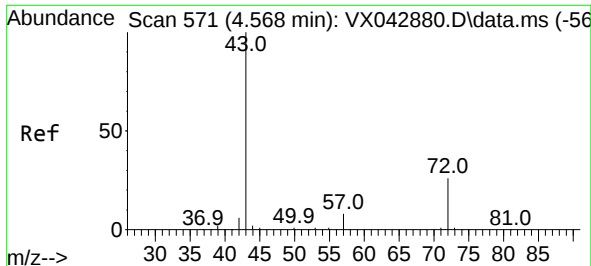
Tgt Ion: 84	Resp: 13846		
Ion	Ratio	Lower	Upper
84	100		
49	119.9	103.6	155.4
51	34.4	33.8	50.6
86	63.3	49.4	74.0



#21
trans-1,2-Dichloroethene
Concen: 0.330 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.006 min
Lab File: VX042890.D
Acq: 07 Aug 2024 00:56

Tgt Ion: 96	Resp: 515		
Ion Ratio	Lower	Upper	
96 100			
61 175.1	119.2	178.8	
98 38.7	48.7	73.1#	





#25

2-Butanone

Concen: 8.110 ug/l

RT: 4.599 min Scan# 51

Delta R.T. 0.030 min

Lab File: VX042890.D

Acq: 07 Aug 2024 00:56

Instrument :

MSVOA_X

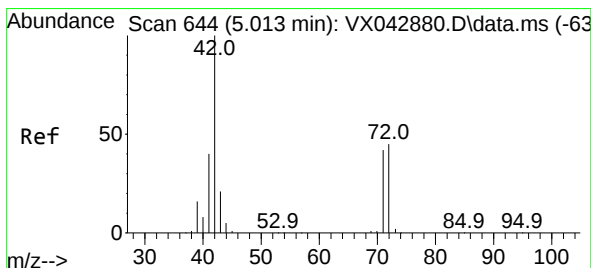
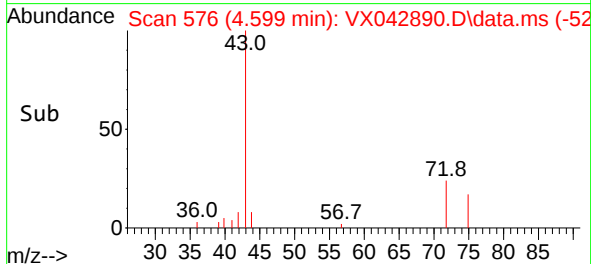
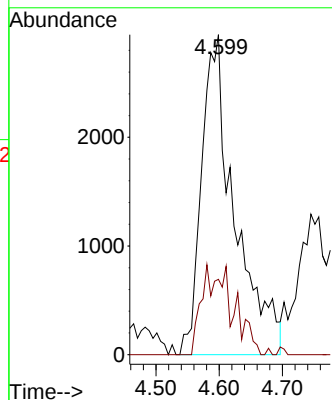
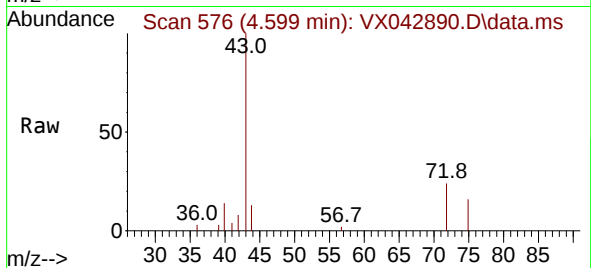
ClientSampleId :

Tgt Ion: 43 Resp: 10666

Ion Ratio Lower Upper

43 100

72 23.6 19.4 29.2



#29

Tetrahydrofuran

Concen: 1.140 ug/l

RT: 5.050 min Scan# 650

Delta R.T. 0.037 min

Lab File: VX042890.D

Acq: 07 Aug 2024 00:56

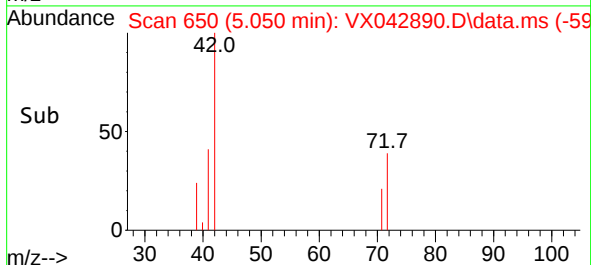
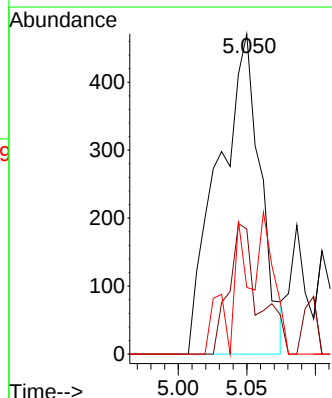
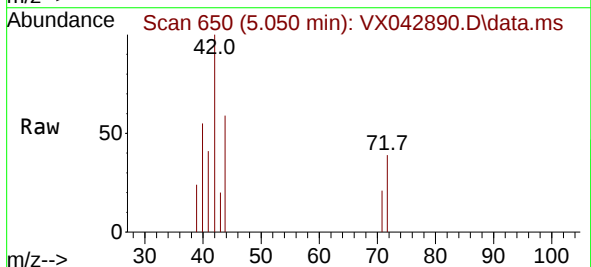
Tgt Ion: 42 Resp: 1013

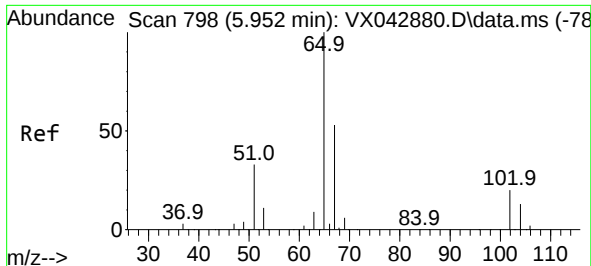
Ion Ratio Lower Upper

42 100

72 28.8 34.2 51.4#

71 35.2 32.2 48.2





#33

1,2-Dichloroethane-d4

Concen: 57.703 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX042890.D

Acq: 07 Aug 2024 00:56

Instrument :

MSVOA_X

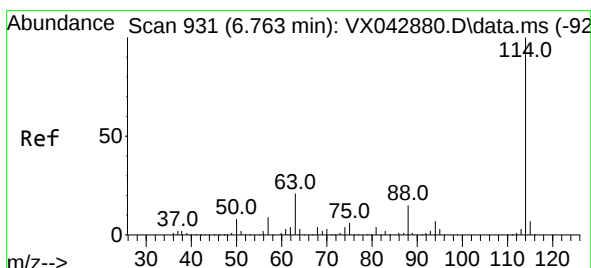
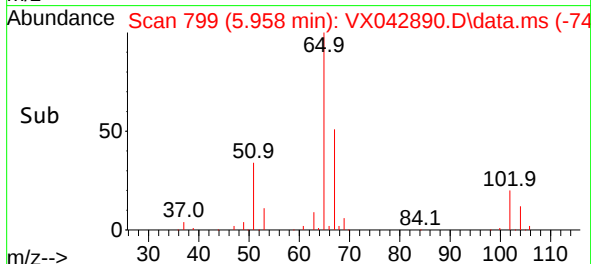
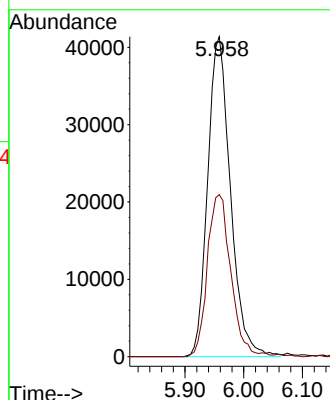
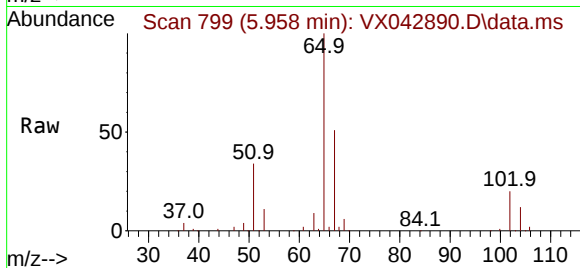
ClientSampleId :

Tgt Ion: 65 Resp: 111407

Ion Ratio Lower Upper

65 100

67 52.1 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX042890.D

Acq: 07 Aug 2024 00:56

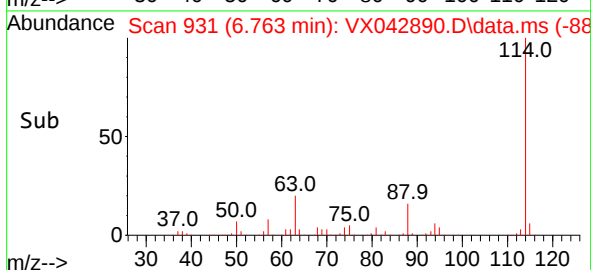
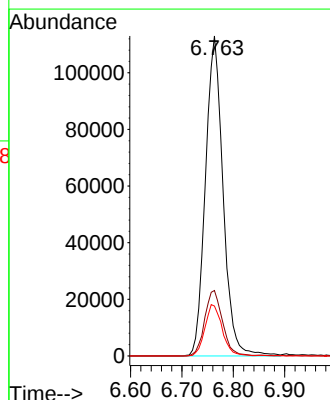
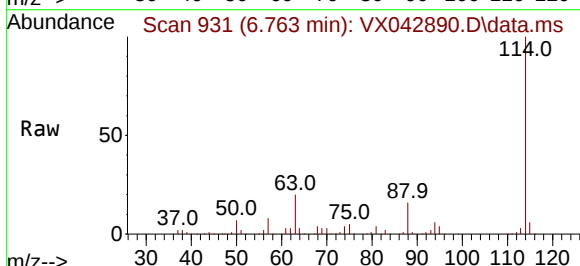
Tgt Ion: 114 Resp: 269985

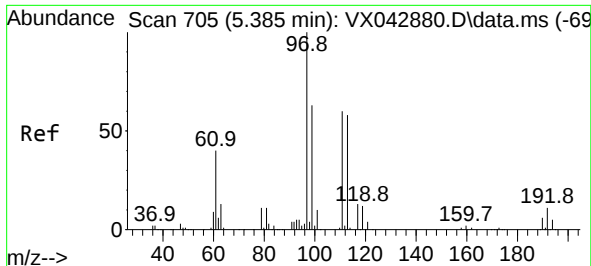
Ion Ratio Lower Upper

114 100

63 20.4 0.0 45.0

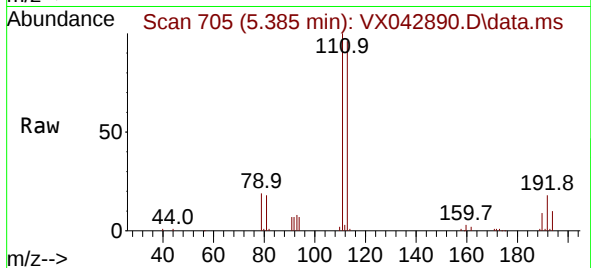
88 15.6 0.0 36.6



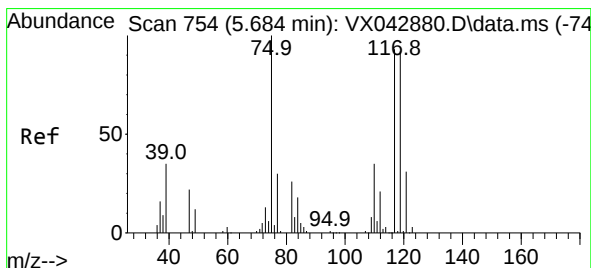
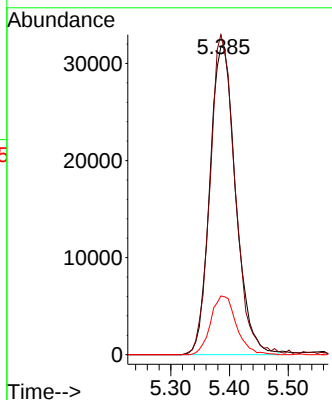
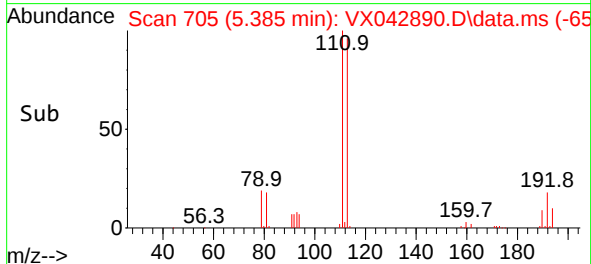


#35
Dibromofluoromethane
Concen: 55.176 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX042890.D
Acq: 07 Aug 2024 00:56

Instrument :
MSVOA_X
ClientSampleId :

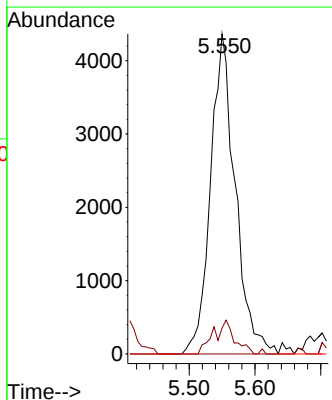
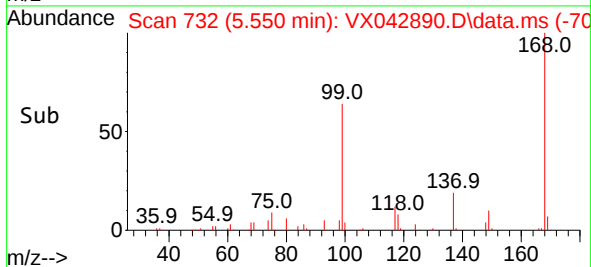
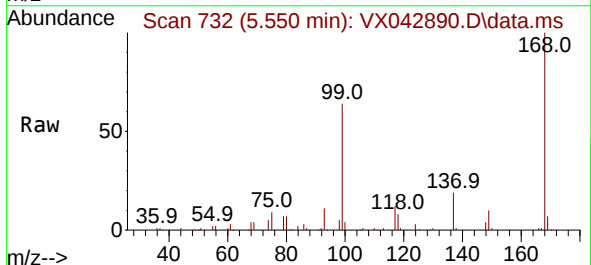


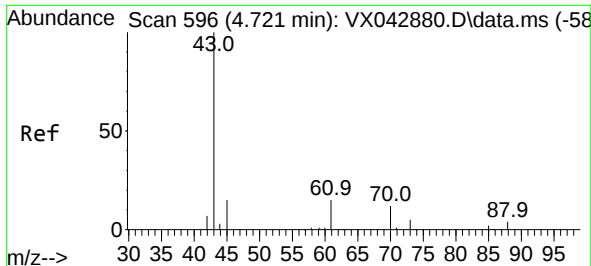
Tgt Ion:113 Resp: 97401
Ion Ratio Lower Upper
113 100
111 100.2 82.9 124.3
192 18.8 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.768 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX042890.D
Acq: 07 Aug 2024 00:56

Tgt Ion: 75 Resp: 11411
Ion Ratio Lower Upper
75 100
110 9.0 17.0 50.9#
77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 1.492 ug/l

RT: 4.745 min Scan# 60

Delta R.T. 0.024 min

Lab File: VX042890.D

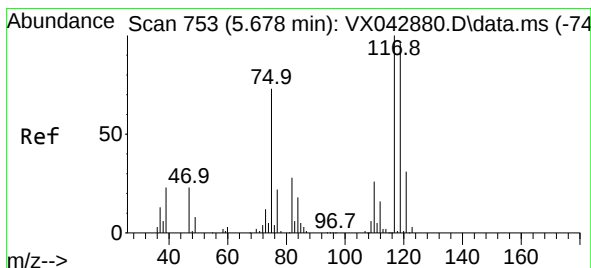
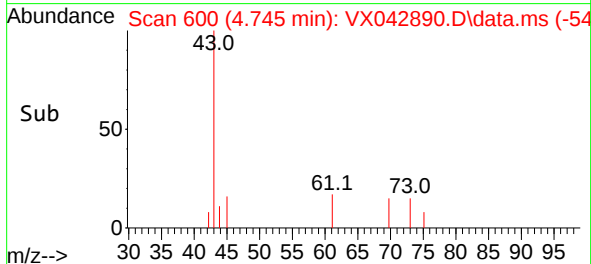
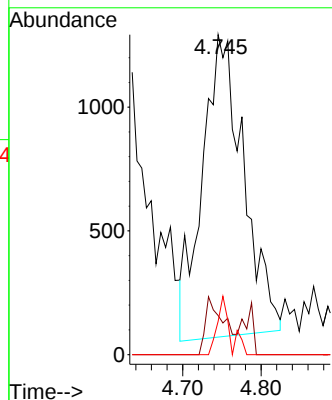
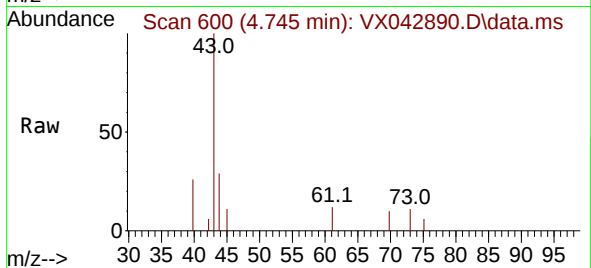
Acq: 07 Aug 2024 00:56

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	43	Resp:	4469
Ion	Ratio	Lower	Upper
43	100		
61	8.3	10.6	16.0#
70	4.7	8.3	12.5#



#38

Carbon Tetrachloride

Concen: 5.519 ug/l

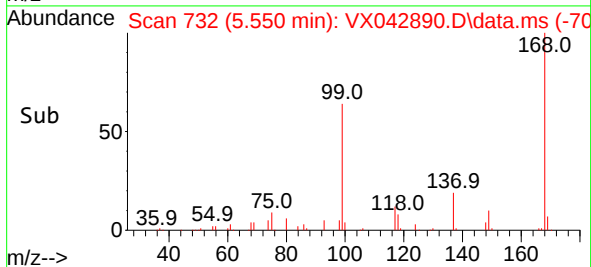
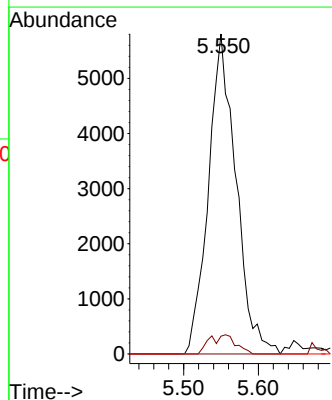
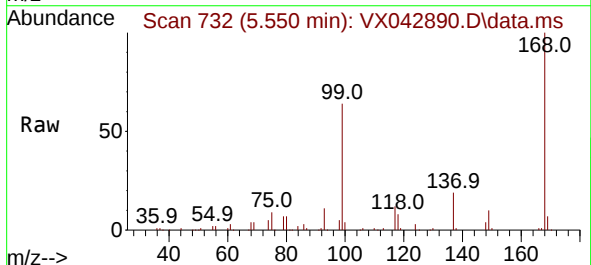
RT: 5.550 min Scan# 732

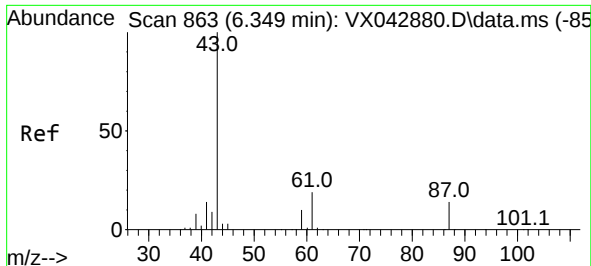
Delta R.T. -0.128 min

Lab File: VX042890.D

Acq: 07 Aug 2024 00:56

Tgt Ion:	117	Resp:	14911
Ion	Ratio	Lower	Upper
117	100		
119	5.5	78.2	117.2#
121	0.0	24.4	36.6#

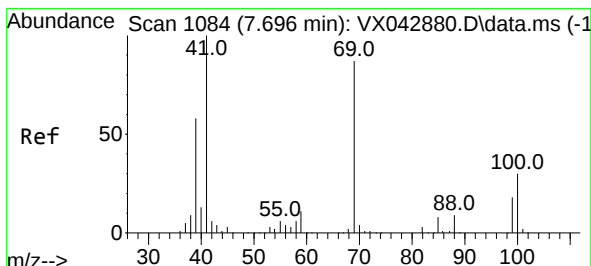
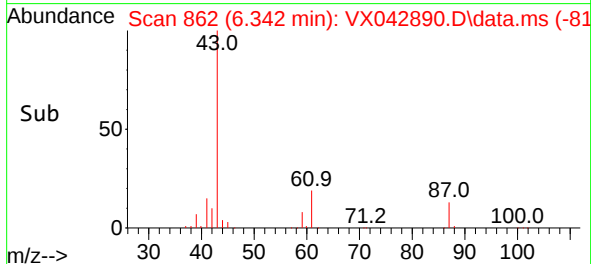
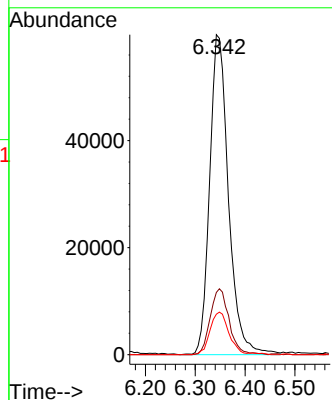
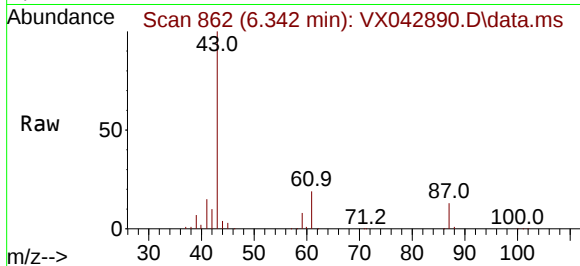




#43
Isopropyl Acetate
Concen: 35.421 ug/l
RT: 6.342 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX042890.D
Acq: 07 Aug 2024 00:56

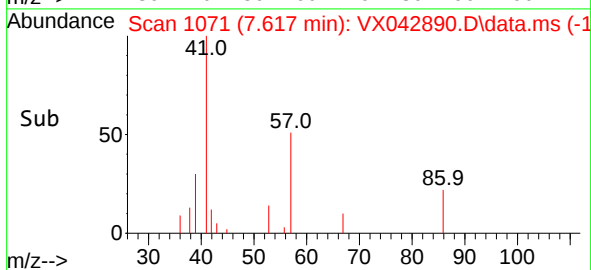
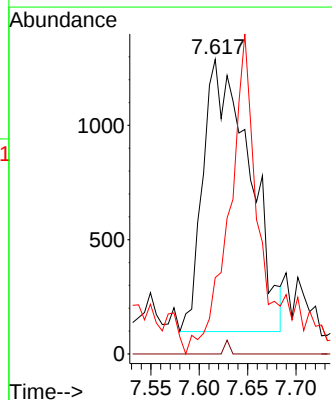
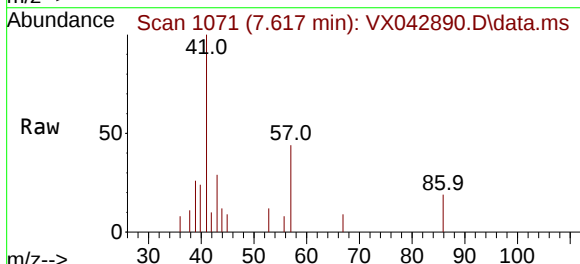
Instrument :
MSVOA_X
ClientSampleId :

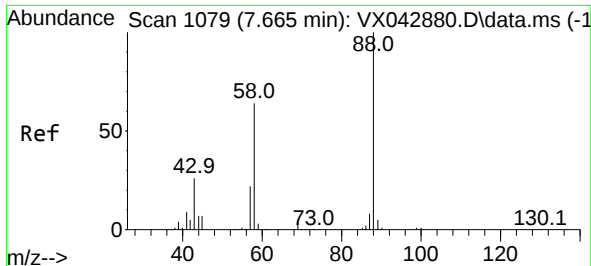
Tgt Ion: 43 Resp: 156870
Ion Ratio Lower Upper
43 100
61 20.6 15.2 22.8
87 13.6 9.8 14.6



#48
Methyl methacrylate
Concen: 1.878 ug/l
RT: 7.617 min Scan# 1071
Delta R.T. -0.079 min
Lab File: VX042890.D
Acq: 07 Aug 2024 00:56

Tgt Ion: 41 Resp: 3988
Ion Ratio Lower Upper
41 100
69 0.6 59.2 88.8#
39 0.0 47.7 71.5#





#49

1,4-Dioxane

Concen: 0.849 ug/l

RT: 7.678 min Scan# 1079

Delta R.T. 0.013 min

Lab File: VX042890.D

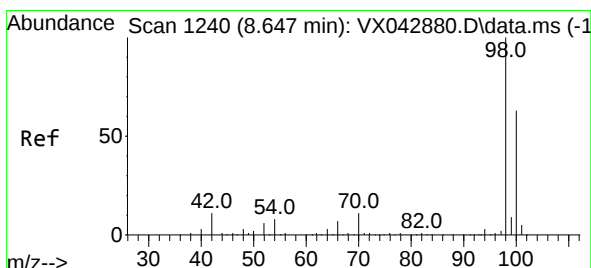
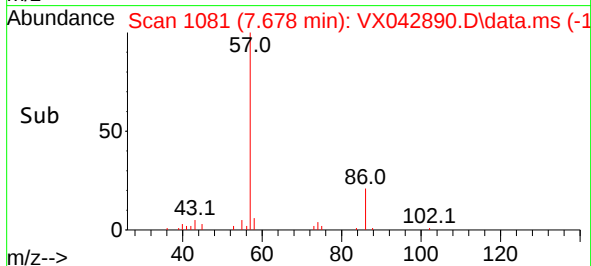
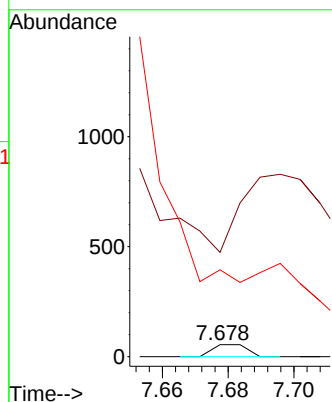
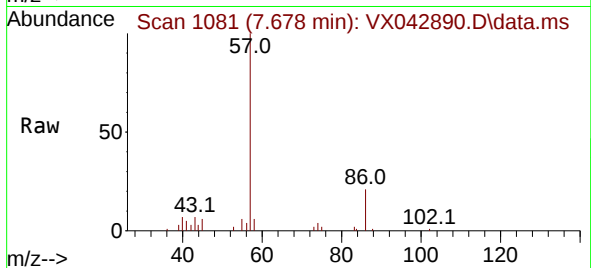
Acq: 07 Aug 2024 00:56

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 88	Resp:	40
Ion Ratio	Lower	Upper
88	100	
43	0.0	0.0
58	0.0	60.1



#50

Toluene-d8

Concen: 52.311 ug/l

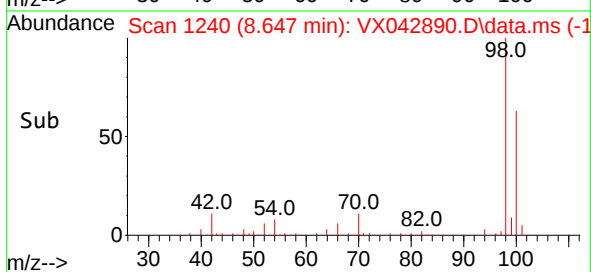
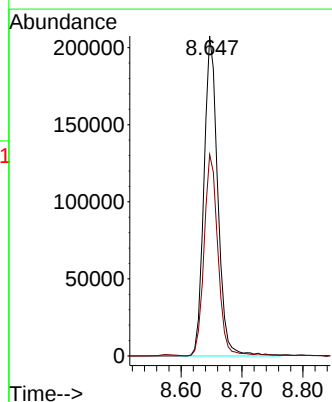
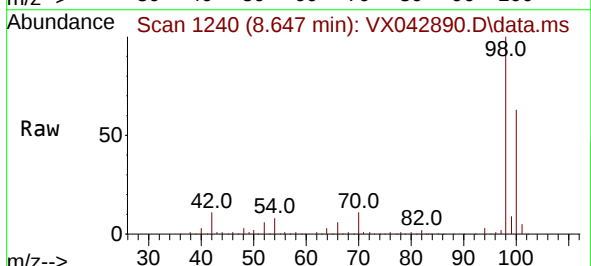
RT: 8.647 min Scan# 1240

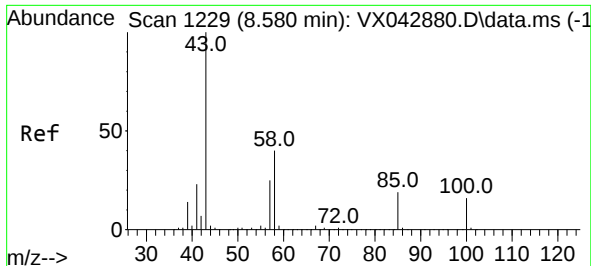
Delta R.T. -0.000 min

Lab File: VX042890.D

Acq: 07 Aug 2024 00:56

Tgt Ion: 98	Resp:	327825
Ion Ratio	Lower	Upper
98	100	
100	63.4	53.1

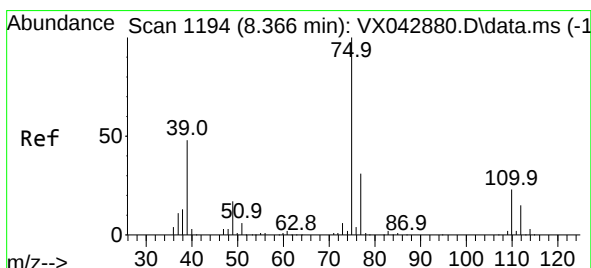
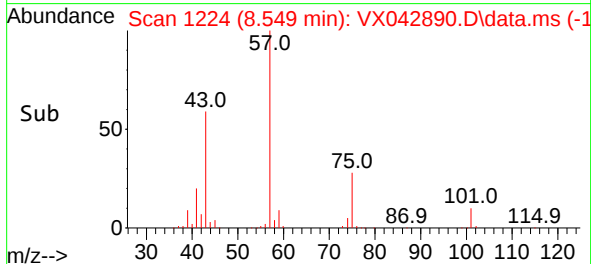
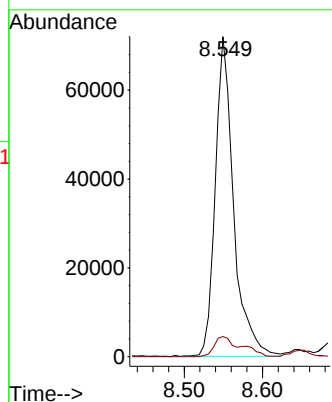
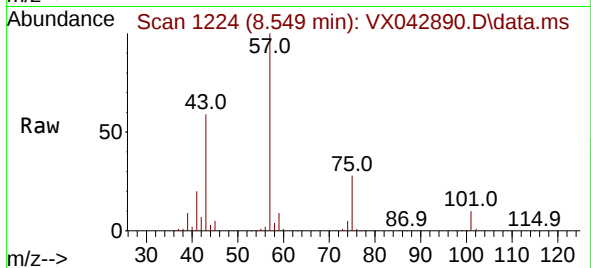




#51
4-Methyl-2-Pentanone
Concen: 39.390 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.031 min
Lab File: VX042890.D
Acq: 07 Aug 2024 00:56

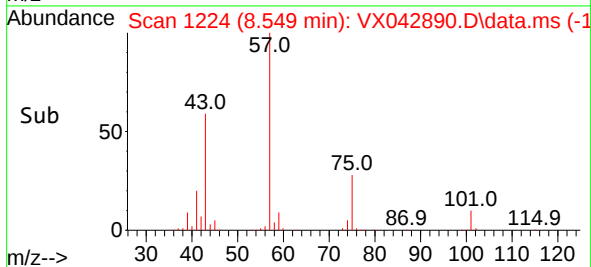
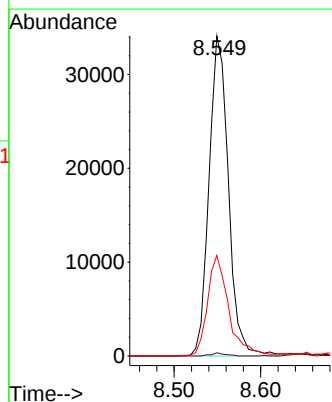
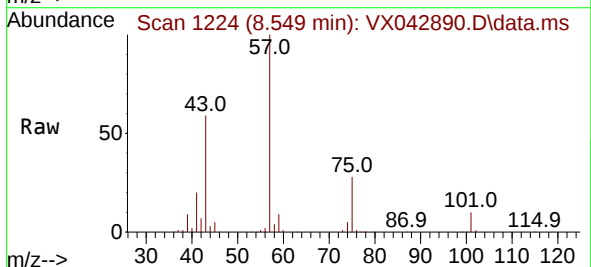
Instrument :
MSVOA_X
ClientSampleId :

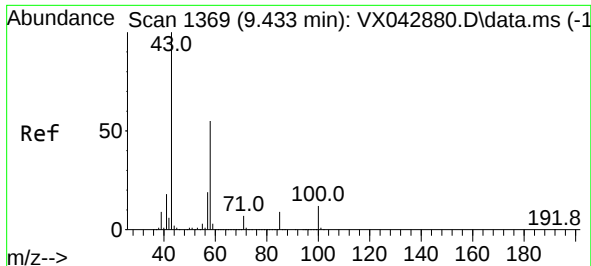
Tgt Ion: 43 Resp: 116850
Ion Ratio Lower Upper
43 100
58 9.2 30.4 45.6#



#54
cis-1,3-Dichloropropene
Concen: 20.211 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX042890.D
Acq: 07 Aug 2024 00:56

Tgt Ion: 75 Resp: 53044
Ion Ratio Lower Upper
75 100
77 1.0 25.3 37.9#
39 31.4 46.7 70.1#

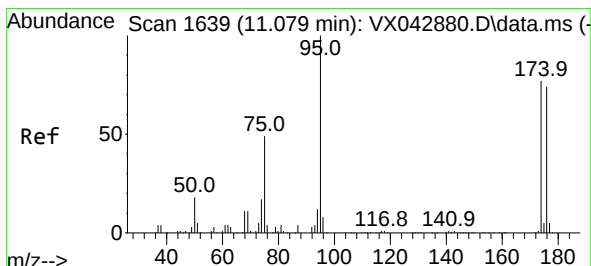
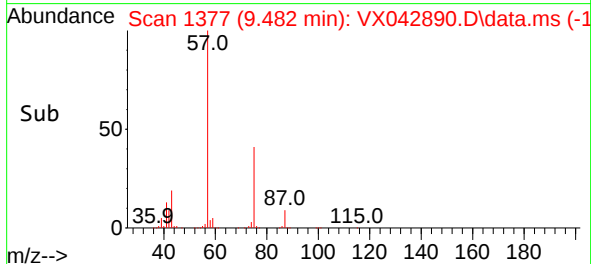
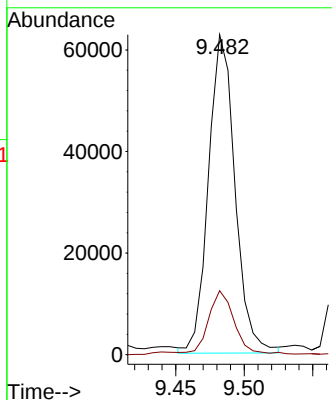
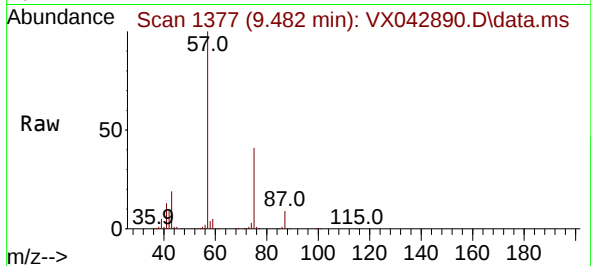




#59
2-Hexanone
Concen: 36.883 ug/l
RT: 9.482 min Scan# 11
Delta R.T. 0.049 min
Lab File: VX042890.D
Acq: 07 Aug 2024 00:56

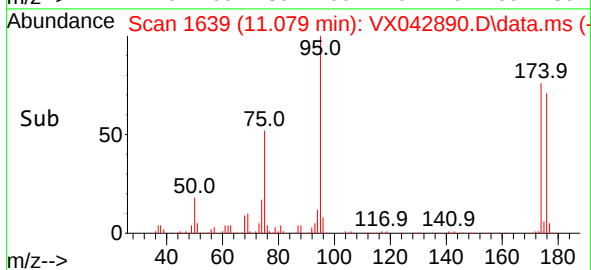
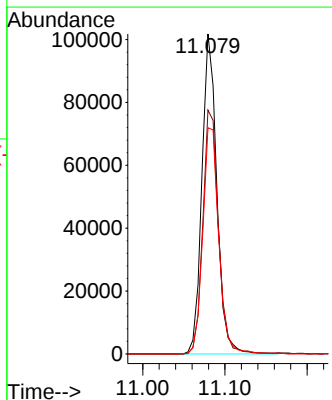
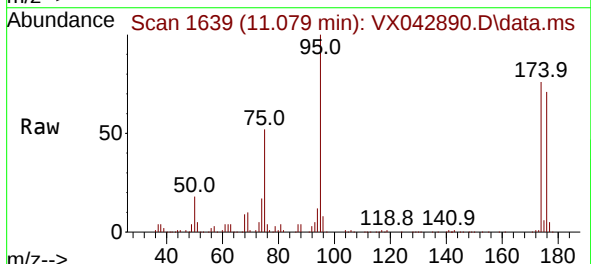
Instrument :
MSVOA_X
ClientSampleId :

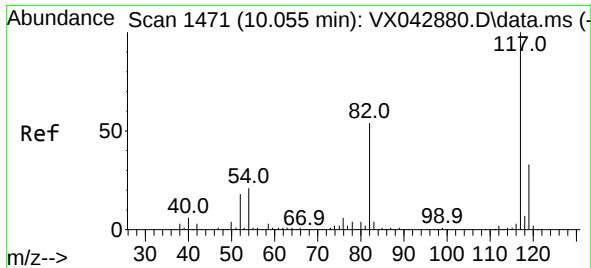
Tgt Ion: 43 Resp: 84780
Ion Ratio Lower Upper
43 100
58 20.0 26.2 78.5#



#62
4-Bromofluorobenzene
Concen: 56.933 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042890.D
Acq: 07 Aug 2024 00:56

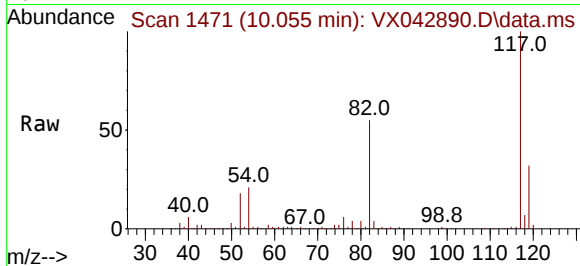
Tgt Ion: 95 Resp: 128211
Ion Ratio Lower Upper
95 100
174 79.8 0.0 135.6
176 76.1 0.0 131.0



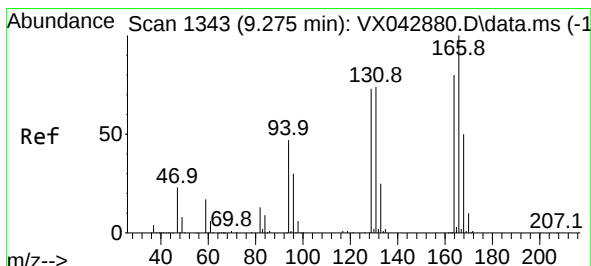
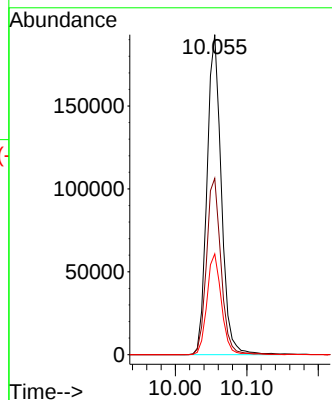
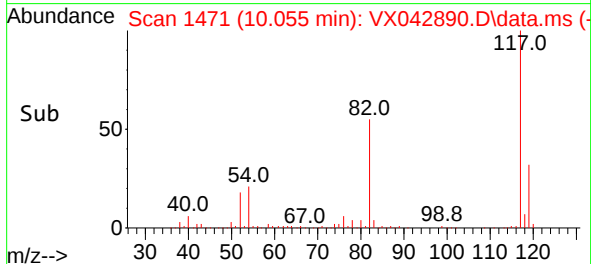


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042890.D
Acq: 07 Aug 2024 00:56

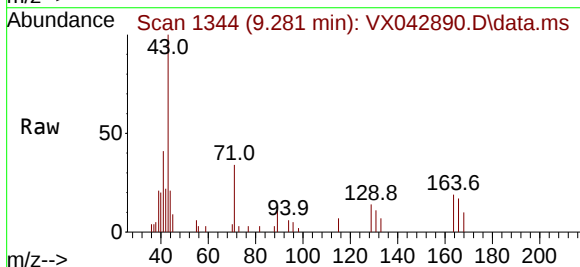
Instrument :
MSVOA_X
ClientSampleId :



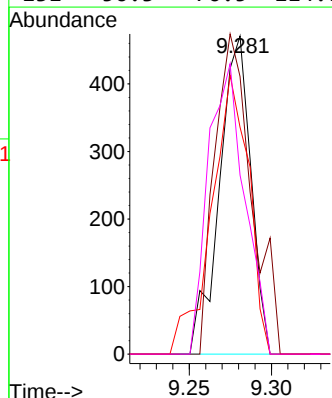
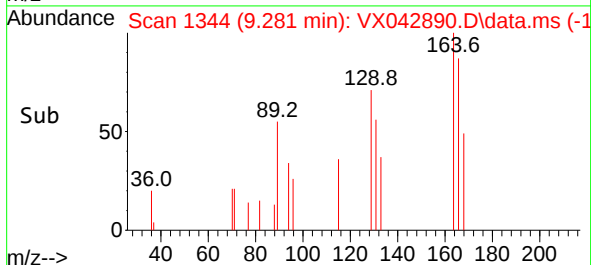
Tgt Ion:117 Resp: 268709
Ion Ratio Lower Upper
117 100
82 55.1 46.2 69.4
119 31.5 25.5 38.3

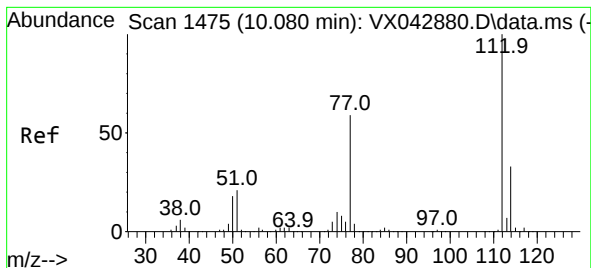


#64
Tetrachloroethene
Concen: 0.336 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX042890.D
Acq: 07 Aug 2024 00:56



Tgt Ion:164 Resp: 627
Ion Ratio Lower Upper
164 100
166 87.3 102.7 154.1#
129 71.3 80.4 120.6#
131 56.3 76.5 114.7#





#65

Chlorobenzene

Concen: 0.219 ug/l

RT: 10.086 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VX042890.D

Acq: 07 Aug 2024 00:56

Instrument :

MSVOA_X

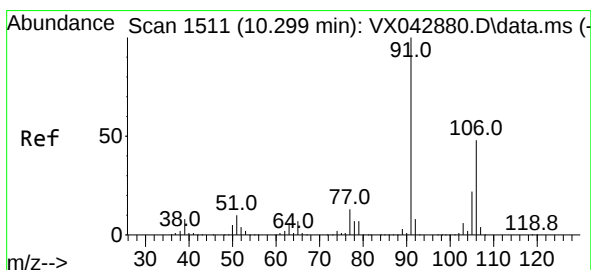
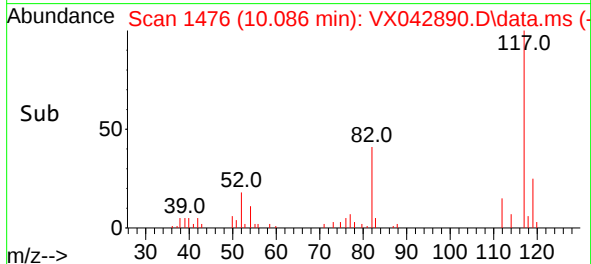
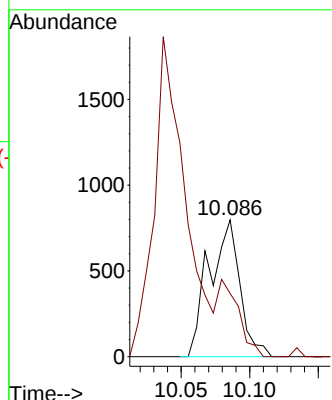
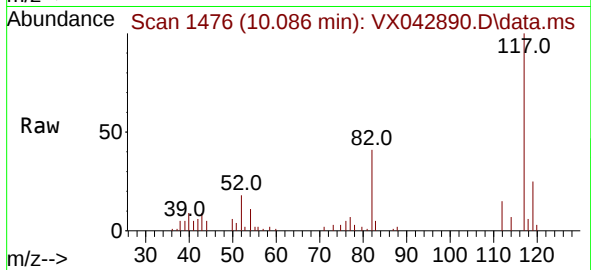
ClientSampleId :

Tgt Ion:112 Resp: 1248

Ion Ratio Lower Upper

112 100

114 46.2 25.7 38.5#



#68

m/p-Xylenes

Concen: 0.404 ug/l

RT: 10.311 min Scan# 1513

Delta R.T. 0.012 min

Lab File: VX042890.D

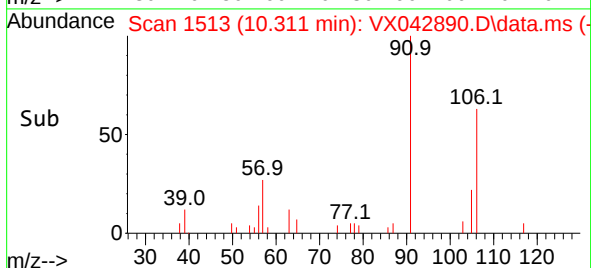
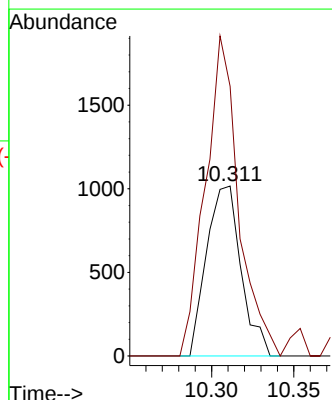
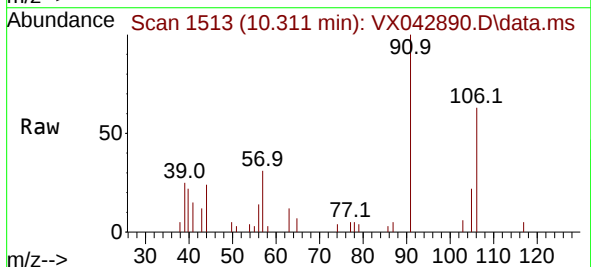
Acq: 07 Aug 2024 00:56

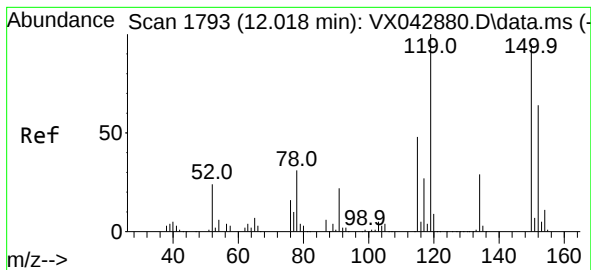
Tgt Ion:106 Resp: 1480

Ion Ratio Lower Upper

106 100

91 181.0 165.5 248.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX042890.D

Acq: 07 Aug 2024 00:56

Instrument :

MSVOA_X

ClientSampleId :

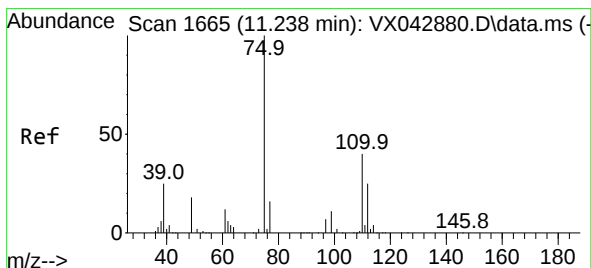
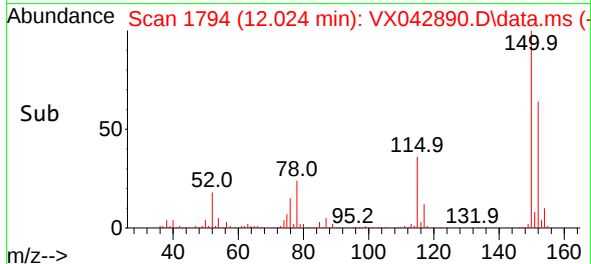
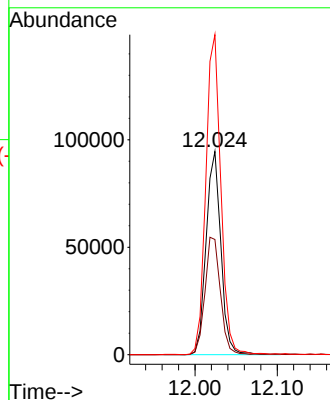
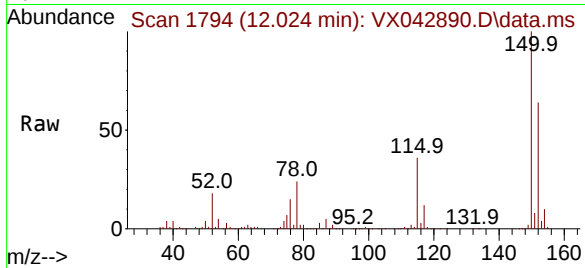
Tgt Ion:152 Resp: 118306

Ion Ratio Lower Upper

152 100

115 60.4 43.3 129.9

150 159.7 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 24.853 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX042890.D

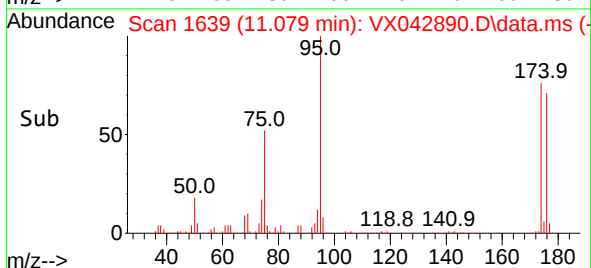
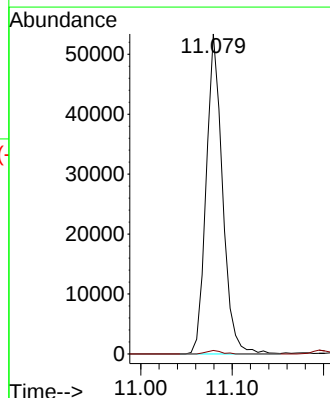
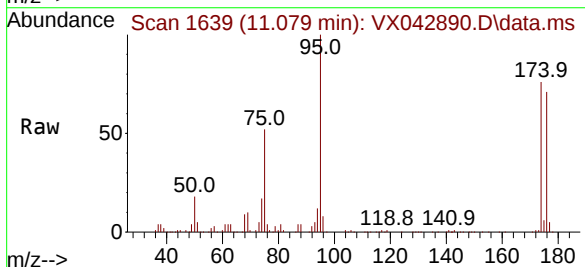
Acq: 07 Aug 2024 00:56

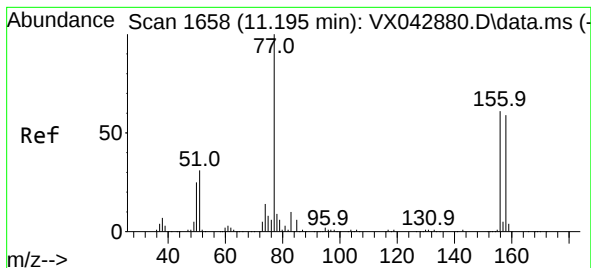
Tgt Ion: 75 Resp: 66127

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#





#77

Bromobenzene

Concen: 0.222 ug/l

RT: 11.195 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX042890.D

Acq: 07 Aug 2024 00:56

Instrument :

MSVOA_X

ClientSampleId :

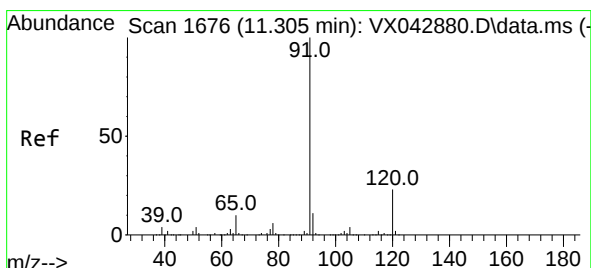
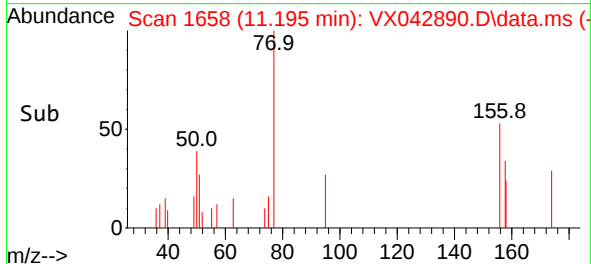
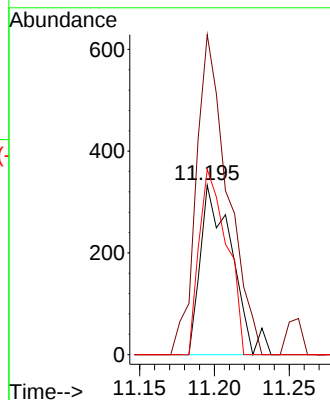
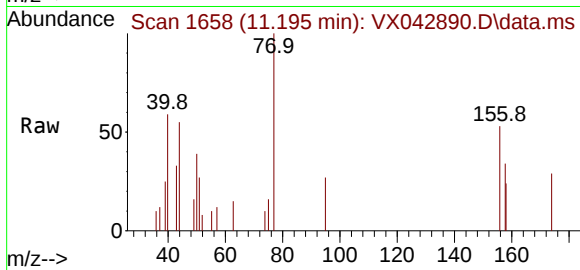
Tgt Ion:156 Resp: 484

Ion Ratio Lower Upper

156 100

77 191.7 88.4 265.3

158 97.1 48.0 144.0



#78

n-propylbenzene

Concen: 0.221 ug/l

RT: 11.311 min Scan# 1677

Delta R.T. 0.006 min

Lab File: VX042890.D

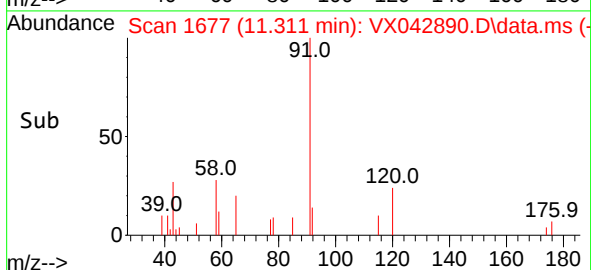
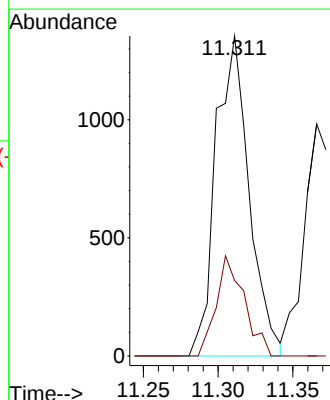
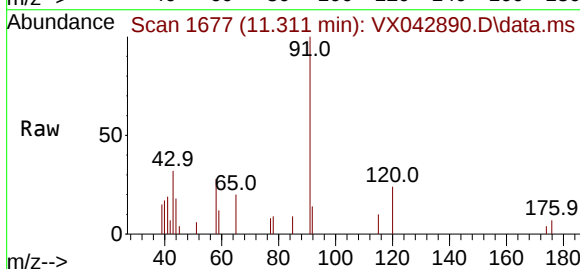
Acq: 07 Aug 2024 00:56

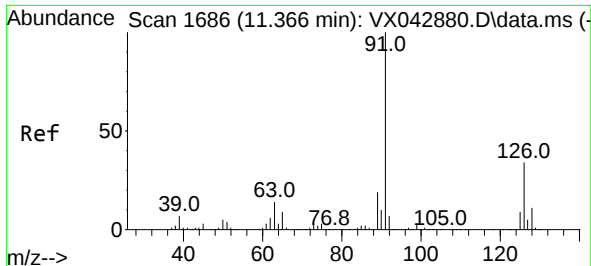
Tgt Ion: 91 Resp: 2097

Ion Ratio Lower Upper

91 100

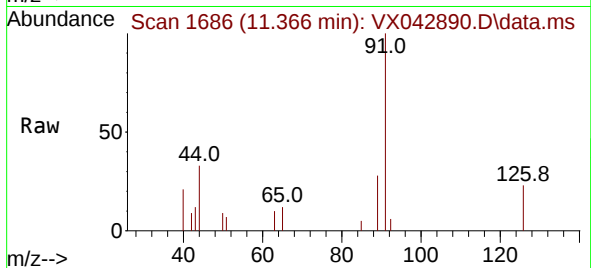
120 26.3 11.5 34.4



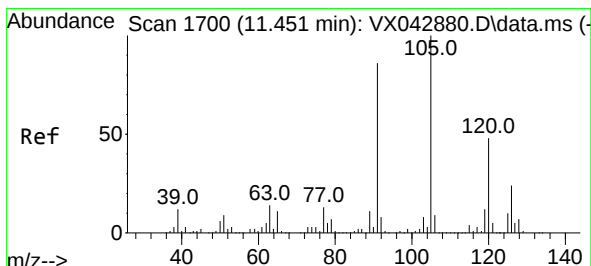
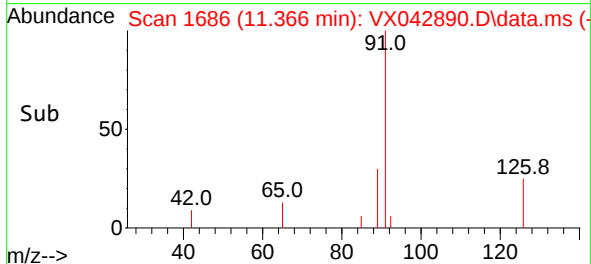
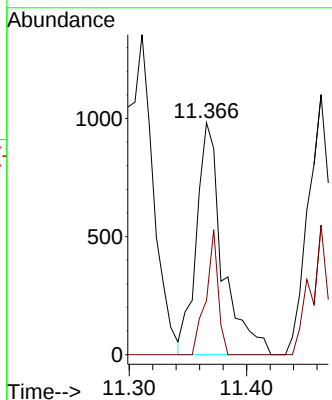


#79
2-Chlorotoluene
Concen: 0.249 ug/l
RT: 11.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042890.D
Acq: 07 Aug 2024 00:56

Instrument :
MSVOA_X
ClientSampleId :

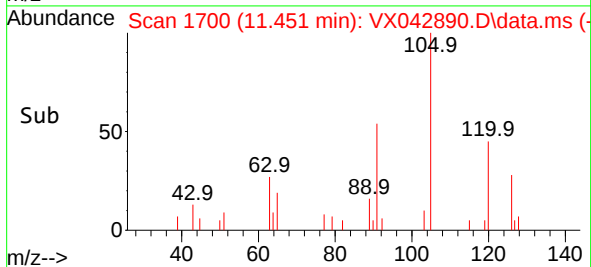
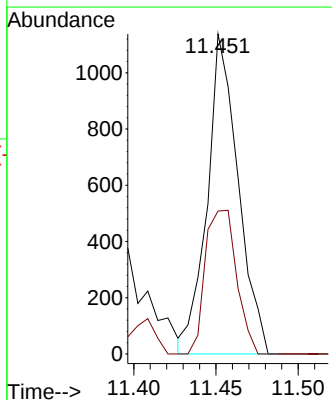
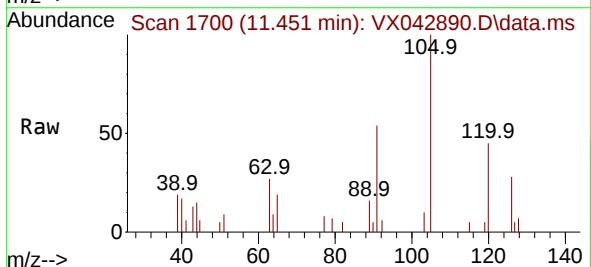


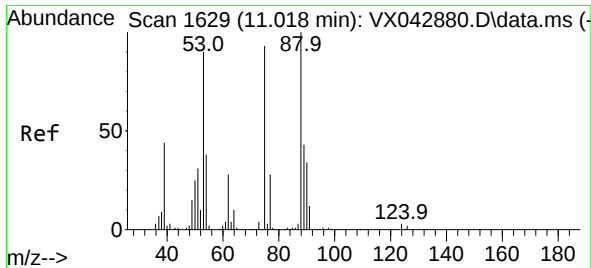
Tgt Ion: 91 Resp: 1515
Ion Ratio Lower Upper
91 100
126 25.0 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 0.210 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX042890.D
Acq: 07 Aug 2024 00:56

Tgt Ion: 105 Resp: 1487
Ion Ratio Lower Upper
105 100
120 45.5 24.1 72.3

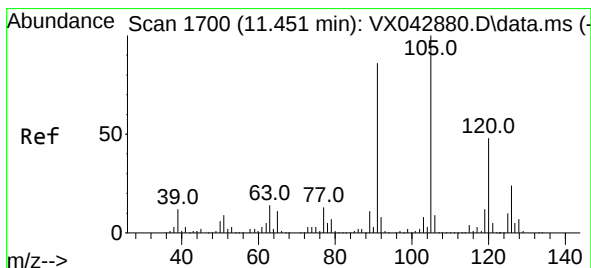
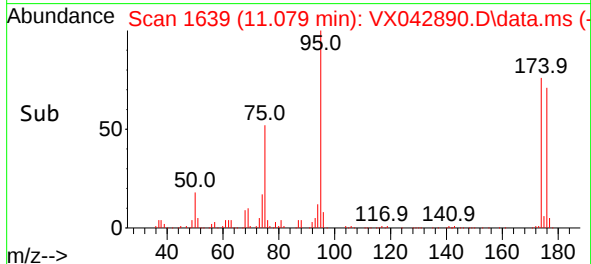
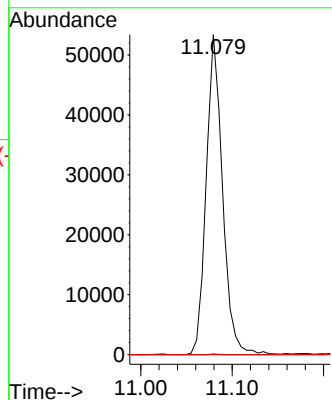
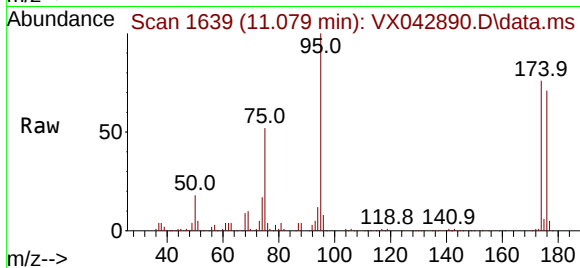




#81
trans-1,4-Dichloro-2-butene
Concen: 80.812 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX042890.D
Acq: 07 Aug 2024 00:56

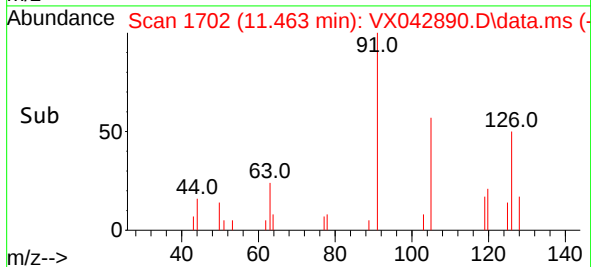
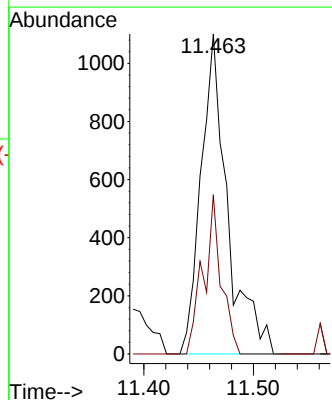
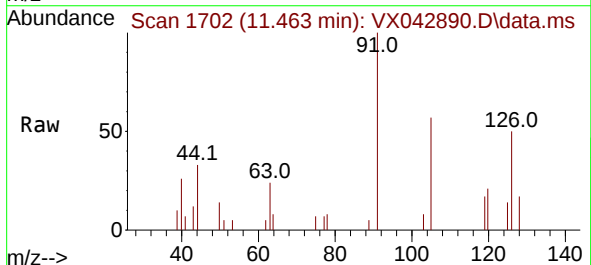
Instrument :
MSVOA_X
ClientSampleId :

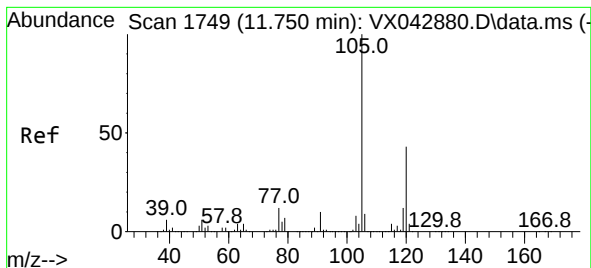
Tgt Ion: 75 Resp: 66127
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 36.9 55.3#



#82
4-Chlorotoluene
Concen: 0.271 ug/l
RT: 11.463 min Scan# 1702
Delta R.T. 0.012 min
Lab File: VX042890.D
Acq: 07 Aug 2024 00:56

Tgt Ion: 91 Resp: 1853
Ion Ratio Lower Upper
91 100
126 33.2 14.2 42.6





#84

1,2,4-Trimethylbenzene

Concen: 0.323 ug/l

RT: 11.756 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX042890.D

Acq: 07 Aug 2024 00:56

Instrument :

MSVOA_X

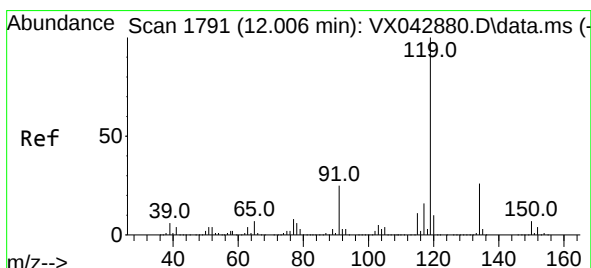
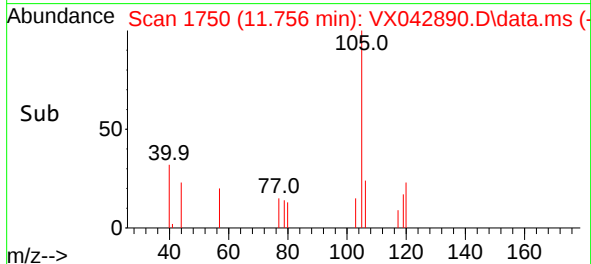
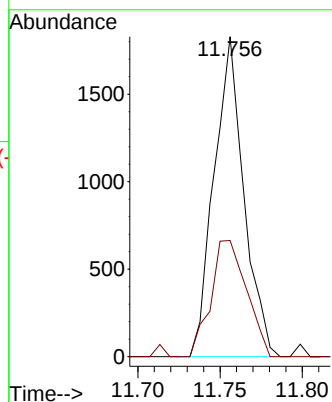
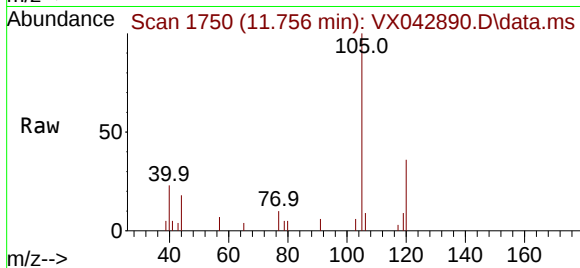
ClientSampleId :

Tgt Ion:105 Resp: 2304

Ion Ratio Lower Upper

105 100

120 43.5 21.2 63.6



#86

p-Isopropyltoluene

Concen: 0.225 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX042890.D

Acq: 07 Aug 2024 00:56

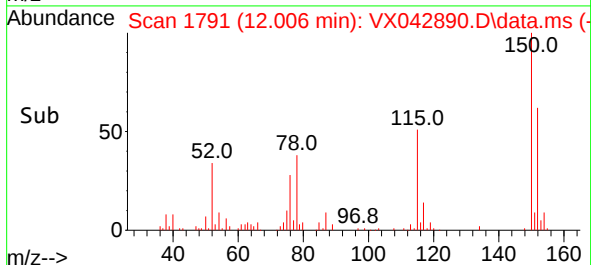
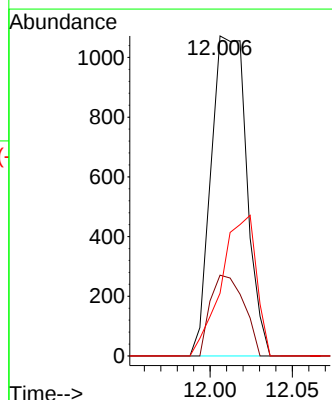
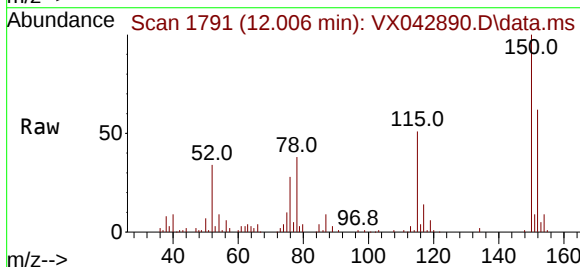
Tgt Ion:119 Resp: 1605

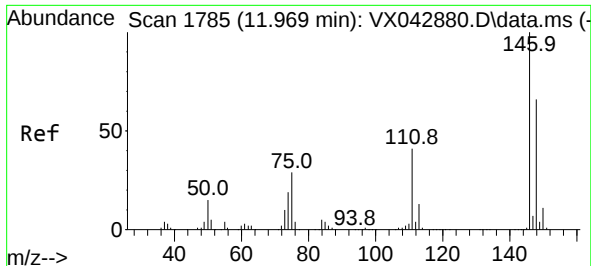
Ion Ratio Lower Upper

119 100

134 23.9 12.8 38.3

91 43.3 13.1 39.3#





#87

1,3-Dichlorobenzene

Concen: 0.382 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX042890.D

Acq: 07 Aug 2024 00:56

Instrument :

MSVOA_X

ClientSampleId :

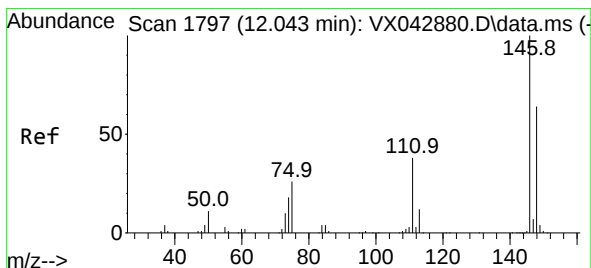
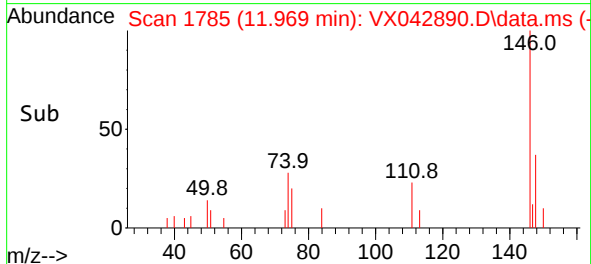
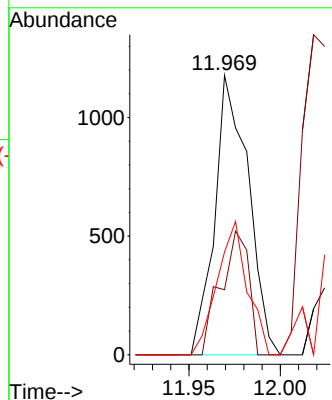
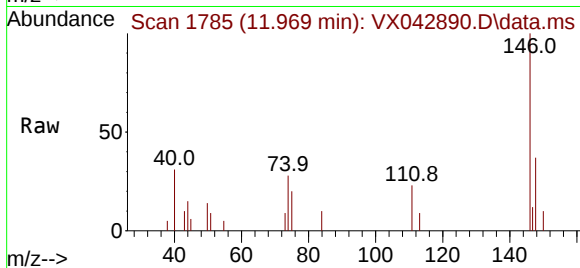
Tgt Ion:146 Resp: 1504

Ion Ratio Lower Upper

146 100

111 37.0 22.1 66.1

148 43.2 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 0.373 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.073 min

Lab File: VX042890.D

Acq: 07 Aug 2024 00:56

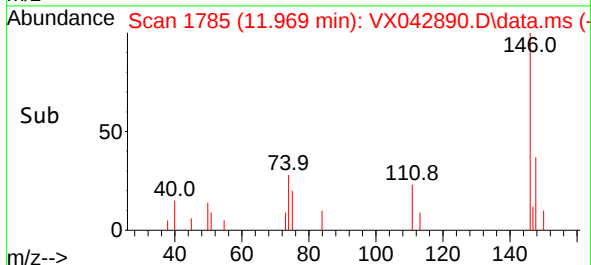
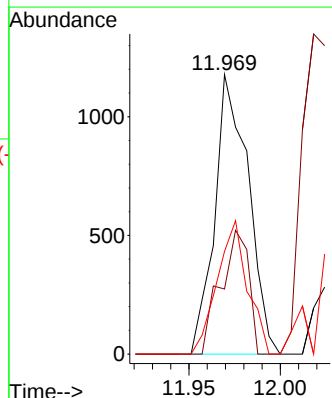
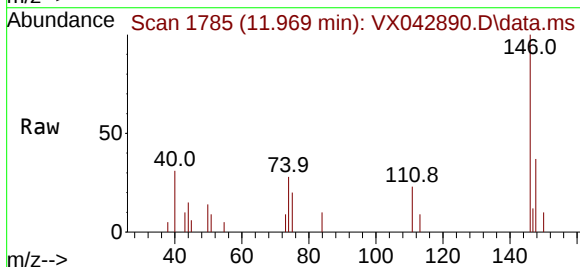
Tgt Ion:146 Resp: 1504

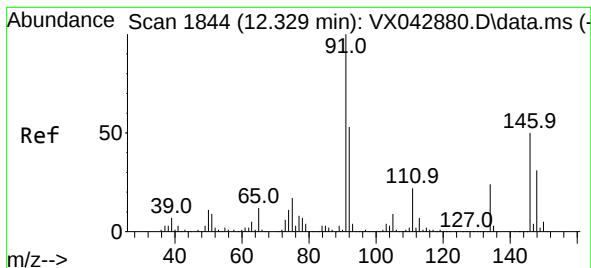
Ion Ratio Lower Upper

146 100

111 37.0 21.3 63.7

148 43.2 31.8 95.4





#89

n-Butylbenzene

Concen: 0.326 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX042890.D

Acq: 07 Aug 2024 00:56

Instrument :

MSVOA_X

ClientSampleId :

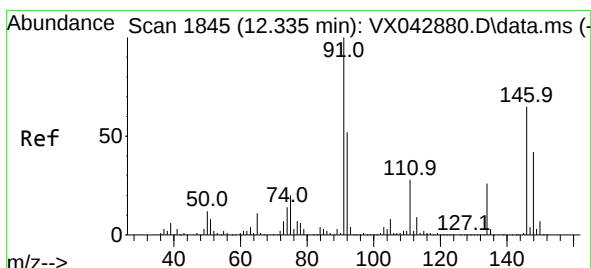
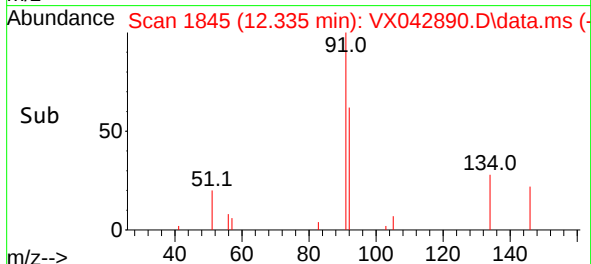
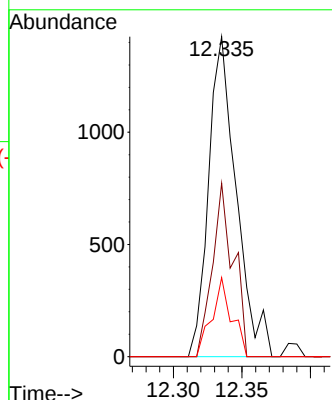
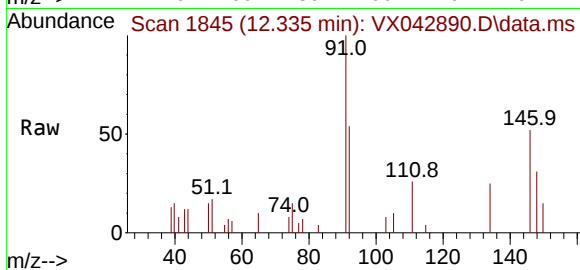
Tgt Ion: 91 Resp: 2002

Ion Ratio Lower Upper

91 100

92 41.0 27.4 82.0

134 17.7 12.6 37.8



#91

1,2-Dichlorobenzene

Concen: 0.254 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX042890.D

Acq: 07 Aug 2024 00:56

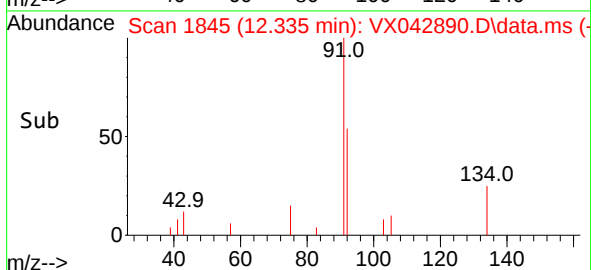
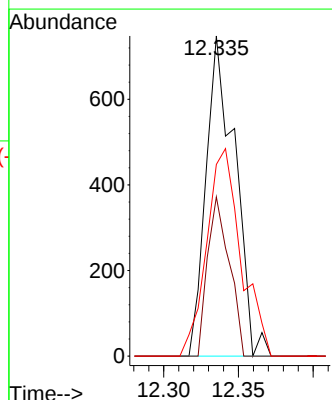
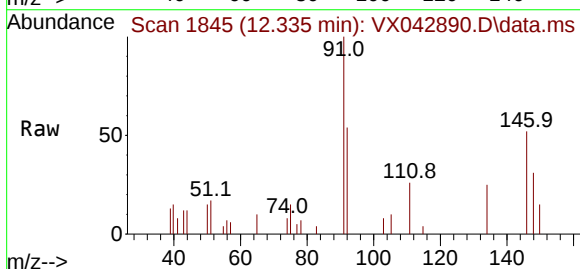
Tgt Ion: 146 Resp: 1003

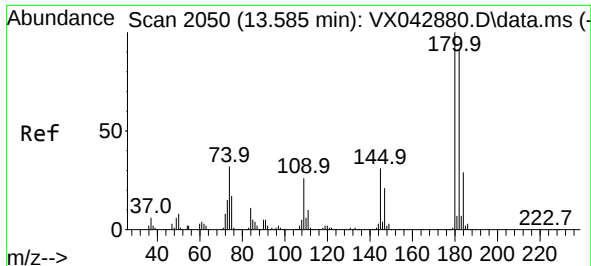
Ion Ratio Lower Upper

146 100

111 37.4 22.4 67.0

148 77.0 31.6 95.0

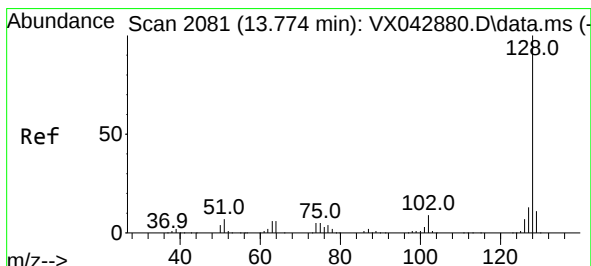
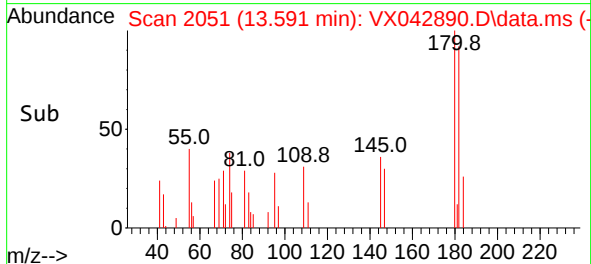
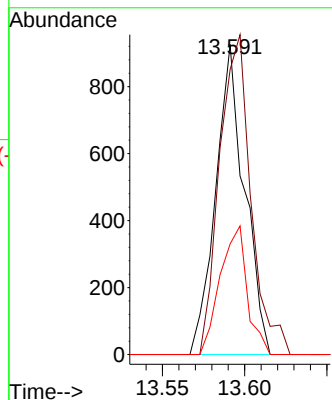
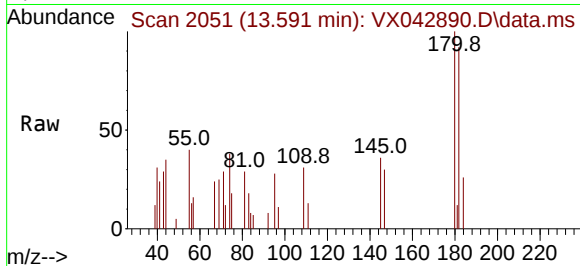




#93
 1,2,4-Trichlorobenzene
 Concen: 0.469 ug/l
 RT: 13.591 min Scan# 2050
 Delta R.T. 0.006 min
 Lab File: VX042890.D
 Acq: 07 Aug 2024 00:56

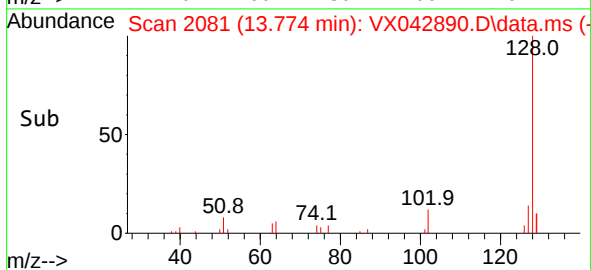
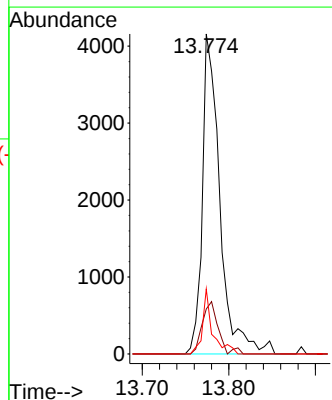
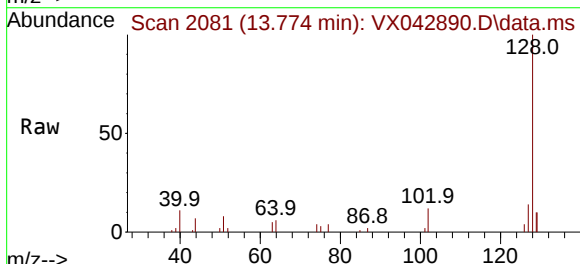
Instrument :
 MSVOA_X
 ClientSampleId :

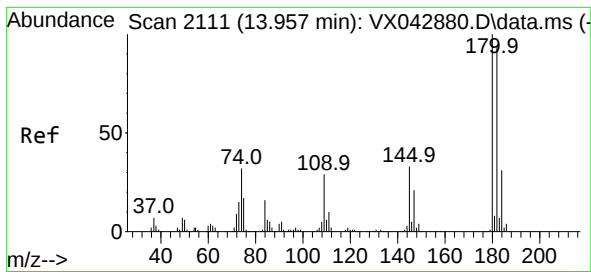
Tgt Ion:180 Resp: 1128
 Ion Ratio Lower Upper
 180 100
 182 112.2 48.3 144.8
 145 38.8 18.0 54.0



#95
 Naphthalene
 Concen: 0.703 ug/l
 RT: 13.774 min Scan# 2081
 Delta R.T. -0.000 min
 Lab File: VX042890.D
 Acq: 07 Aug 2024 00:56

Tgt Ion:128 Resp: 5849
 Ion Ratio Lower Upper
 128 100
 127 14.9 10.3 15.5
 129 11.4 8.8 13.2





#96

1,2,3-Trichlorobenzene

Concen: 0.506 ug/l

RT: 13.969 min Scan# 2111

Delta R.T. 0.012 min

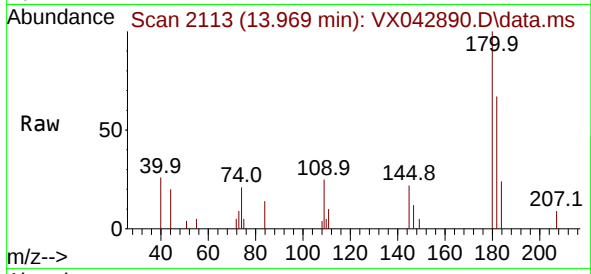
Lab File: VX042890.D

Acq: 07 Aug 2024 00:56

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 1226

Ion Ratio Lower Upper

180 100

182 93.3 46.9 140.6

145 40.1 17.8 53.5

