

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060624\
 Data File : VX041771.D
 Acq On : 06 Jun 2024 12:47
 Operator : JC/MD
 Sample : P2749-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SY-12D

Quant Time: Jun 07 00:59:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 30 07:36:24 2024
 Response via : Initial Calibration

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

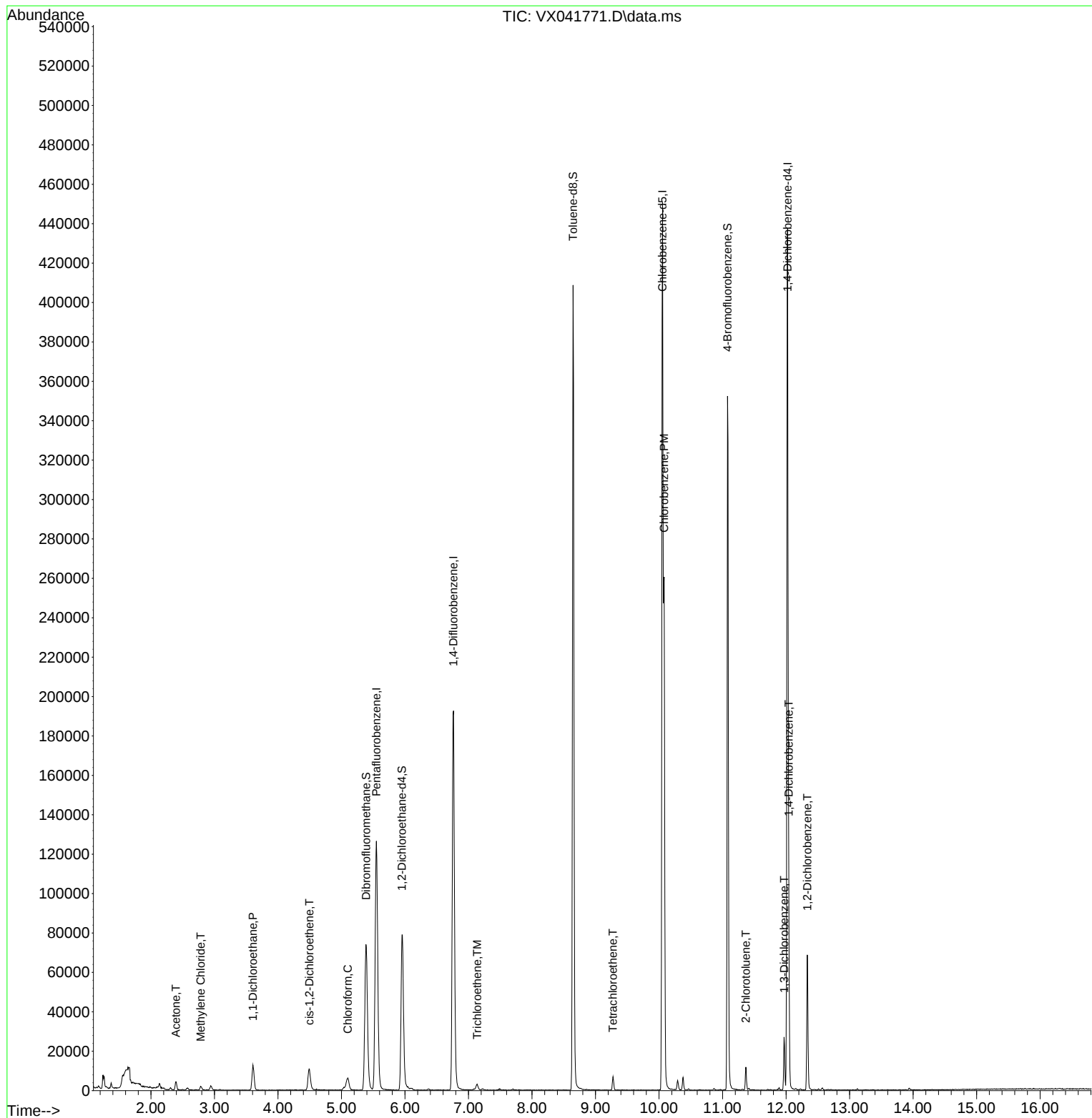
Internal Standards						
1) Pentafluorobenzene	5.550	168	133041	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	207496	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	202571	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99501	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	80216	49.161	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.320%
35) Dibromofluoromethane	5.385	113	65123	45.394	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.780%
50) Toluene-d8	8.647	98	243831	48.642	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.280%
62) 4-Bromofluorobenzene	11.079	95	91492	49.453	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.900%
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	4225	3.208	ug/l	99
20) Methylene Chloride	2.782	84	1075	0.736	ug/l	88
24) 1,1-Dichloroethane	3.605	63	14549	6.453	ug/l	93
27) cis-1,2-Dichloroethene	4.495	96	7339	4.990	ug/l	83
30) Chloroform	5.099	83	7948	3.358	ug/l	94
44) Trichloroethene	7.135	130	1418	0.960	ug/l	96
64) Tetrachloroethene	9.275	164	1270	0.836	ug/l	88
65) Chlorobenzene	10.079	112	114777	26.401	ug/l	98
79) 2-Chlorotoluene	11.366	91	5791	1.329	ug/l	92
87) 1,3-Dichlorobenzene	11.969	146	9332	2.868	ug/l	94
88) 1,4-Dichlorobenzene	12.043	146	33434	9.969	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	23598	7.120	ug/l	95

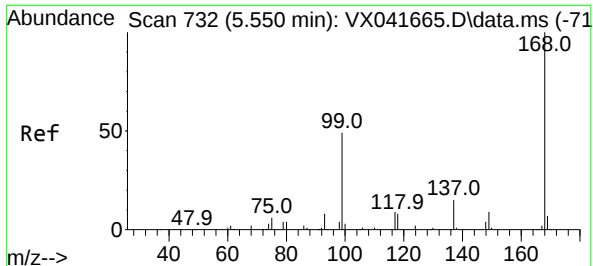
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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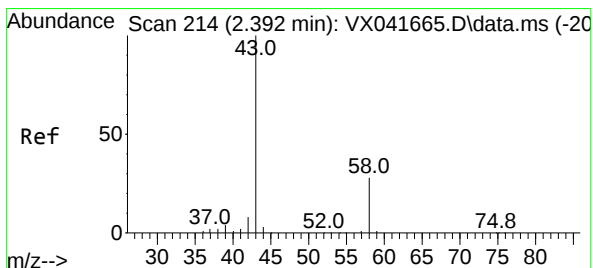
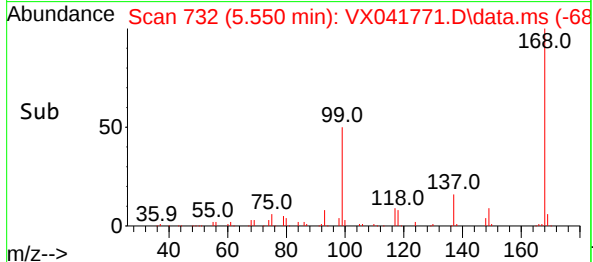
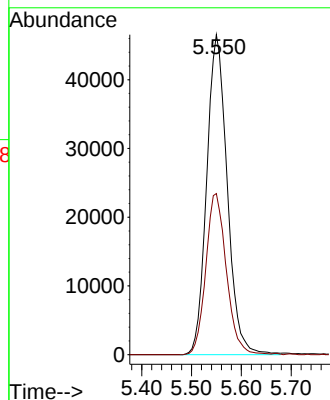
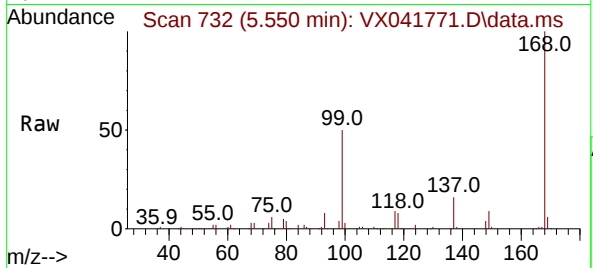




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041771.D
Acq: 06 Jun 2024 12:47

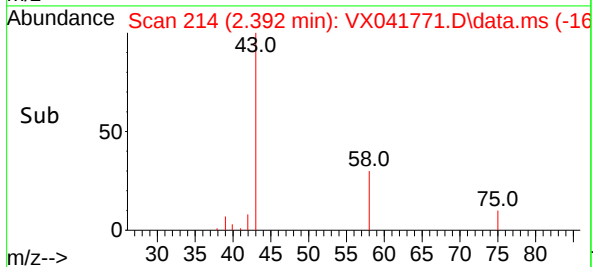
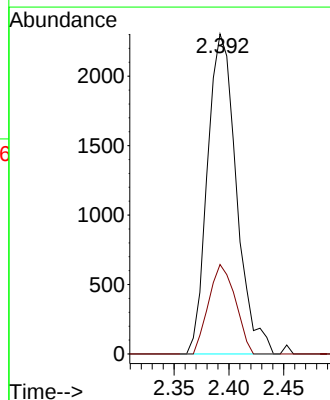
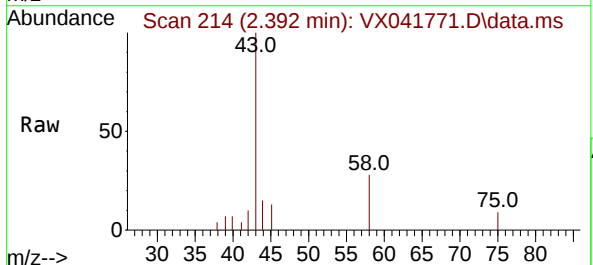
Instrument :
MSVOA_X
ClientSampleId :
SY-12D

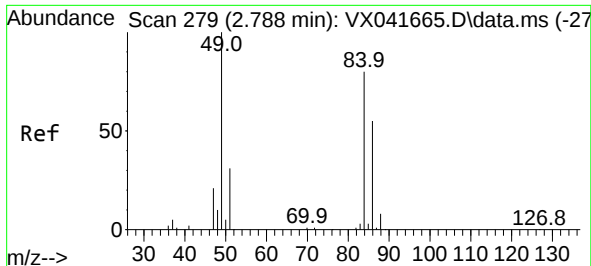
Tgt Ion:168 Resp: 133041
Ion Ratio Lower Upper
168 100
99 50.4 56.6 85.0#



#16
Acetone
Concen: 3.208 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041771.D
Acq: 06 Jun 2024 12:47

Tgt Ion: 43 Resp: 4225
Ion Ratio Lower Upper
43 100
58 28.0 21.9 32.9

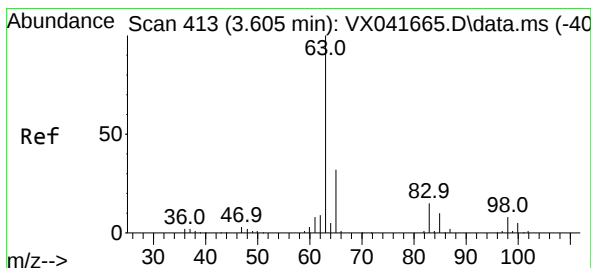
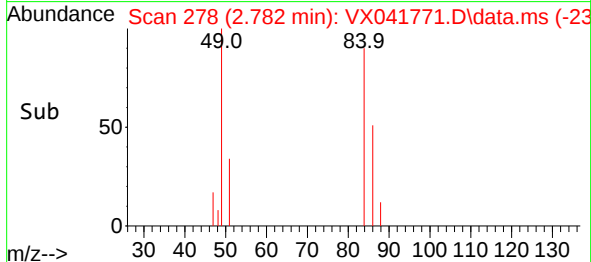
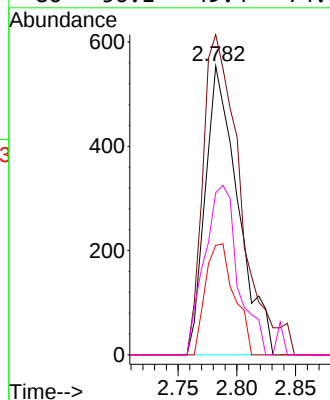
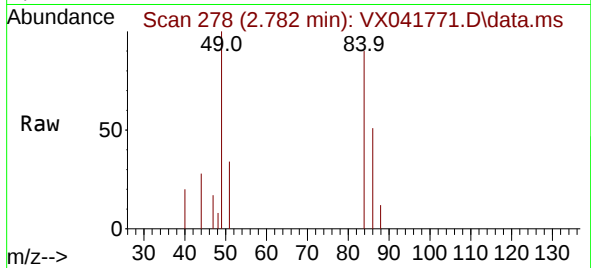




#20
Methylene Chloride
Concen: 0.736 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX041771.D
Acq: 06 Jun 2024 12:47

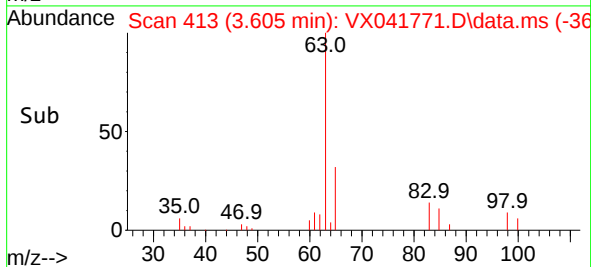
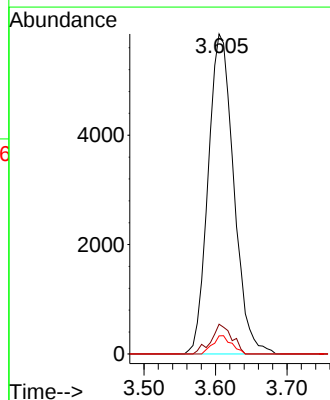
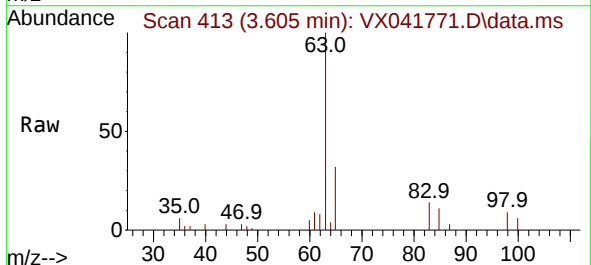
Instrument :
MSVOA_X
ClientSampleId :
SY-12D

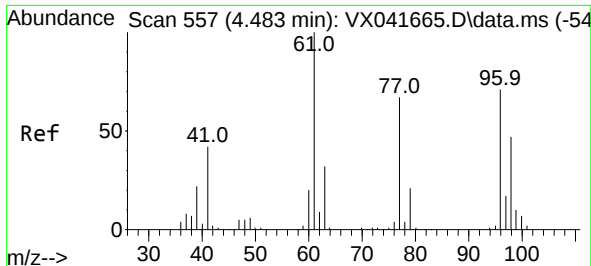
Tgt Ion:	84	Resp:	1075
Ion	Ratio	Lower	Upper
84	100		
49	110.8	103.6	155.4
51	37.9	33.8	50.6
86	56.1	49.4	74.0



#24
1,1-Dichloroethane
Concen: 6.453 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX041771.D
Acq: 06 Jun 2024 12:47

Tgt Ion:	63	Resp:	14549
Ion	Ratio	Lower	Upper
63	100		
98	9.3	3.3	9.8
100	5.6	2.1	6.5





#27

cis-1,2-Dichloroethene

Concen: 4.990 ug/l

RT: 4.495 min Scan# 557

Delta R.T. 0.012 min

Lab File: VX041771.D

Acq: 06 Jun 2024 12:47

Instrument :

MSVOA_X

ClientSampleId :

SY-12D

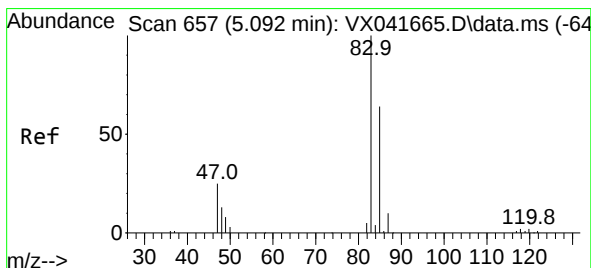
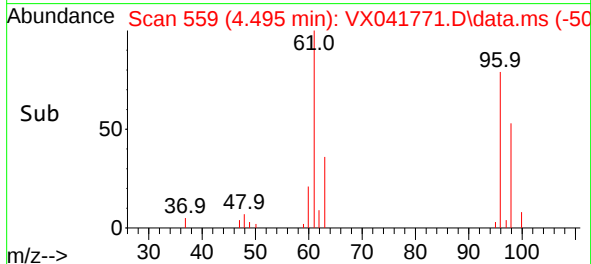
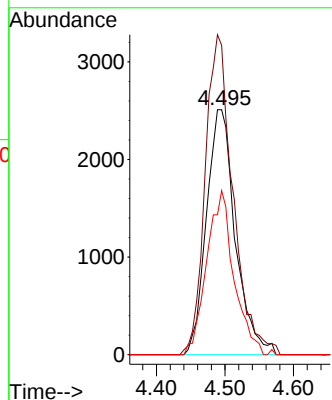
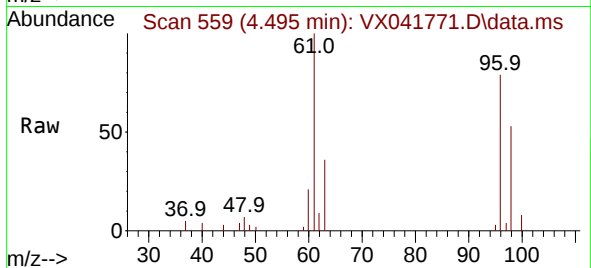
Tgt Ion: 96 Resp: 7339

Ion Ratio Lower Upper

96 100

61 125.7 0.0 312.2

98 63.2 0.0 129.0



#30

Chloroform

Concen: 3.358 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.006 min

Lab File: VX041771.D

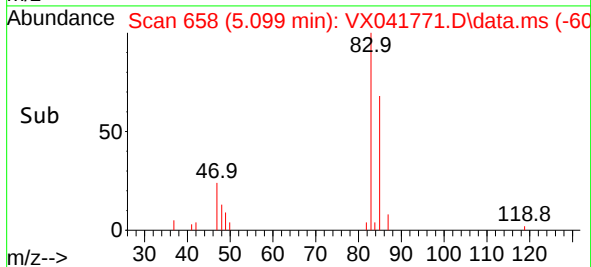
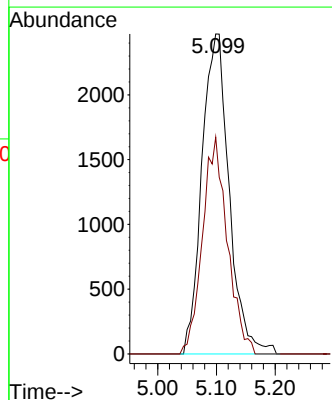
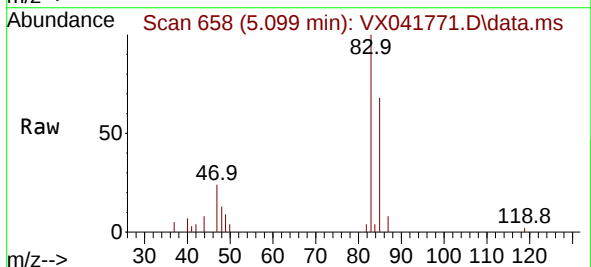
Acq: 06 Jun 2024 12:47

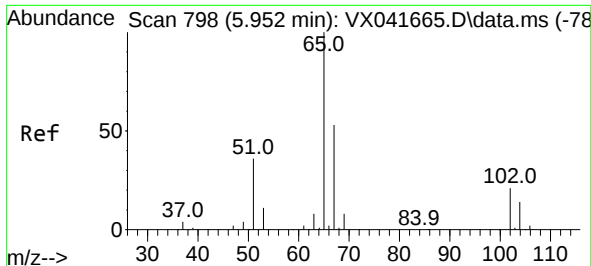
Tgt Ion: 83 Resp: 7948

Ion Ratio Lower Upper

83 100

85 67.8 50.3 75.5





#33

1,2-Dichloroethane-d4

Concen: 49.161 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX041771.D

Acq: 06 Jun 2024 12:47

Instrument :

MSVOA_X

ClientSampleId :

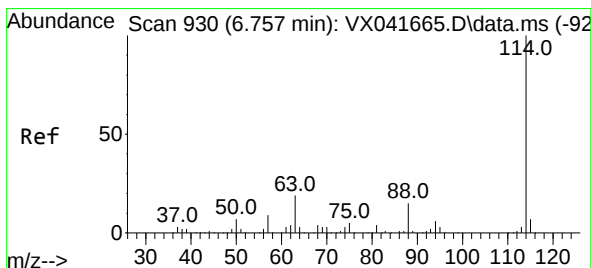
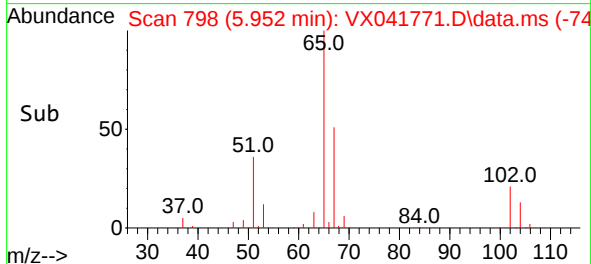
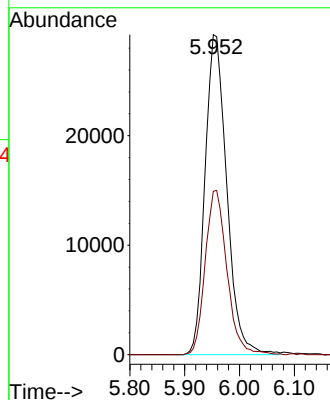
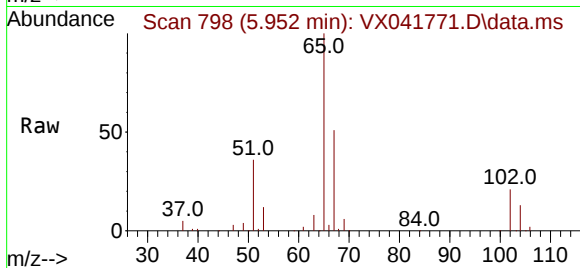
SY-12D

Tgt Ion: 65 Resp: 80216

Ion Ratio Lower Upper

65 100

67 51.5 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX041771.D

Acq: 06 Jun 2024 12:47

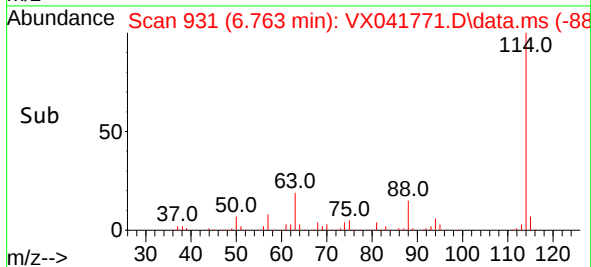
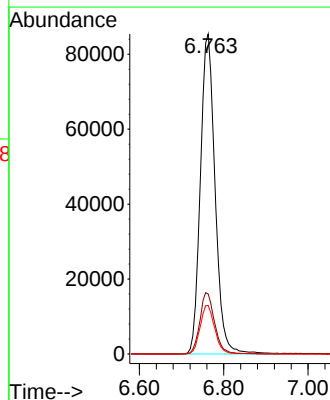
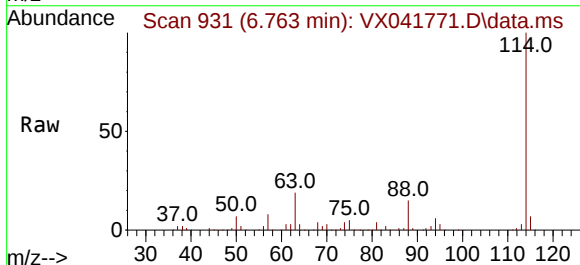
Tgt Ion: 114 Resp: 207496

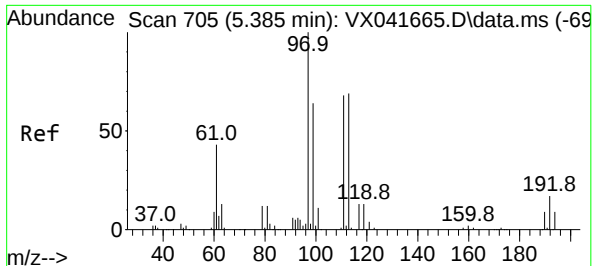
Ion Ratio Lower Upper

114 100

63 18.7 0.0 45.0

88 15.2 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.394 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX041771.D

Acq: 06 Jun 2024 12:47

Instrument :

MSVOA_X

ClientSampleId :

SY-12D

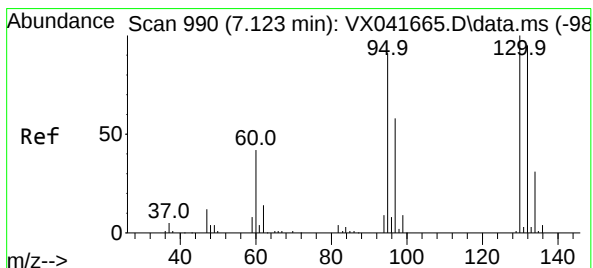
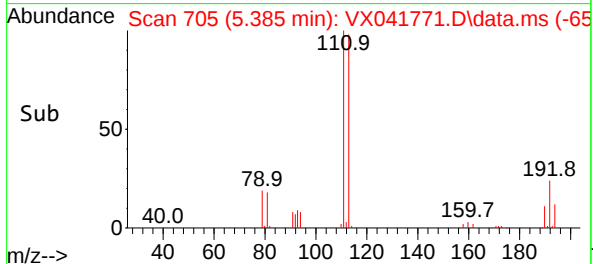
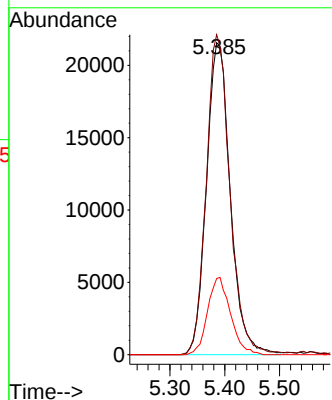
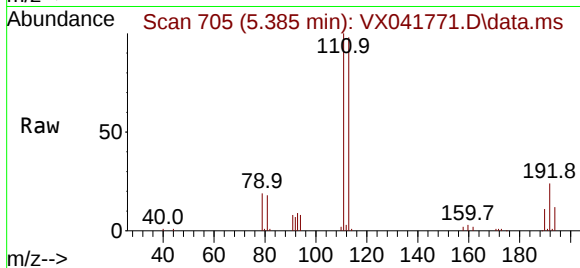
Tgt Ion:113 Resp: 65123

Ion Ratio Lower Upper

113 100

111 101.7 82.9 124.3

192 23.8 13.3 19.9#



#44

Trichloroethene

Concen: 0.960 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.012 min

Lab File: VX041771.D

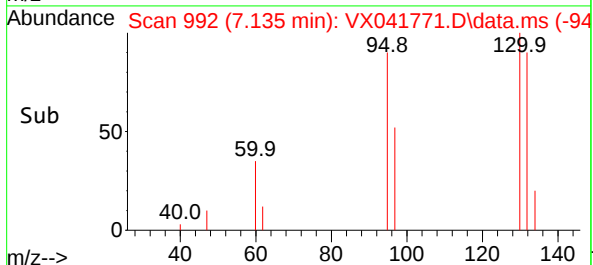
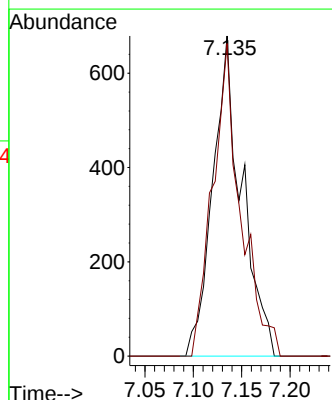
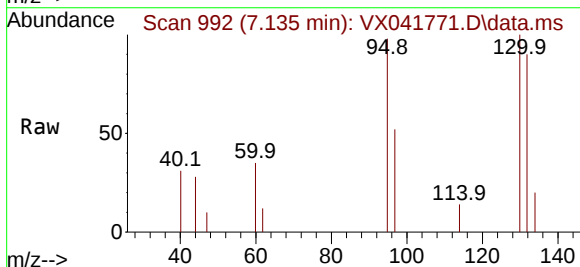
Acq: 06 Jun 2024 12:47

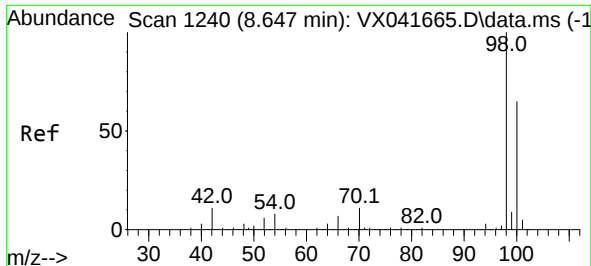
Tgt Ion:130 Resp: 1418

Ion Ratio Lower Upper

130 100

95 97.6 0.0 204.4

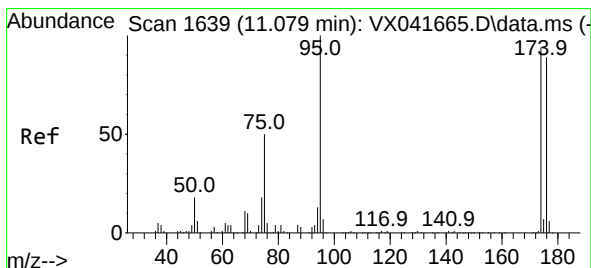
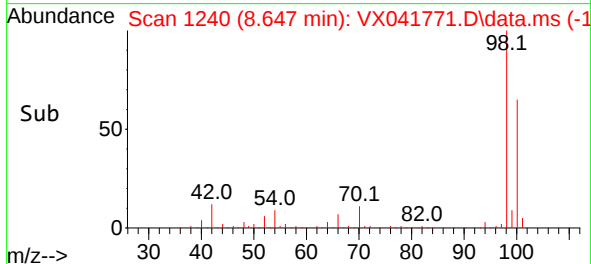
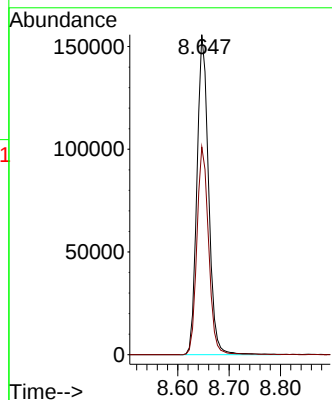
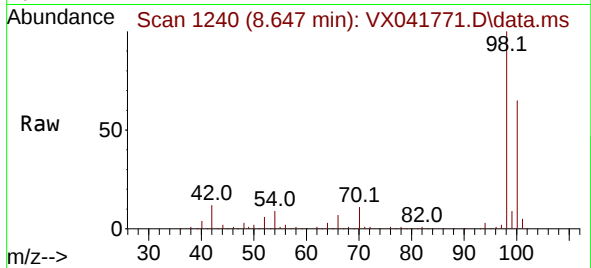




#50
Toluene-d8
Concen: 48.642 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041771.D
Acq: 06 Jun 2024 12:47

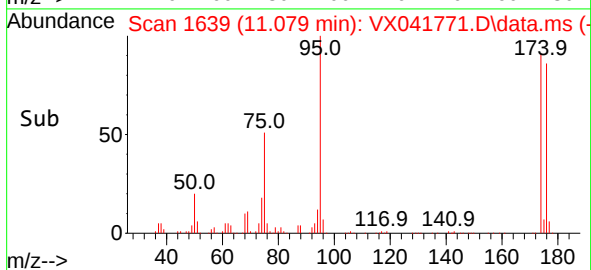
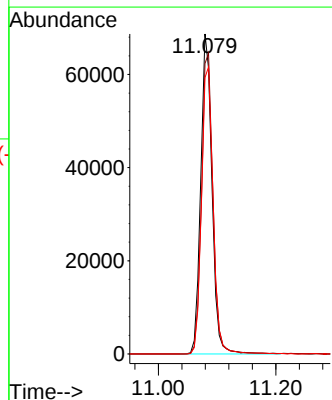
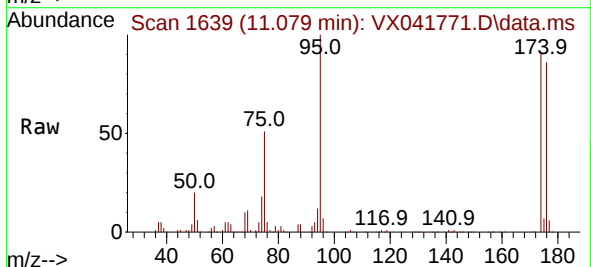
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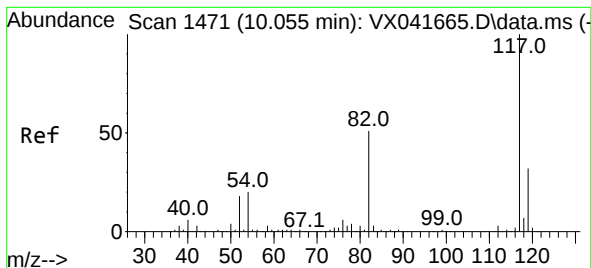
Tgt Ion: 98 Resp: 243831
Ion Ratio Lower Upper
98 100
100 65.5 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 49.453 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041771.D
Acq: 06 Jun 2024 12:47

Tgt Ion: 95 Resp: 91492
Ion Ratio Lower Upper
95 100
174 95.8 0.0 135.6
176 92.6 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX041771.D

Acq: 06 Jun 2024 12:47

Instrument :

MSVOA_X

ClientSampleId :

SY-12D

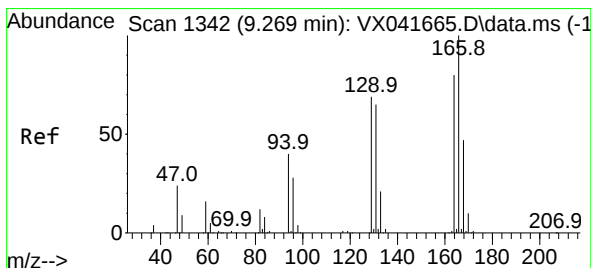
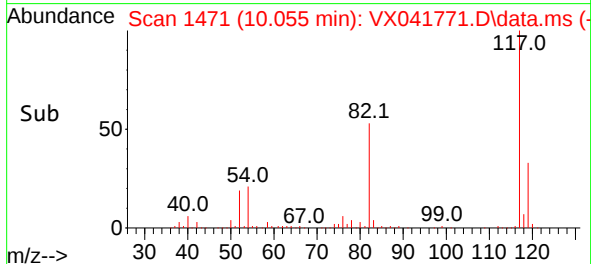
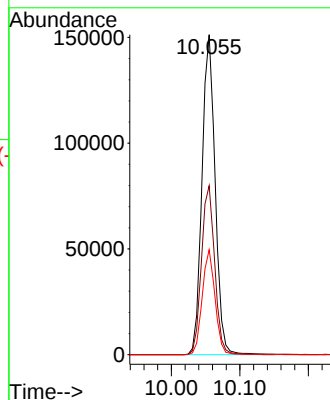
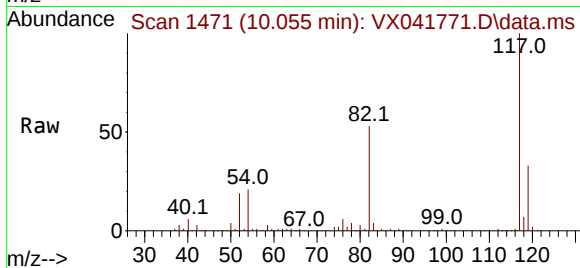
Tgt Ion:117 Resp: 202571

Ion Ratio Lower Upper

117 100

82 52.8 46.2 69.4

119 32.8 25.5 38.3



#64

Tetrachloroethene

Concen: 0.836 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VX041771.D

Acq: 06 Jun 2024 12:47

Tgt Ion:164 Resp: 1270

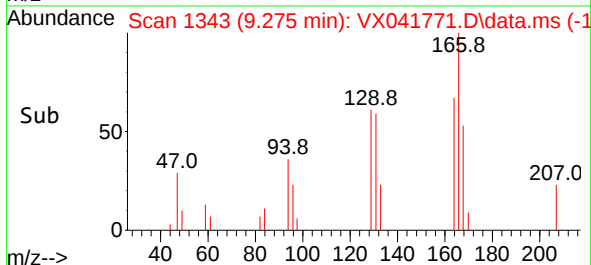
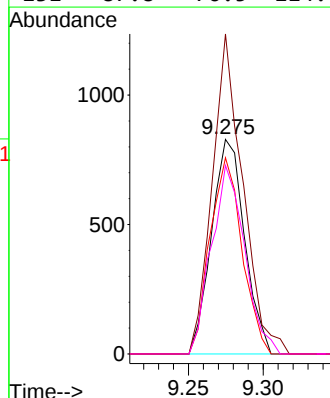
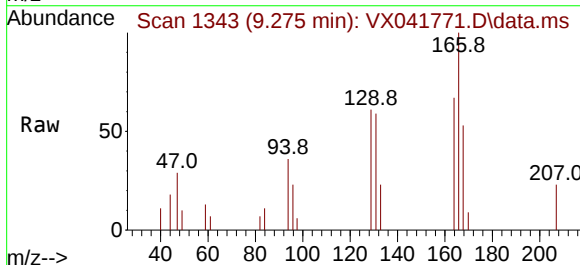
Ion Ratio Lower Upper

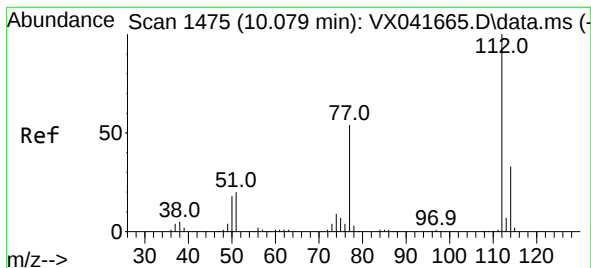
164 100

166 149.1 102.7 154.1

129 91.4 80.4 120.6

131 87.8 76.5 114.7





#65

Chlorobenzene

Concen: 26.401 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX041771.D

Acq: 06 Jun 2024 12:47

Instrument :

MSVOA_X

ClientSampleId :

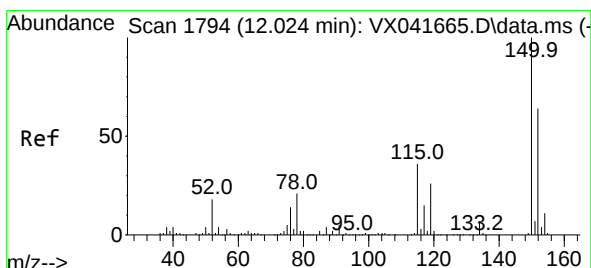
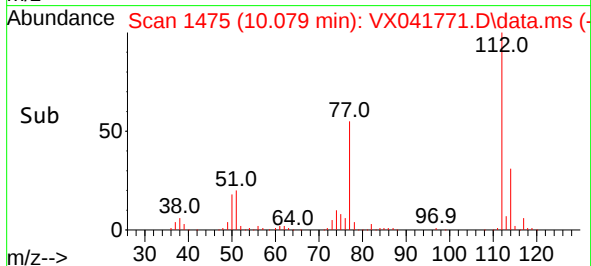
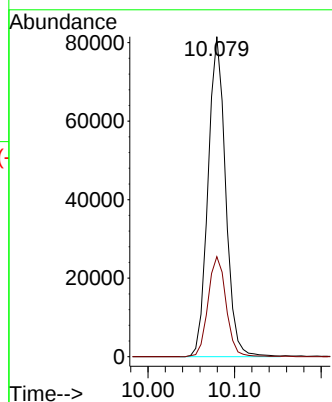
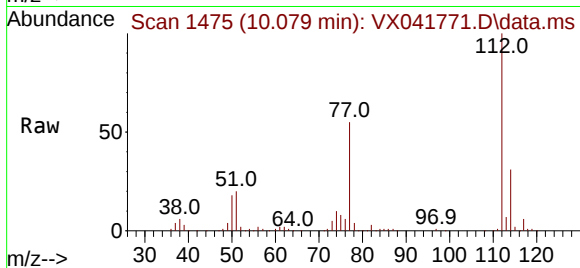
SY-12D

Tgt Ion:112 Resp: 114777

Ion Ratio Lower Upper

112 100

114 31.2 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX041771.D

Acq: 06 Jun 2024 12:47

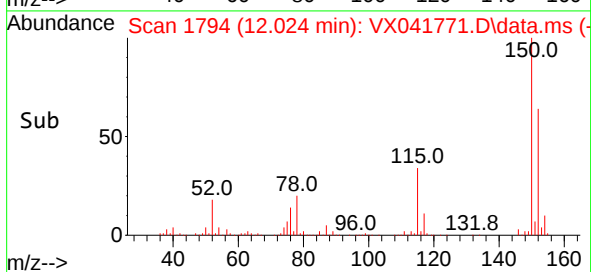
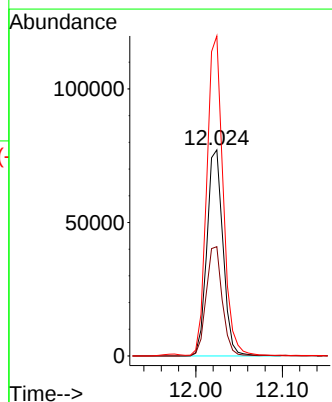
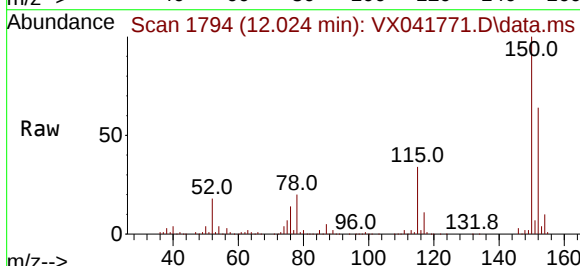
Tgt Ion:152 Resp: 99501

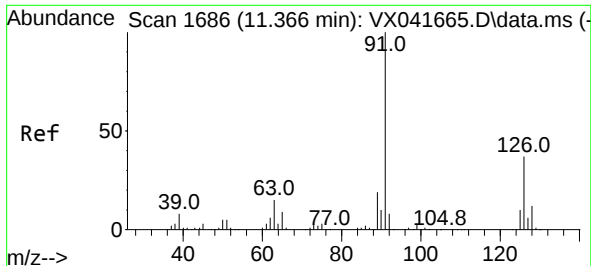
Ion Ratio Lower Upper

152 100

115 53.2 43.3 129.9

150 156.8 0.0 345.0





#79

2-Chlorotoluene

Concen: 1.329 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041771.D

Acq: 06 Jun 2024 12:47

Instrument :

MSVOA_X

ClientSampleId :

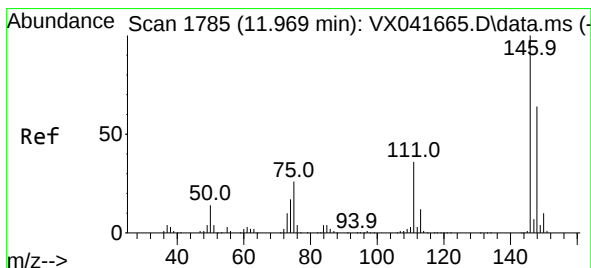
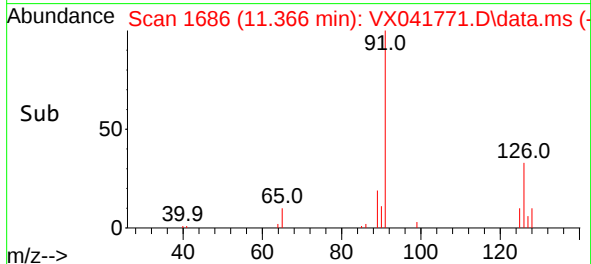
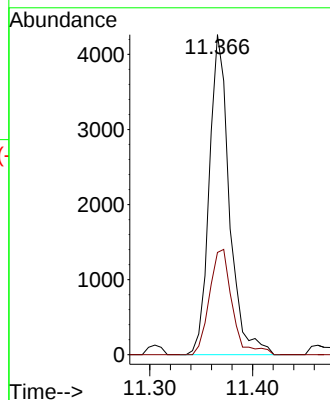
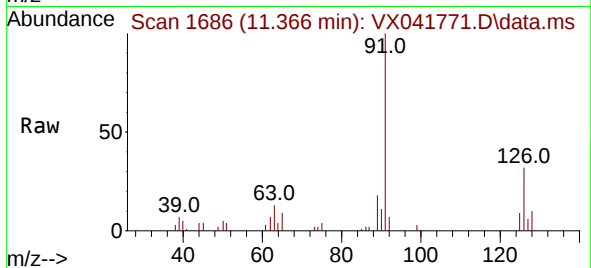
SY-12D

Tgt Ion: 91 Resp: 5791

Ion Ratio Lower Upper

91 100

126 37.1 16.3 48.8



#87

1,3-Dichlorobenzene

Concen: 2.868 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX041771.D

Acq: 06 Jun 2024 12:47

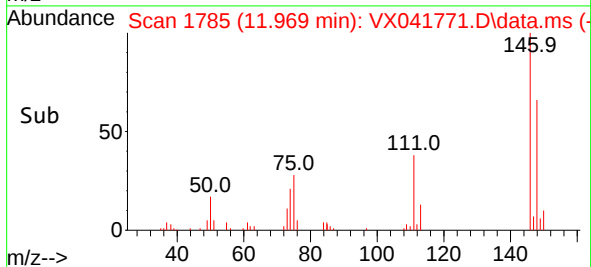
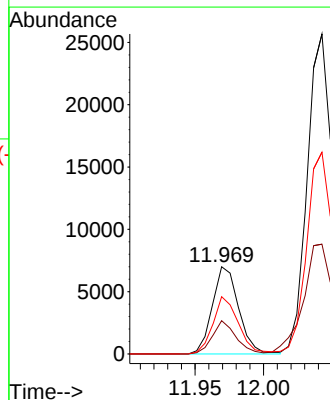
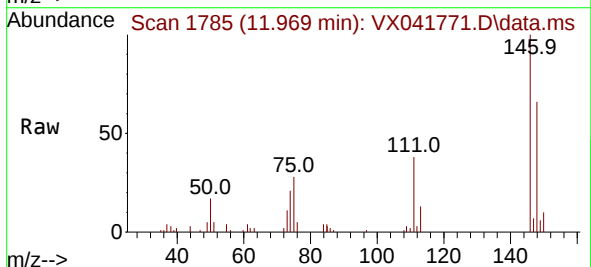
Tgt Ion: 146 Resp: 9332

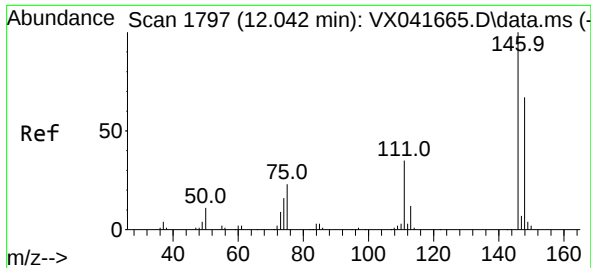
Ion Ratio Lower Upper

146 100

111 34.4 22.1 66.1

148 63.7 31.8 95.3

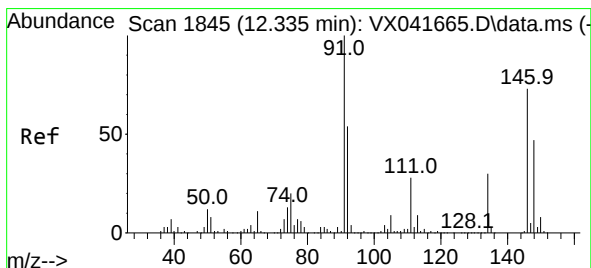
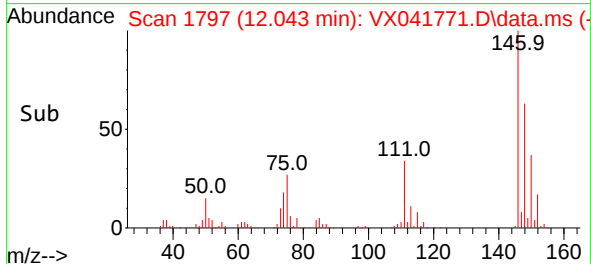
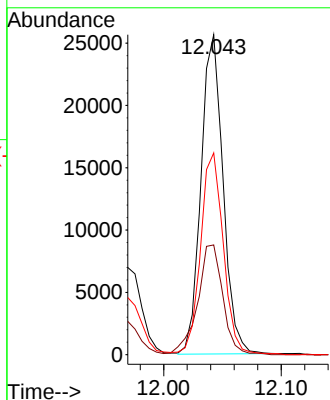
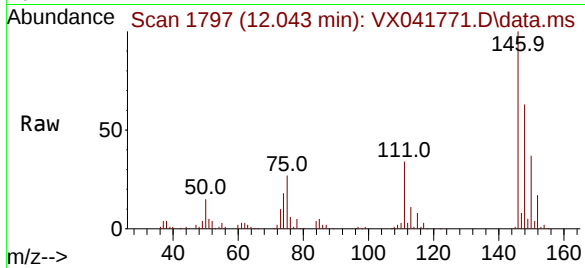




#88
1,4-Dichlorobenzene
Concen: 9.969 ug/l
RT: 12.043 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041771.D
Acq: 06 Jun 2024 12:47

Instrument :
MSVOA_X
ClientSampleId :
SY-12D

Tgt Ion:146 Resp: 33434
Ion Ratio Lower Upper
146 100
111 39.3 21.3 63.7
148 65.5 31.8 95.4



#91
1,2-Dichlorobenzene
Concen: 7.120 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX041771.D
Acq: 06 Jun 2024 12:47

Tgt Ion:146 Resp: 23598
Ion Ratio Lower Upper
146 100
111 38.1 22.4 67.0
148 62.8 31.6 95.0

