

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092424\
 Data File : VX043121.D
 Acq On : 24 Sep 2024 14:39
 Operator : JC/MD
 Sample : PB163627TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB163627TB

Quant Time: Sep 25 01:28:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 24 03:13:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	92238	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	180360	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	172332	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	91350	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	80583	52.596	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.200%	
35) Dibromofluoromethane	5.385	113	62082	48.794	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.580%	
50) Toluene-d8	8.647	98	224440	52.140	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.280%	
62) 4-Bromofluorobenzene	11.079	95	93055	53.681	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 107.360%	

Target Compounds				Qvalue		
3) Chloromethane	1.294	50	836	0.832	ug/l	96
5) Bromomethane	1.618	94	238	0.406	ug/l #	74
6) Chloroethane	1.697	64	166	0.254	ug/l #	42
8) Diethyl Ether	2.136	74	160	0.263	ug/l	63
11) Tert butyl alcohol	2.947	59	2413	7.054	ug/l #	82
13) Acrolein	2.227	56	170	3.772	ug/l #	1
14) Allyl chloride	2.654	41	450	0.248	ug/l #	68
15) Acrylonitrile	3.068	53	161	0.271	ug/l #	45
16) Acetone	2.380	43	44426	62.003	ug/l	99
17) Carbon Disulfide	2.514	76	1194	0.491	ug/l #	82
18) Methyl Acetate	2.703	43	176265	91.399	ug/l	99
20) Methylene Chloride	2.794	84	6960	6.106	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	213	0.211	ug/l	86
25) 2-Butanone	4.580	43	5697	6.168	ug/l	99
29) Tetrahydrofuran	5.032	42	952	1.714	ug/l #	58
36) 1,1-Dichloropropene	5.550	75	7874	5.037	ug/l #	48
38) Carbon Tetrachloride	5.556	117	10286	5.108	ug/l #	17
43) Isopropyl Acetate	6.348	43	1833	0.559	ug/l #	72
49) 1,4-Dioxane	7.659	88	40	1.315	ug/l #	1
51) 4-Methyl-2-Pentanone	8.580	43	6993	3.470	ug/l	99
59) 2-Hexanone	9.372	43	61572	39.079	ug/l #	26
68) m/p-Xylenes	10.305	106	823	0.344	ug/l	85
74) N-amyl acetate	10.854	43	645	0.200	ug/l #	80
76) 1,2,3-Trichloropropane	11.079	75	50678	26.094	ug/l #	34
78) n-propylbenzene	11.311	91	1858	0.239	ug/l	95
79) 2-Chlorotoluene	11.366	91	1096	0.225	ug/l	84
80) 1,3,5-Trimethylbenzene	11.457	105	1566	0.276	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.079	75	50678	62.170	ug/l #	7
82) 4-Chlorotoluene	11.457	91	1859	0.334	ug/l	91
84) 1,2,4-Trimethylbenzene	11.756	105	2159	0.383	ug/l	89
85) sec-Butylbenzene	11.890	105	1605	0.224	ug/l	98
86) p-Isopropyltoluene	12.012	119	1529	0.257	ug/l #	73
87) 1,3-Dichlorobenzene	11.975	146	1070	0.357	ug/l	95
88) 1,4-Dichlorobenzene	11.975	146	1070	0.356	ug/l	93
89) n-Butylbenzene	12.335	91	2525	0.486	ug/l	94
90) Hexachloroethane	12.542	117	251	0.211	ug/l	73

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Quant Title : SW846 8260
QLast Update : Tue Sep 24 03:13:52 2024
Response via : Initial Calibration

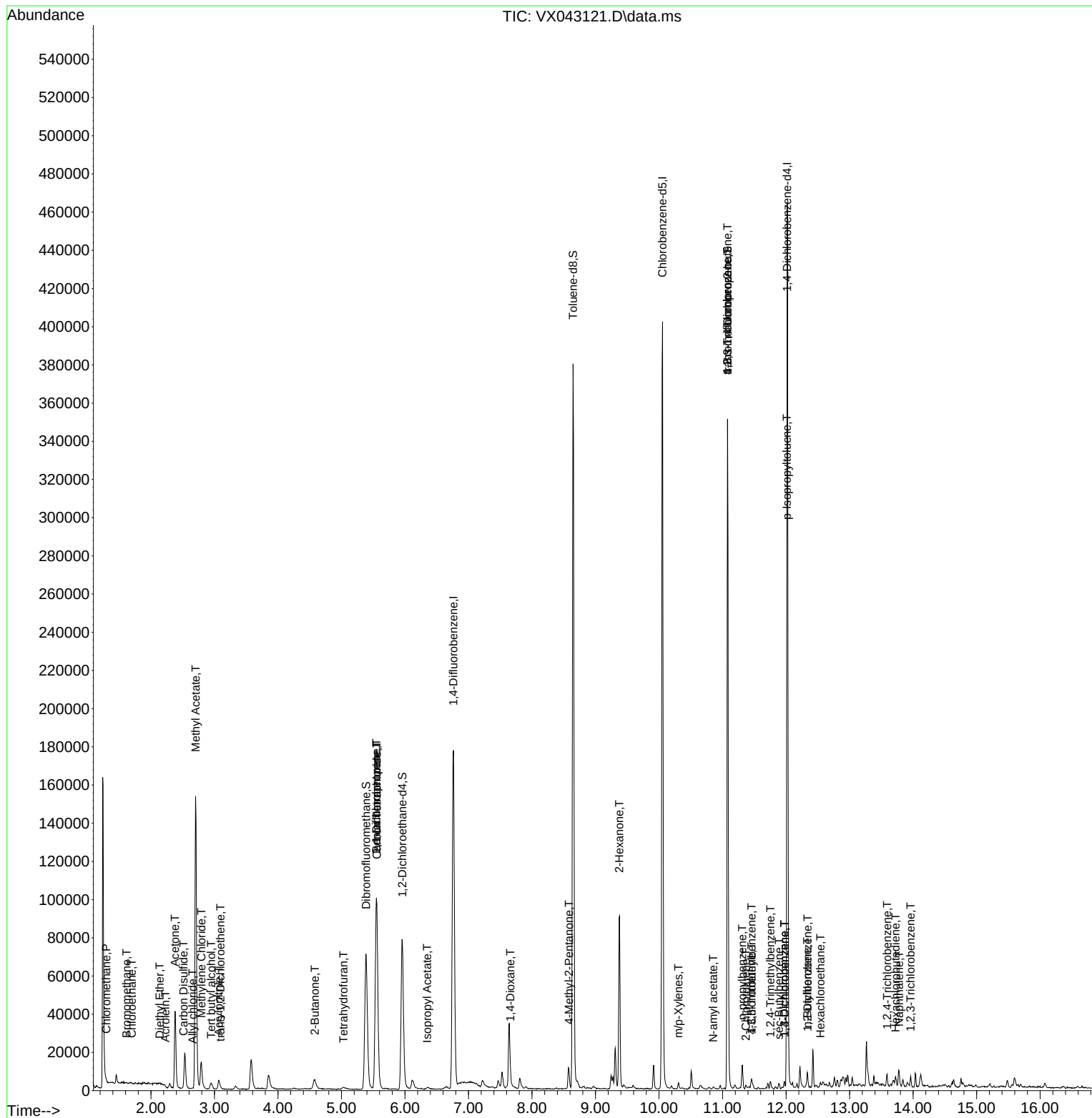
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) 1,2-Dichlorobenzene	12.341	146	832	0.282	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	1549	0.846	ug/l	96
94) Hexachlorobutadiene	13.725	225	587	0.763	ug/l	89
95) Naphthalene	13.780	128	5701	0.896	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	1341	0.737	ug/l	94

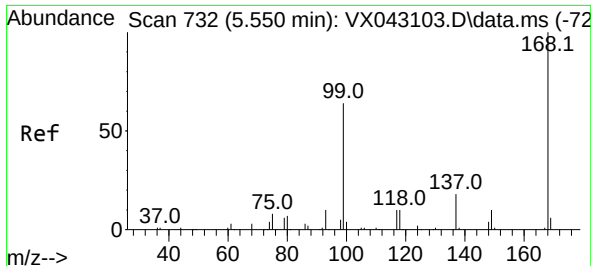
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX043121.D

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Instrument :

MSVOA_X

ClientSampleId :

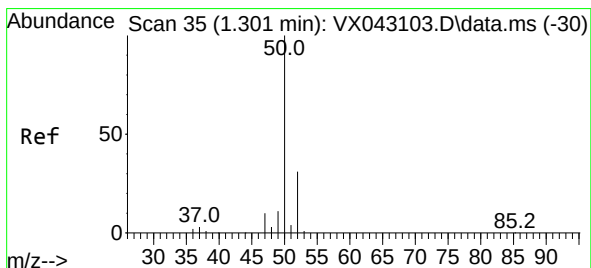
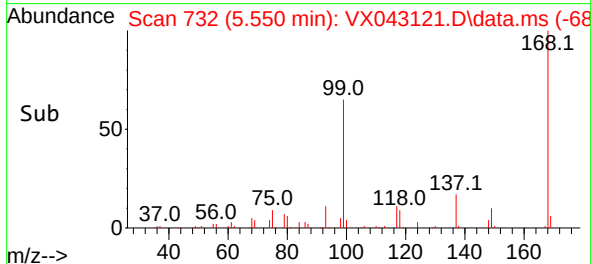
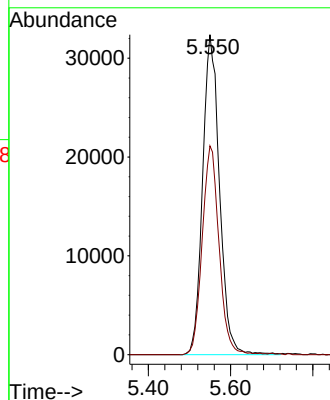
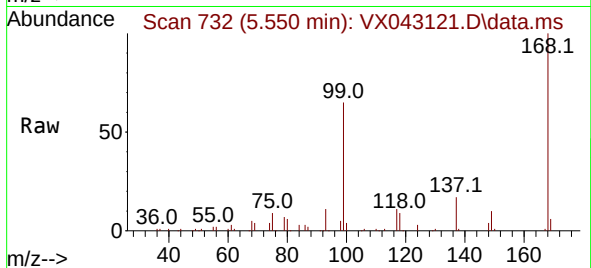
PB163627TB

Tgt Ion:168 Resp: 92238

Ion Ratio Lower Upper

168 100

99 65.2 50.8 76.2



#3

Chloromethane

Concen: 0.832 ug/l

RT: 1.294 min Scan# 34

Delta R.T. -0.006 min

Lab File: VX043121.D

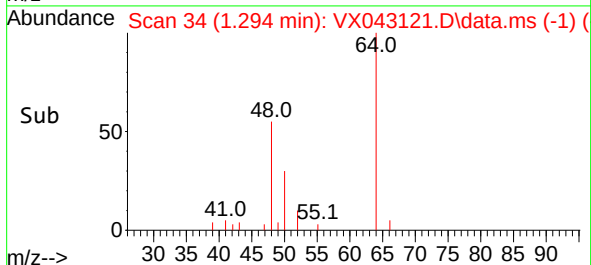
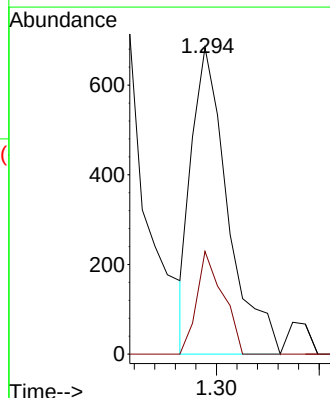
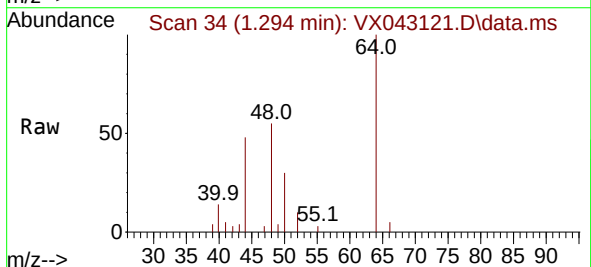
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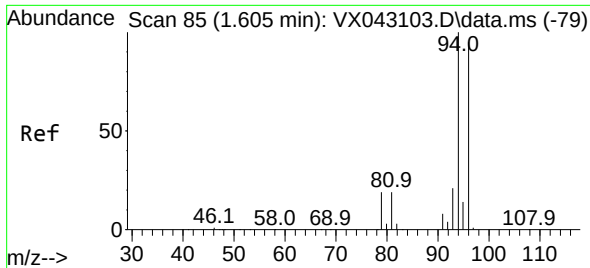
Tgt Ion: 50 Resp: 836

Ion Ratio Lower Upper

50 100

52 33.5 25.1 37.7

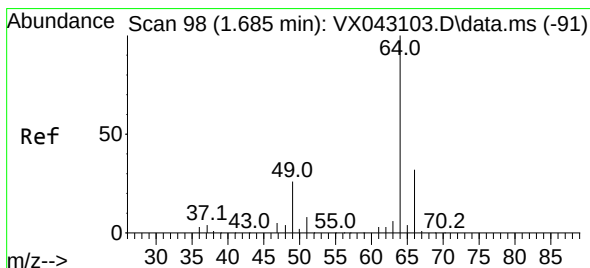
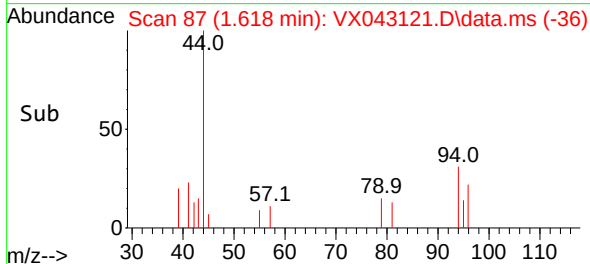
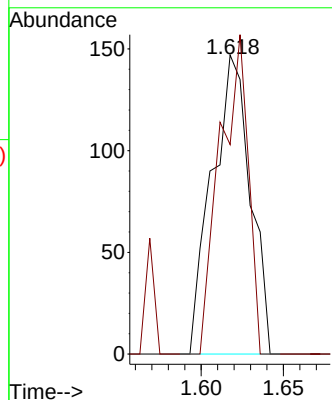
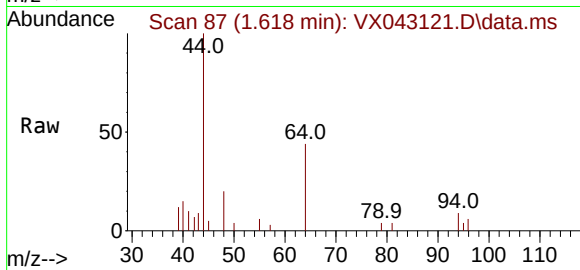




#5
Bromomethane
Concen: 0.406 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.012 min
Lab File: VX043121.D
Acq: 24 Sep 2024 14:39

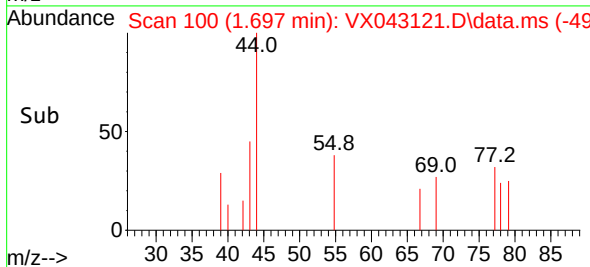
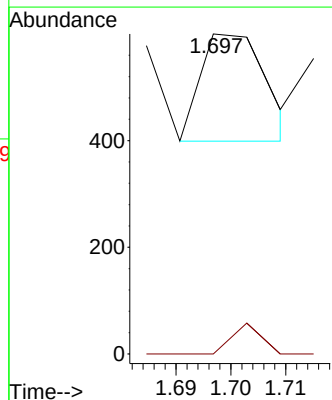
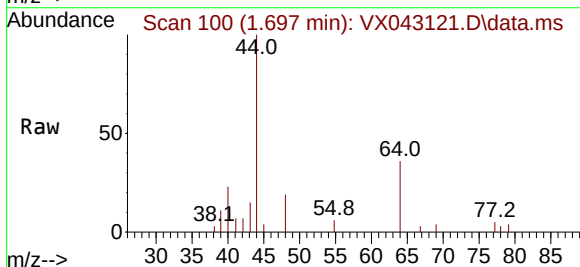
Instrument :
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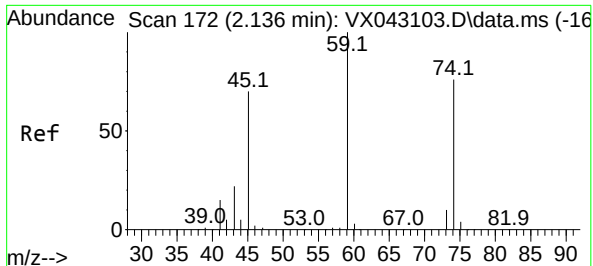
Tgt Ion: 94 Resp: 238
Ion Ratio Lower Upper
94 100
96 70.1 76.2 114.4#



#6
Chloroethane
Concen: 0.254 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.012 min
Lab File: VX043121.D
Acq: 24 Sep 2024 14:39

Tgt Ion: 64 Resp: 166
Ion Ratio Lower Upper
64 100
66 0.0 25.8 38.6#

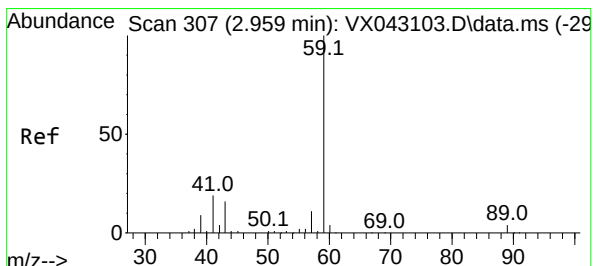
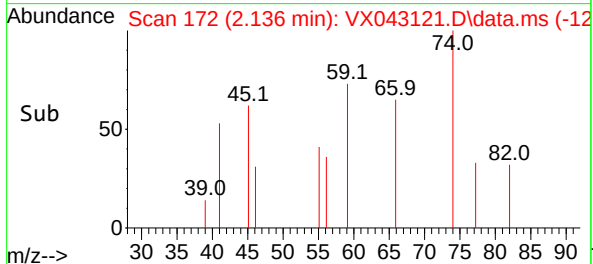
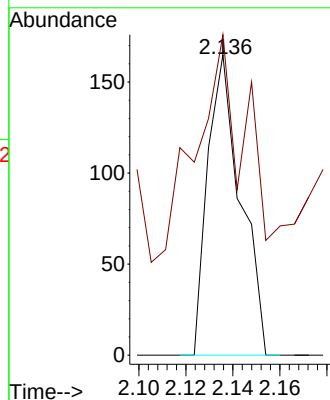
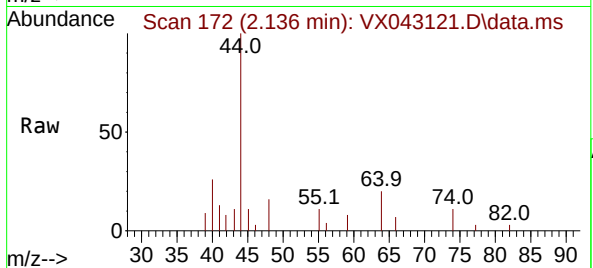




#8
Diethyl Ether
Concen: 0.263 ug/l
RT: 2.136 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043121.D
Acq: 24 Sep 2024 14:39

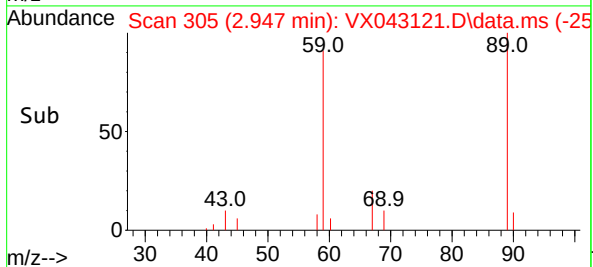
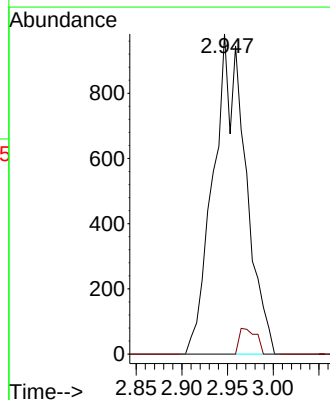
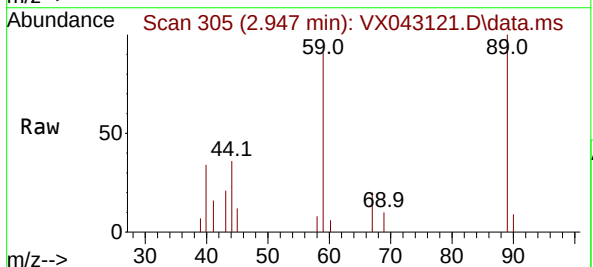
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MSVOA_X
ClientSampleId :
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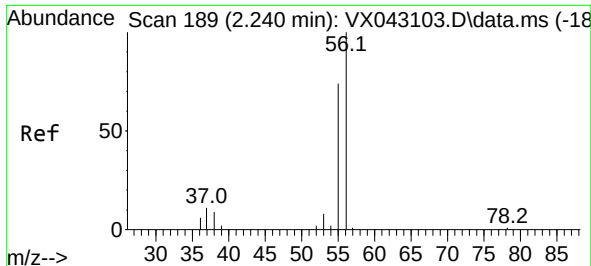
Tgt Ion: 74 Resp: 160
Ion Ratio Lower Upper
74 100
45 133.8 48.6 145.8



#11
Tert butyl alcohol
Concen: 7.054 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX043121.D
Acq: 24 Sep 2024 14:39

Tgt Ion: 59 Resp: 2413
Ion Ratio Lower Upper
59 100
57 4.2 8.6 13.0#

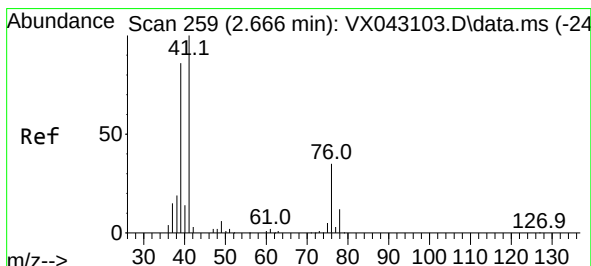
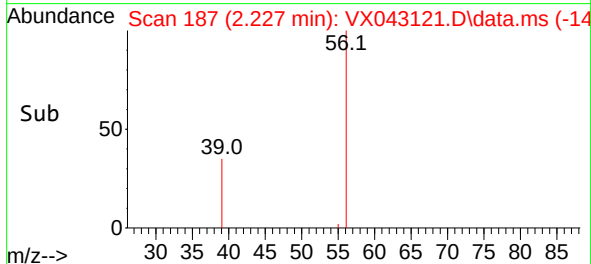
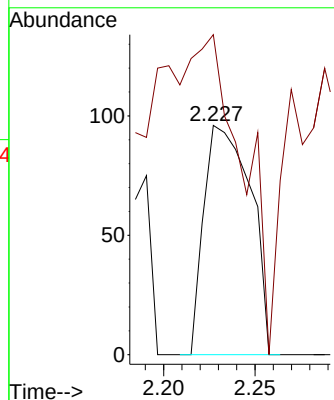
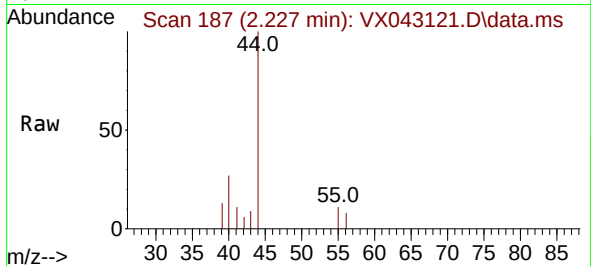




#13
Acrolein
Concen: 3.772 ug/l
RT: 2.227 min Scan# 11
Delta R.T. -0.012 min
Lab File: VX043121.D
Acq: 24 Sep 2024 14:39

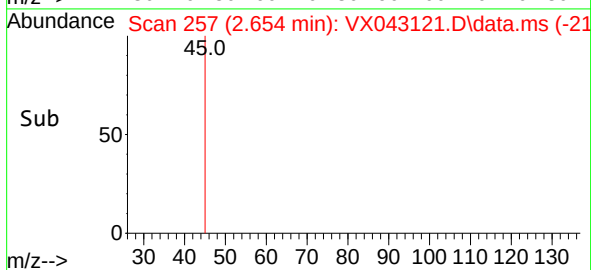
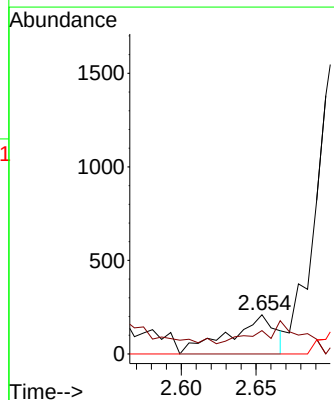
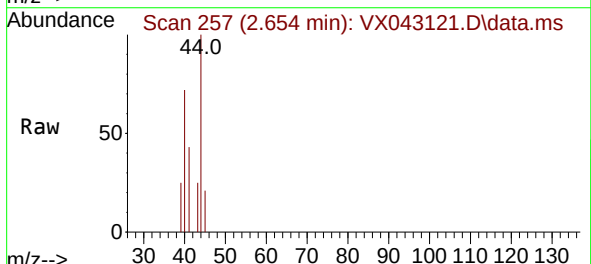
Instrument :
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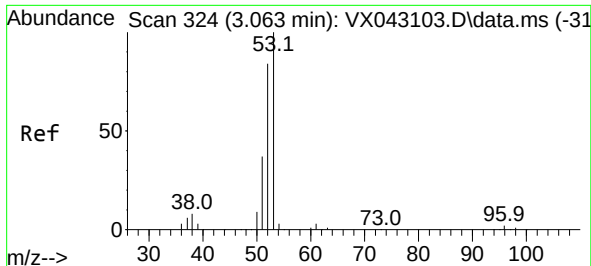
Tgt Ion: 56 Resp: 170
Ion Ratio Lower Upper
56 100
55 234.1 55.8 83.6#



#14
Allyl chloride
Concen: 0.248 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.012 min
Lab File: VX043121.D
Acq: 24 Sep 2024 14:39

Tgt Ion: 41 Resp: 450
Ion Ratio Lower Upper
41 100
39 93.3 61.7 92.5#
76 0.0 29.0 43.6#

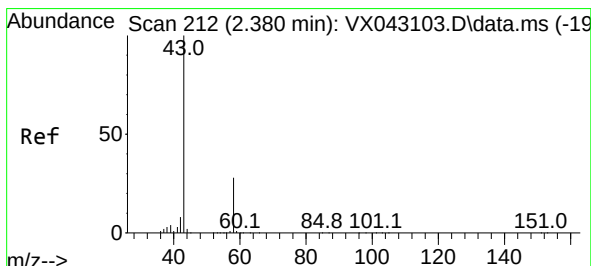
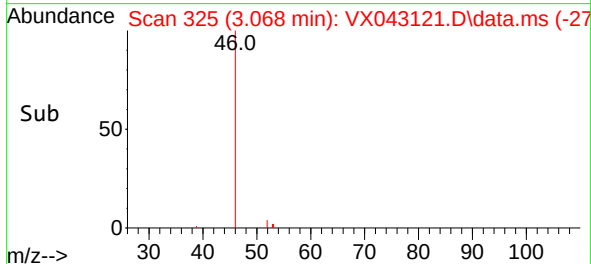
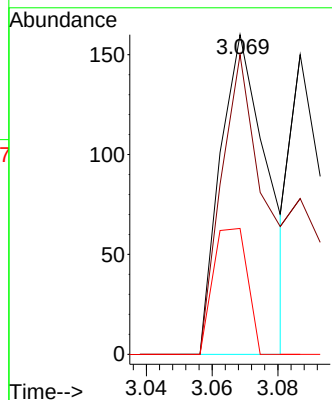
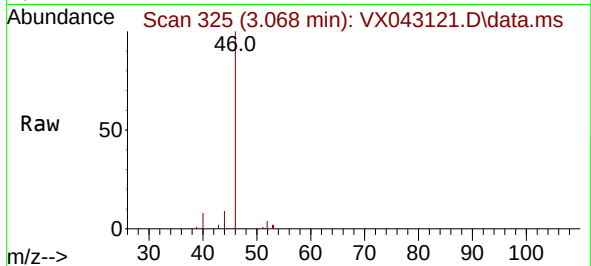




#15
Acrylonitrile
Concen: 0.271 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX043121.D
Acq: 24 Sep 2024 14:39

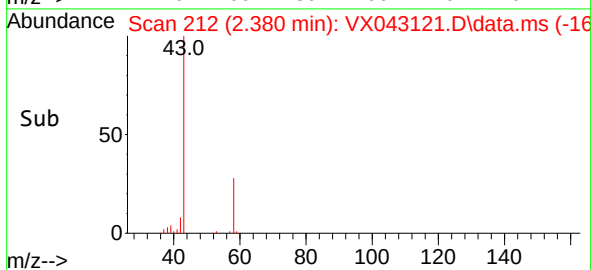
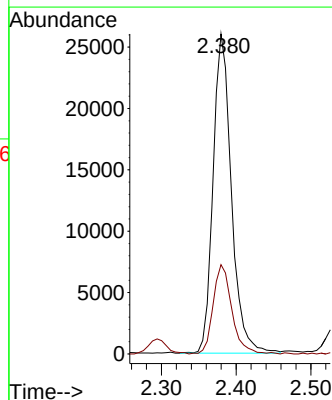
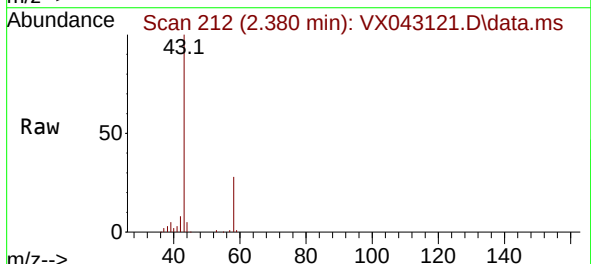
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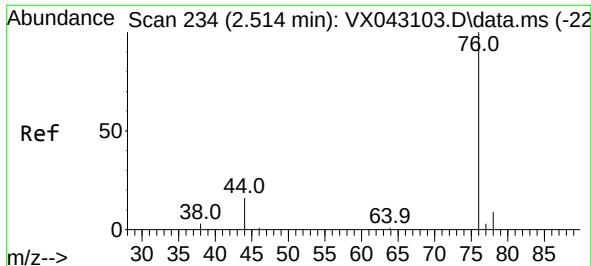
Tgt Ion: 53 Resp: 161
Ion Ratio Lower Upper
53 100
52 131.1 67.8 101.6#
51 0.0 30.6 45.8#



#16
Acetone
Concen: 62.003 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX043121.D
Acq: 24 Sep 2024 14:39

Tgt Ion: 43 Resp: 44426
Ion Ratio Lower Upper
43 100
58 28.0 22.6 34.0

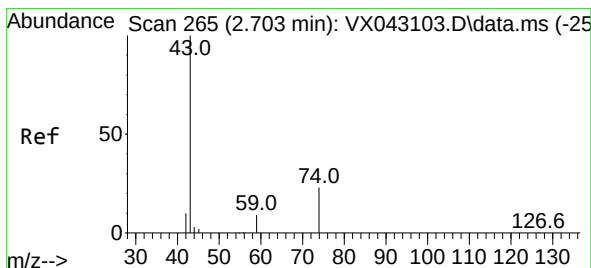
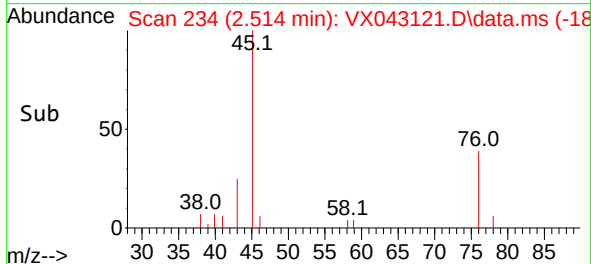
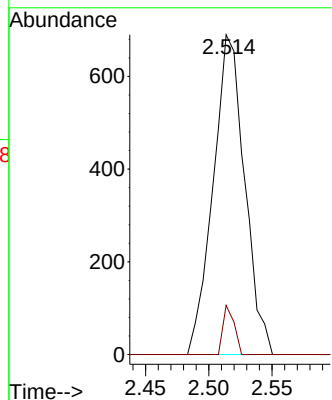
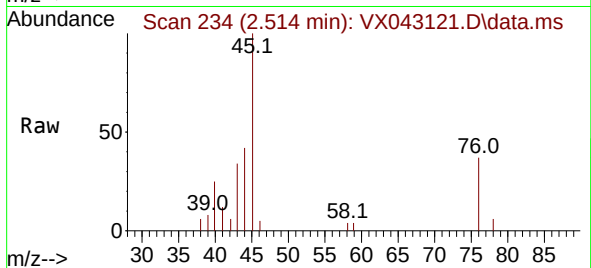




#17
Carbon Disulfide
Concen: 0.491 ug/l
RT: 2.514 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX043121.D
Acq: 24 Sep 2024 14:39

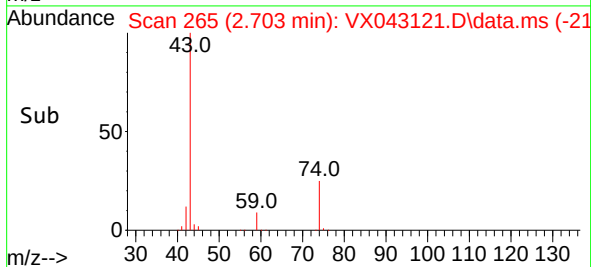
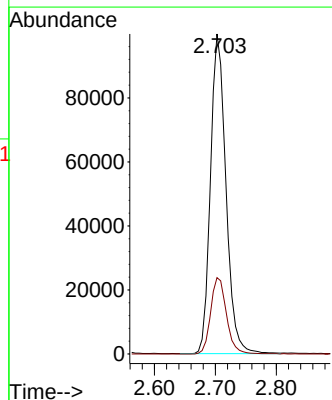
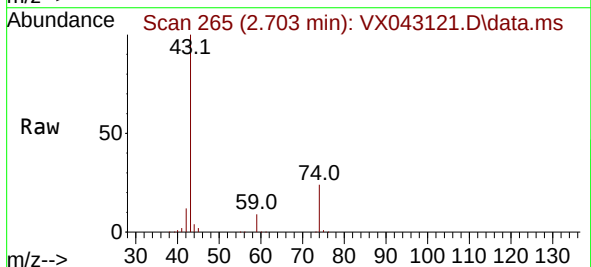
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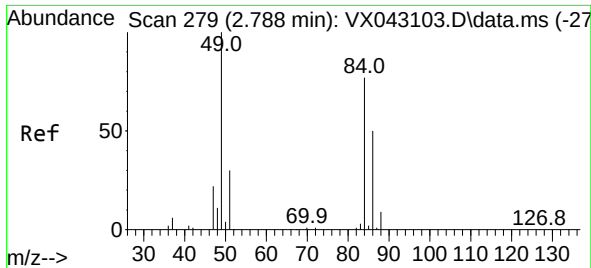
Tgt Ion: 76 Resp: 1194
Ion Ratio Lower Upper
76 100
78 15.4 7.2 10.8#



#18
Methyl Acetate
Concen: 91.399 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX043121.D
Acq: 24 Sep 2024 14:39

Tgt Ion: 43 Resp: 176265
Ion Ratio Lower Upper
43 100
74 24.4 19.2 28.8



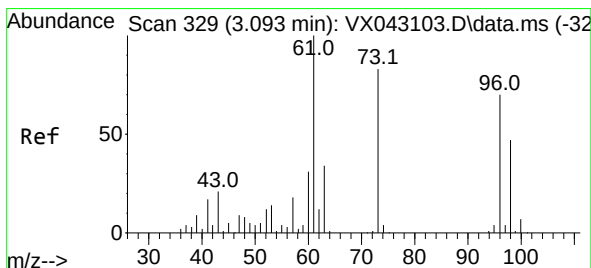
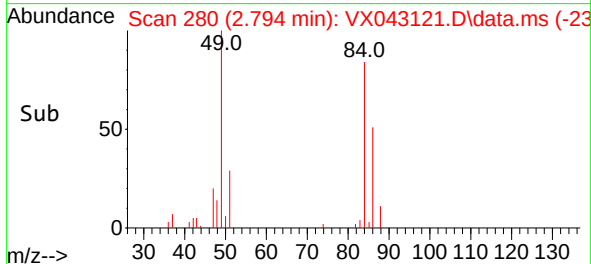
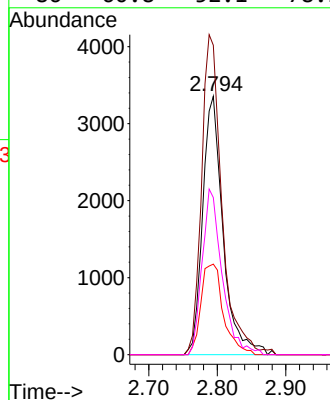
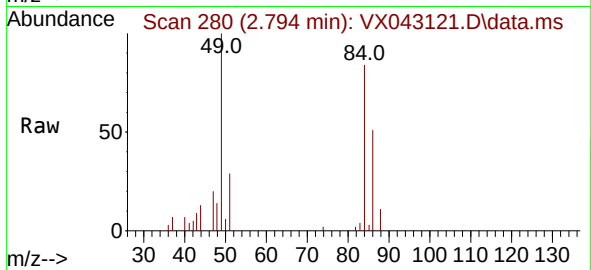


#20
Methylene Chloride
Concen: 6.106 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX043121.D
Acq: 24 Sep 2024 14:39

Instrument :
MSVOA_X
ClientSampleId :
PB163627TB

Tgt Ion: 84 Resp: 6960

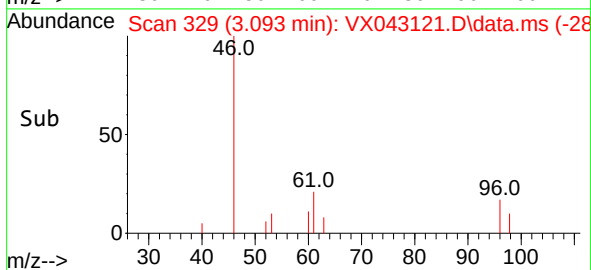
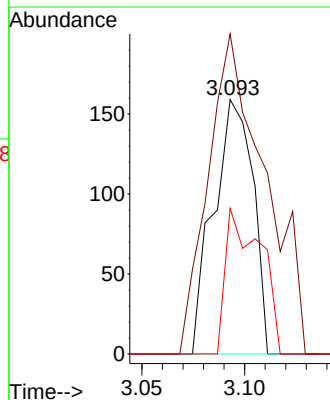
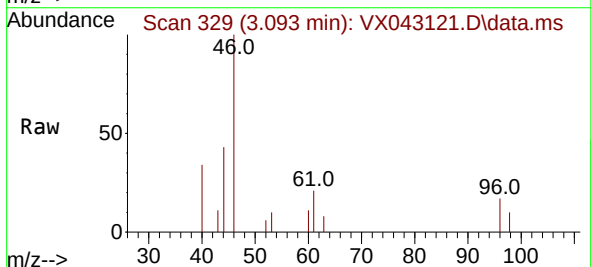
Ion	Ratio	Lower	Upper
84	100		
49	119.7	104.1	156.1
51	35.0	31.1	46.7
86	60.8	52.1	78.1

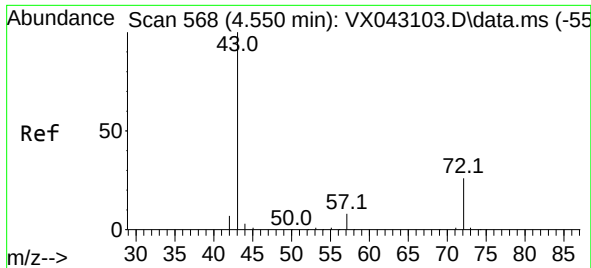


#21
trans-1,2-Dichloroethene
Concen: 0.211 ug/l
RT: 3.093 min Scan# 329
Delta R.T. -0.000 min
Lab File: VX043121.D
Acq: 24 Sep 2024 14:39

Tgt Ion: 96 Resp: 213

Ion	Ratio	Lower	Upper
96	100		
61	125.8	114.5	171.7
98	57.2	53.8	80.6

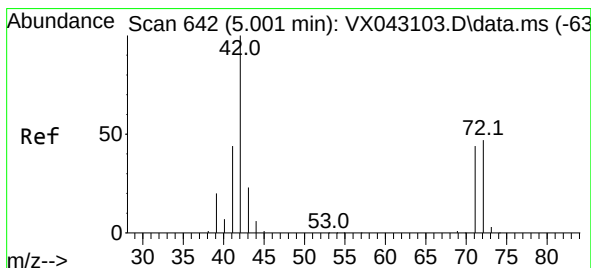
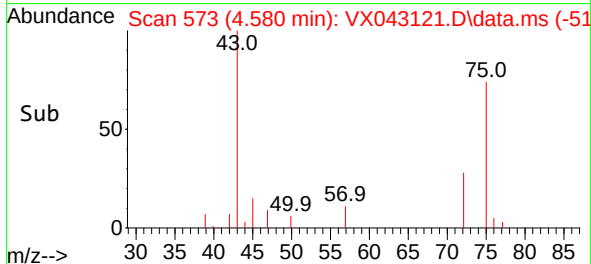
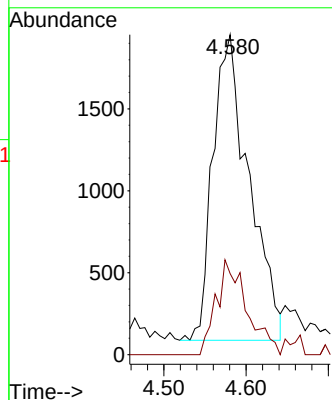
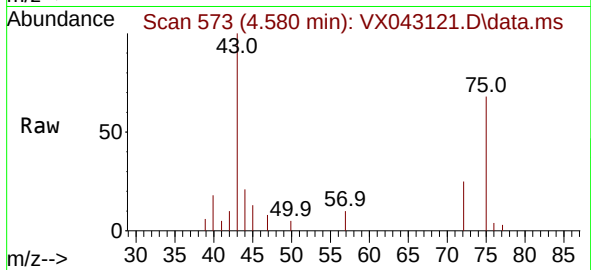




#25
2-Butanone
Concen: 6.168 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.030 min
Lab File: VX043121.D
Acq: 24 Sep 2024 14:39

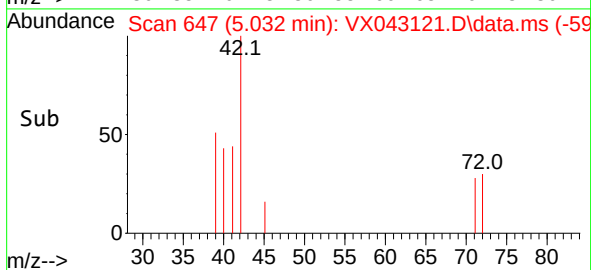
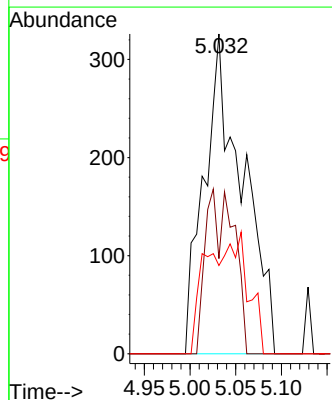
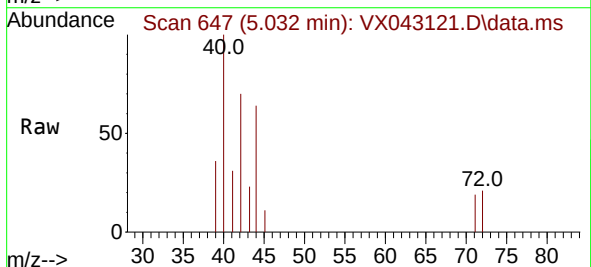
Instrument :
MSVOA_X
ClientSampleId :
PB163627TB

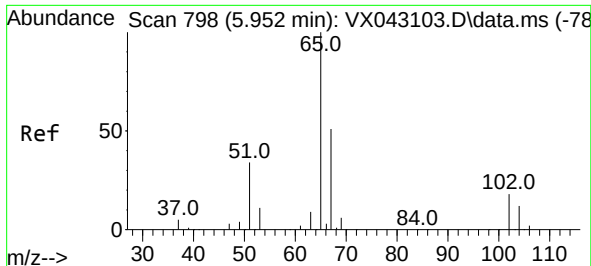
Tgt Ion: 43 Resp: 5697
Ion Ratio Lower Upper
43 100
72 26.5 20.7 31.1



#29
Tetrahydrofuran
Concen: 1.714 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.030 min
Lab File: VX043121.D
Acq: 24 Sep 2024 14:39

Tgt Ion: 42 Resp: 952
Ion Ratio Lower Upper
42 100
72 18.7 37.6 56.4#
71 17.3 34.8 52.2#





#33

1,2-Dichloroethane-d4

Concen: 52.596 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX043121.D

Acq: 24 Sep 2024 14:39

Instrument :

MSVOA_X

ClientSampleId :

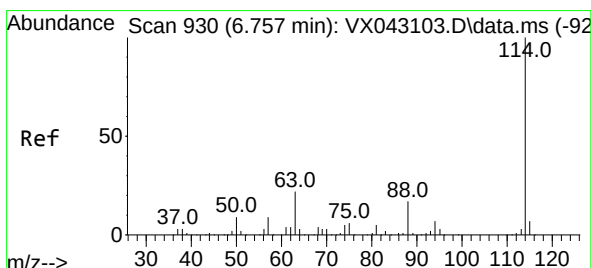
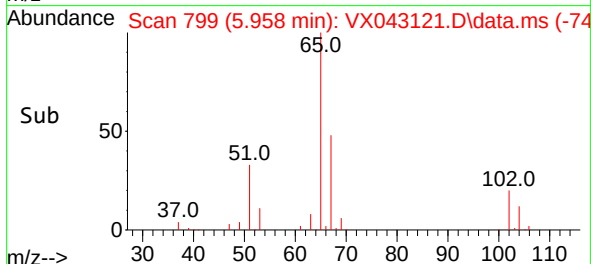
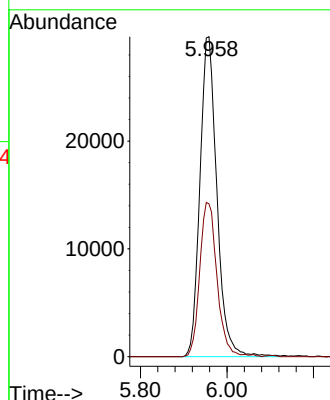
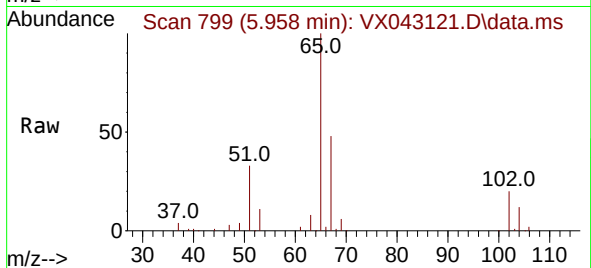
PB163627TB

Tgt Ion: 65 Resp: 80583

Ion Ratio Lower Upper

65 100

67 49.3 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX043121.D

Acq: 24 Sep 2024 14:39

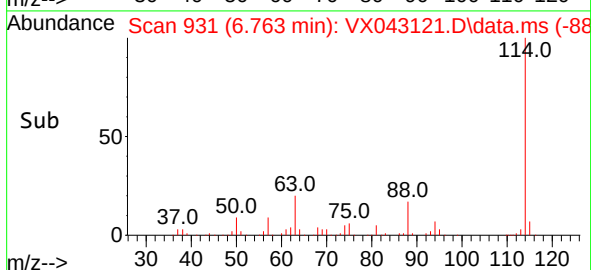
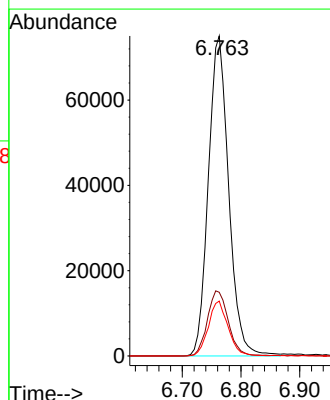
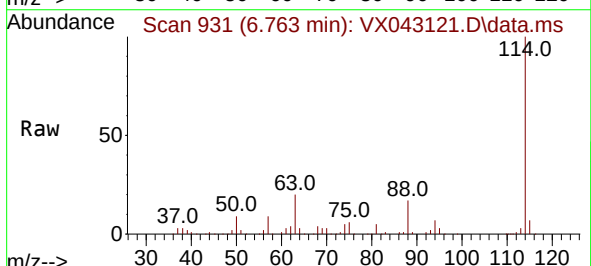
Tgt Ion: 114 Resp: 180360

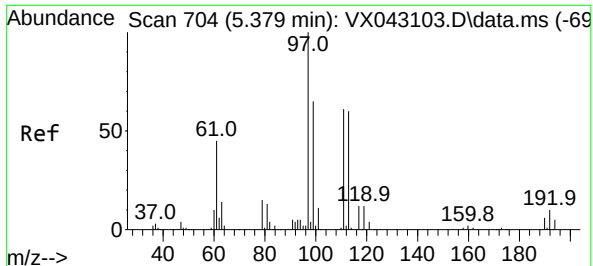
Ion Ratio Lower Upper

114 100

63 19.9 0.0 43.2

88 17.2 0.0 33.4





#35

Dibromofluoromethane

Concen: 48.794 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX043121.D

Acq: 24 Sep 2024 14:39

Instrument :

MSVOA_X

ClientSampleId :

PB163627B

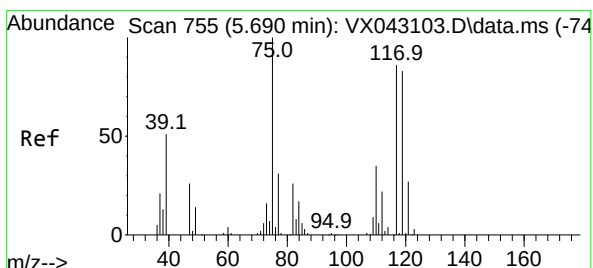
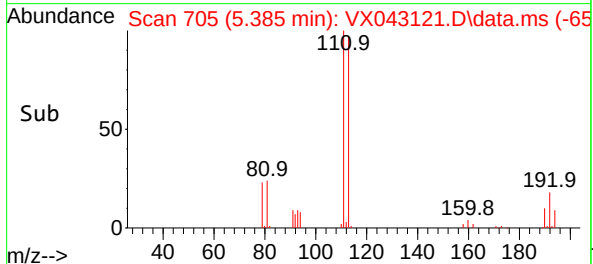
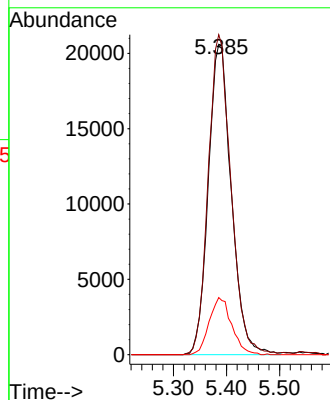
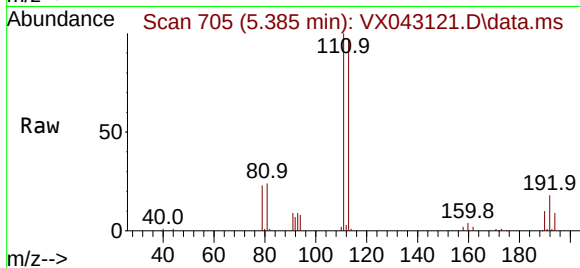
Tgt Ion:113 Resp: 62082

Ion Ratio Lower Upper

113 100

111 101.9 82.6 124.0

192 18.0 14.6 22.0



#36

1,1-Dichloropropene

Concen: 5.037 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX043121.D

Acq: 24 Sep 2024 14:39

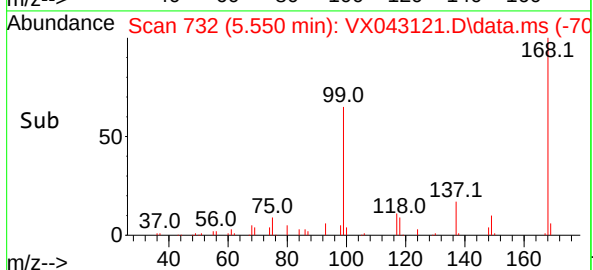
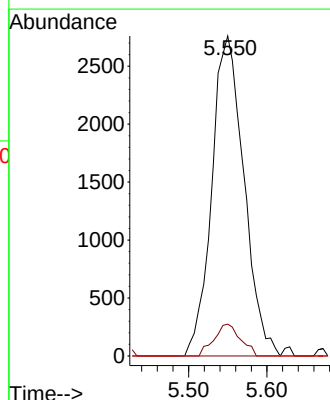
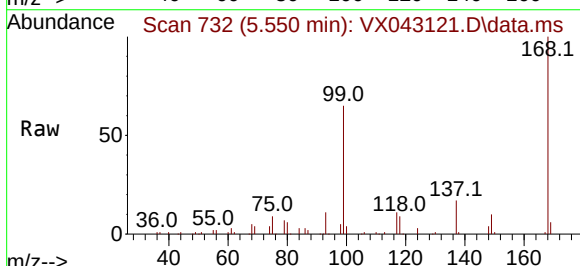
Tgt Ion: 75 Resp: 7874

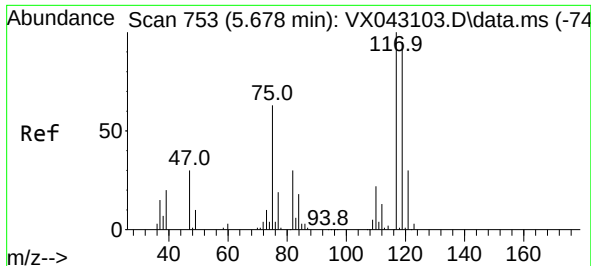
Ion Ratio Lower Upper

75 100

110 8.2 17.8 53.4#

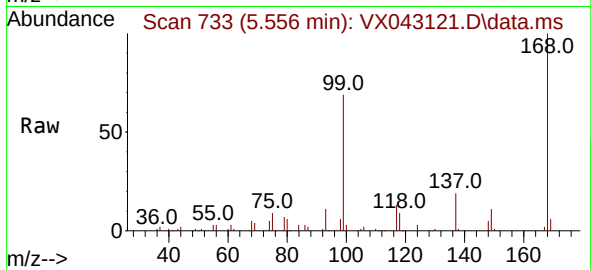
77 0.0 25.2 37.8#



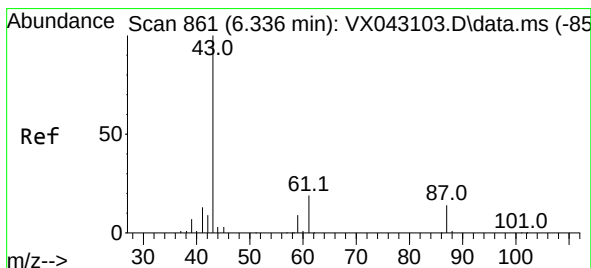
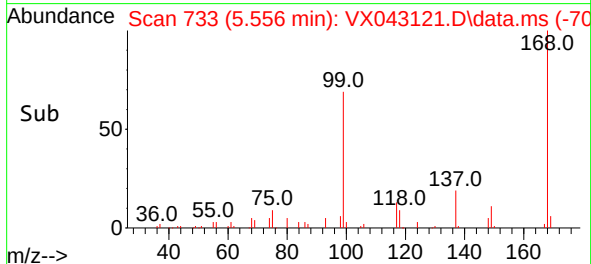
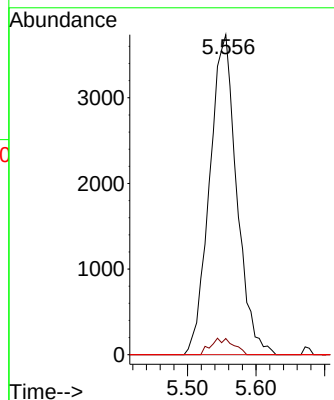


#38
Carbon Tetrachloride
Concen: 5.108 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX043121.D
Acq: 24 Sep 2024 14:39

Instrument :
MSVOA_X
ClientSampleId :
PB163627TB

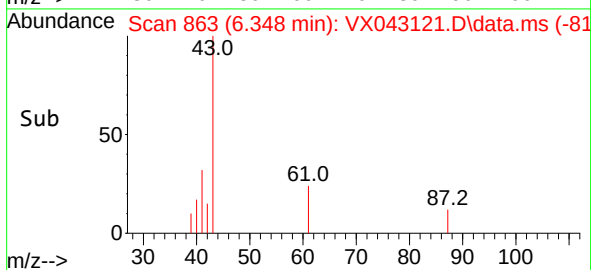
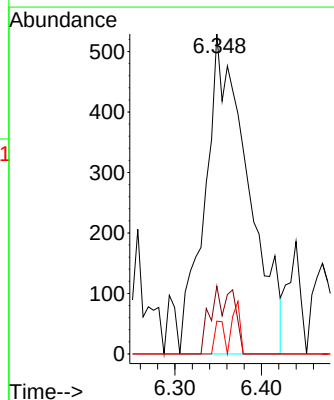
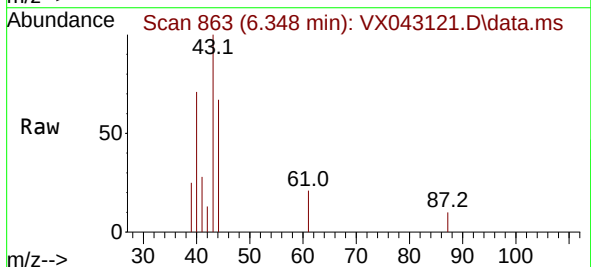


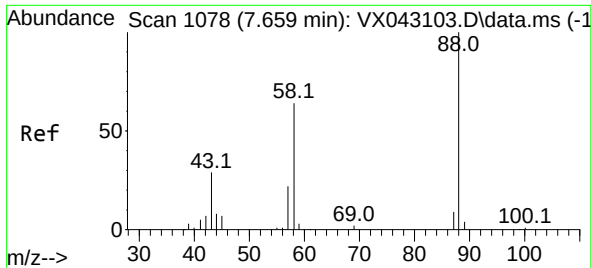
Tgt Ion:117 Resp: 10286
Ion Ratio Lower Upper
117 100
119 5.0 75.5 113.3#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 0.559 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX043121.D
Acq: 24 Sep 2024 14:39

Tgt Ion: 43 Resp: 1833
Ion Ratio Lower Upper
43 100
61 6.1 15.0 22.6#
87 2.1 10.6 16.0#

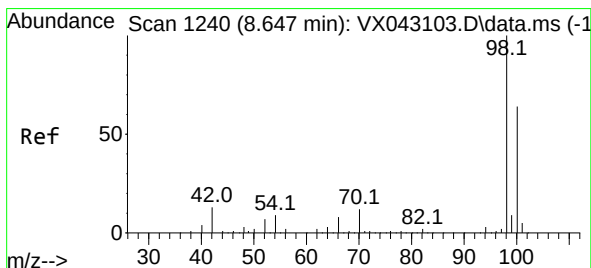
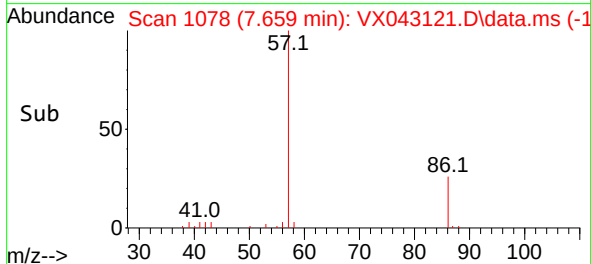
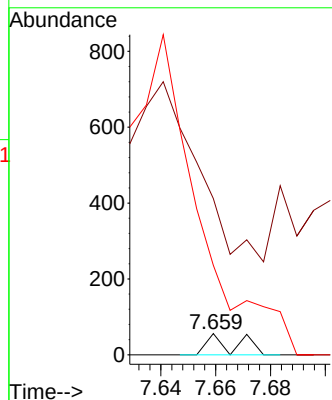
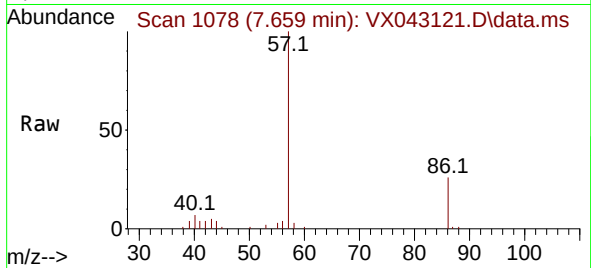




#49
1,4-Dioxane
Concen: 1.315 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX043121.D
Acq: 24 Sep 2024 14:39

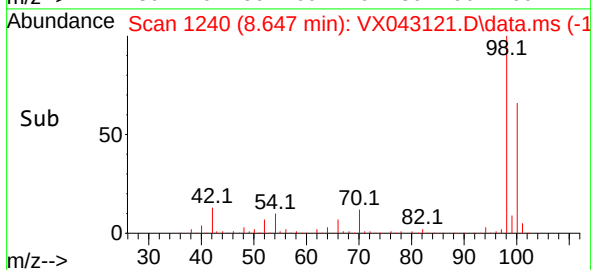
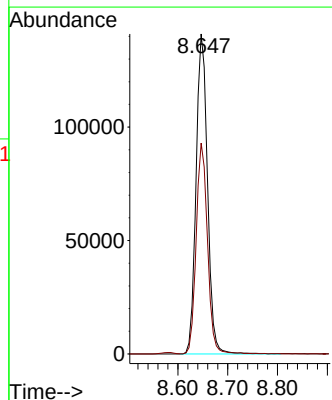
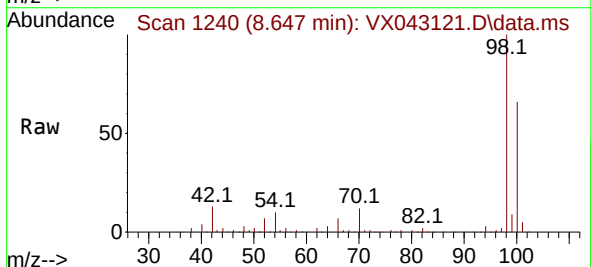
Instrument :
MSVOA_X
ClientSampleId :
PB163627TB

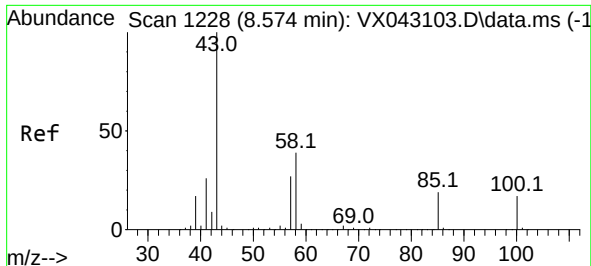
Tgt Ion: 88 Resp: 40
Ion Ratio Lower Upper
88 100
43 2642.5 29.5 44.3#
58 3875.0 52.5 78.7#



#50
Toluene-d8
Concen: 52.140 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX043121.D
Acq: 24 Sep 2024 14:39

Tgt Ion: 98 Resp: 224440
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 3.470 ug/l

RT: 8.580 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX043121.D

Acq: 24 Sep 2024 14:39

Instrument :

MSVOA_X

ClientSampleId :

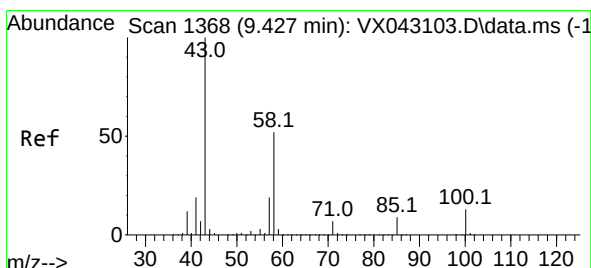
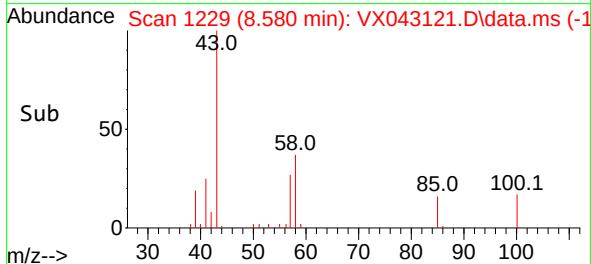
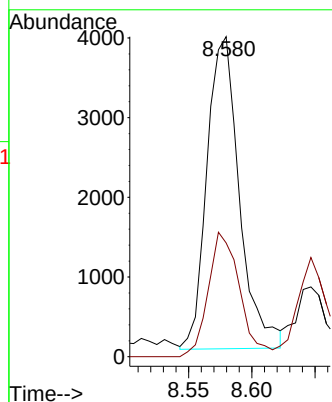
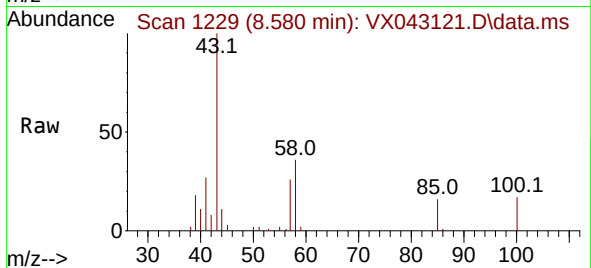
PB163627TB

Tgt Ion: 43 Resp: 6993

Ion Ratio Lower Upper

43 100

58 38.5 30.3 45.5



#59

2-Hexanone

Concen: 39.079 ug/l

RT: 9.372 min Scan# 1359

Delta R.T. -0.055 min

Lab File: VX043121.D

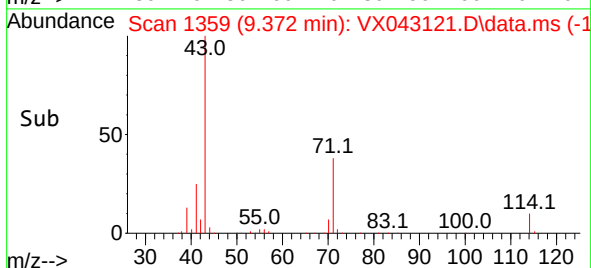
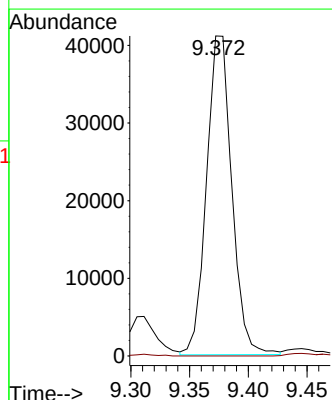
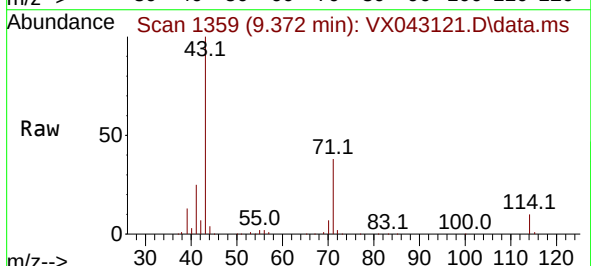
Acq: 24 Sep 2024 14:39

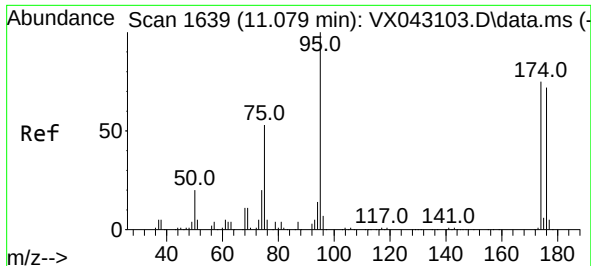
Tgt Ion: 43 Resp: 61572

Ion Ratio Lower Upper

43 100

58 0.0 26.1 78.2#





#62

4-Bromofluorobenzene

Concen: 53.681 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX043121.D

Acq: 24 Sep 2024 14:39

Instrument :

MSVOA_X

ClientSampleId :

PB163627TB

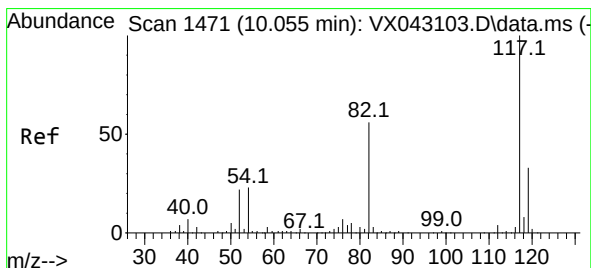
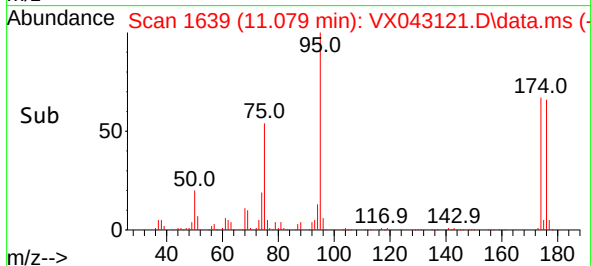
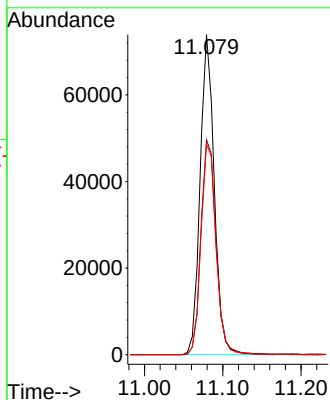
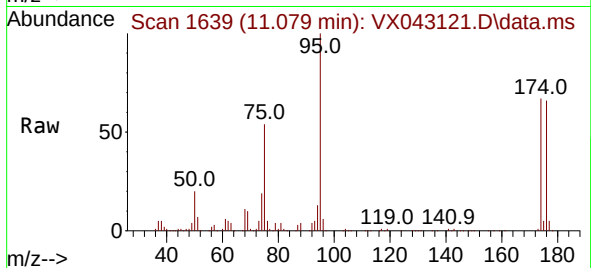
Tgt Ion: 95 Resp: 93055

Ion Ratio Lower Upper

95 100

174 71.4 0.0 146.0

176 69.6 0.0 142.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX043121.D

Acq: 24 Sep 2024 14:39

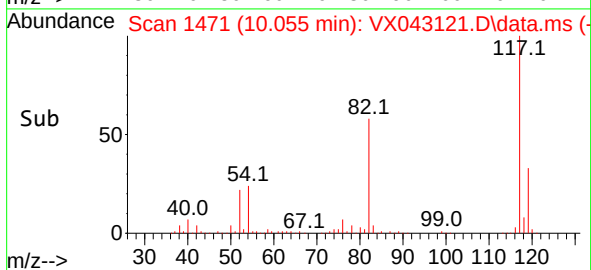
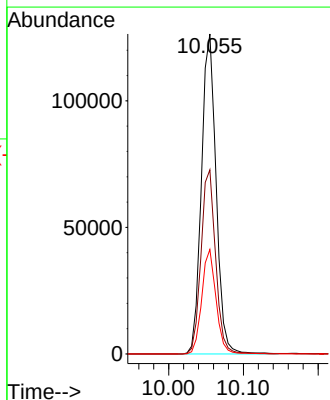
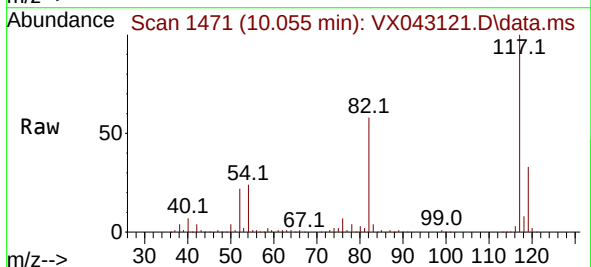
Tgt Ion: 117 Resp: 172332

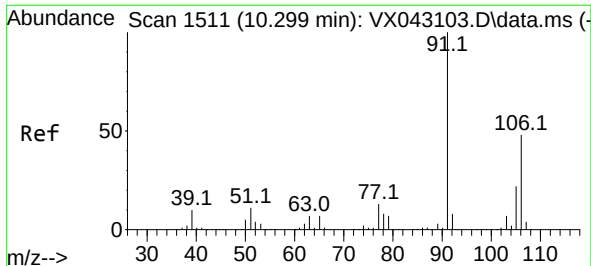
Ion Ratio Lower Upper

117 100

82 57.6 44.7 67.1

119 32.7 26.3 39.5

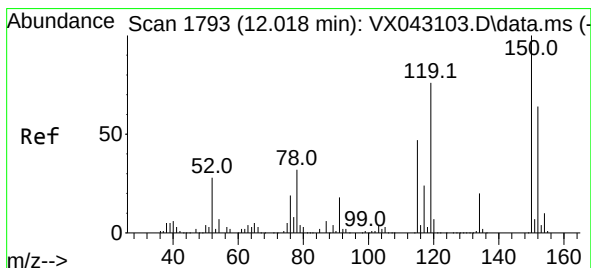
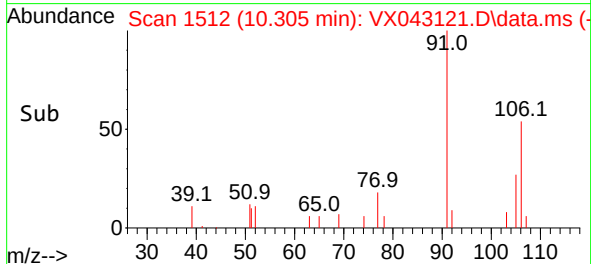
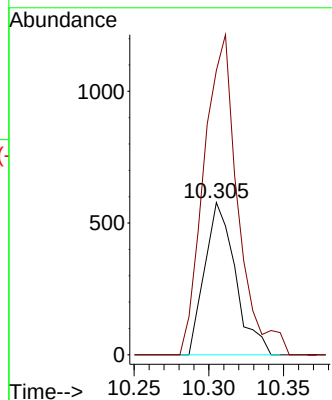
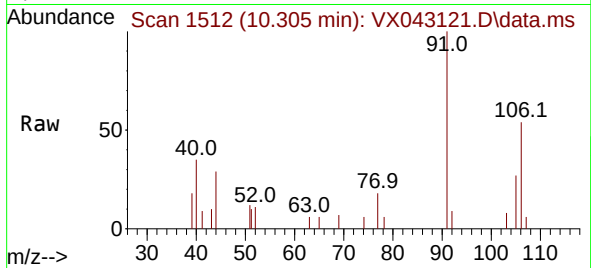




#68
m/p-Xylenes
Concen: 0.344 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX043121.D
Acq: 24 Sep 2024 14:39

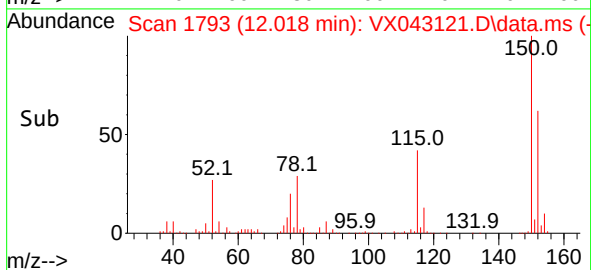
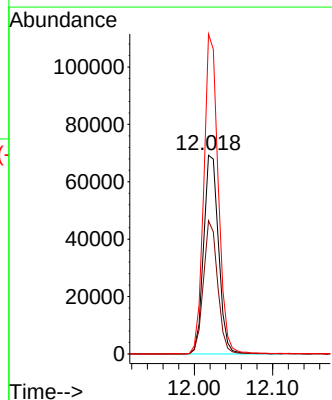
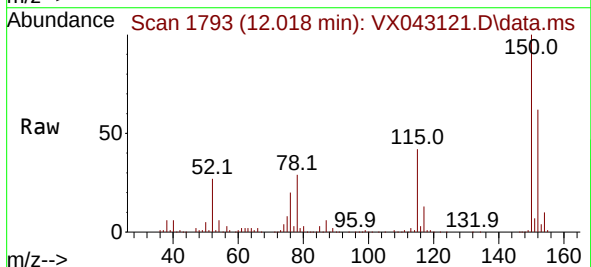
Instrument :
MSVOA_X
ClientSampleId :
PB163627TB

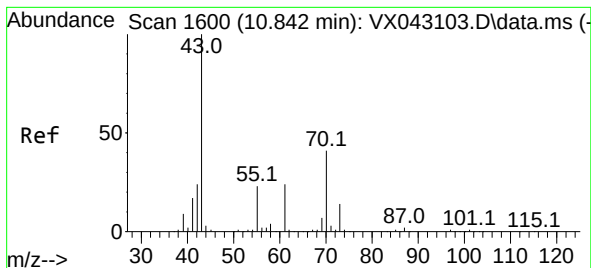
Tgt Ion:106 Resp: 823
Ion Ratio Lower Upper
106 100
91 232.9 167.5 251.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX043121.D
Acq: 24 Sep 2024 14:39

Tgt Ion:152 Resp: 91350
Ion Ratio Lower Upper
152 100
115 64.2 43.7 131.1
150 156.2 0.0 344.6





#74

N-amy1 acetate

Concen: 0.200 ug/l

RT: 10.854 min Scan# 1

Delta R.T. 0.012 min

Lab File: VX043121.D

Acq: 24 Sep 2024 14:39

Instrument :

MSVOA_X

ClientSampleId :

PB163627TB

Tgt Ion: 43 Resp: 645

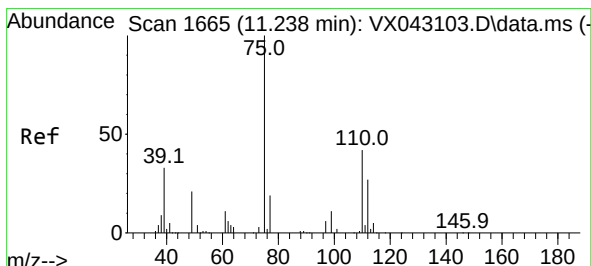
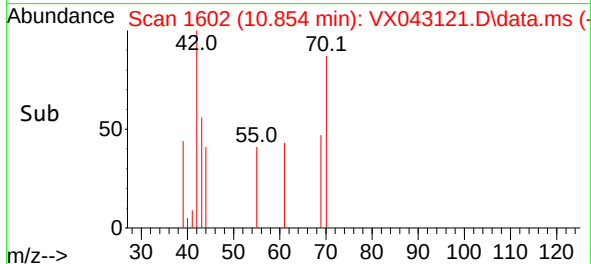
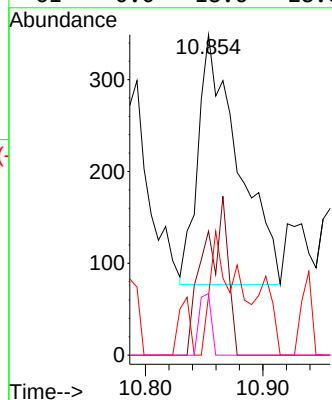
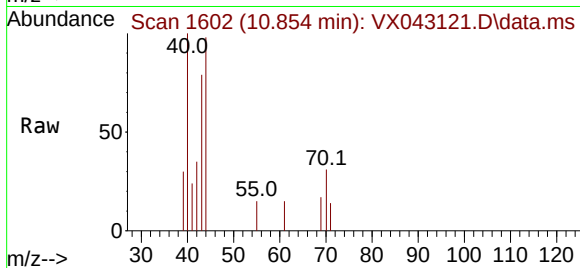
Ion Ratio Lower Upper

43 100

70 37.2 32.5 48.7

55 31.9 18.2 27.4#

61 0.0 18.6 28.0#



#76

1,2,3-Trichloropropane

Concen: 26.094 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX043121.D

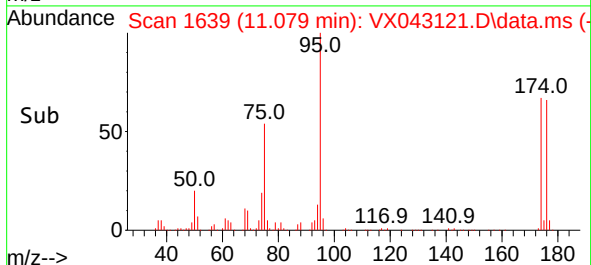
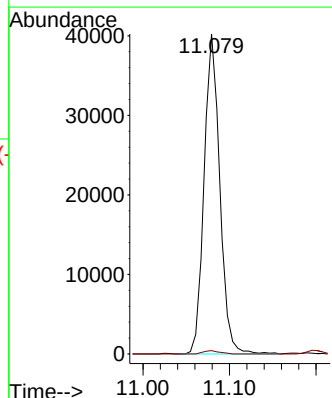
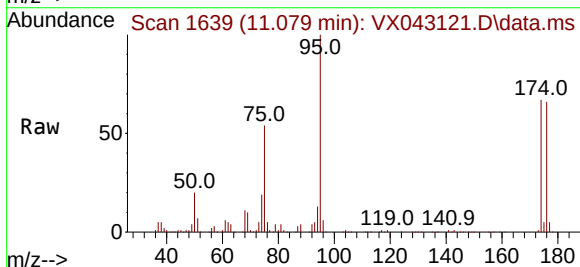
Acq: 24 Sep 2024 14:39

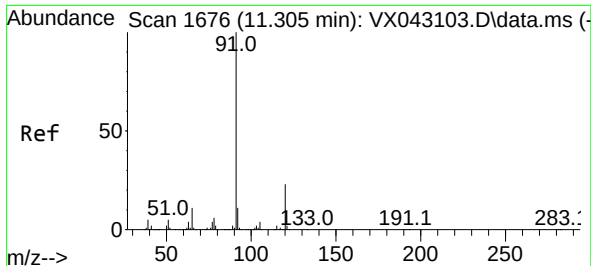
Tgt Ion: 75 Resp: 50678

Ion Ratio Lower Upper

75 100

77 1.1 21.9 65.7#

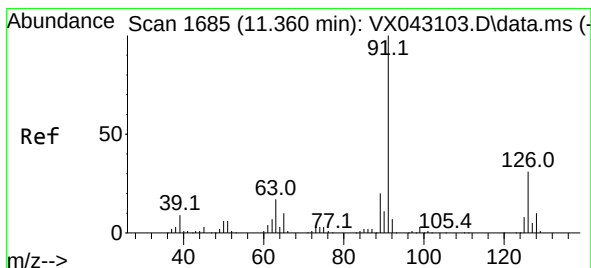
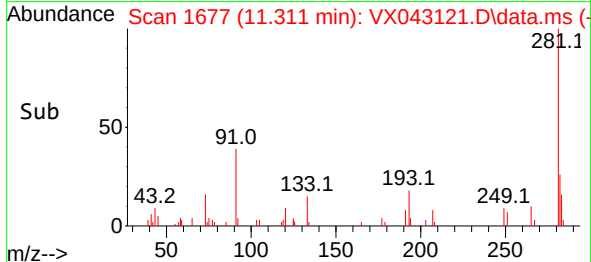
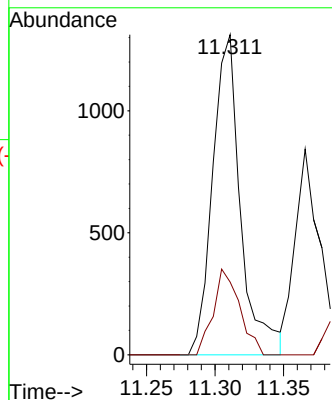
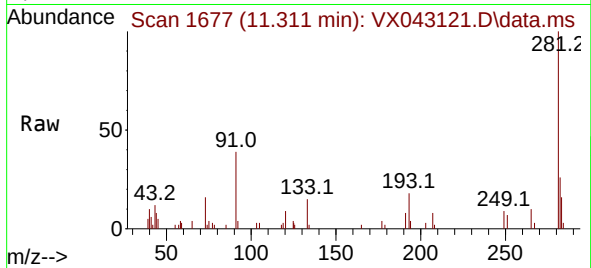




#78
n-propylbenzene
Concen: 0.239 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VX043121.D
Acq: 24 Sep 2024 14:39

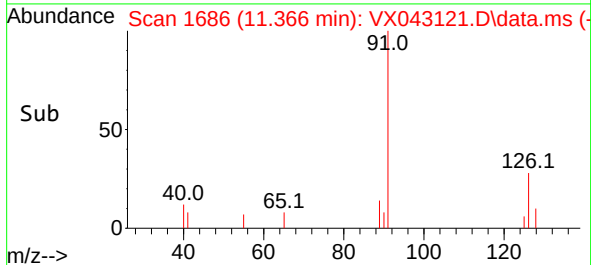
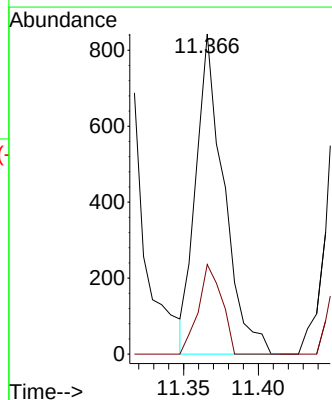
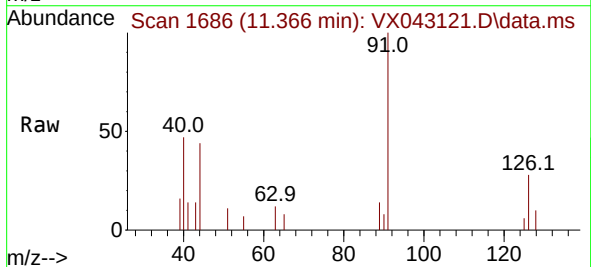
Instrument :
MSVOA_X
ClientSampleId :
PB163627TB

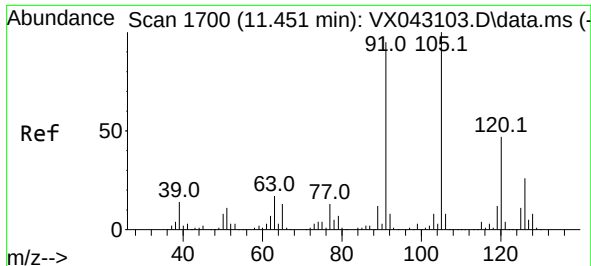
Tgt Ion: 91 Resp: 1858
Ion Ratio Lower Upper
91 100
120 25.2 11.5 34.5



#79
2-Chlorotoluene
Concen: 0.225 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VX043121.D
Acq: 24 Sep 2024 14:39

Tgt Ion: 91 Resp: 1096
Ion Ratio Lower Upper
91 100
126 23.4 16.4 49.1

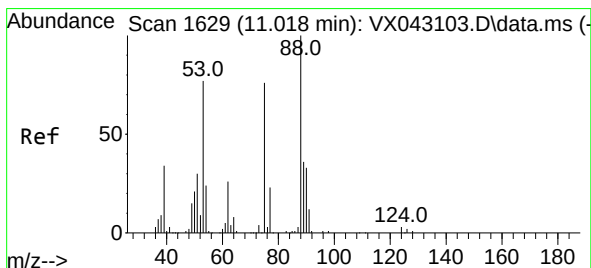
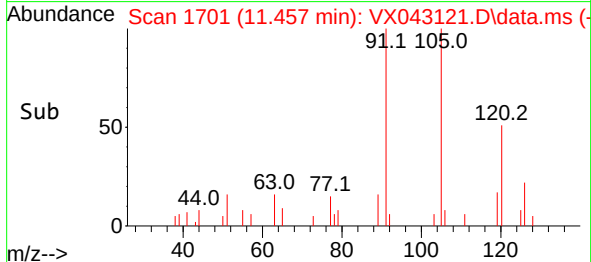
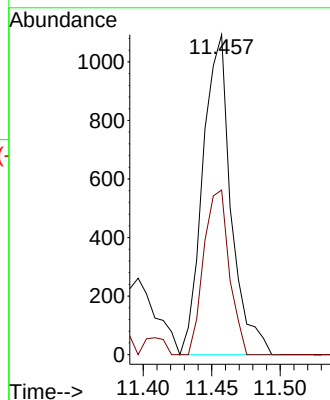
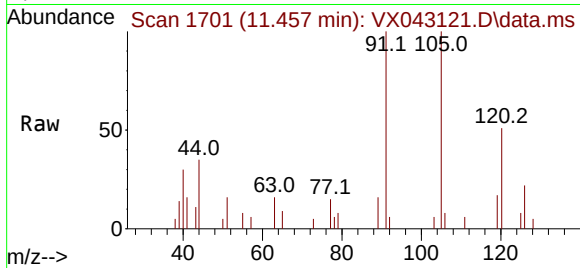




#80
1,3,5-Trimethylbenzene
Concen: 0.276 ug/l
RT: 11.457 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX043121.D
Acq: 24 Sep 2024 14:39

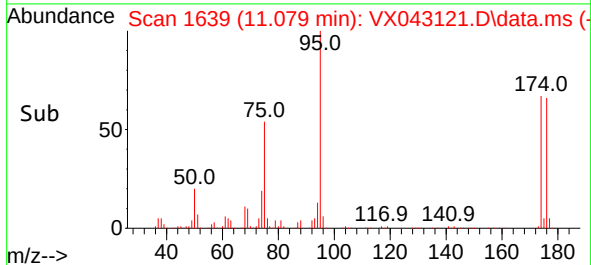
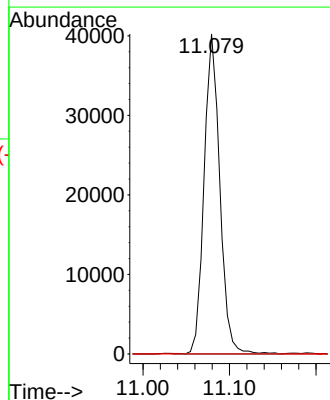
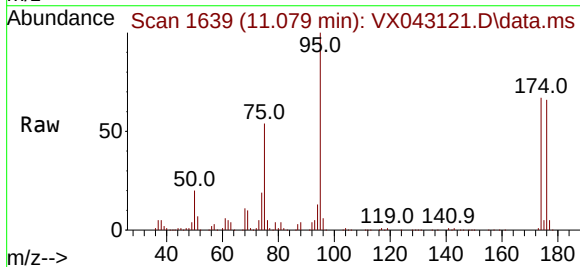
Instrument :
MSVOA_X
ClientSampleId :
PB163627TB

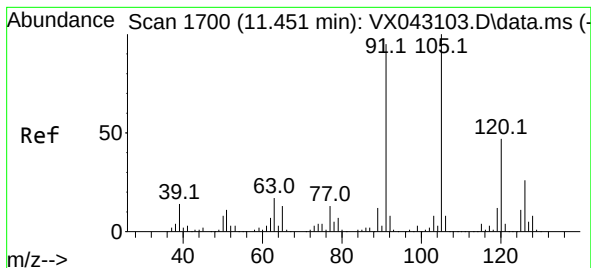
Tgt Ion:105 Resp: 1566
Ion Ratio Lower Upper
105 100
120 46.3 23.5 70.5



#81
trans-1,4-Dichloro-2-butene
Concen: 62.170 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043121.D
Acq: 24 Sep 2024 14:39

Tgt Ion: 75 Resp: 50678
Ion Ratio Lower Upper
75 100
53 0.0 85.4 128.2#
89 0.0 38.8 58.2#

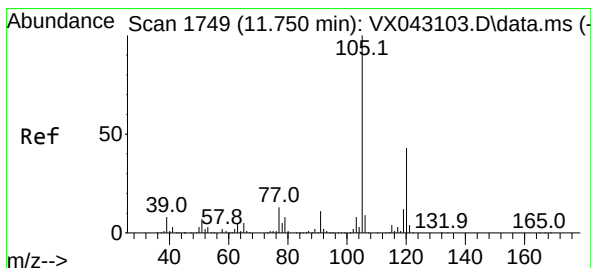
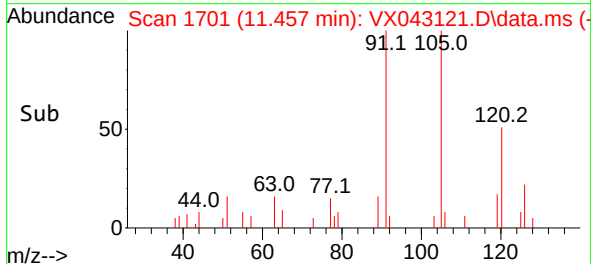
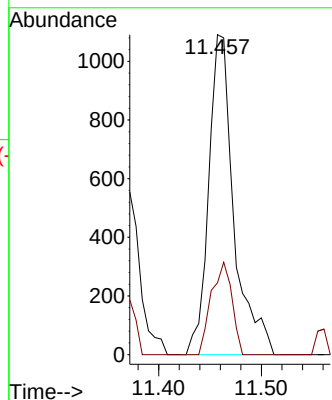
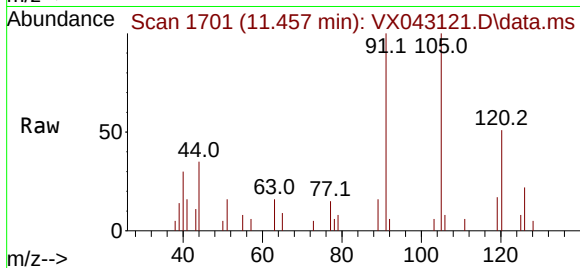




#82
4-Chlorotoluene
Concen: 0.334 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX043121.D
Acq: 24 Sep 2024 14:39

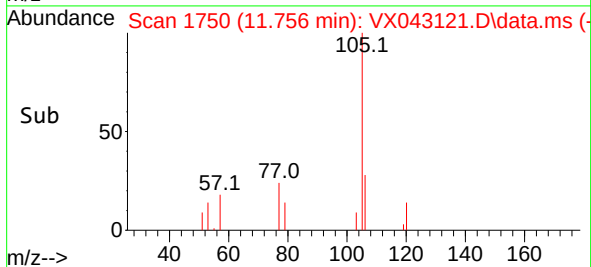
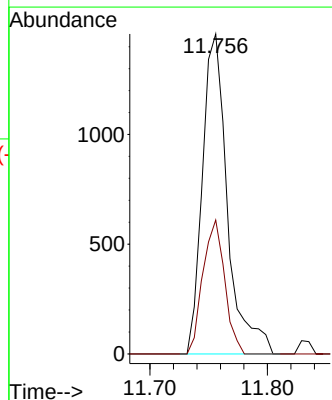
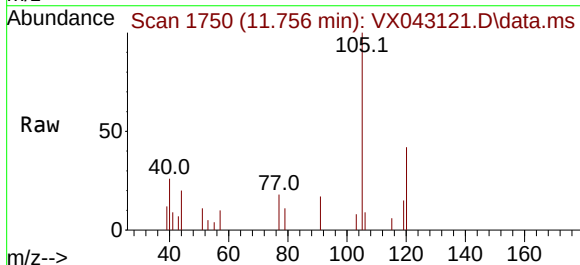
Instrument :
MSVOA_X
ClientSampleId :
PB163627TB

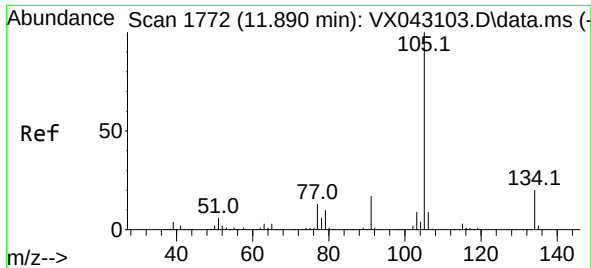
Tgt Ion: 91 Resp: 1859
Ion Ratio Lower Upper
91 100
126 23.5 14.1 42.4



#84
1,2,4-Trimethylbenzene
Concen: 0.383 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX043121.D
Acq: 24 Sep 2024 14:39

Tgt Ion: 105 Resp: 2159
Ion Ratio Lower Upper
105 100
120 36.3 21.8 65.4

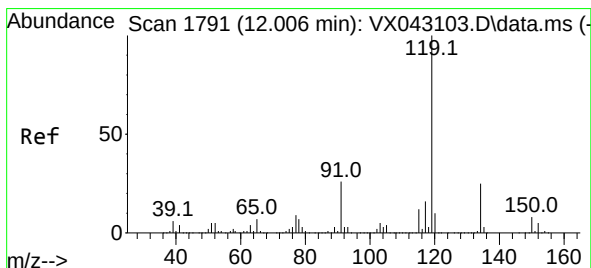
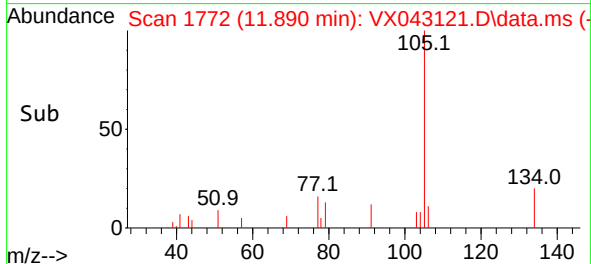
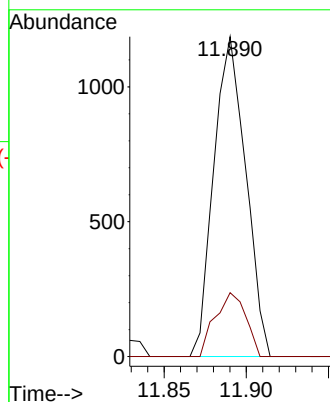
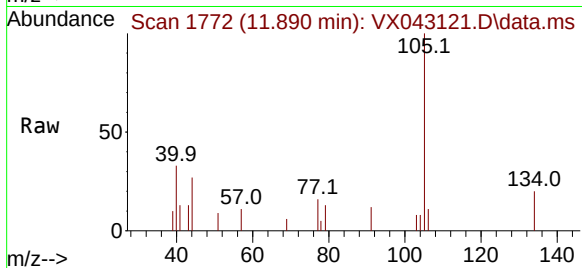




#85
 sec-Butylbenzene
 Concen: 0.224 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX043121.D
 Acq: 24 Sep 2024 14:39

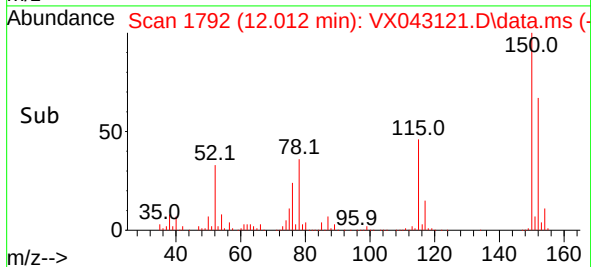
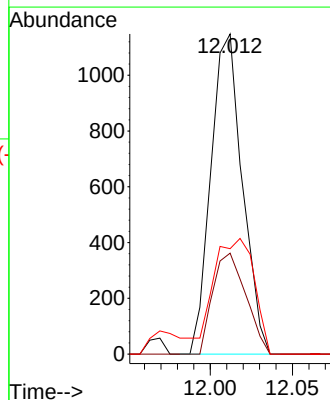
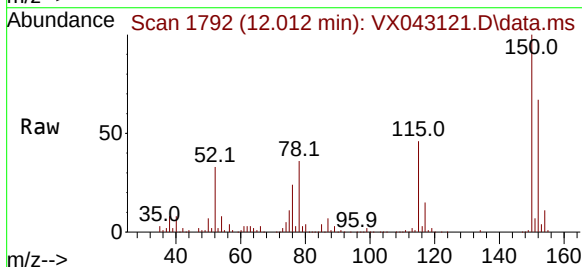
Instrument :
 MSVOA_X
 ClientSampleId :
 PB163627TB

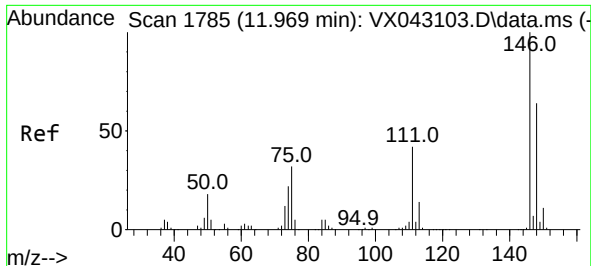
Tgt Ion:105 Resp: 1605
 Ion Ratio Lower Upper
 105 100
 134 19.1 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 0.257 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX043121.D
 Acq: 24 Sep 2024 14:39

Tgt Ion:119 Resp: 1529
 Ion Ratio Lower Upper
 119 100
 134 33.1 12.9 38.6
 91 47.0 13.3 39.8#





#87

1,3-Dichlorobenzene

Concen: 0.357 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX043121.D

Acq: 24 Sep 2024 14:39

Instrument :

MSVOA_X

ClientSampleId :

PB163627TB

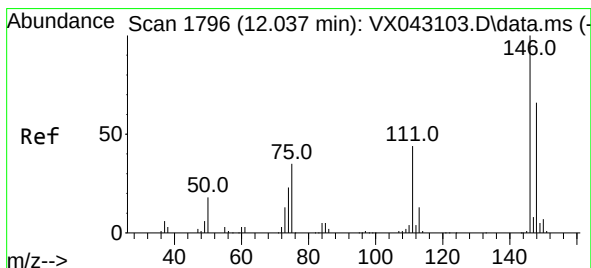
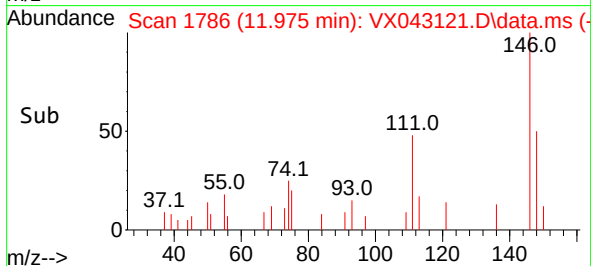
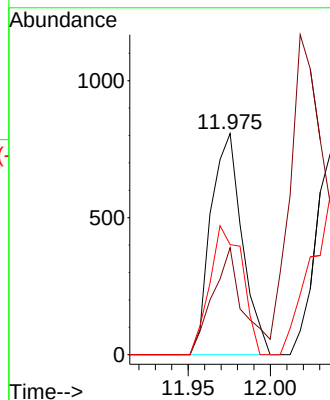
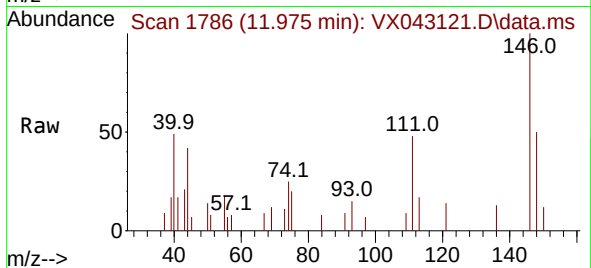
Tgt Ion:146 Resp: 1070

Ion Ratio Lower Upper

146 100

111 47.9 21.6 64.6

148 60.7 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 0.356 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. -0.061 min

Lab File: VX043121.D

Acq: 24 Sep 2024 14:39

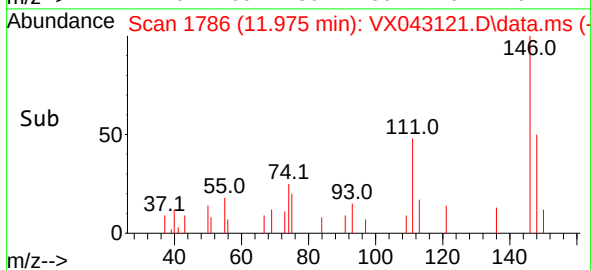
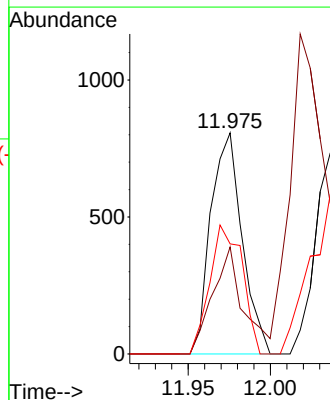
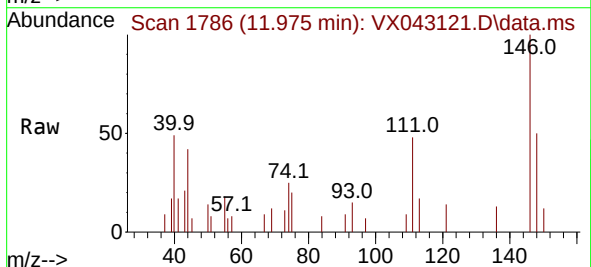
Tgt Ion:146 Resp: 1070

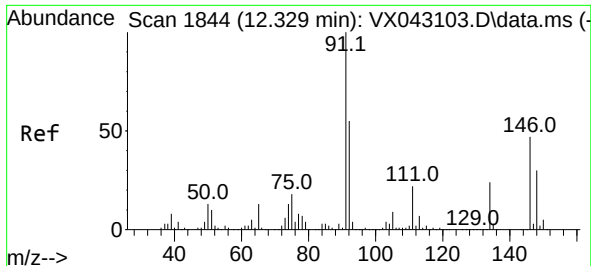
Ion Ratio Lower Upper

146 100

111 47.9 21.2 63.6

148 60.7 32.6 98.0





#89

n-Butylbenzene

Concen: 0.486 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX043121.D

Acq: 24 Sep 2024 14:39

Instrument :

MSVOA_X

ClientSampleId :

PB163627TB

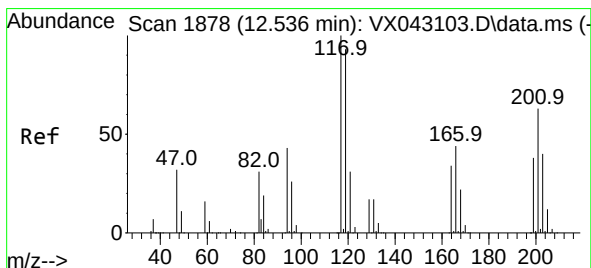
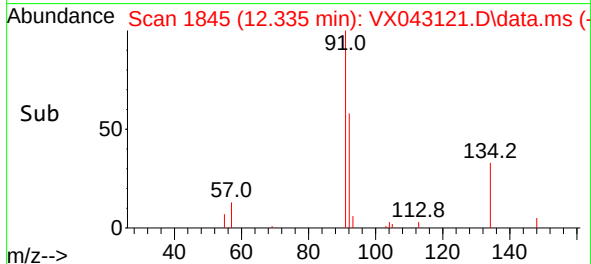
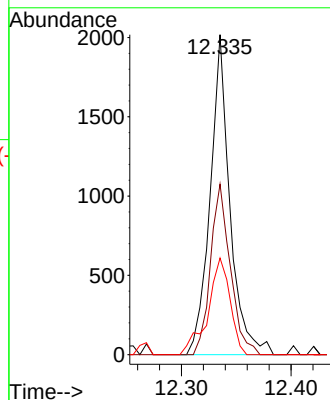
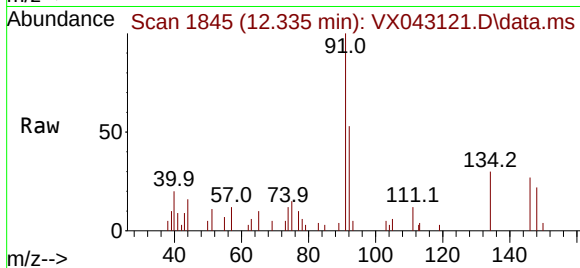
Tgt Ion: 91 Resp: 2525

Ion Ratio Lower Upper

91 100

92 53.4 26.9 80.7

134 33.7 12.6 37.6



#90

Hexachloroethane

Concen: 0.211 ug/l

RT: 12.542 min Scan# 1879

Delta R.T. 0.006 min

Lab File: VX043121.D

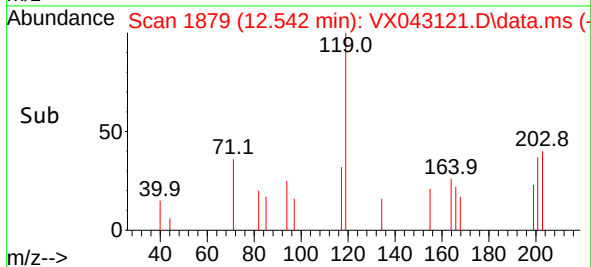
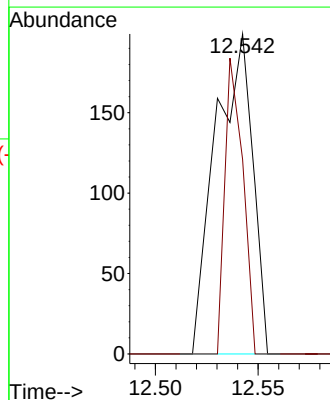
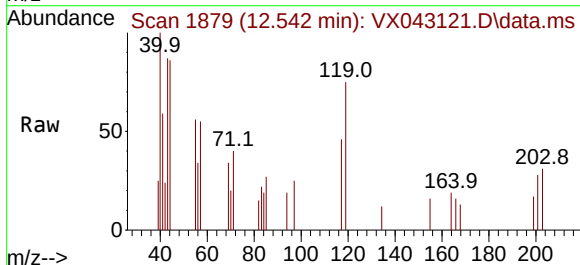
Acq: 24 Sep 2024 14:39

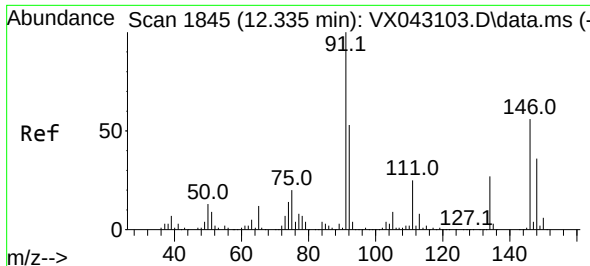
Tgt Ion: 117 Resp: 251

Ion Ratio Lower Upper

117 100

201 44.6 32.9 98.6

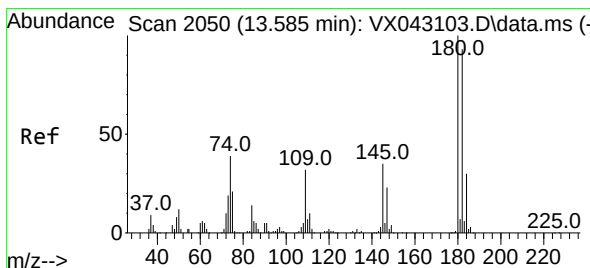
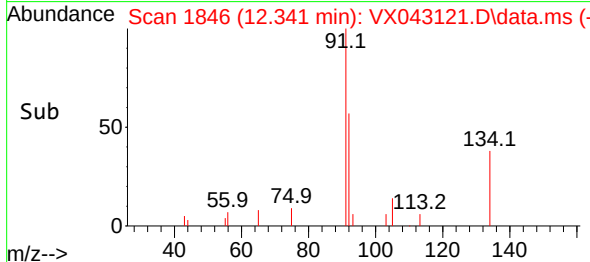
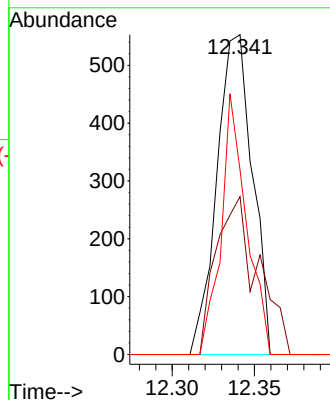
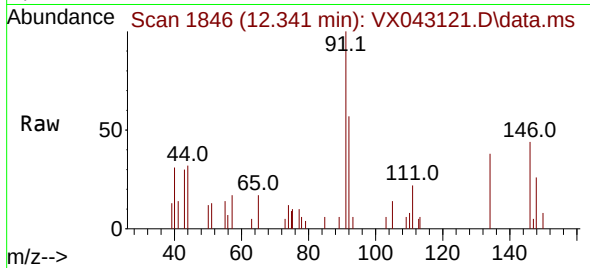




#91
1,2-Dichlorobenzene
Concen: 0.282 ug/l
RT: 12.341 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX043121.D
Acq: 24 Sep 2024 14:39

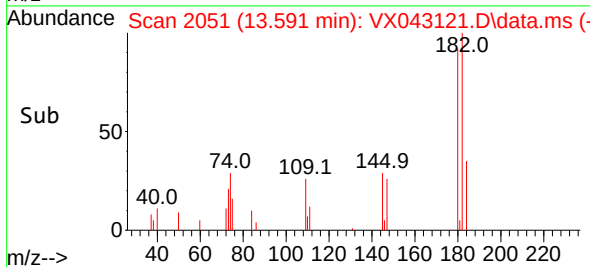
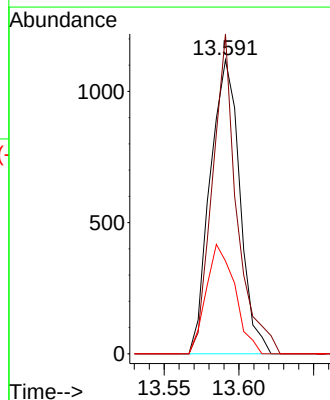
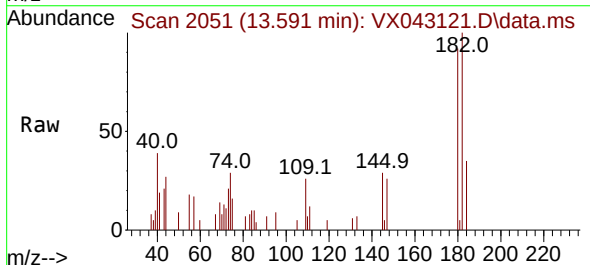
Instrument :
MSVOA_X
ClientSampleId :
PB163627TB

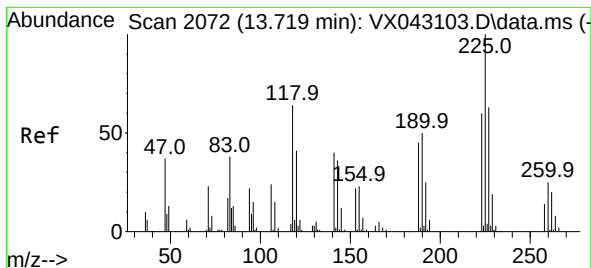
Tgt Ion:146 Resp: 832
Ion Ratio Lower Upper
146 100
111 58.1 22.6 67.8
148 57.8 32.0 96.2



#93
1,2,4-Trichlorobenzene
Concen: 0.846 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX043121.D
Acq: 24 Sep 2024 14:39

Tgt Ion:180 Resp: 1549
Ion Ratio Lower Upper
180 100
182 89.5 46.7 140.0
145 36.2 17.0 50.9





#94

Hexachlorobutadiene

Concen: 0.763 ug/l

RT: 13.725 min Scan# 2072

Delta R.T. 0.006 min

Lab File: VX043121.D

Acq: 24 Sep 2024 14:39

Instrument :

MSVOA_X

ClientSampleId :

PB163627TB

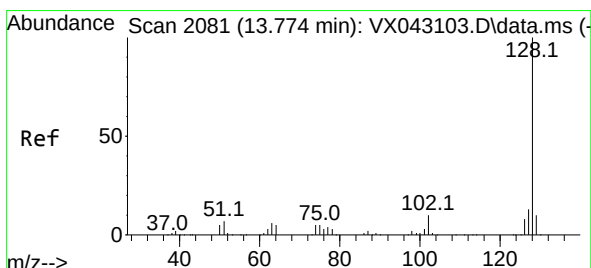
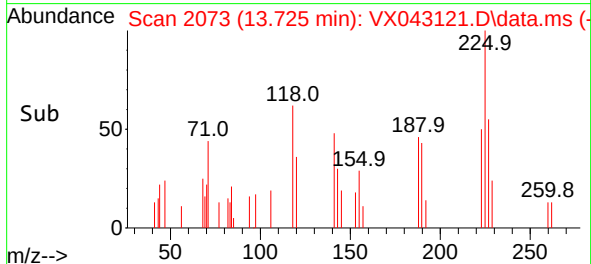
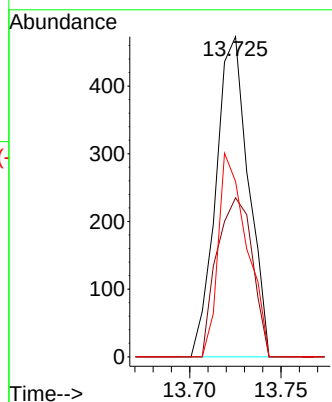
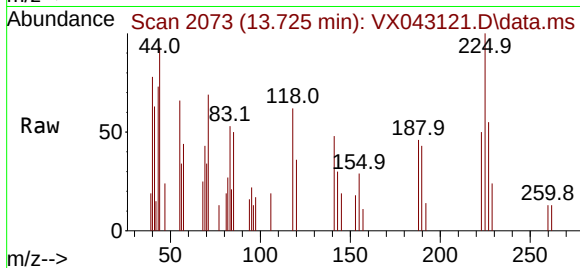
Tgt Ion:225 Resp: 587

Ion Ratio Lower Upper

225 100

223 54.0 31.8 95.4

227 55.7 31.9 95.7



#95

Naphthalene

Concen: 0.896 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX043121.D

Acq: 24 Sep 2024 14:39

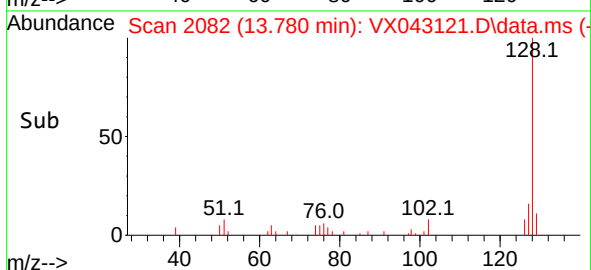
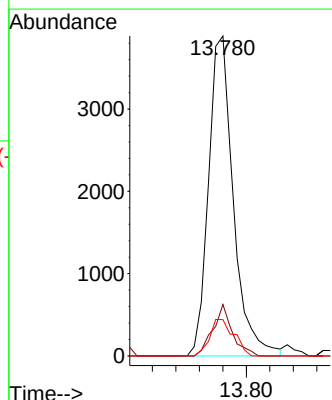
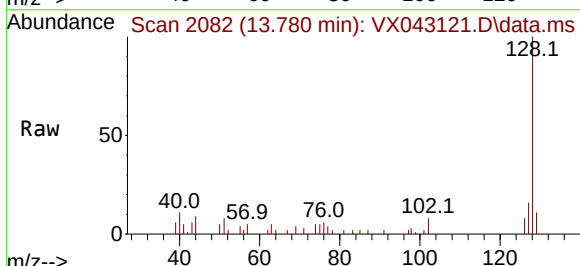
Tgt Ion:128 Resp: 5701

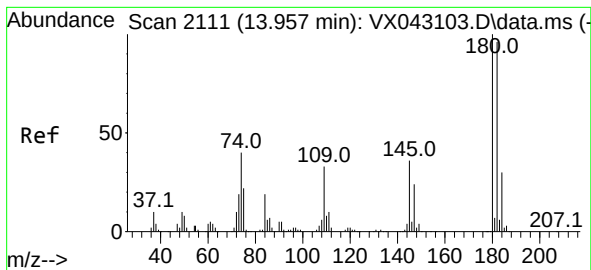
Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.4

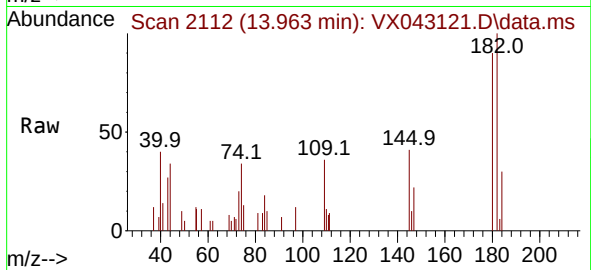
129 11.1 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.737 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.006 min
 Lab File: VX043121.D
 Acq: 24 Sep 2024 14:39

Instrument :
 MSVOA_X
 ClientSampleId :
 PB163627TB



Tgt Ion:	180	Resp:	1341
Ion	Ratio	Lower	Upper
180	100		
182	100.9	47.8	143.4
145	40.9	17.7	53.1

