

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081122\
 Data File : VY009978.D
 Acq On : 11 Aug 2022 20:52
 Operator : KP/MD
 Sample : N4119-01RE
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP1-2-4FT

Quant Time: Aug 12 02:51:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 17:37:28 2022
 Response via : Initial Calibration

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

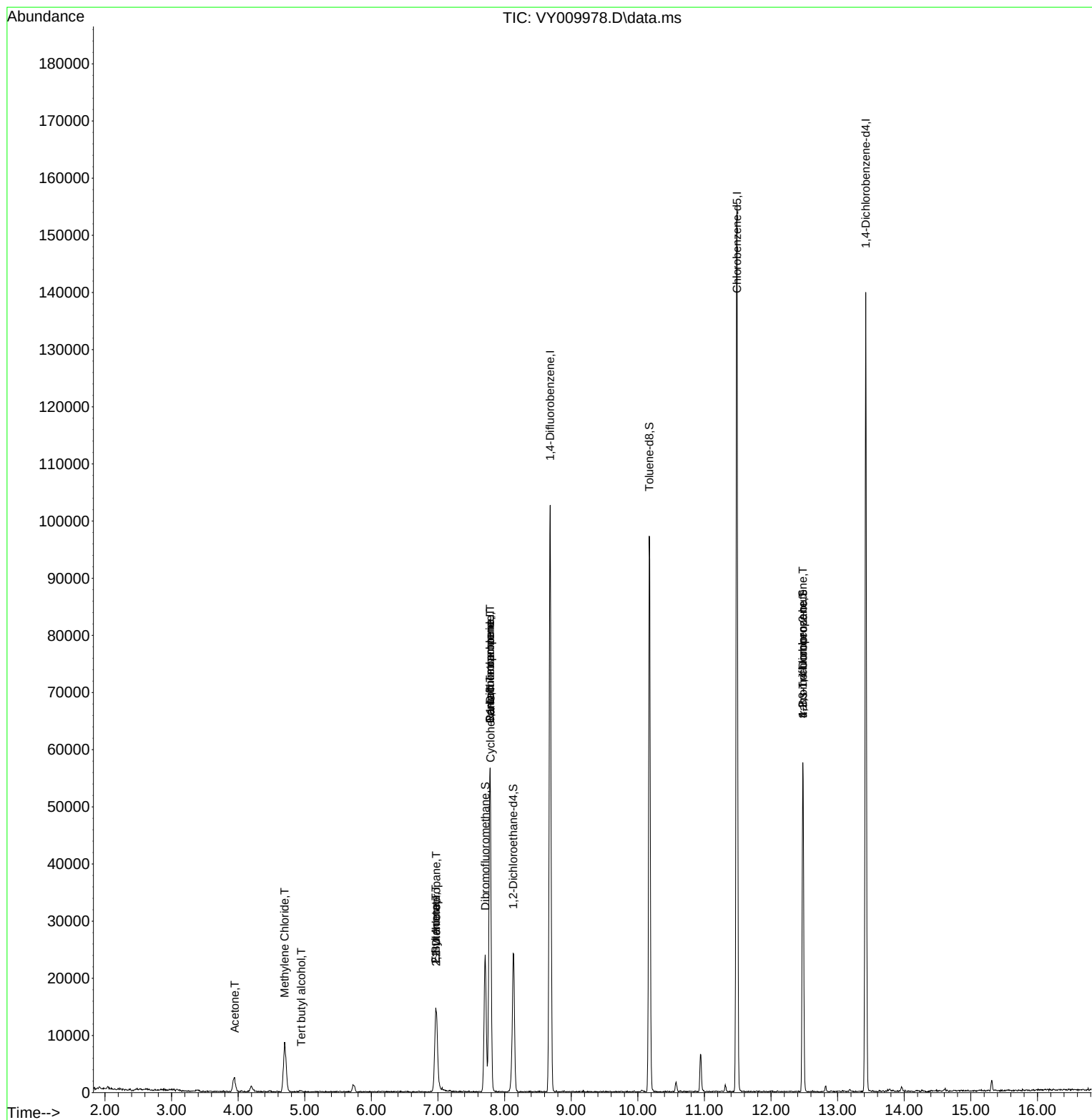
Internal Standards						
1) Pentafluorobenzene	7.783	168	43073	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	85768	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	83537	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	32873	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	16854	50.351	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.700%			
35) Dibromofluoromethane	7.710	113	16683	33.807	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 67.620%			
50) Toluene-d8	10.173	98	61839	41.892	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 83.780%			
62) 4-Bromofluorobenzene	12.477	95	17229	24.834	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 49.660%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.948	59	109	2.591	ug/l #	78
16) Acetone	3.948	43	4375	40.374	ug/l #	82
18) Methyl Acetate	4.472	43	149	Below Cal	#	52
20) Methylene Chloride	4.698	84	5981	7.502	ug/l #	89
25) 2-Butanone	6.966	43	872	4.703	ug/l #	77
26) 2,2-Dichloropropane	6.972	77	1121	1.505	ug/l #	52
31) Cyclohexane	7.789	56	1113	1.207	ug/l #	12
36) 1,1-Dichloropropene	7.783	75	3756	4.372	ug/l #	47
37) Ethyl Acetate	6.966	43	872	1.738	ug/l #	26
38) Carbon Tetrachloride	7.783	117	4422	5.374	ug/l #	20
76) 1,2,3-Trichloropropane	12.477	75	8705	24.805	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	8705	48.283	ug/l #	13

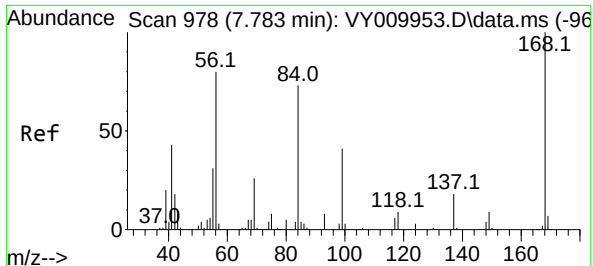
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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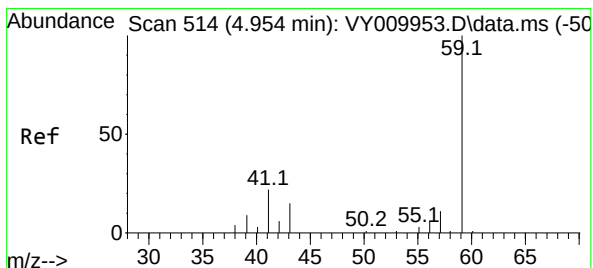
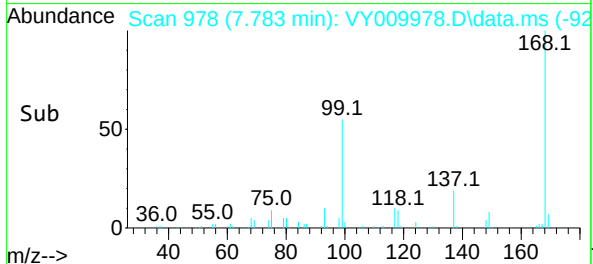
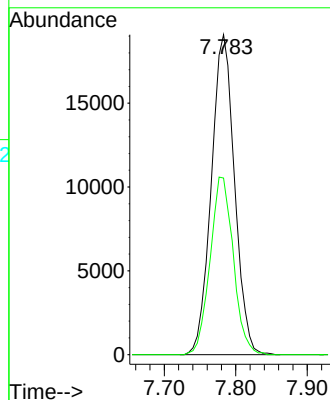
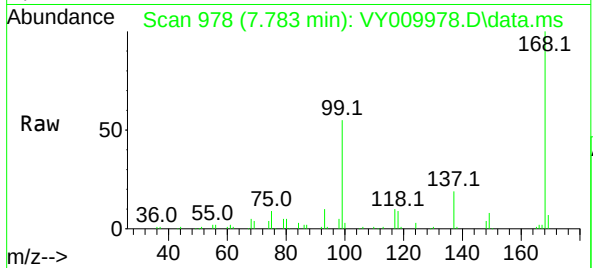




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009978.D
Acq: 11 Aug 2022 20:52

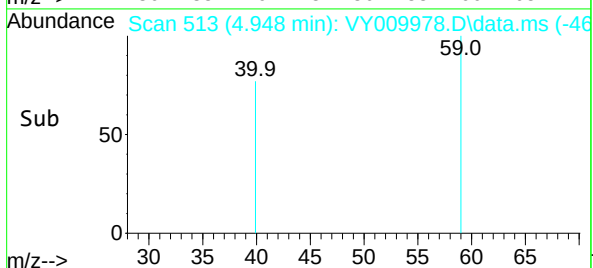
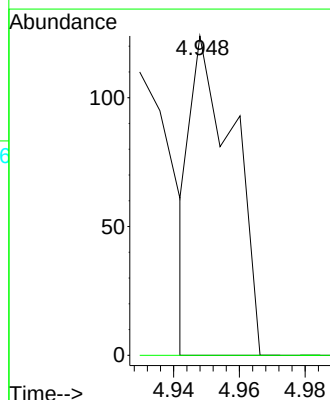
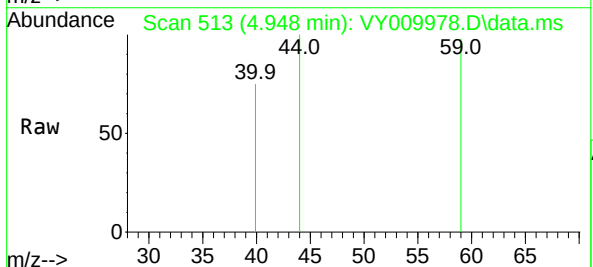
Instrument :
MSVOA_Y
ClientSampleId :
TP1-2-4FT

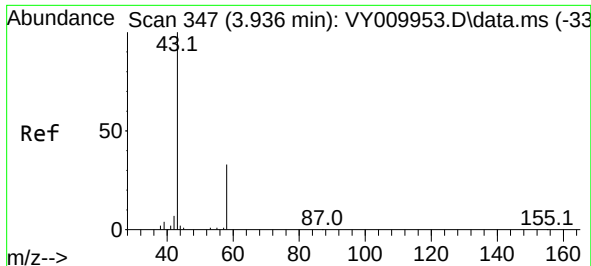
Tgt Ion:168 Resp: 43073
Ion Ratio Lower Upper
168 100
99 55.2 42.1 63.1



#11
Tert butyl alcohol
Concen: 2.591 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY009978.D
Acq: 11 Aug 2022 20:52

Tgt Ion: 59 Resp: 109
Ion Ratio Lower Upper
59 100
57 0.0 6.3 9.5#

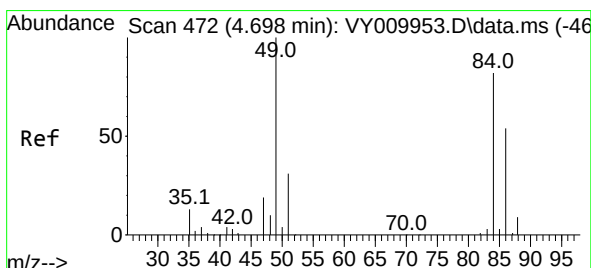
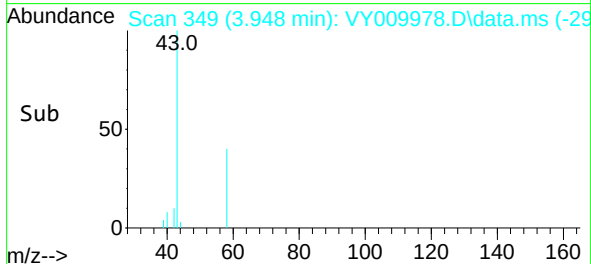
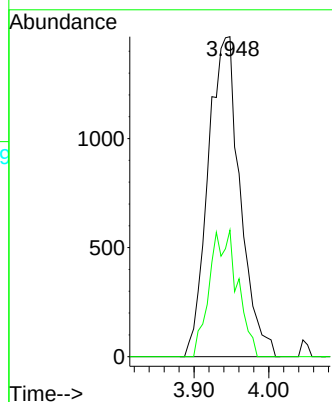
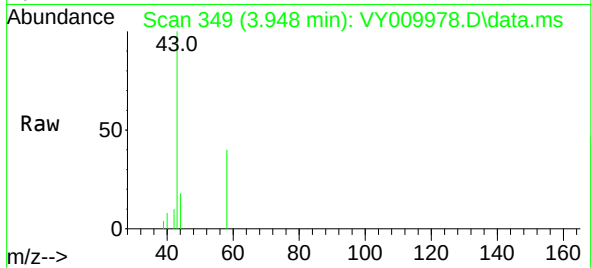




#16
Acetone
Concen: 40.374 ug/l
RT: 3.948 min Scan# 347
Delta R.T. 0.012 min
Lab File: VY009978.D
Acq: 11 Aug 2022 20:52

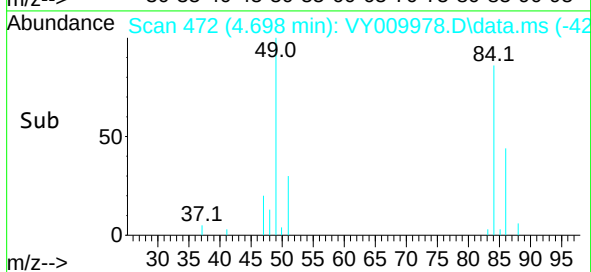
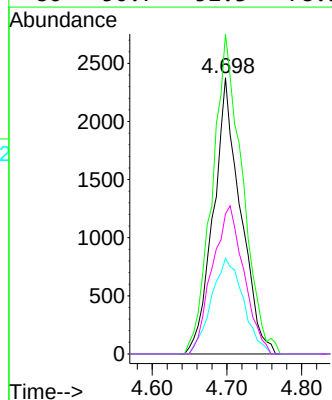
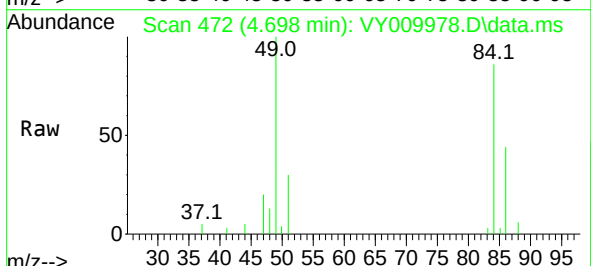
Instrument :
MSVOA_Y
ClientSampleId :
TP1-2-4FT

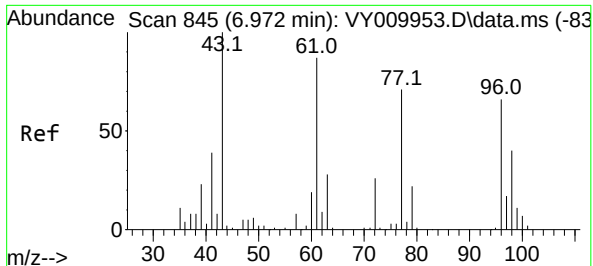
Tgt Ion: 43 Resp: 4375
Ion Ratio Lower Upper
43 100
58 39.5 24.0 36.0#



#20
Methylene Chloride
Concen: 7.502 ug/l
RT: 4.698 min Scan# 472
Delta R.T. 0.000 min
Lab File: VY009978.D
Acq: 11 Aug 2022 20:52

Tgt Ion: 84 Resp: 5981
Ion Ratio Lower Upper
84 100
49 115.9 98.2 147.4
51 34.6 33.4 50.0
86 50.7 52.3 78.5#





#25

2-Butanone

Concen: 4.703 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.006 min

Lab File: VY009978.D

Acq: 11 Aug 2022 20:52

Instrument :

MSVOA_Y

ClientSampleId :

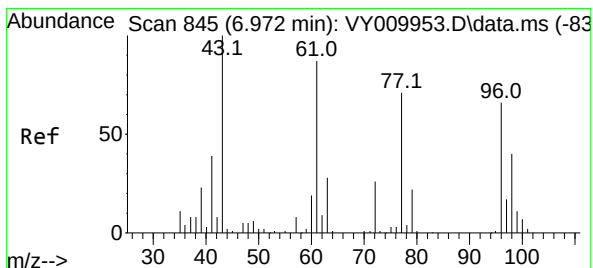
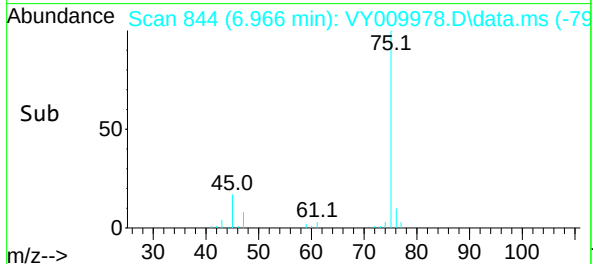
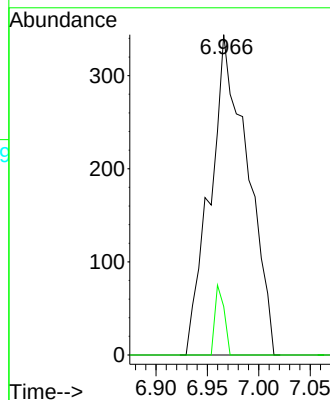
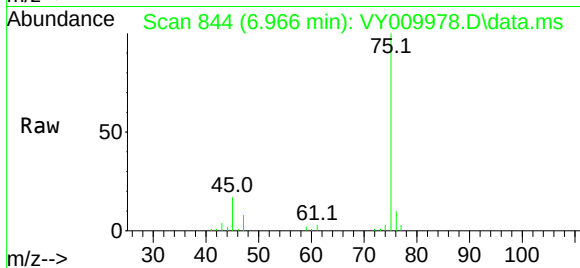
TP1-2-4FT

Tgt Ion: 43 Resp: 872

Ion Ratio Lower Upper

43 100

72 15.1 21.5 32.3#



#26

2,2-Dichloropropane

Concen: 1.505 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY009978.D

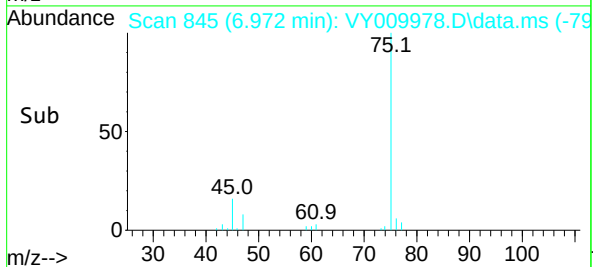
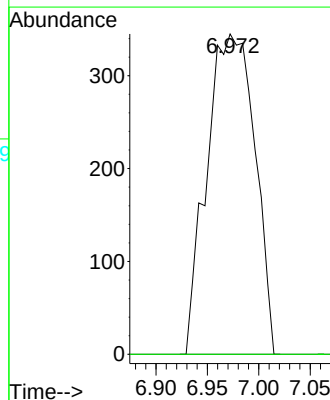
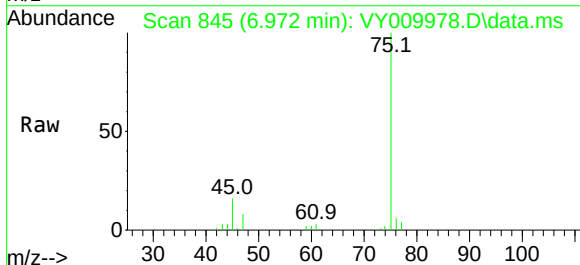
Acq: 11 Aug 2022 20:52

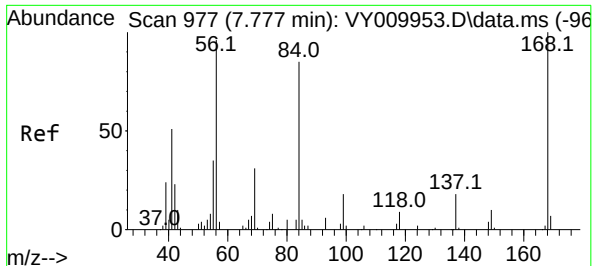
Tgt Ion: 77 Resp: 1121

Ion Ratio Lower Upper

77 100

97 0.0 11.7 35.0#

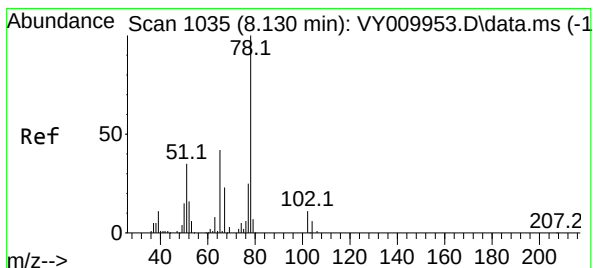
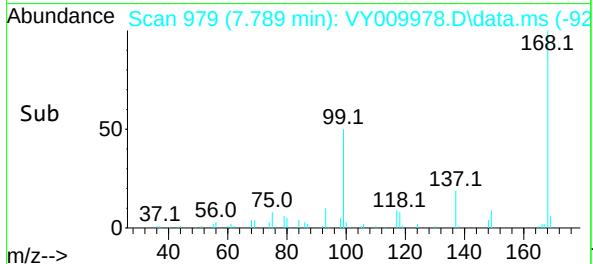
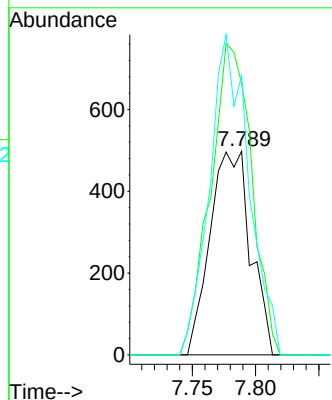
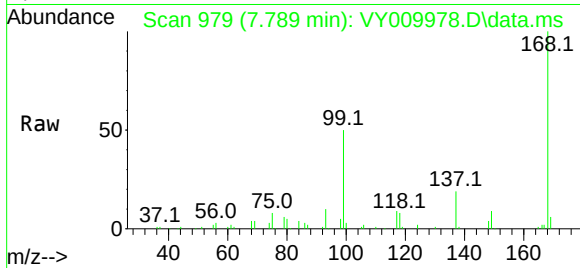




#31
Cyclohexane
Concen: 1.207 ug/l
RT: 7.789 min Scan# 911
Delta R.T. 0.012 min
Lab File: VY009978.D
Acq: 11 Aug 2022 20:52

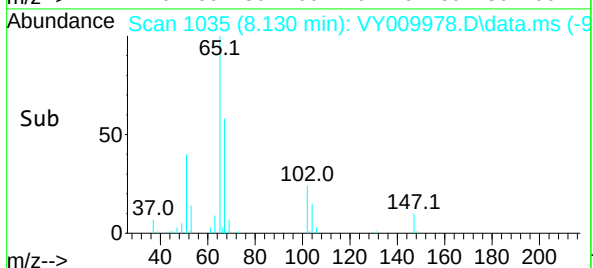
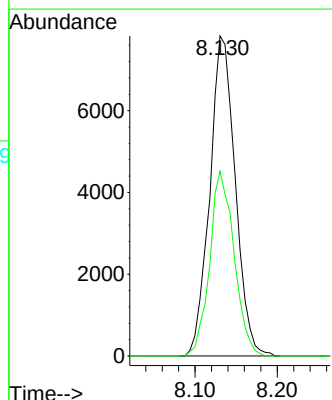
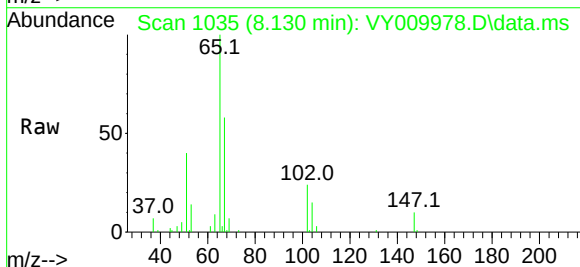
Instrument :
MSVOA_Y
ClientSampleId :
TP1-2-4FT

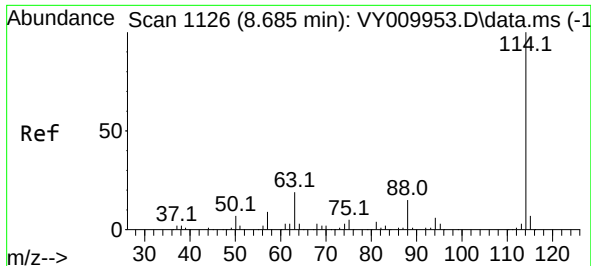
Tgt Ion: 56 Resp: 1113
Ion Ratio Lower Upper
56 100
69 133.1 26.0 39.0#
84 137.1 69.5 104.3#



#33
1,2-Dichloroethane-d4
Concen: 50.351 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY009978.D
Acq: 11 Aug 2022 20:52

Tgt Ion: 65 Resp: 16854
Ion Ratio Lower Upper
65 100
67 55.3 0.0 108.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009978.D

Acq: 11 Aug 2022 20:52

Instrument :

MSVOA_Y

ClientSampleId :

TP1-2-4FT

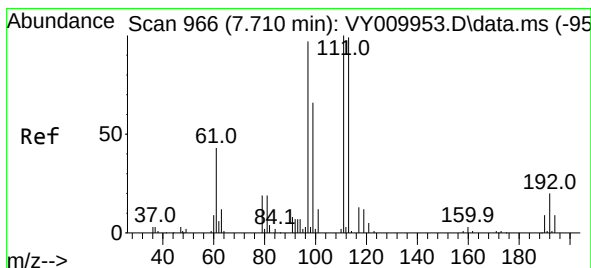
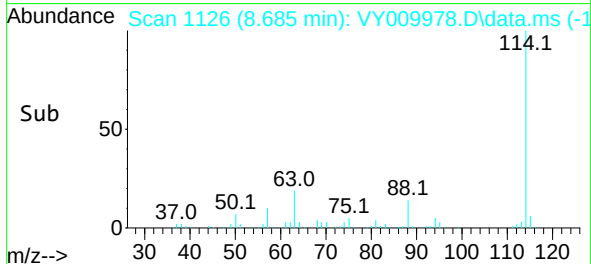
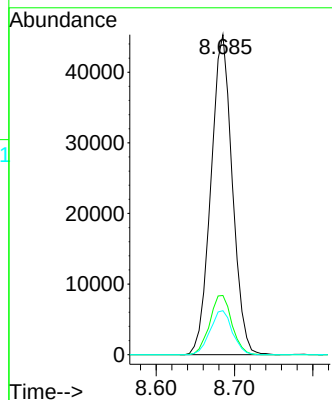
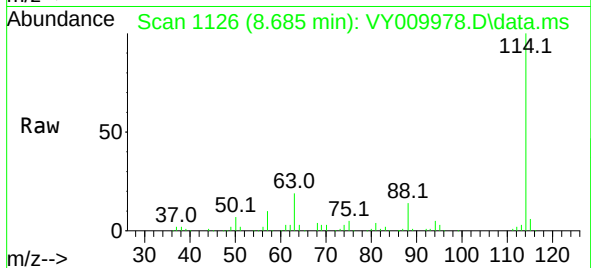
Tgt Ion:114 Resp: 85768

Ion Ratio Lower Upper

114 100

63 18.5 0.0 38.0

88 13.7 0.0 30.0



#35

Dibromofluoromethane

Concen: 33.807 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009978.D

Acq: 11 Aug 2022 20:52

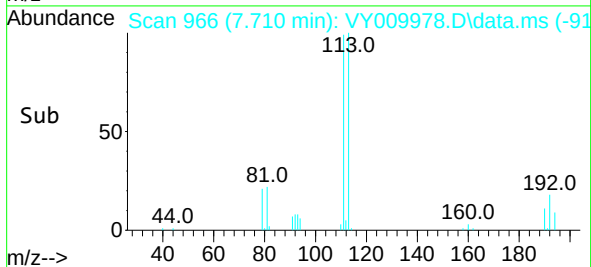
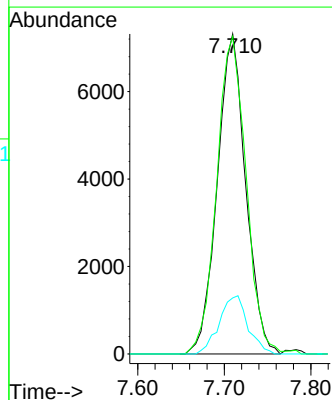
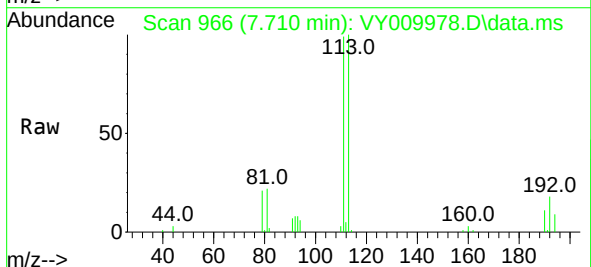
Tgt Ion:113 Resp: 16683

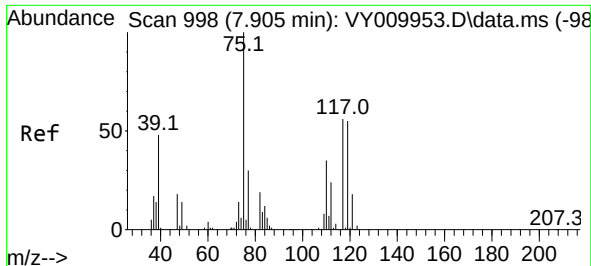
Ion Ratio Lower Upper

113 100

111 102.7 80.6 120.8

192 18.2 16.2 24.4

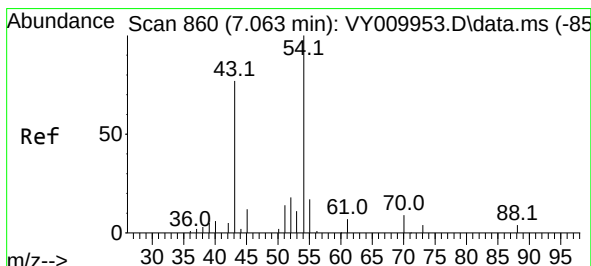
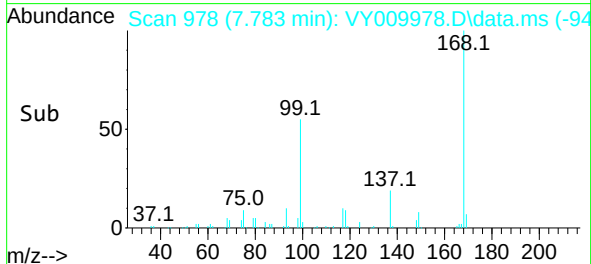
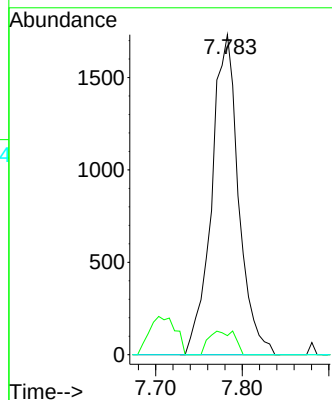
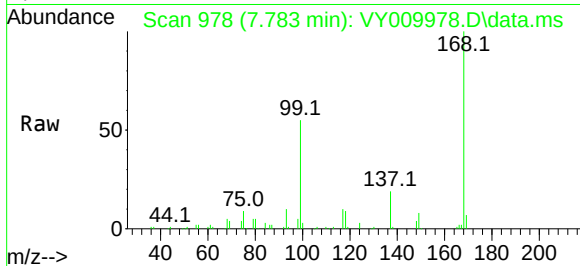




#36
1,1-Dichloropropene
Concen: 4.372 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY009978.D
Acq: 11 Aug 2022 20:52

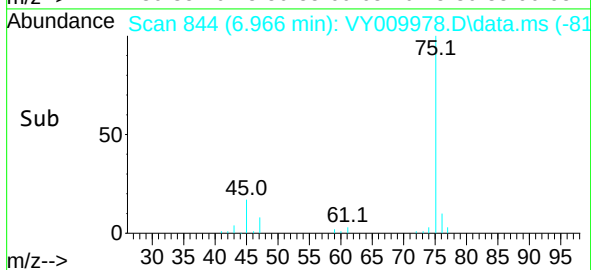
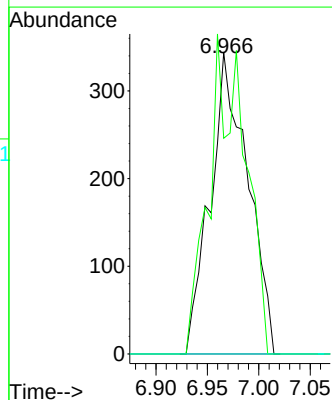
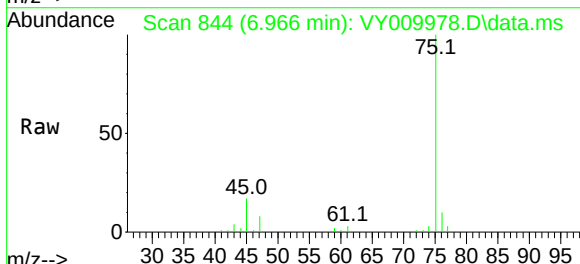
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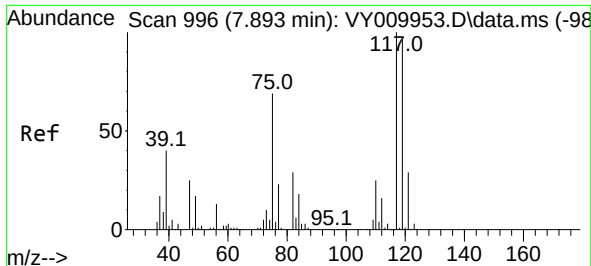
Tgt Ion: 75 Resp: 3756
Ion Ratio Lower Upper
75 100
110 7.1 18.6 56.0#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 1.738 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.097 min
Lab File: VY009978.D
Acq: 11 Aug 2022 20:52

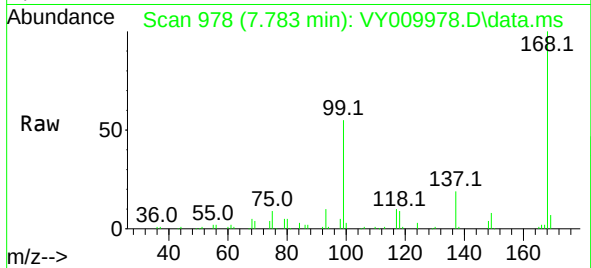
Tgt Ion: 43 Resp: 872
Ion Ratio Lower Upper
43 100
61 58.0 11.2 16.8#
70 0.0 8.4 12.6#



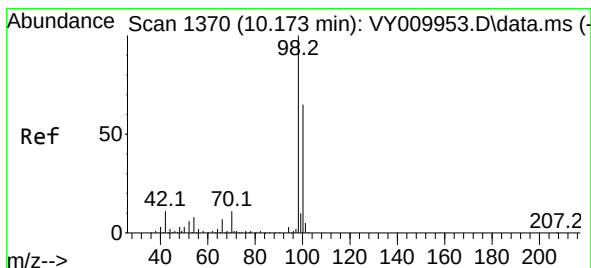
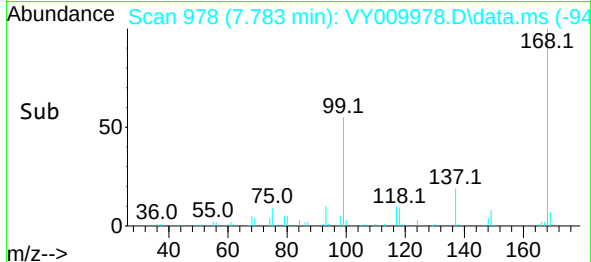
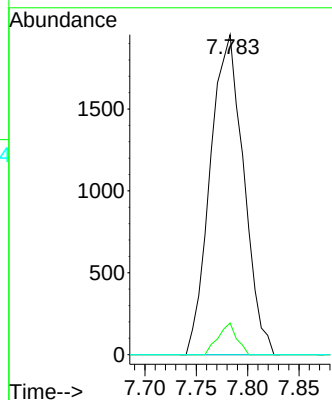


#38
Carbon Tetrachloride
Concen: 5.374 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009978.D
Acq: 11 Aug 2022 20:52

Instrument :
MSVOA_Y
ClientSampleId :
TP1-2-4FT

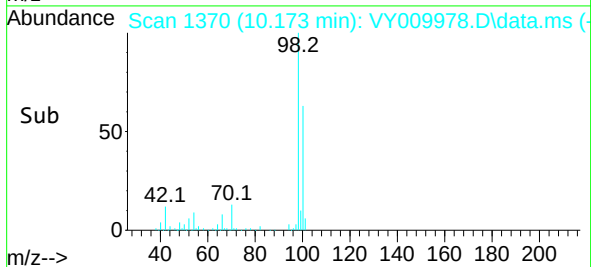
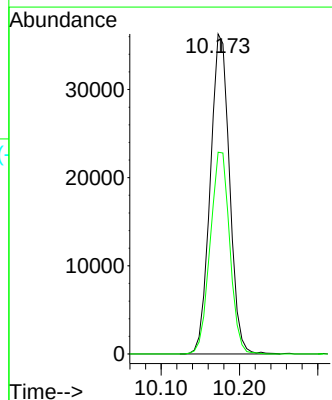
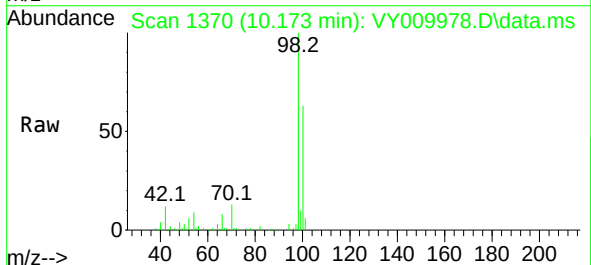


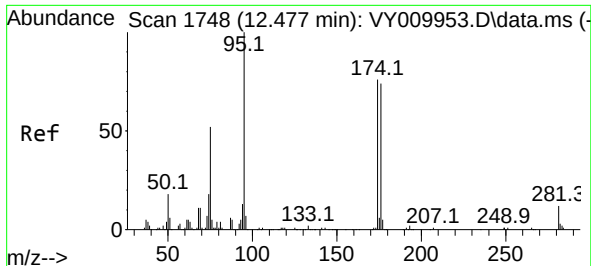
Tgt Ion:117 Resp: 4422
Ion Ratio Lower Upper
117 100
119 9.9 75.9 113.9#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 41.892 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY009978.D
Acq: 11 Aug 2022 20:52

Tgt Ion: 98 Resp: 61839
Ion Ratio Lower Upper
98 100
100 64.2 52.9 79.3

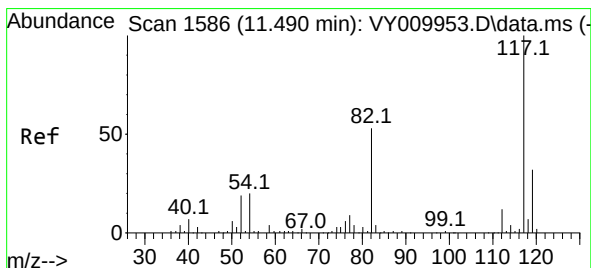
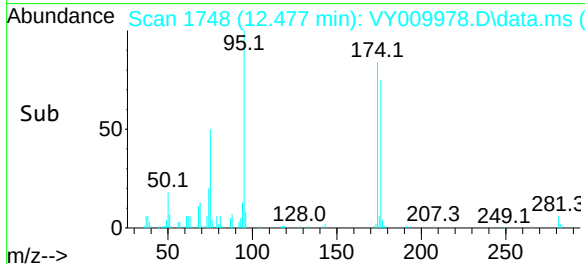
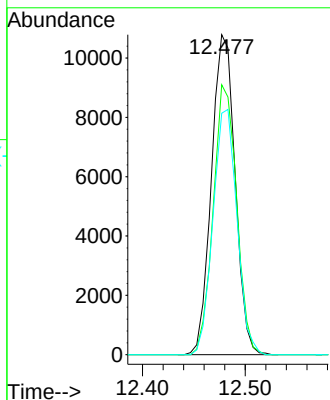
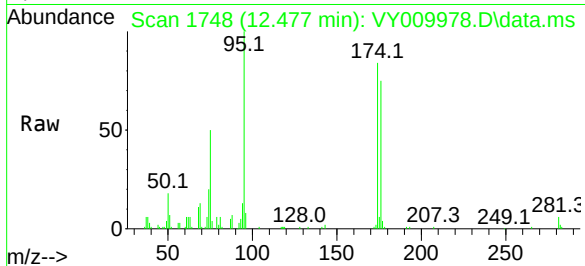




#62
4-Bromofluorobenzene
Concen: 24.834 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009978.D
Acq: 11 Aug 2022 20:52

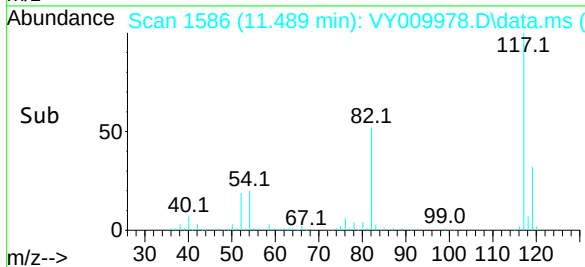
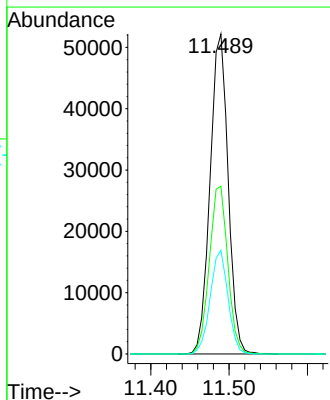
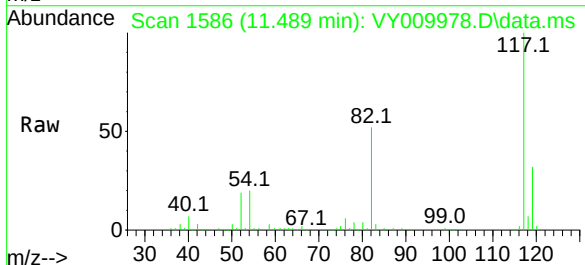
Instrument :
MSVOA_Y
ClientSampleId :
TP1-2-4FT

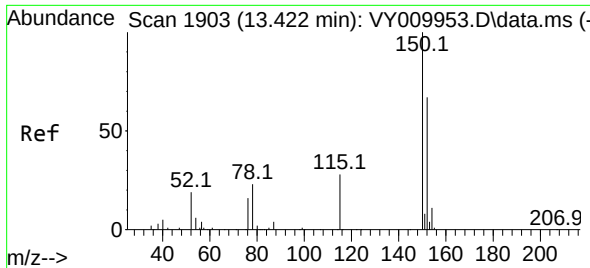
Tgt Ion: 95 Resp: 17229
Ion Ratio Lower Upper
95 100
174 83.5 0.0 173.8
176 77.5 0.0 167.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY009978.D
Acq: 11 Aug 2022 20:52

Tgt Ion: 117 Resp: 83537
Ion Ratio Lower Upper
117 100
82 52.4 41.8 62.6
119 32.4 25.6 38.4

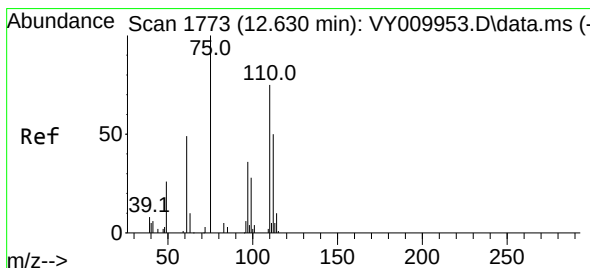
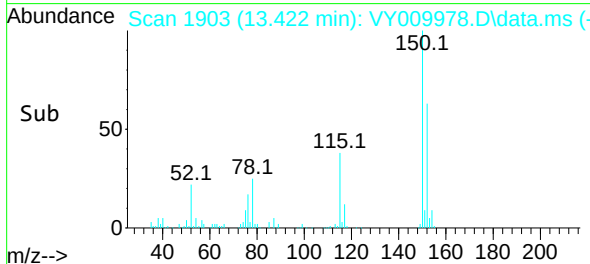
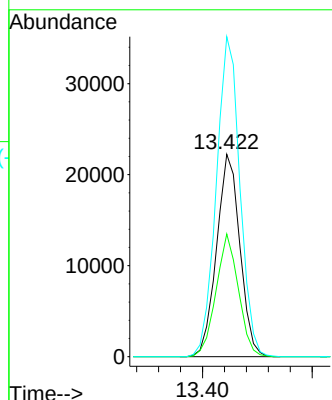
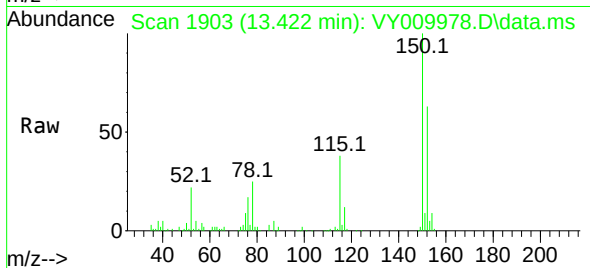




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY009978.D
 Acq: 11 Aug 2022 20:52

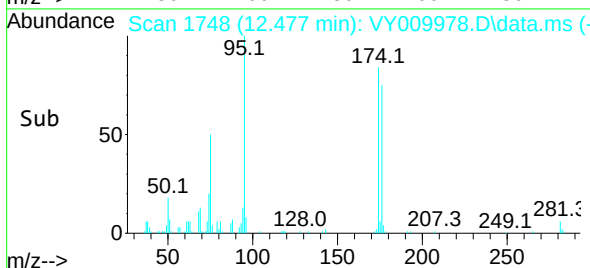
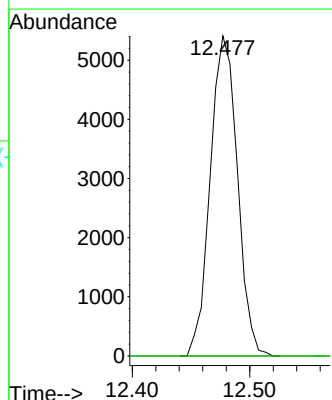
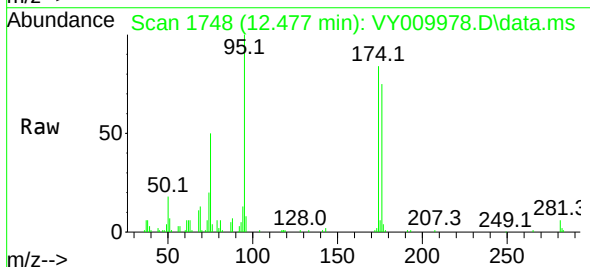
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP1-2-4FT

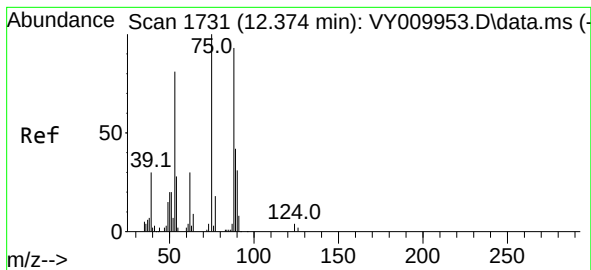
Tgt Ion:152 Resp: 32873
 Ion Ratio Lower Upper
 152 100
 115 58.2 28.6 85.9
 150 159.8 0.0 349.8



#76
 1,2,3-Trichloropropane
 Concen: 24.805 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY009978.D
 Acq: 11 Aug 2022 20:52

Tgt Ion: 75 Resp: 8705
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 48.283 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY009978.D
 Acq: 11 Aug 2022 20:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP1-2-4FT

Tgt Ion: 75 Resp: 8705
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.4 107.2#
 89 0.0 38.1 57.1#

