

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081722\
 Data File : VY010073.D
 Acq On : 17 Aug 2022 17:02
 Operator : KP/MD
 Sample : N4217-04
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP1-0815

Quant Time: Aug 18 08:21:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 17 05:12:02 2022
 Response via : Initial Calibration

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

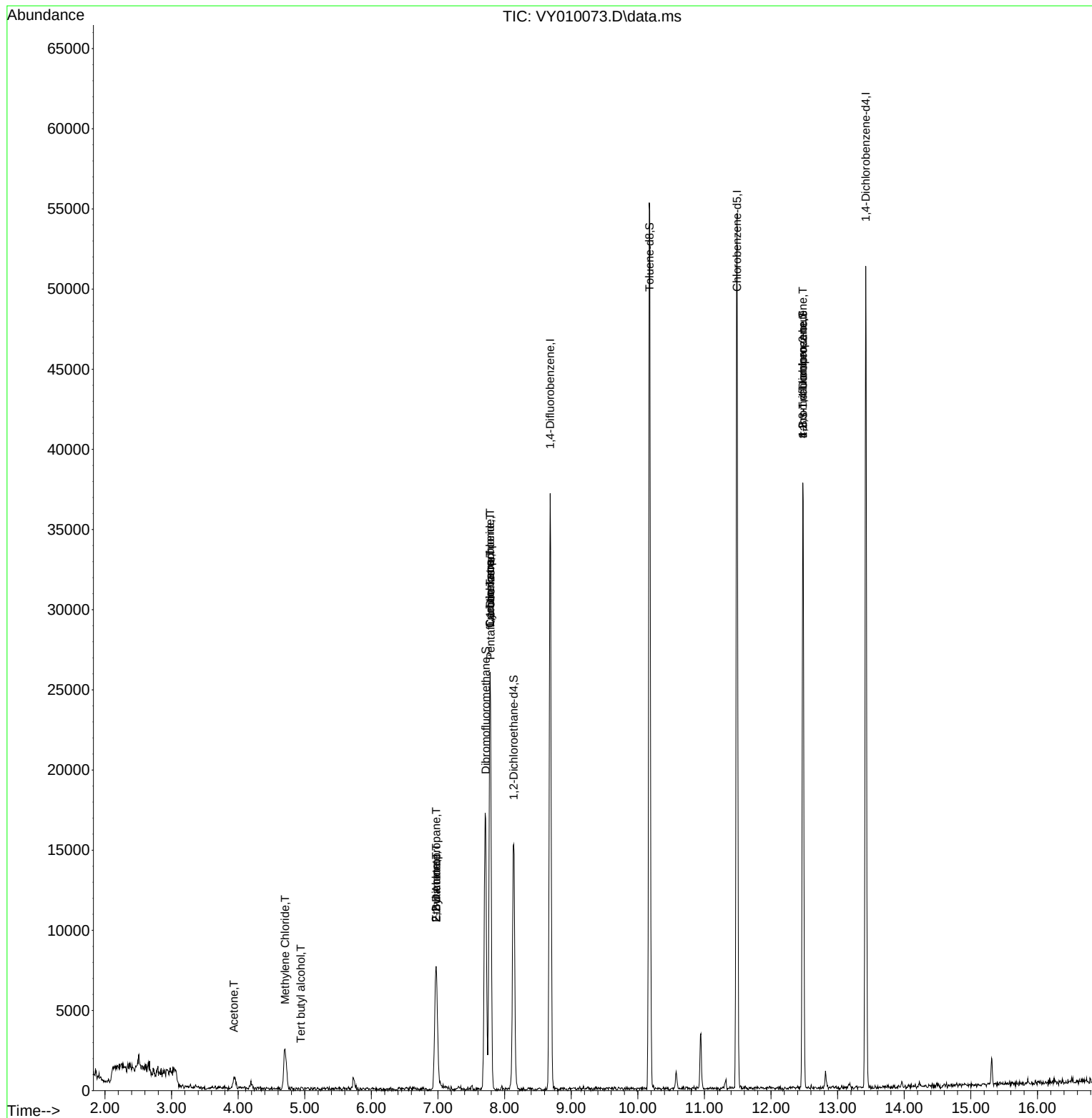
Internal Standards						
1) Pentafluorobenzene	7.789	168	22046	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	32704	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	31578	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	13941	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	12674	57.497	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.000%
35) Dibromofluoromethane	7.716	113	12352	58.241	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.480%
50) Toluene-d8	10.179	98	37684	48.026	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.060%
62) 4-Bromofluorobenzene	12.477	95	11675	42.362	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.720%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	72	3.359	ug/l #	74
16) Acetone	3.936	43	1425	30.182	ug/l	94
20) Methylene Chloride	4.704	84	2266	7.510	ug/l #	77
25) 2-Butanone	6.972	43	490	7.586	ug/l #	48
26) 2,2-Dichloropropane	6.972	77	545	1.563	ug/l #	53
31) Cyclohexane	7.783	56	391	1.255	ug/l #	53
36) 1,1-Dichloropropene	7.783	75	1439	4.871	ug/l #	42
37) Ethyl Acetate	6.972	43	490	3.293	ug/l #	41
38) Carbon Tetrachloride	7.783	117	2136	5.879	ug/l #	12
76) 1,2,3-Trichloropropane	12.477	75	5856	44.314	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	5856	100.146	ug/l #	12

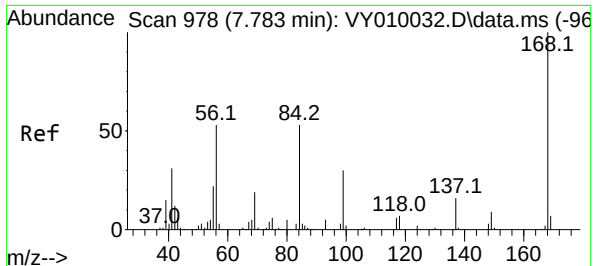
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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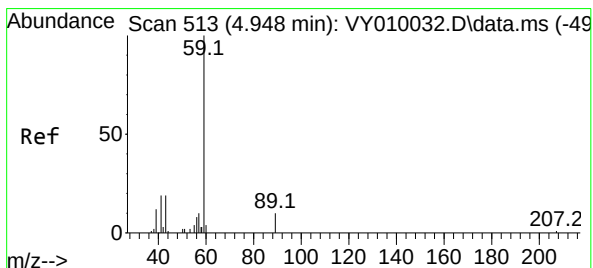
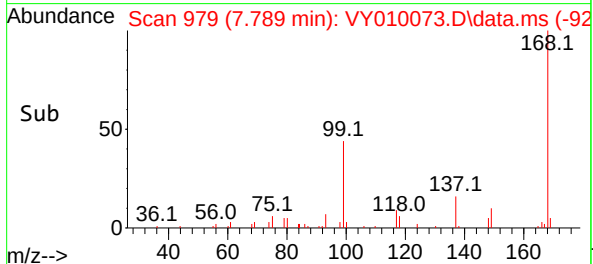
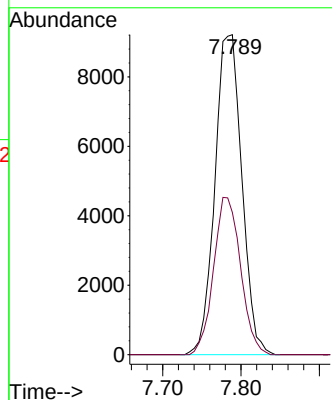
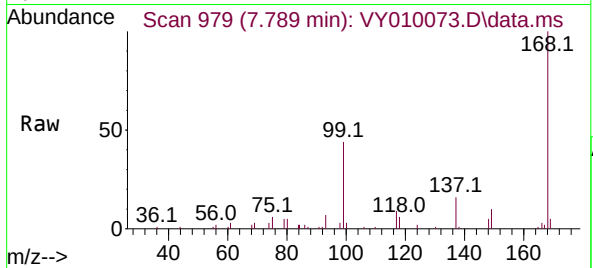




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010073.D
Acq: 17 Aug 2022 17:02

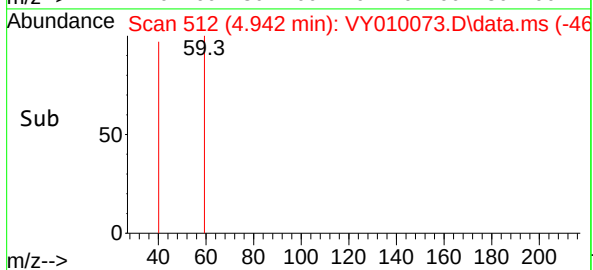
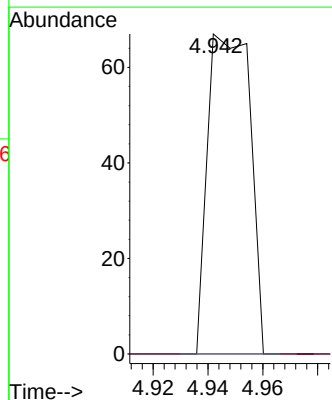
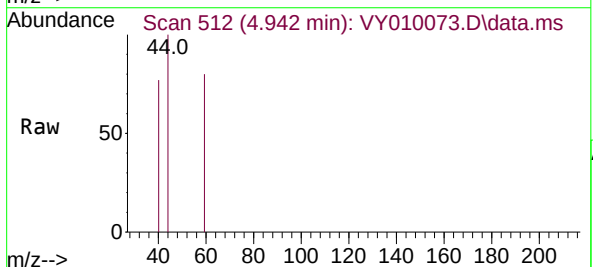
Instrument :
MSVOA_Y
ClientSampleId :
TP1-0815

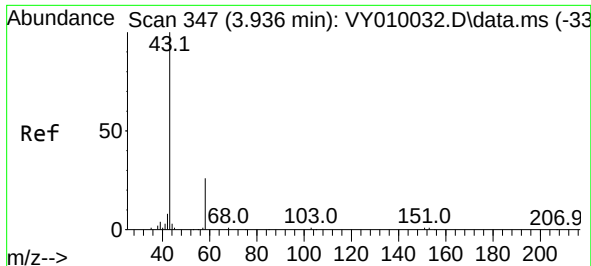
Tgt Ion:168 Resp: 22046
Ion Ratio Lower Upper
168 100
99 44.5 37.7 56.5



#11
Tert butyl alcohol
Concen: 3.359 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY010073.D
Acq: 17 Aug 2022 17:02

Tgt Ion: 59 Resp: 72
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#





#16

Acetone

Concen: 30.182 ug/l

RT: 3.936 min Scan# 347

Delta R.T. 0.000 min

Lab File: VY010073.D

Acq: 17 Aug 2022 17:02

Instrument :

MSVOA_Y

ClientSampleId :

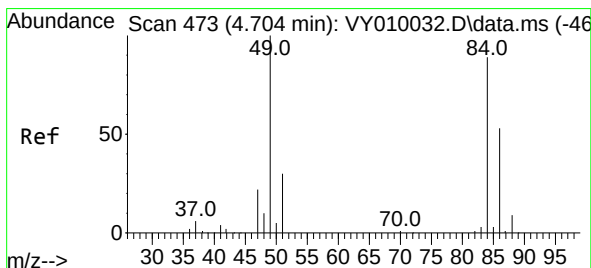
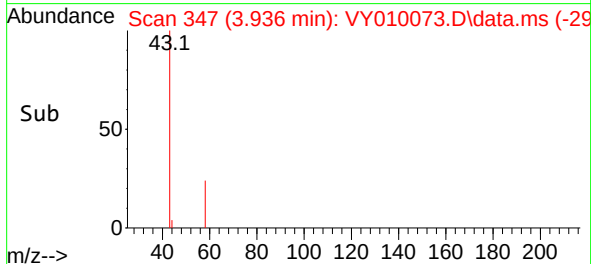
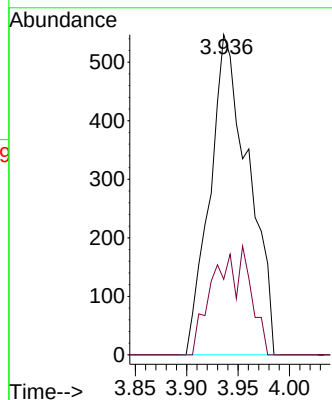
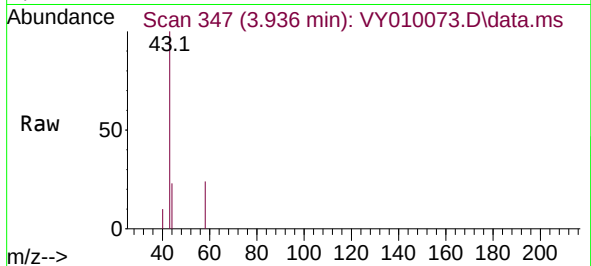
TP1-0815

Tgt Ion: 43 Resp: 1425

Ion Ratio Lower Upper

43 100

58 23.6 21.4 32.0



#20

Methylene Chloride

Concen: 7.510 ug/l

RT: 4.704 min Scan# 473

Delta R.T. 0.000 min

Lab File: VY010073.D

Acq: 17 Aug 2022 17:02

Tgt Ion: 84 Resp: 2266

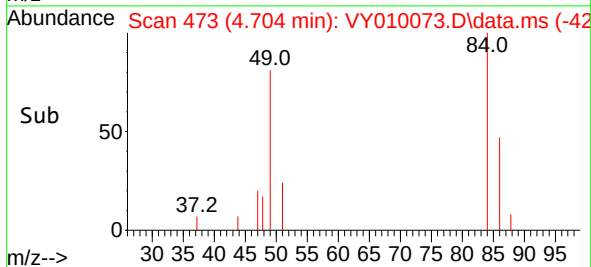
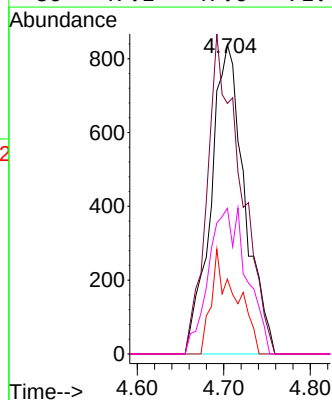
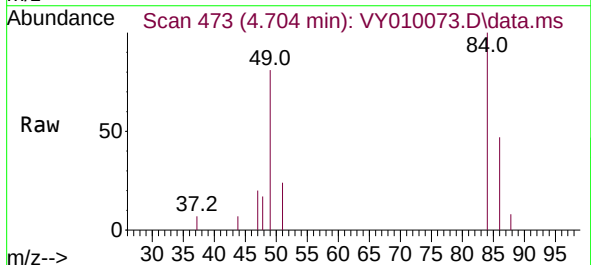
Ion Ratio Lower Upper

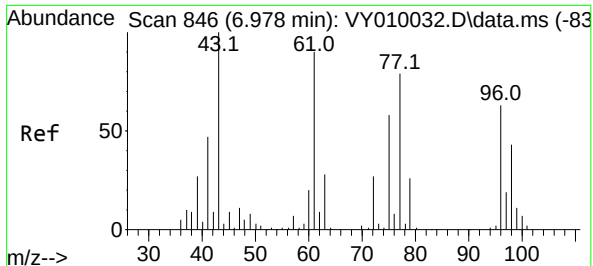
84 100

49 81.0 89.5 134.3#

51 24.2 26.8 40.2#

86 47.1 47.6 71.4#





#25

2-Butanone

Concen: 7.586 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY010073.D

Acq: 17 Aug 2022 17:02

Instrument :

MSVOA_Y

ClientSampleId :

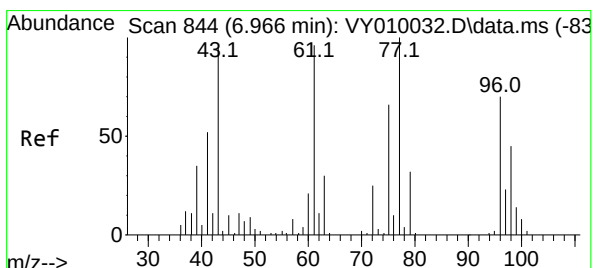
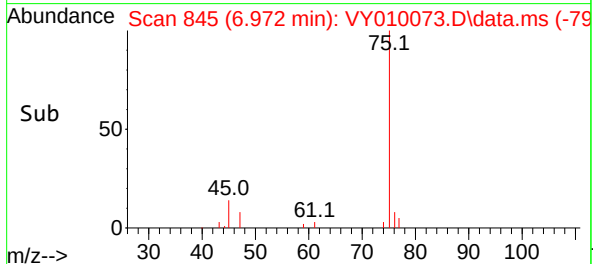
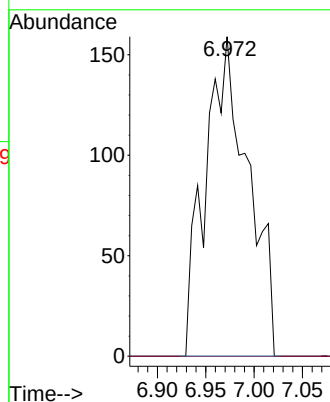
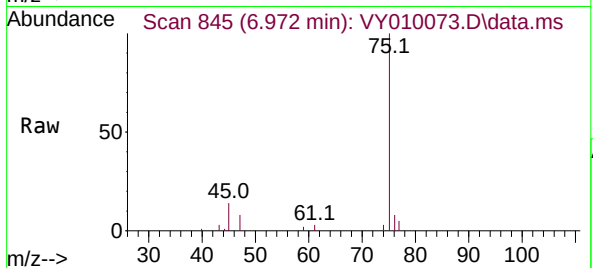
TP1-0815

Tgt Ion: 43 Resp: 490

Ion Ratio Lower Upper

43 100

72 0.0 21.7 32.5#



#26

2,2-Dichloropropane

Concen: 1.563 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.006 min

Lab File: VY010073.D

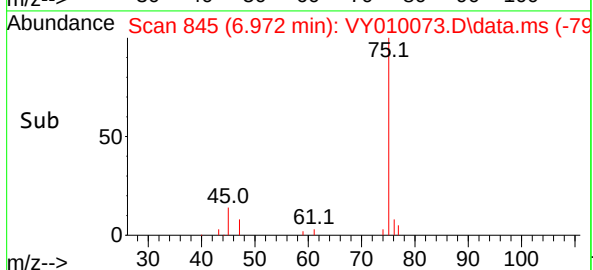
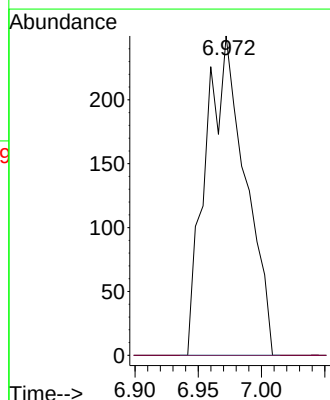
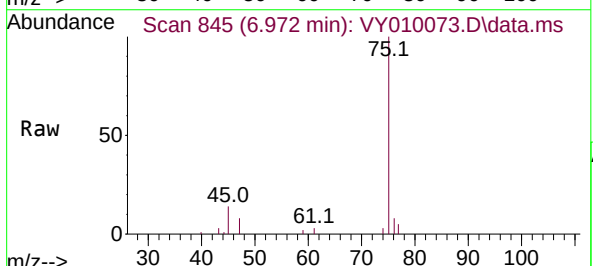
Acq: 17 Aug 2022 17:02

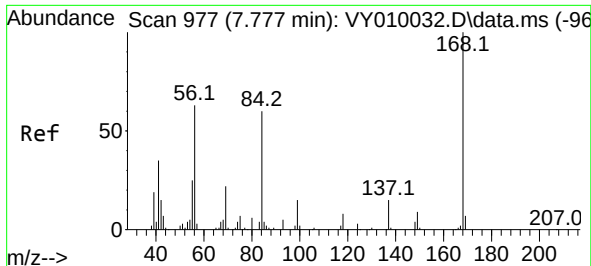
Tgt Ion: 77 Resp: 545

Ion Ratio Lower Upper

77 100

97 0.0 11.2 33.6#

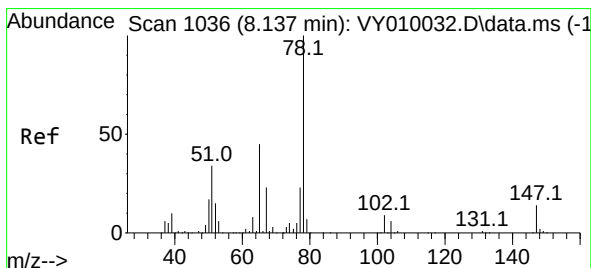
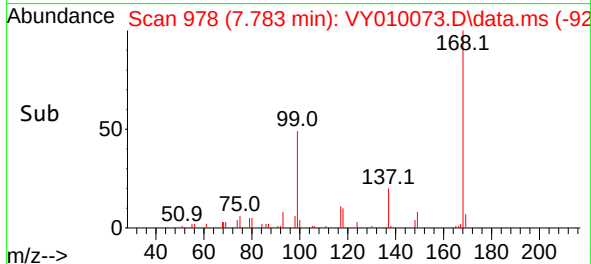
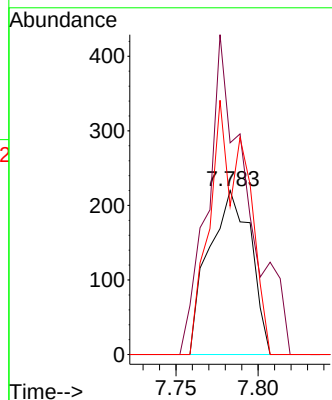
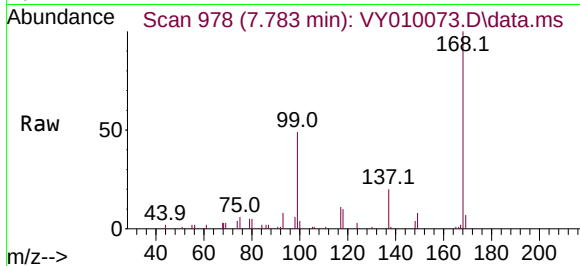




#31
Cyclohexane
Concen: 1.255 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010073.D
Acq: 17 Aug 2022 17:02

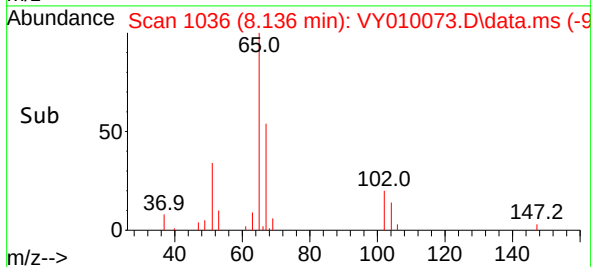
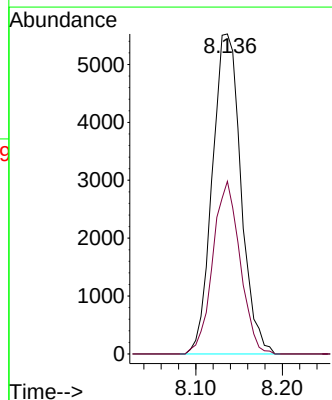
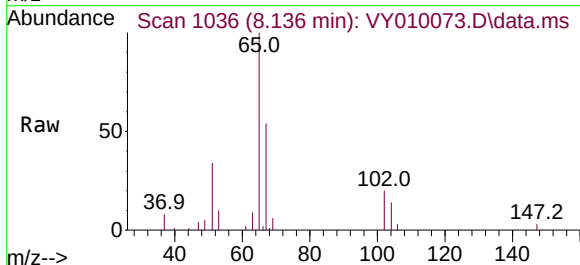
Instrument :
MSVOA_Y
ClientSampleId :
TP1-0815

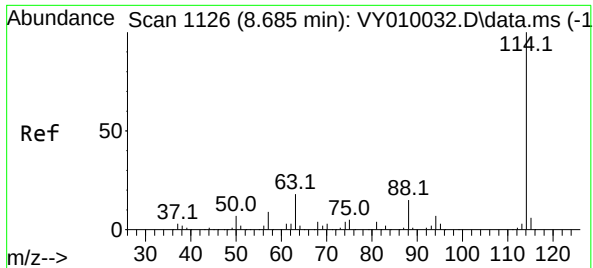
Tgt Ion: 56 Resp: 391
Ion Ratio Lower Upper
56 100
69 129.1 28.6 43.0#
84 90.5 76.0 114.0



#33
1,2-Dichloroethane-d4
Concen: 57.497 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY010073.D
Acq: 17 Aug 2022 17:02

Tgt Ion: 65 Resp: 12674
Ion Ratio Lower Upper
65 100
67 51.4 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010073.D

Acq: 17 Aug 2022 17:02

Instrument :

MSVOA_Y

ClientSampleId :

TP1-0815

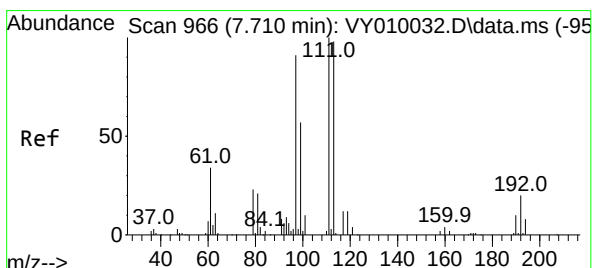
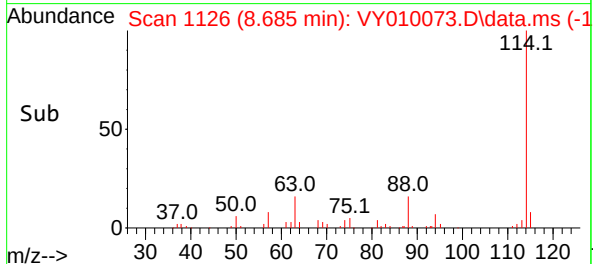
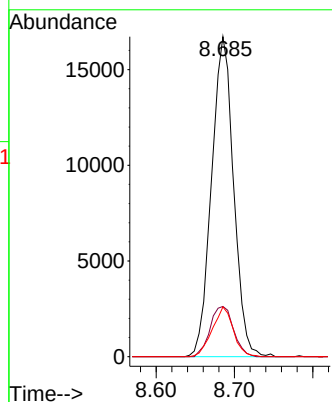
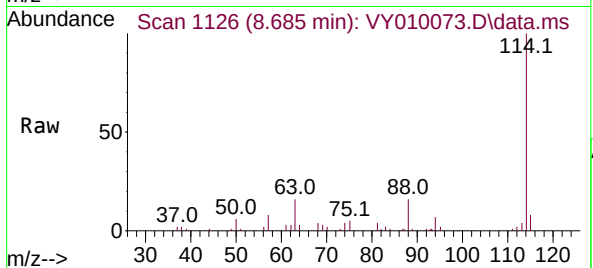
Tgt Ion:114 Resp: 32704

Ion Ratio Lower Upper

114 100

63 15.7 0.0 35.2

88 15.6 0.0 30.2



#35

Dibromofluoromethane

Concen: 58.241 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY010073.D

Acq: 17 Aug 2022 17:02

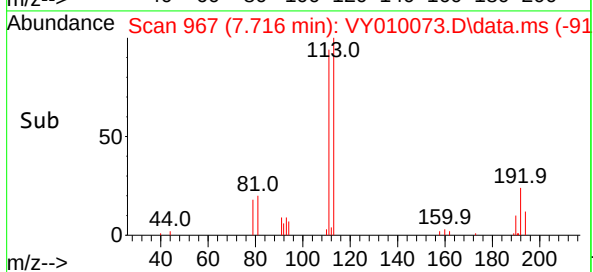
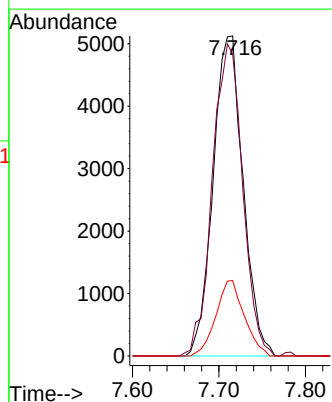
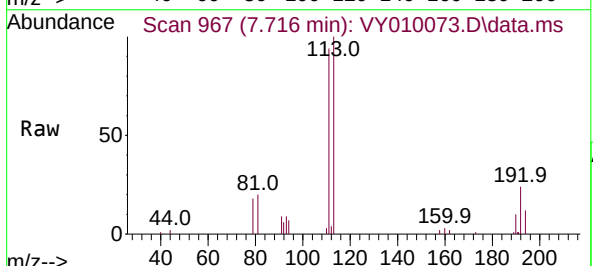
Tgt Ion:113 Resp: 12352

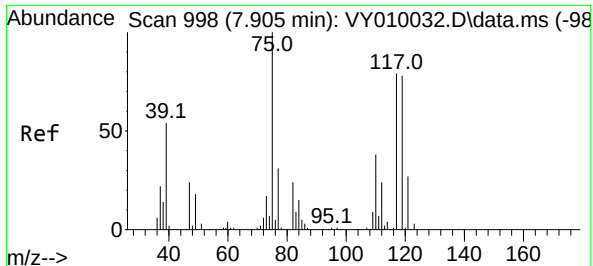
Ion Ratio Lower Upper

113 100

111 97.9 82.7 124.1

192 22.3 17.2 25.8





#36

1,1-Dichloropropene

Concen: 4.871 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY010073.D

Acq: 17 Aug 2022 17:02

Instrument :

MSVOA_Y

ClientSampleId :

TP1-0815

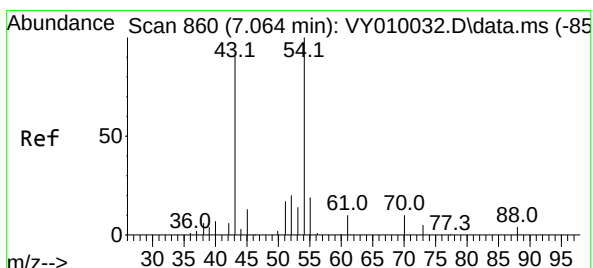
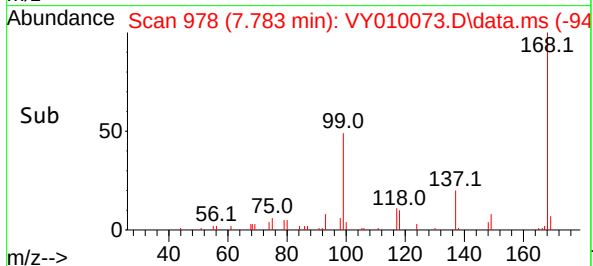
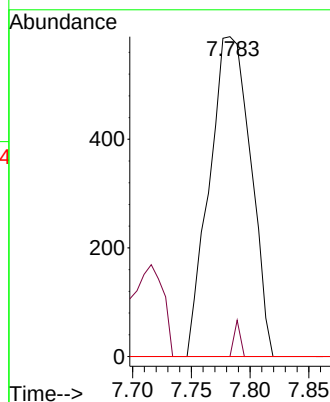
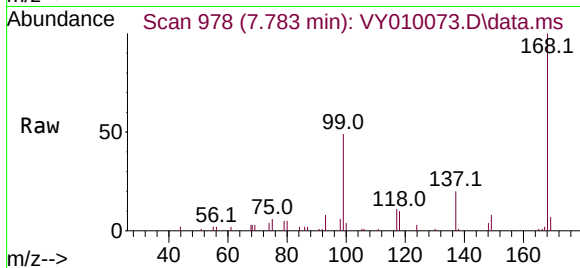
Tgt Ion: 75 Resp: 1439

Ion Ratio Lower Upper

75 100

110 1.7 18.4 55.4#

77 0.0 24.6 36.8#



#37

Ethyl Acetate

Concen: 3.293 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.092 min

Lab File: VY010073.D

Acq: 17 Aug 2022 17:02

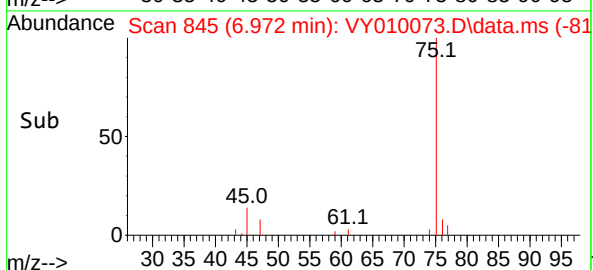
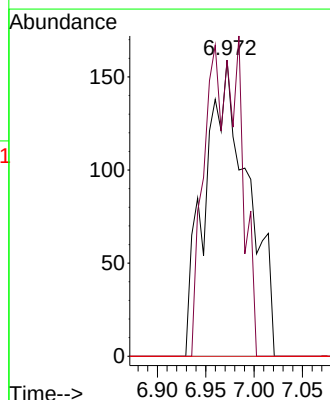
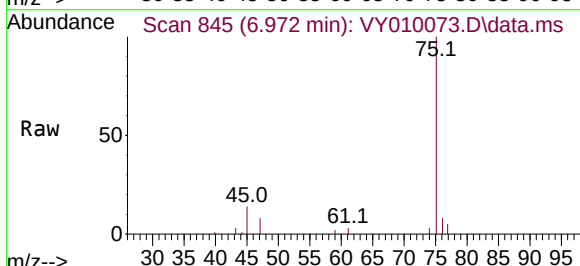
Tgt Ion: 43 Resp: 490

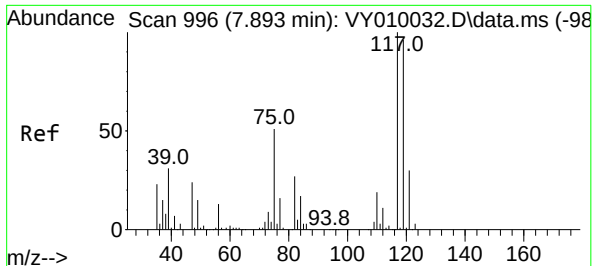
Ion Ratio Lower Upper

43 100

61 45.5 9.6 14.4#

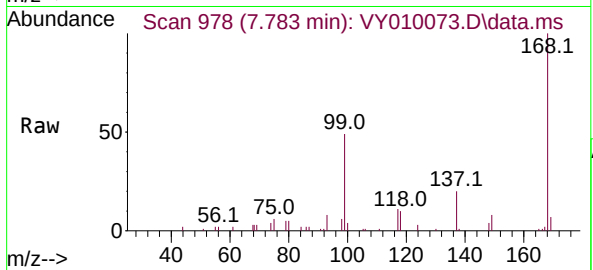
70 0.0 7.9 11.9#



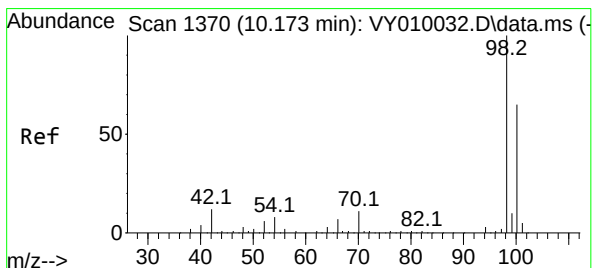
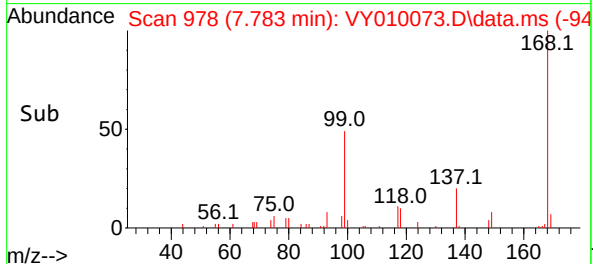
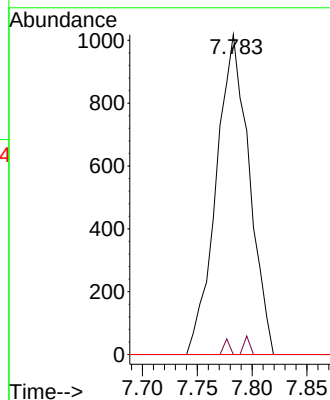


#38
Carbon Tetrachloride
Concen: 5.879 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY010073.D
Acq: 17 Aug 2022 17:02

Instrument :
MSVOA_Y
ClientSampleId :
TP1-0815

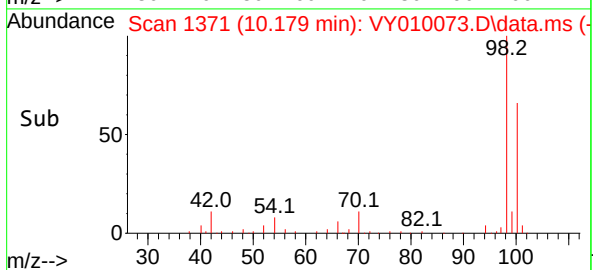
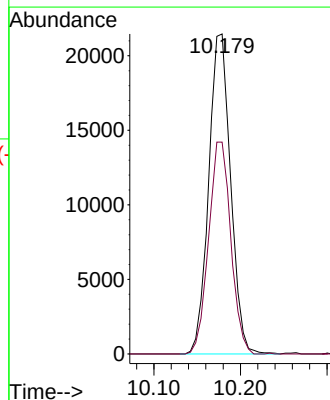
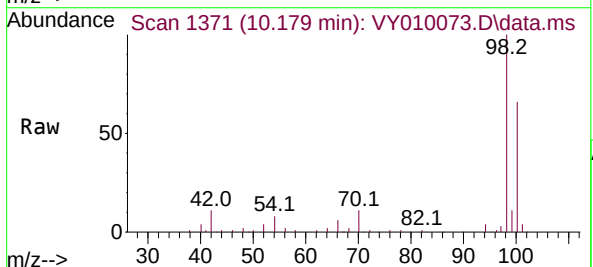


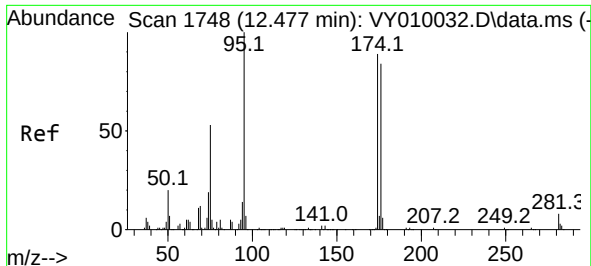
Tgt Ion:117 Resp: 2136
Ion Ratio Lower Upper
117 100
119 0.0 77.0 115.6#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 48.026 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010073.D
Acq: 17 Aug 2022 17:02

Tgt Ion: 98 Resp: 37684
Ion Ratio Lower Upper
98 100
100 67.1 52.1 78.1

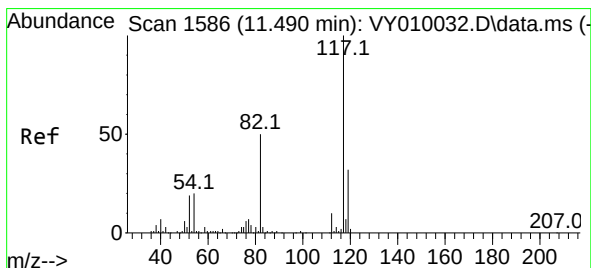
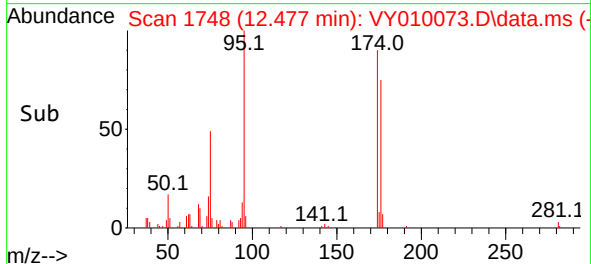
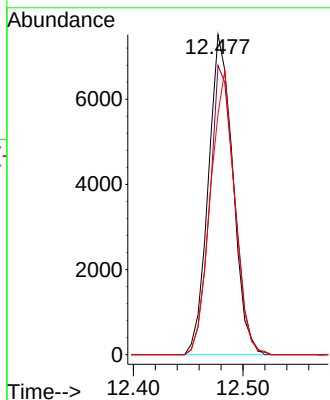
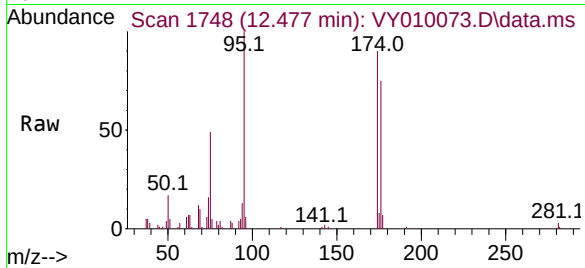




#62
4-Bromofluorobenzene
Concen: 42.362 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010073.D
Acq: 17 Aug 2022 17:02

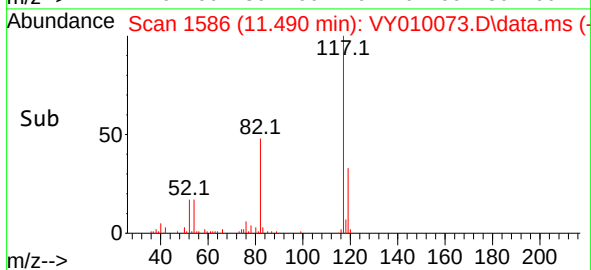
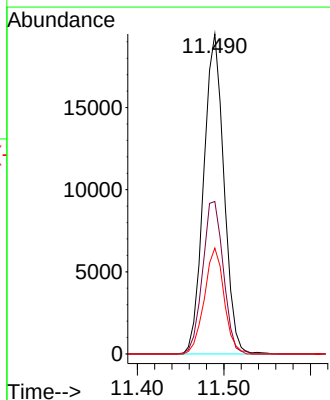
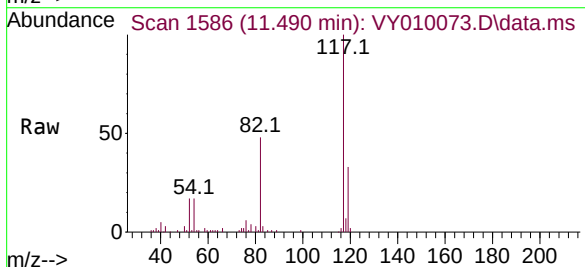
Instrument :
MSVOA_Y
ClientSampleId :
TP1-0815

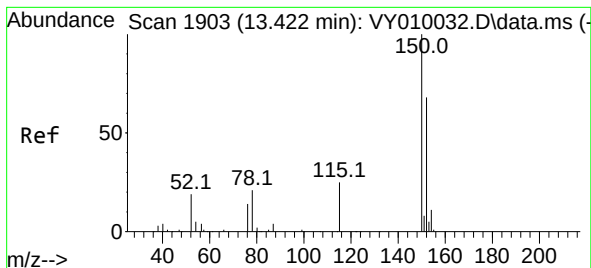
Tgt Ion: 95 Resp: 11675
Ion Ratio Lower Upper
95 100
174 91.1 0.0 184.2
176 88.1 0.0 178.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010073.D
Acq: 17 Aug 2022 17:02

Tgt Ion: 117 Resp: 31578
Ion Ratio Lower Upper
117 100
82 47.7 39.8 59.6
119 33.1 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY010073.D

Acq: 17 Aug 2022 17:02

Instrument :

MSVOA_Y

ClientSampleId :

TP1-0815

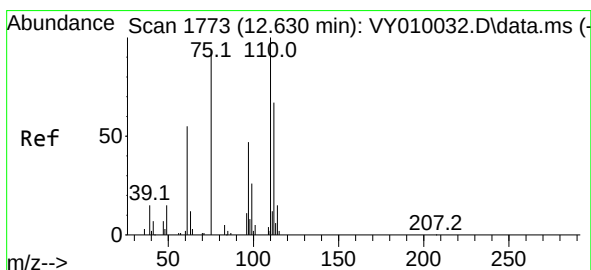
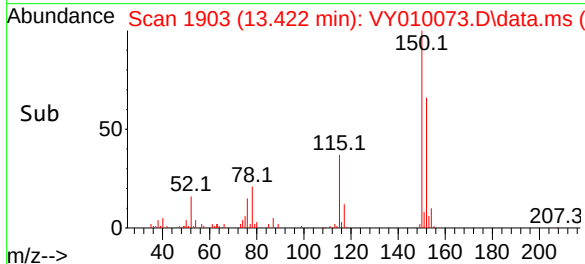
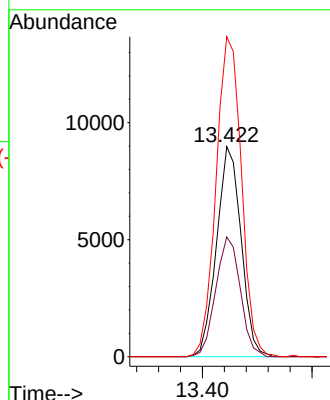
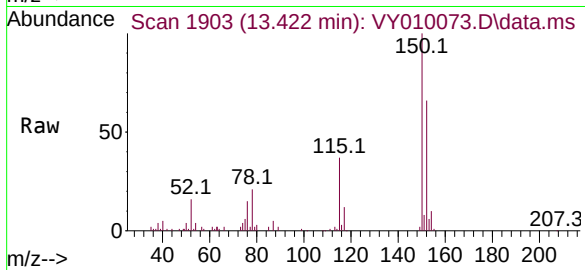
Tgt Ion:152 Resp: 13941

Ion Ratio Lower Upper

152 100

115 57.1 28.1 84.3

150 157.7 0.0 346.6



#76

1,2,3-Trichloropropane

Concen: 44.314 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY010073.D

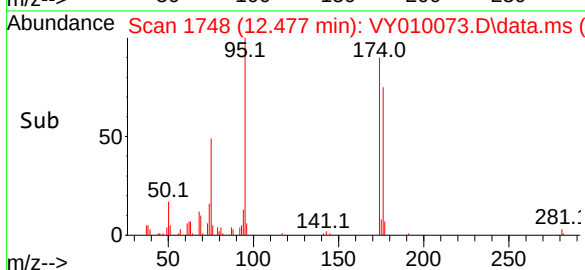
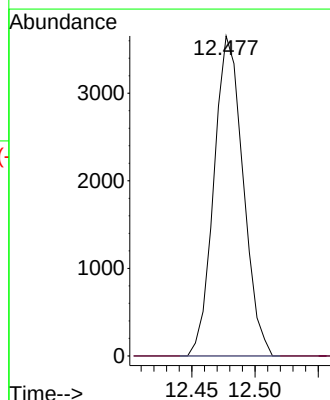
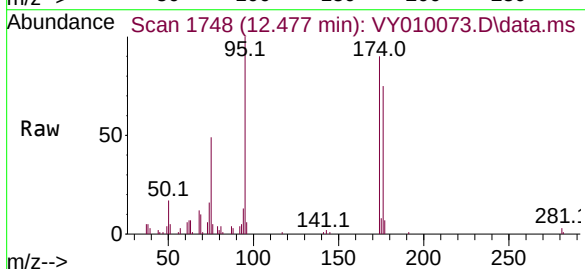
Acq: 17 Aug 2022 17:02

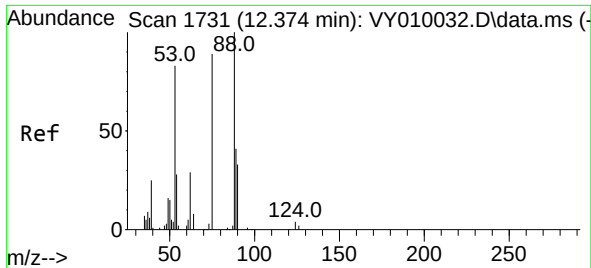
Tgt Ion: 75 Resp: 5856

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 100.146 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY010073.D
 Acq: 17 Aug 2022 17:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP1-0815

Tgt Ion: 75 Resp: 5856
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.0 37.8 56.6#

