

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081722\
 Data File : VY010076.D
 Acq On : 17 Aug 2022 18:12
 Operator : KP/MD
 Sample : N4217-10
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP4-0815

Quant Time: Aug 18 08:22:08 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)

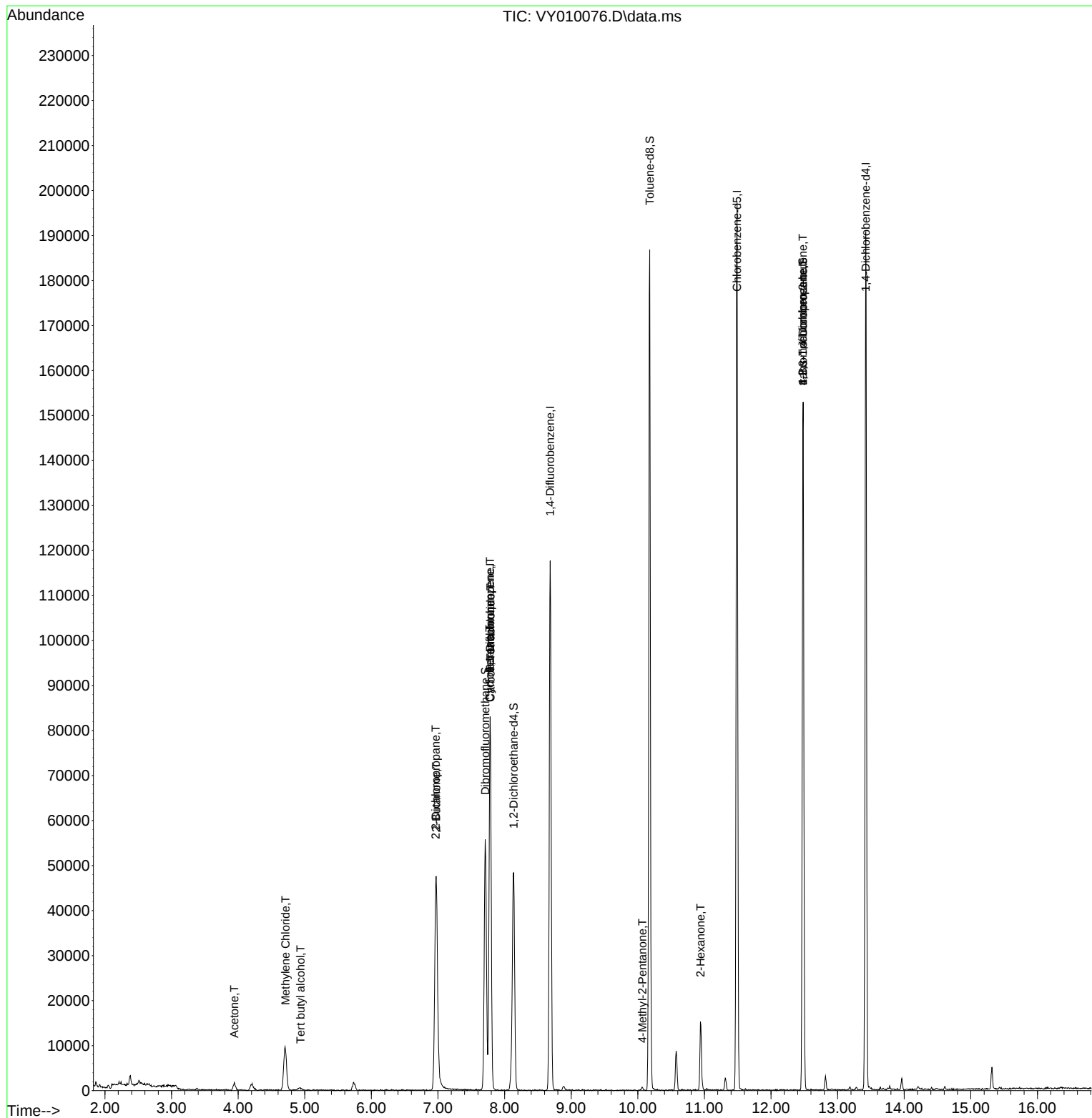
Internal Standards						
1) Pentafluorobenzene	7.783	168	67213	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	105572	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	111780	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	52681	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	37902	56.398	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.800%			
35) Dibromofluoromethane	7.710	113	38109	55.663	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.320%			
50) Toluene-d8	10.179	98	121691	48.043	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 96.080%			
62) 4-Bromofluorobenzene	12.477	95	42315	47.563	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 95.120%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.936	59	987	15.102	ug/l #	74
16) Acetone	3.942	43	2595	18.028	ug/l	98
20) Methylene Chloride	4.710	84	7395	8.294	ug/l	94
25) 2-Butanone	6.972	43	2404	12.208	ug/l	90
26) 2,2-Dichloropropane	6.966	77	3653	3.436	ug/l #	53
31) Cyclohexane	7.777	56	1047	1.103	ug/l #	27
36) 1,1-Dichloropropene	7.783	75	4792	5.024	ug/l #	46
38) Carbon Tetrachloride	7.789	117	6357	5.420	ug/l #	17
51) 4-Methyl-2-Pentanone	10.069	43	511	1.016	ug/l	97
59) 2-Hexanone	10.941	43	151	24.505	ug/l #	26
76) 1,2,3-Trichloropropane	12.477	75	21497	43.049	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	21497	97.286	ug/l #	12

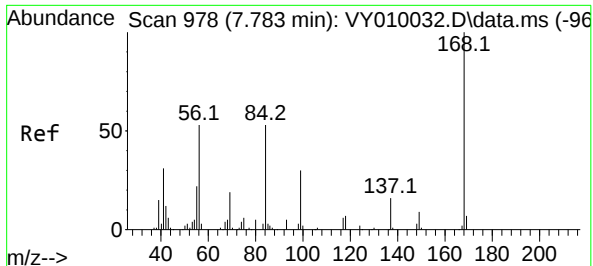
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081722\
Data File : VY010076.D
Acq On : 17 Aug 2022 18:12
Operator : KP/MD
Sample : N4217-10
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP4-0815

Quant Time: Aug 18 08:22:08 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

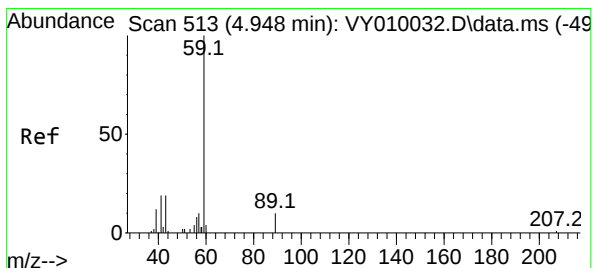
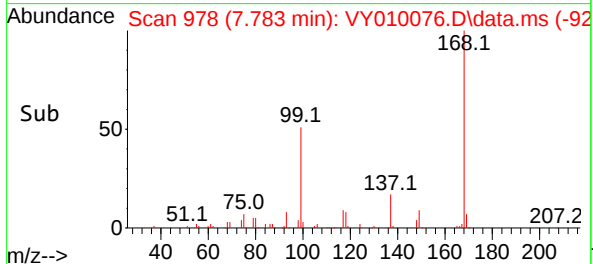
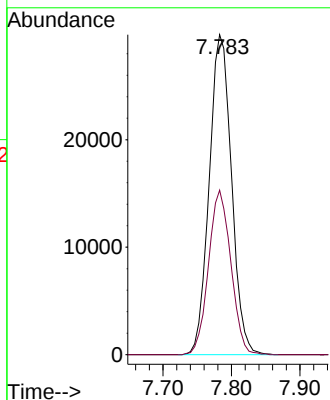
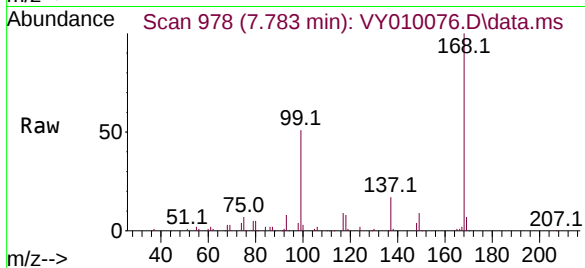




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010076.D
Acq: 17 Aug 2022 18:12

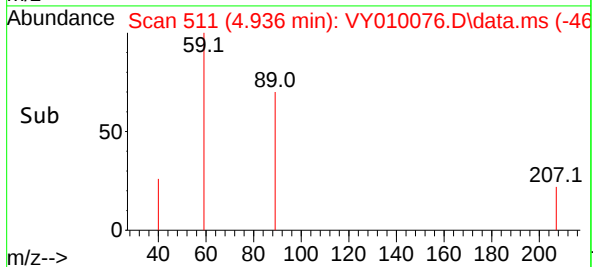
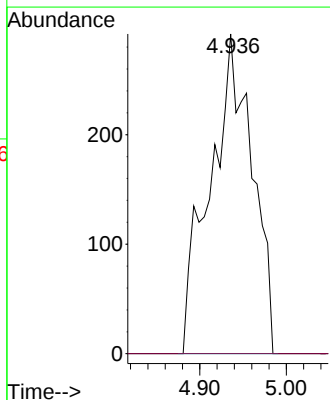
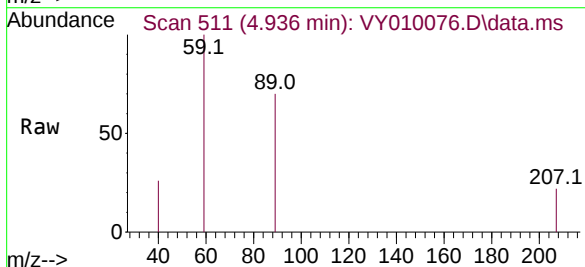
Instrument :
MSVOA_Y
ClientSampleId :
TP4-0815

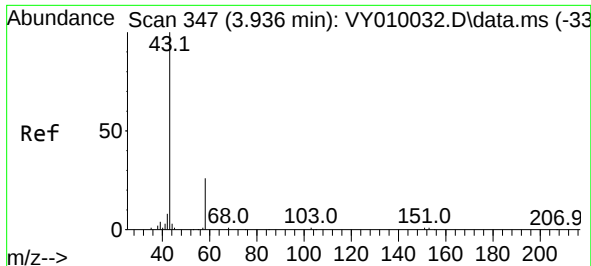
Tgt Ion:168 Resp: 67213
Ion Ratio Lower Upper
168 100
99 51.4 37.7 56.5



#11
Tert butyl alcohol
Concen: 15.102 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY010076.D
Acq: 17 Aug 2022 18:12

Tgt Ion: 59 Resp: 987
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#





#16

Acetone

Concen: 18.028 ug/l

RT: 3.942 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY010076.D

Acq: 17 Aug 2022 18:12

Instrument :

MSVOA_Y

ClientSampleId :

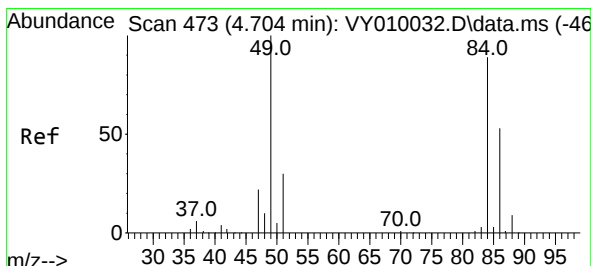
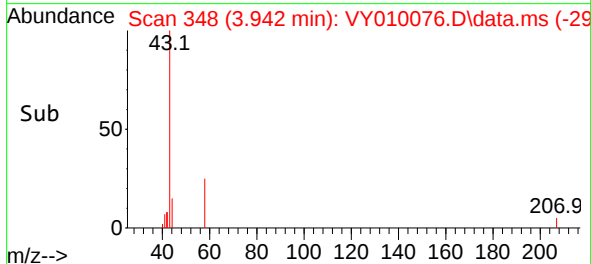
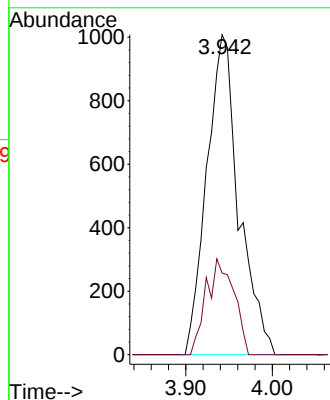
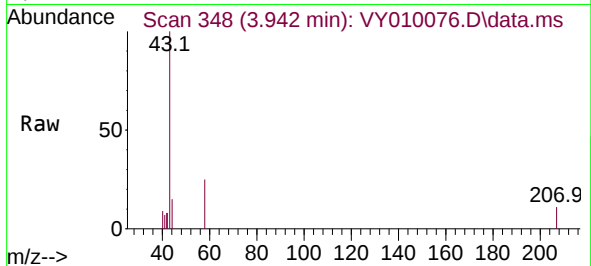
TP4-0815

Tgt Ion: 43 Resp: 2595

Ion Ratio Lower Upper

43 100

58 25.5 21.4 32.0



#20

Methylene Chloride

Concen: 8.294 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.006 min

Lab File: VY010076.D

Acq: 17 Aug 2022 18:12

Tgt Ion: 84 Resp: 7395

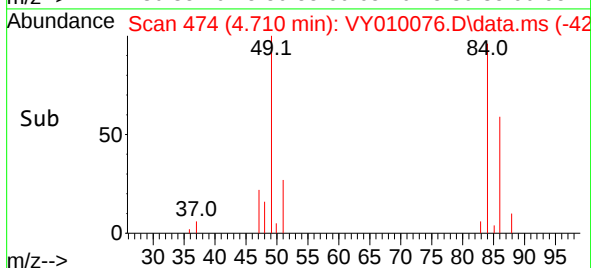
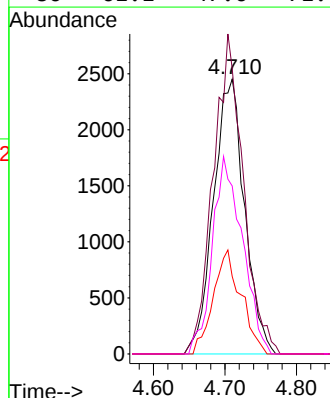
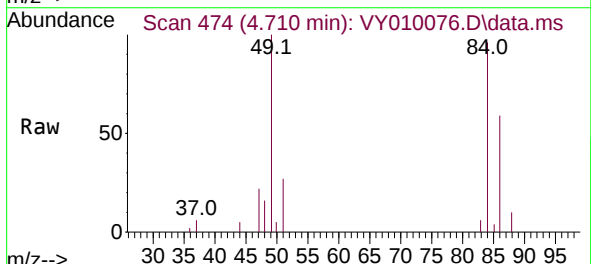
Ion Ratio Lower Upper

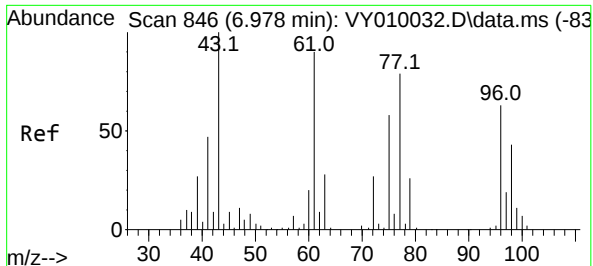
84 100

49 103.8 89.5 134.3

51 28.2 26.8 40.2

86 61.1 47.6 71.4





#25

2-Butanone

Concen: 12.208 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY010076.D

Acq: 17 Aug 2022 18:12

Instrument :

MSVOA_Y

ClientSampleId :

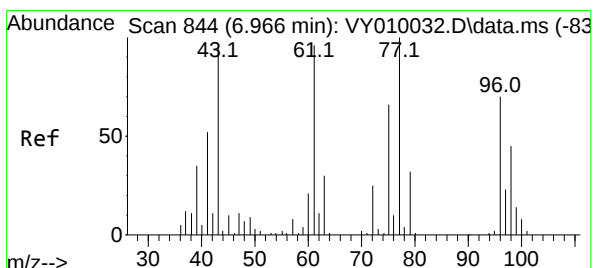
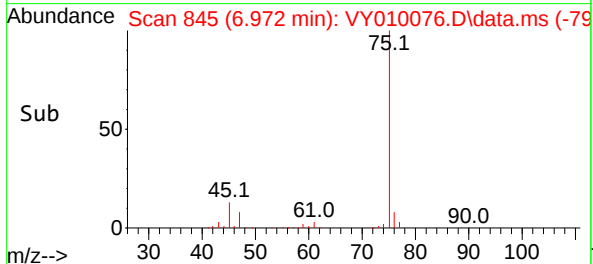
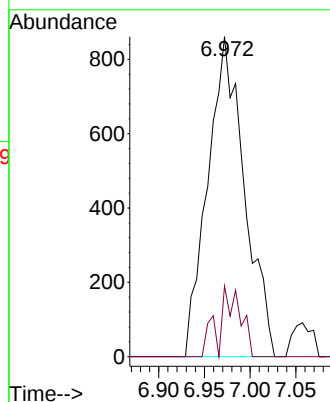
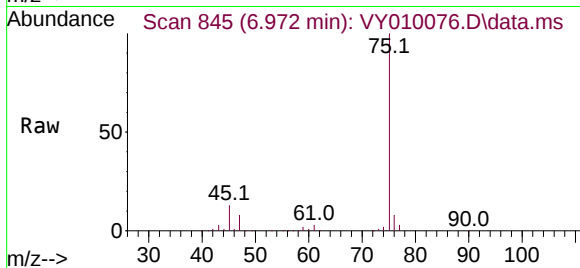
TP4-0815

Tgt Ion: 43 Resp: 2404

Ion Ratio Lower Upper

43 100

72 22.1 21.7 32.5



#26

2,2-Dichloropropane

Concen: 3.436 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.000 min

Lab File: VY010076.D

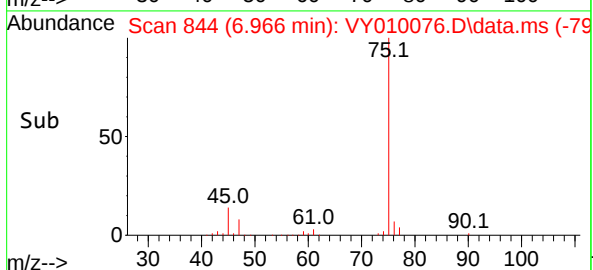
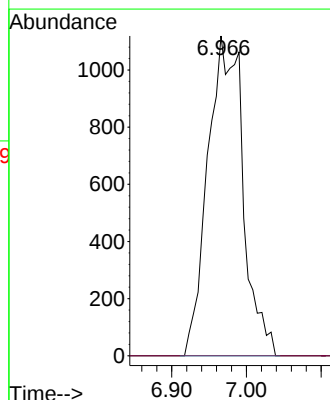
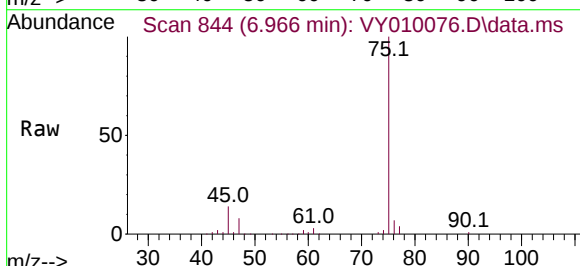
Acq: 17 Aug 2022 18:12

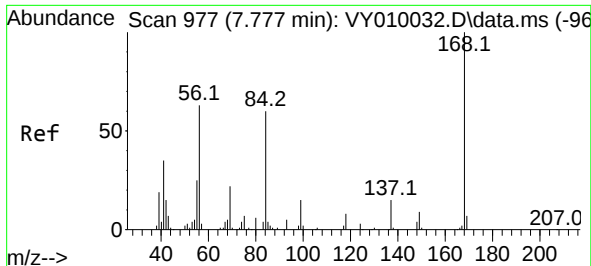
Tgt Ion: 77 Resp: 3653

Ion Ratio Lower Upper

77 100

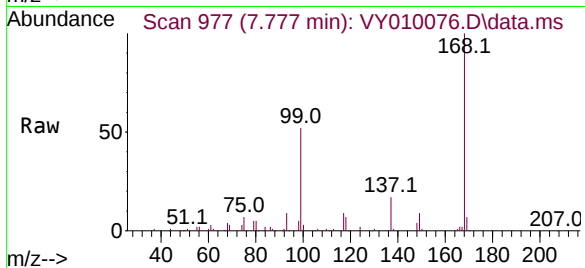
97 0.0 11.2 33.6#



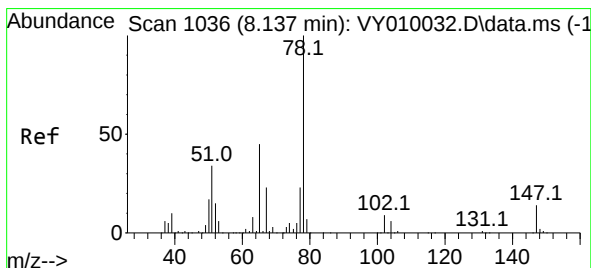
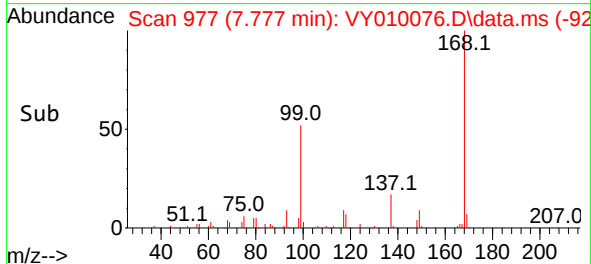
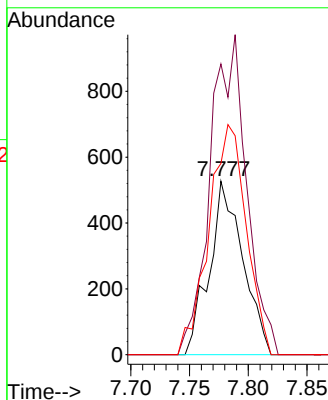


#31
Cyclohexane
Concen: 1.103 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010076.D
Acq: 17 Aug 2022 18:12

Instrument :
MSVOA_Y
ClientSampleId :
TP4-0815

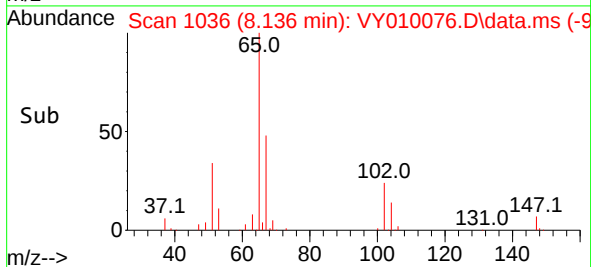
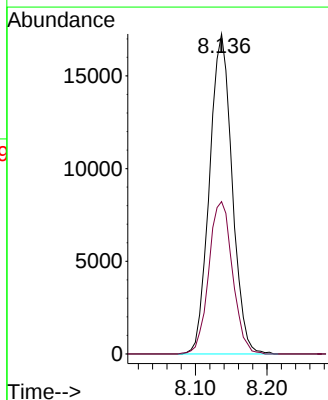
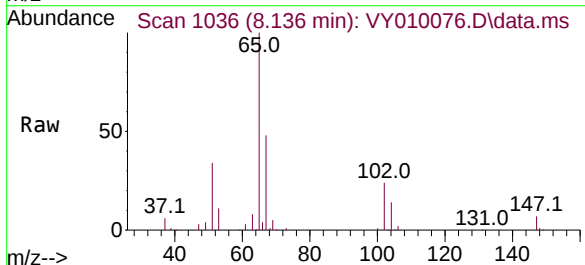


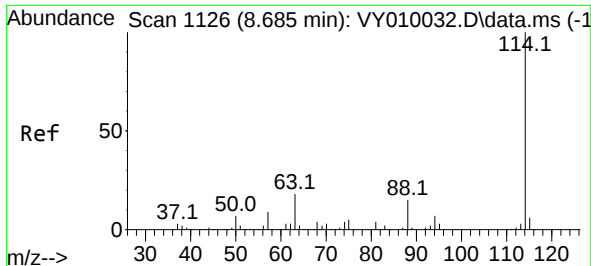
Tgt Ion: 56 Resp: 1047
Ion Ratio Lower Upper
56 100
69 167.6 28.6 43.0#
84 110.2 76.0 114.0



#33
1,2-Dichloroethane-d4
Concen: 56.398 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY010076.D
Acq: 17 Aug 2022 18:12

Tgt Ion: 65 Resp: 37902
Ion Ratio Lower Upper
65 100
67 50.0 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: VY010076.D

Acq: 17 Aug 2022 18:12

Instrument :

MSVOA_Y

ClientSampleId :

TP4-0815

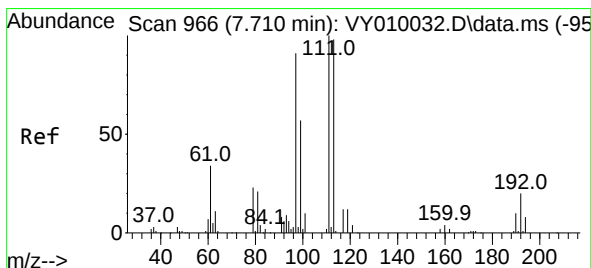
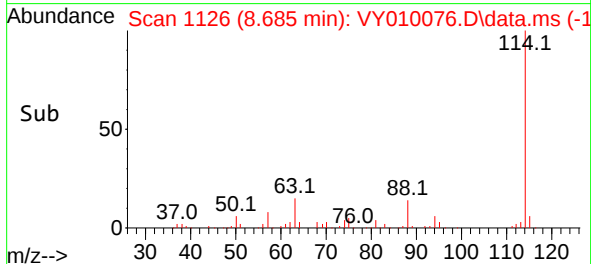
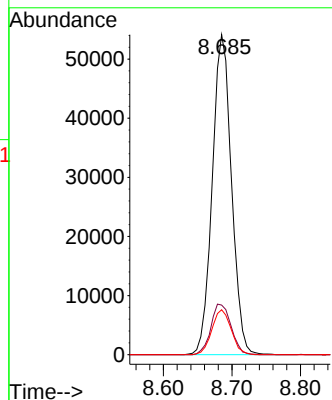
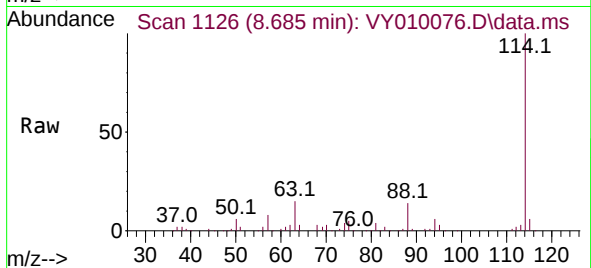
Tgt Ion:114 Resp: 105572

Ion Ratio Lower Upper

114 100

63 15.5 0.0 35.2

88 14.1 0.0 30.2



#35

Dibromofluoromethane

Concen: 55.663 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010076.D

Acq: 17 Aug 2022 18:12

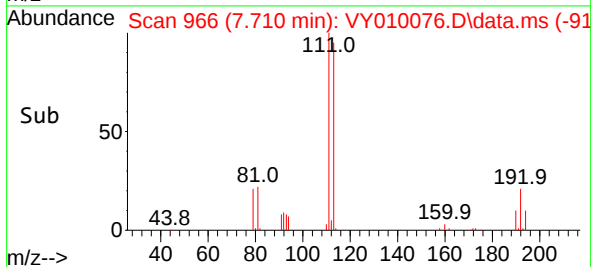
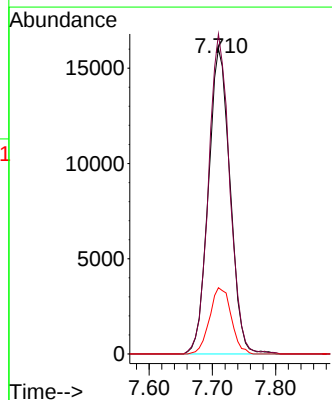
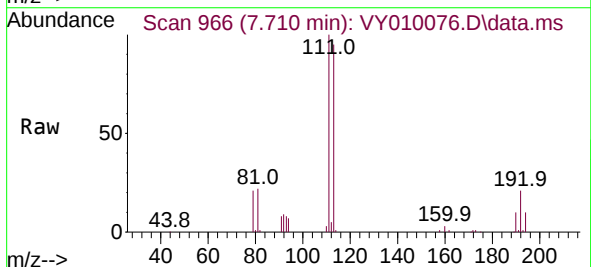
Tgt Ion:113 Resp: 38109

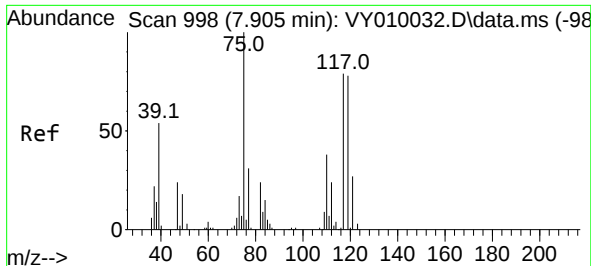
Ion Ratio Lower Upper

113 100

111 102.8 82.7 124.1

192 21.6 17.2 25.8

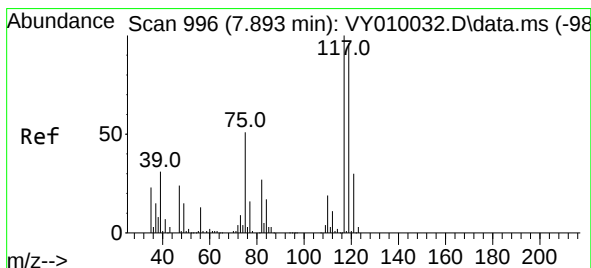
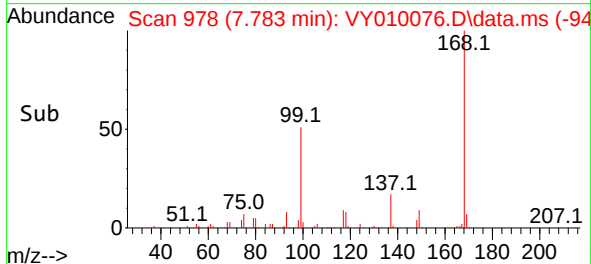
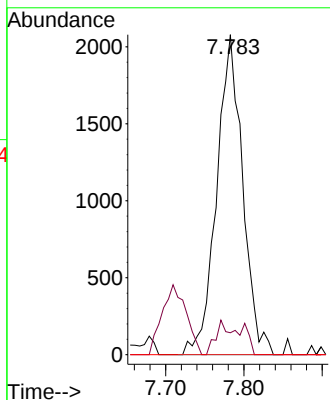
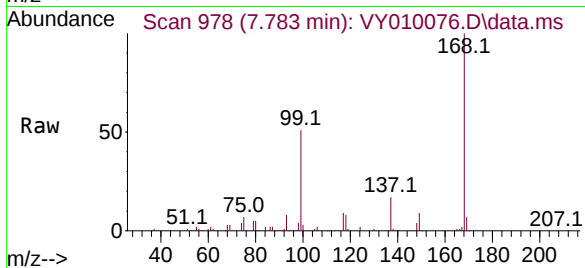




#36
1,1-Dichloropropene
Concen: 5.024 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY010076.D
Acq: 17 Aug 2022 18:12

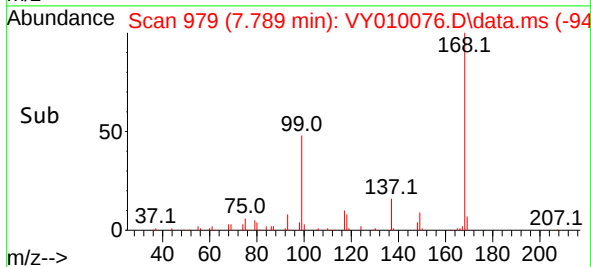
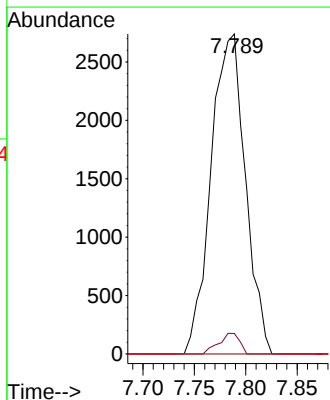
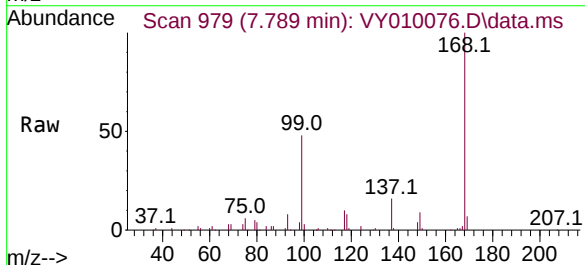
Instrument :
MSVOA_Y
ClientSampleId :
TP4-0815

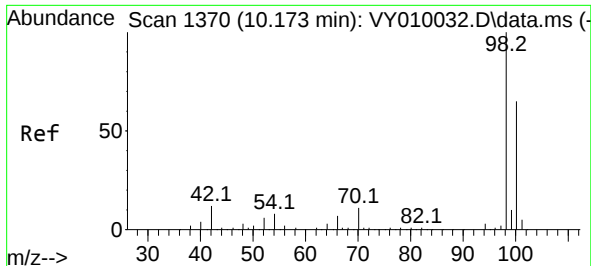
Tgt Ion: 75 Resp: 4792
Ion Ratio Lower Upper
75 100
110 5.4 18.4 55.4#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 5.420 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.104 min
Lab File: VY010076.D
Acq: 17 Aug 2022 18:12

Tgt Ion: 117 Resp: 6357
Ion Ratio Lower Upper
117 100
119 6.4 77.0 115.6#
121 0.0 24.2 36.4#

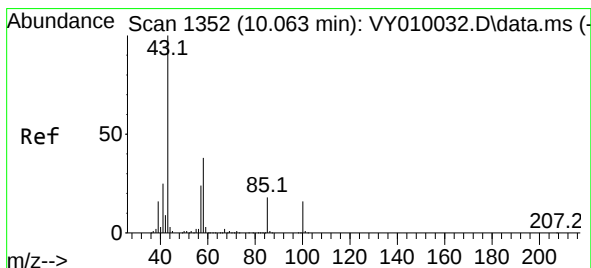
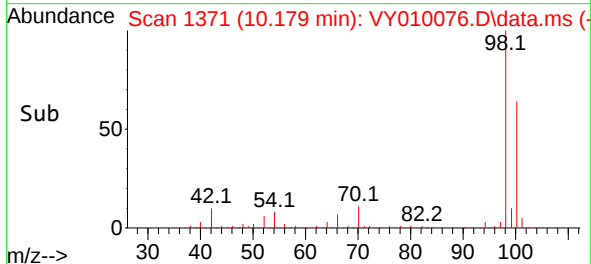
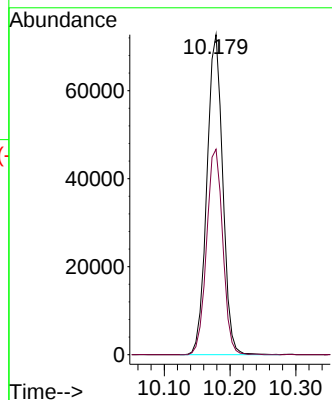
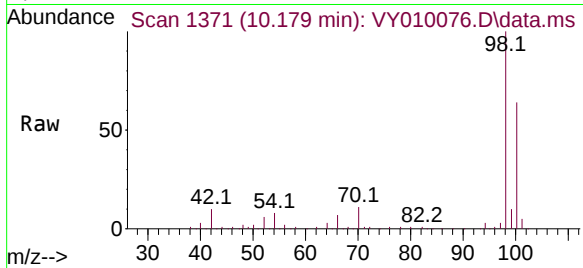




#50
Toluene-d8
Concen: 48.043 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010076.D
Acq: 17 Aug 2022 18:12

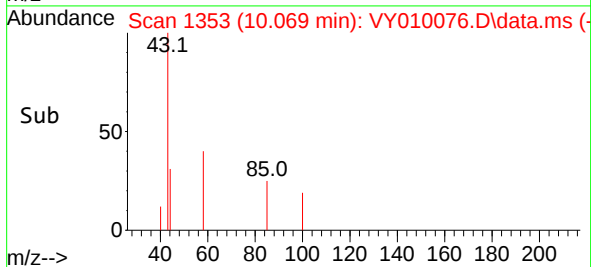
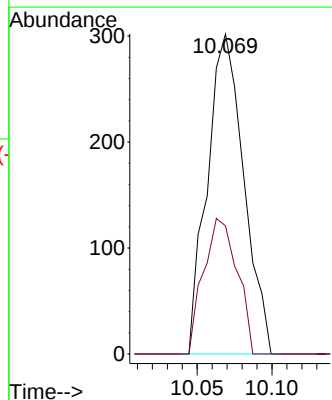
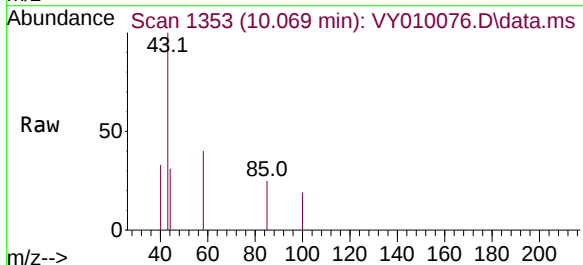
Instrument :
MSVOA_Y
ClientSampleId :
TP4-0815

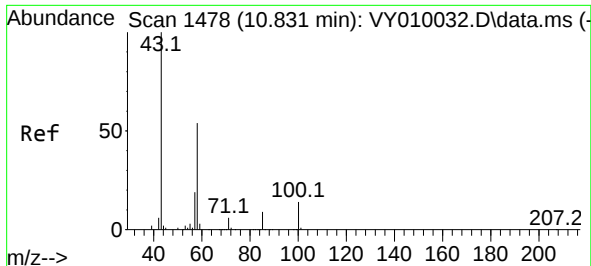
Tgt Ion: 98 Resp: 121691
Ion Ratio Lower Upper
98 100
100 65.6 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 1.016 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.006 min
Lab File: VY010076.D
Acq: 17 Aug 2022 18:12

Tgt Ion: 43 Resp: 511
Ion Ratio Lower Upper
43 100
58 39.1 29.8 44.8

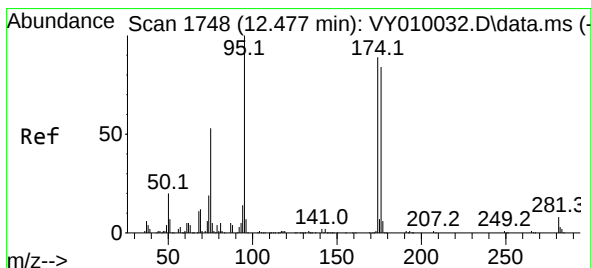
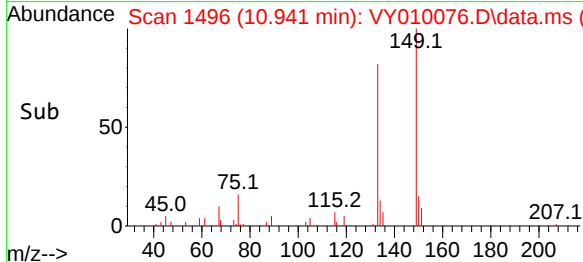
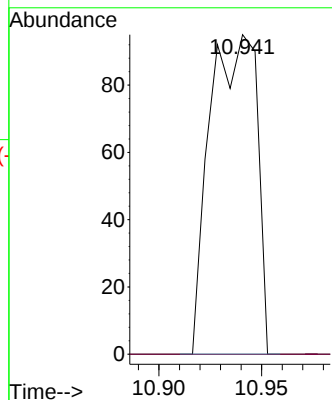
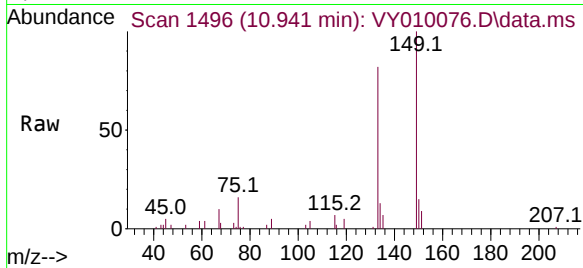




#59
2-Hexanone
Concen: 24.505 ug/l
RT: 10.941 min Scan# 1478
Delta R.T. 0.110 min
Lab File: VY010076.D
Acq: 17 Aug 2022 18:12

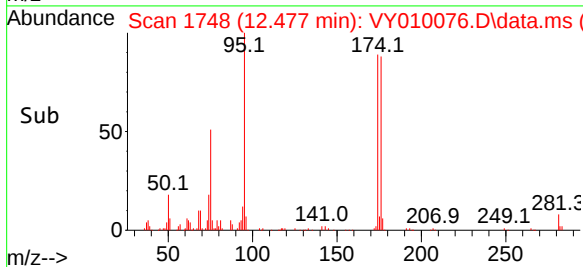
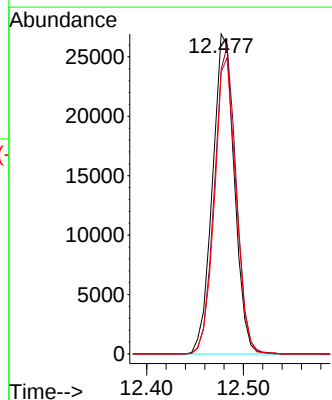
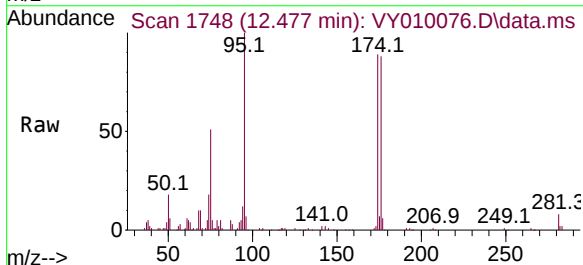
Instrument :
MSVOA_Y
ClientSampleId :
TP4-0815

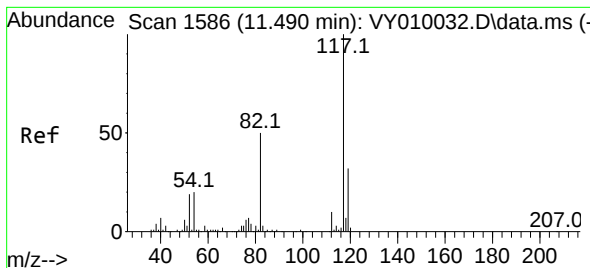
Tgt Ion: 43 Resp: 151
Ion Ratio Lower Upper
43 100
58 0.0 26.3 78.9#



#62
4-Bromofluorobenzene
Concen: 47.563 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010076.D
Acq: 17 Aug 2022 18:12

Tgt Ion: 95 Resp: 42315
Ion Ratio Lower Upper
95 100
174 95.3 0.0 184.2
176 90.6 0.0 178.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 117

Delta R.T. -0.001 min

Lab File: VY010076.D

Acq: 17 Aug 2022 18:12

Instrument :

MSVOA_Y

ClientSampleId :

TP4-0815

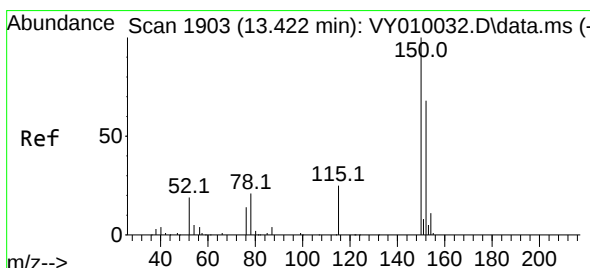
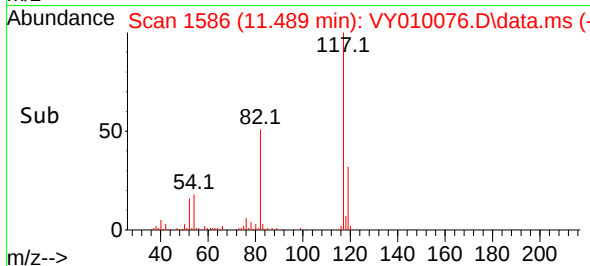
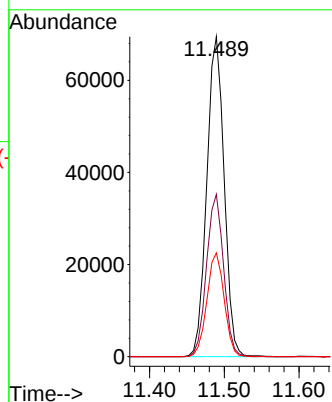
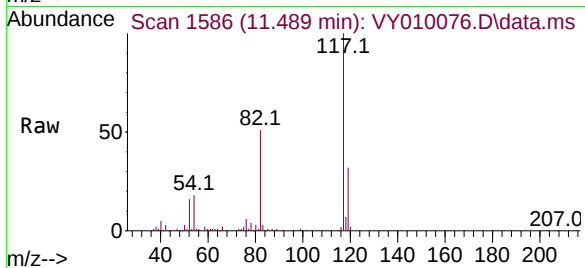
Tgt Ion:117 Resp: 111780

Ion Ratio Lower Upper

117 100

82 50.8 39.8 59.6

119 32.5 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: VY010076.D

Acq: 17 Aug 2022 18:12

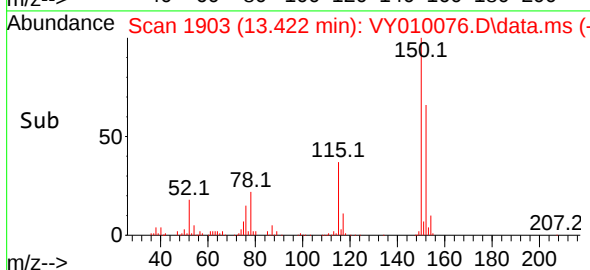
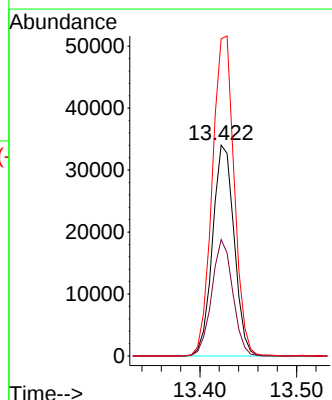
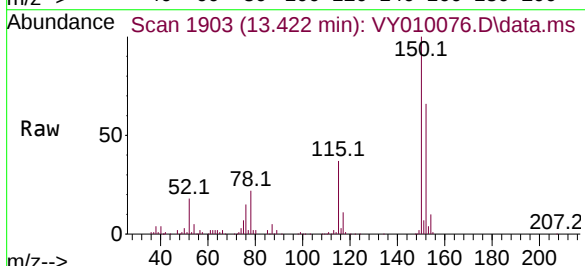
Tgt Ion:152 Resp: 52681

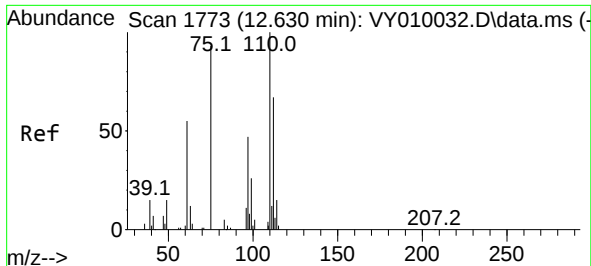
Ion Ratio Lower Upper

152 100

115 53.7 28.1 84.3

150 154.2 0.0 346.6

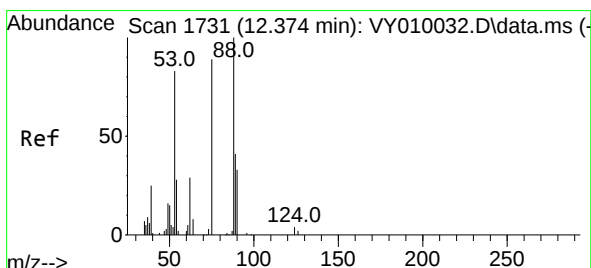
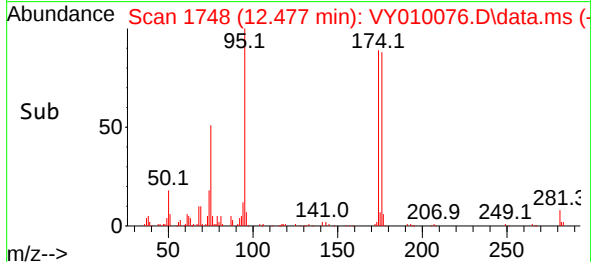
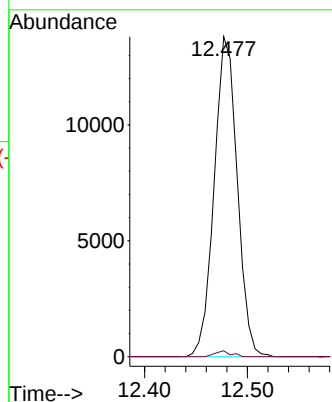
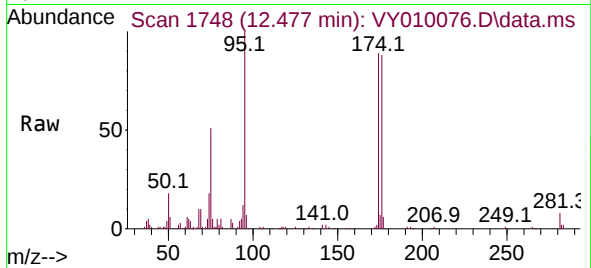




#76
1,2,3-Trichloropropane
Concen: 43.049 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY010076.D
Acq: 17 Aug 2022 18:12

Instrument :
MSVOA_Y
ClientSampleId :
TP4-0815

Tgt Ion: 75 Resp: 21497
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.286 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY010076.D
Acq: 17 Aug 2022 18:12

Tgt Ion: 75 Resp: 21497
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 37.8 56.6#

