

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101024\
 Data File : VY019853.D
 Acq On : 10 Oct 2024 14:54
 Operator : SY/MD
 Sample : P4364-05
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 11 01:43:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 05:30:07 2024
 Response via : Initial Calibration

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

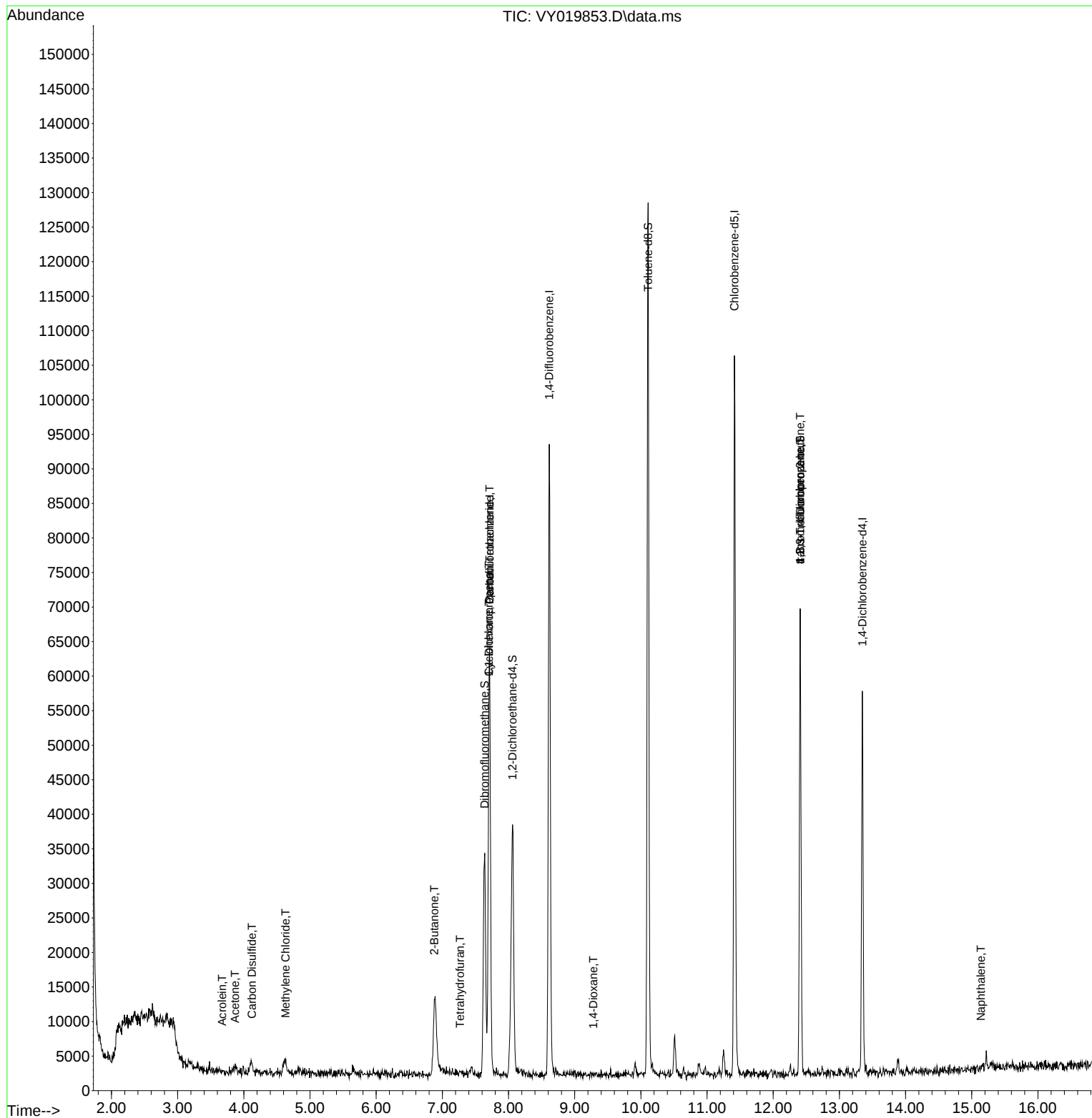
Internal Standards						
1) Pentafluorobenzene	7.713	168	43403	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	74515	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	53089	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	13172	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	23103	43.230	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.460%
35) Dibromofluoromethane	7.640	113	22748	46.262	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.520%
50) Toluene-d8	10.109	98	84117	46.324	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.640%
62) 4-Bromofluorobenzene	12.407	95	18596	28.342	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	56.680%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.842	59	187	Below Cal	#	74
13) Acrolein	3.671	56	59	1.502	ug/l #	14
16) Acetone	3.866	43	716	5.147	ug/l #	77
17) Carbon Disulfide	4.122	76	1516	1.215	ug/l	98
20) Methylene Chloride	4.628	84	1252	2.230	ug/l #	83
25) 2-Butanone	6.878	43	529	2.841	ug/l #	51
29) Tetrahydrofuran	7.268	42	122	1.147	ug/l #	35
31) Cyclohexane	7.701	56	1423	1.594	ug/l #	41
36) 1,1-Dichloropropene	7.701	75	4402	6.214	ug/l #	50
38) Carbon Tetrachloride	7.713	117	5168	6.805	ug/l #	14
49) 1,4-Dioxane	9.280	88	29	8.838	ug/l #	25
76) 1,2,3-Trichloropropane	12.407	75	10556	76.963	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	10556	165.123	ug/l #	8
95) Naphthalene	15.139	128	560	1.269	ug/l #	69

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101024\
Data File : VY019853.D
Acq On : 10 Oct 2024 14:54
Operator : SY/MD
Sample : P4364-05
Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Oct 11 01:43:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 10 05:30:07 2024
Response via : Initial Calibration

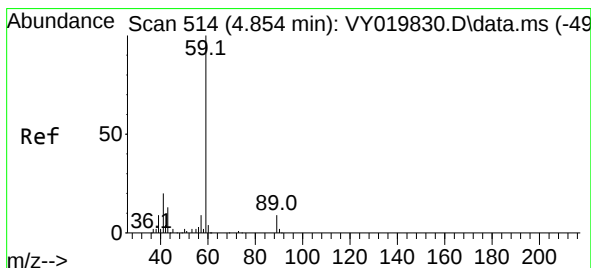
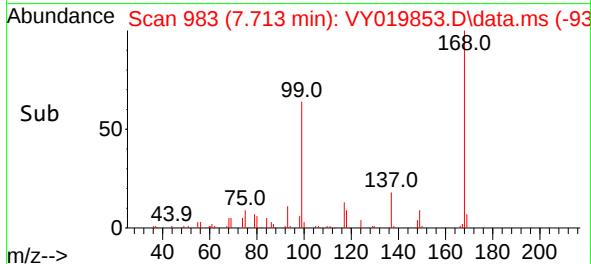
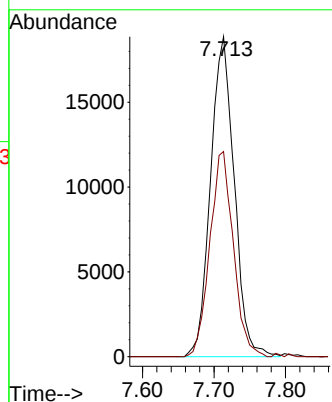
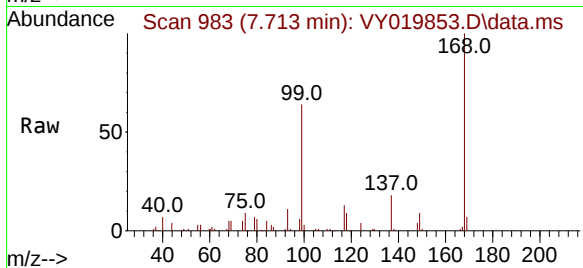




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019853.D
Acq: 10 Oct 2024 14:54

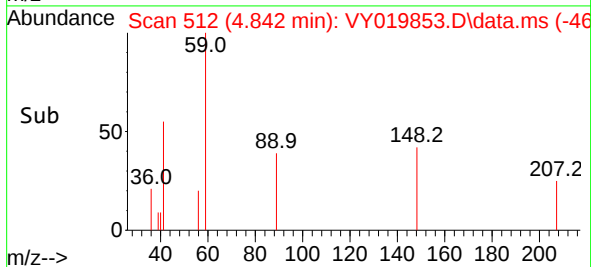
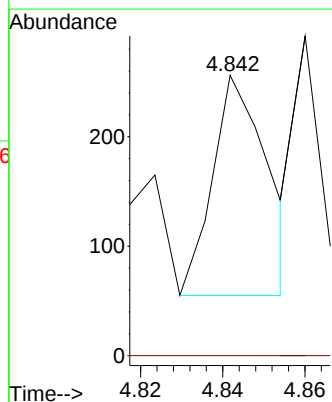
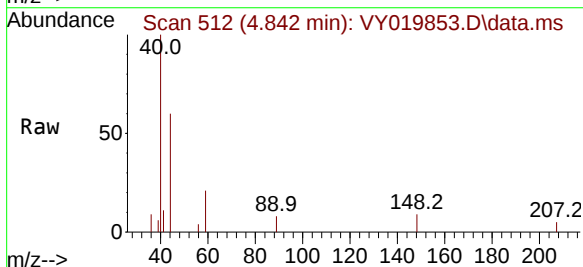
Instrument :
MSVOA_Y
ClientSampleId :

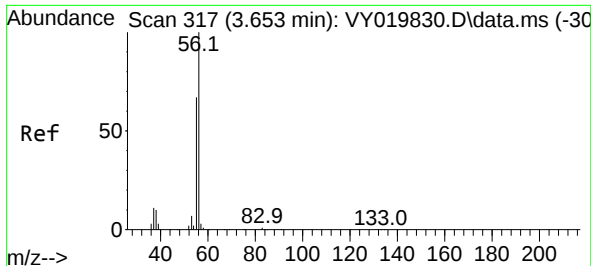
Tgt Ion:168 Resp: 43403
Ion Ratio Lower Upper
168 100
99 64.1 52.6 78.8



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.842 min Scan# 512
Delta R.T. -0.012 min
Lab File: VY019853.D
Acq: 10 Oct 2024 14:54

Tgt Ion: 59 Resp: 187
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#





#13

Acrolein

Concen: 1.502 ug/l

RT: 3.671 min Scan# 317

Delta R.T. 0.018 min

Lab File: VY019853.D

Acq: 10 Oct 2024 14:54

Instrument :

MSVOA_Y

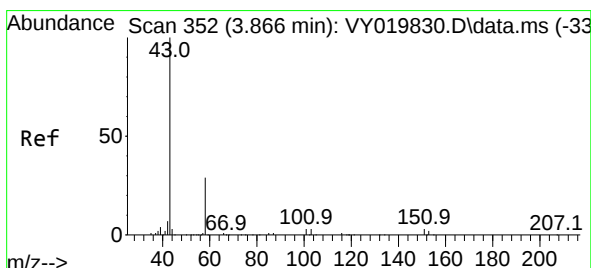
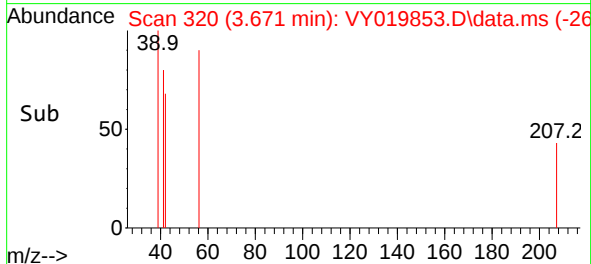
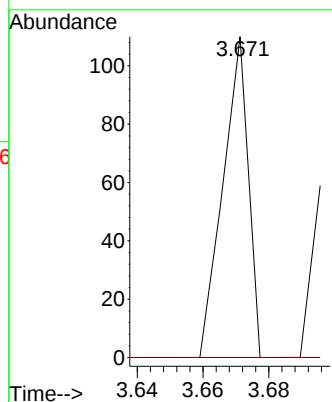
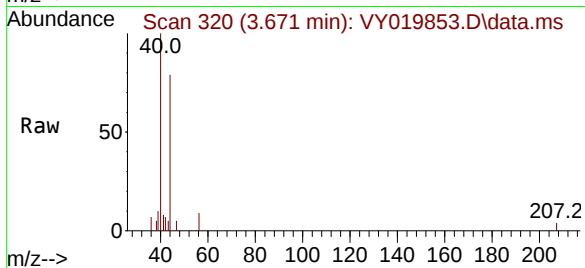
ClientSampleId :

Tgt Ion: 56 Resp: 59

Ion Ratio Lower Upper

56 100

55 0.0 56.9 85.3#



#16

Acetone

Concen: 5.147 ug/l

RT: 3.866 min Scan# 352

Delta R.T. -0.000 min

Lab File: VY019853.D

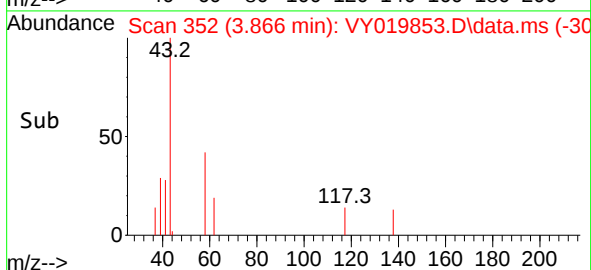
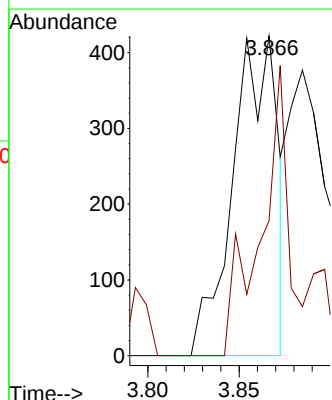
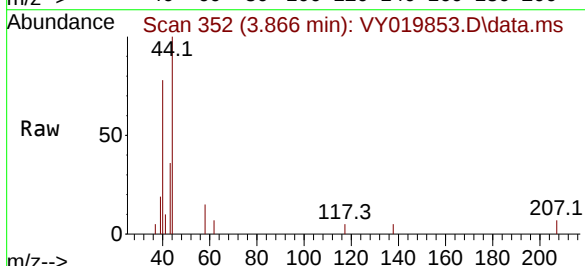
Acq: 10 Oct 2024 14:54

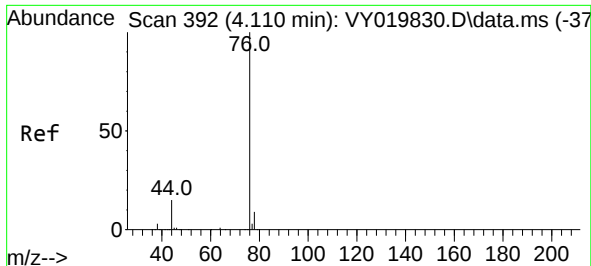
Tgt Ion: 43 Resp: 716

Ion Ratio Lower Upper

43 100

58 42.2 23.8 35.6#

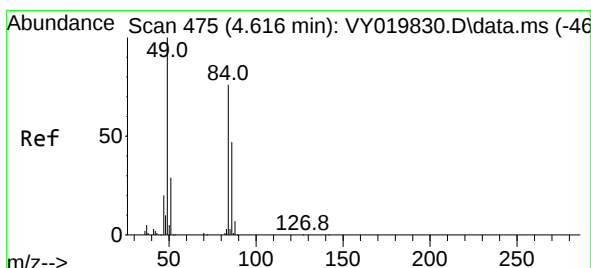
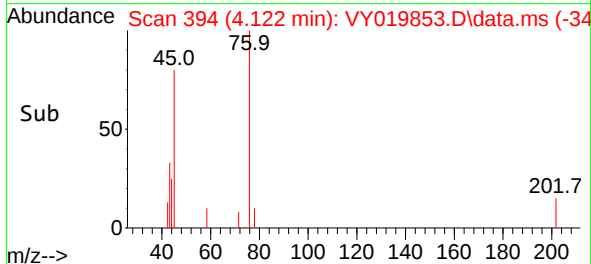
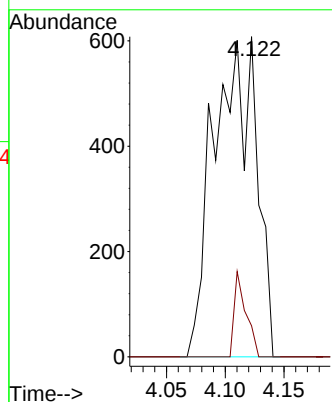
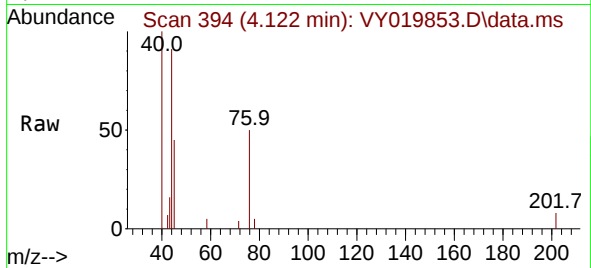




#17
Carbon Disulfide
Concen: 1.215 ug/l
RT: 4.122 min Scan# 392
Delta R.T. 0.012 min
Lab File: VY019853.D
Acq: 10 Oct 2024 14:54

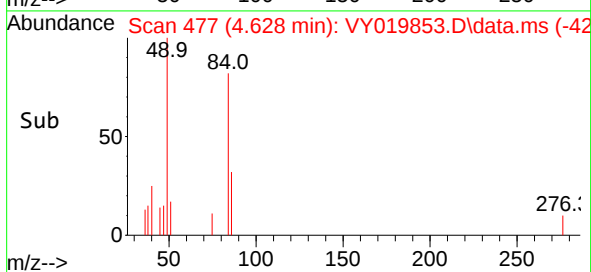
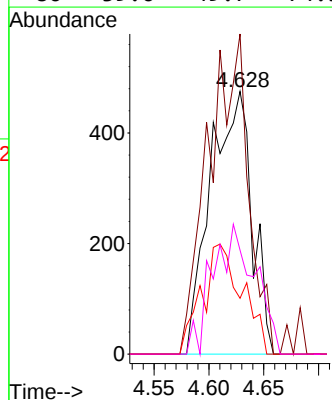
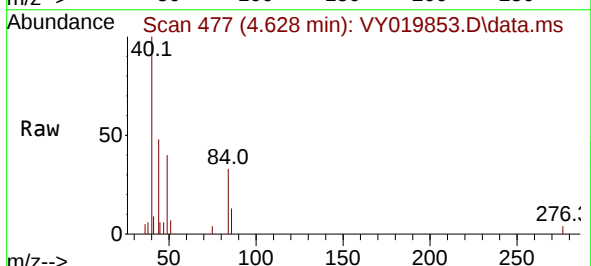
Instrument :
MSVOA_Y
ClientSampleId :

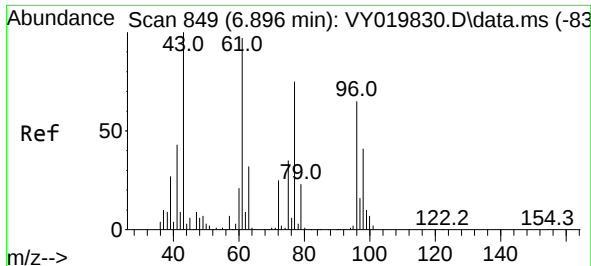
Tgt Ion: 76 Resp: 1516
Ion Ratio Lower Upper
76 100
78 9.7 7.3 10.9



#20
Methylene Chloride
Concen: 2.230 ug/l
RT: 4.628 min Scan# 477
Delta R.T. 0.012 min
Lab File: VY019853.D
Acq: 10 Oct 2024 14:54

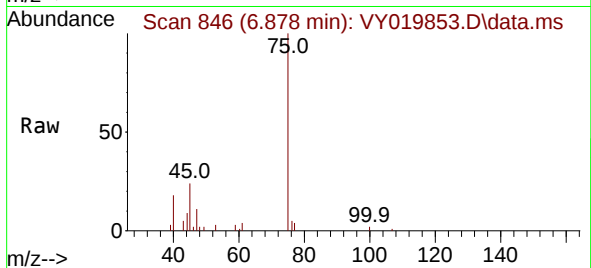
Tgt Ion: 84 Resp: 1252
Ion Ratio Lower Upper
84 100
49 121.9 104.8 157.2
51 21.3 30.4 45.6#
86 39.6 49.7 74.5#



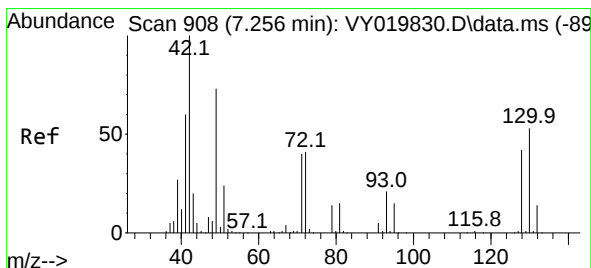
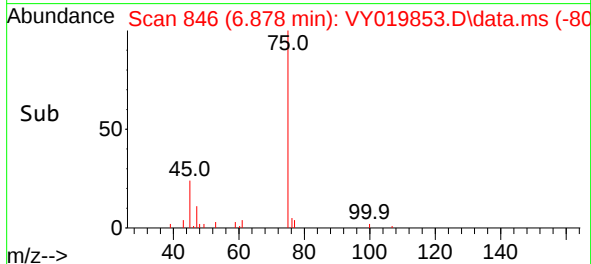
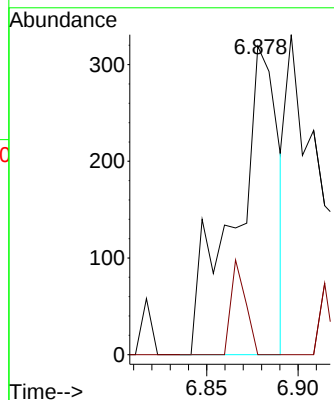


#25
2-Butanone
Concen: 2.841 ug/l
RT: 6.878 min Scan# 849
Delta R.T. -0.018 min
Lab File: VY019853.D
Acq: 10 Oct 2024 14:54

Instrument :
MSVOA_Y
ClientSampleId :

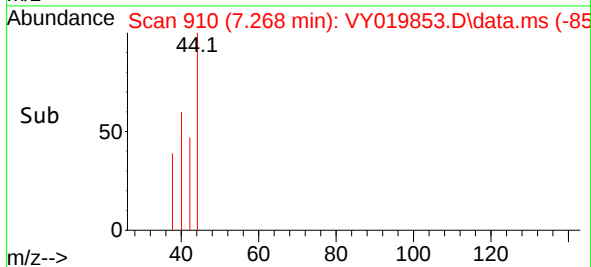
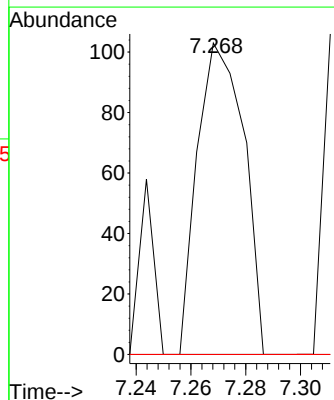
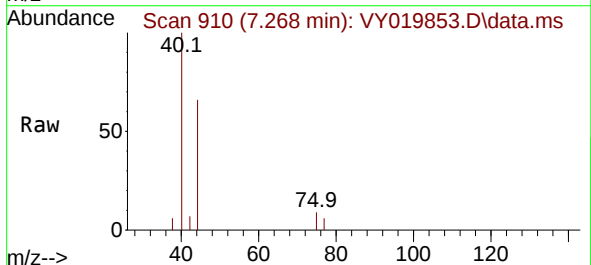


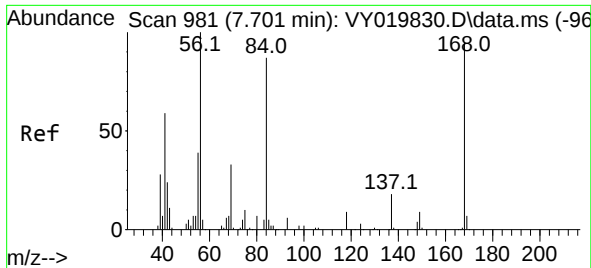
Tgt Ion: 43 Resp: 529
Ion Ratio Lower Upper
43 100
72 0.0 19.8 29.6#



#29
Tetrahydrofuran
Concen: 1.147 ug/l
RT: 7.268 min Scan# 910
Delta R.T. 0.012 min
Lab File: VY019853.D
Acq: 10 Oct 2024 14:54

Tgt Ion: 42 Resp: 122
Ion Ratio Lower Upper
42 100
72 0.0 33.4 50.0#
71 0.0 31.6 47.4#

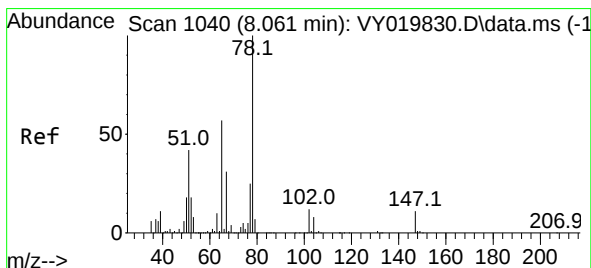
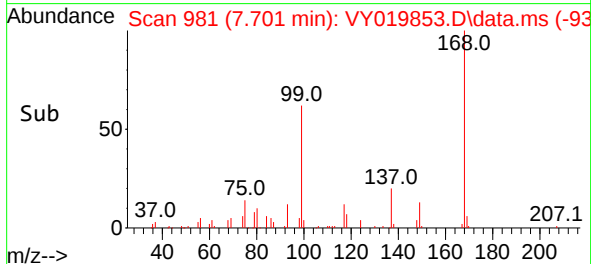
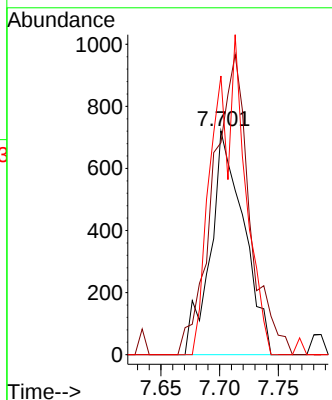
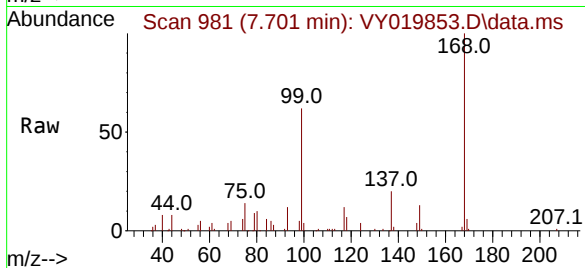




#31
Cyclohexane
Concen: 1.594 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY019853.D
Acq: 10 Oct 2024 14:54

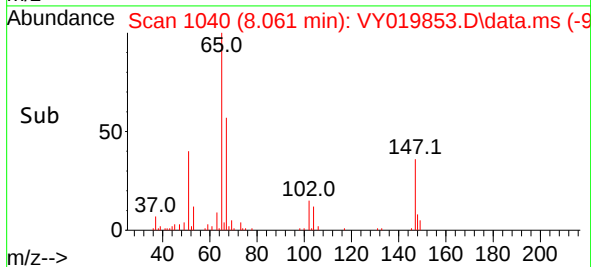
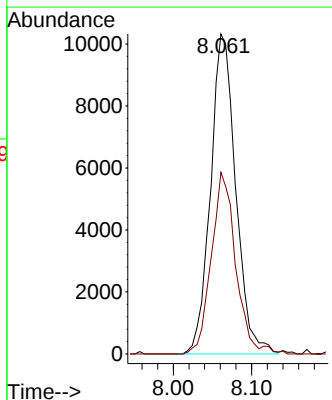
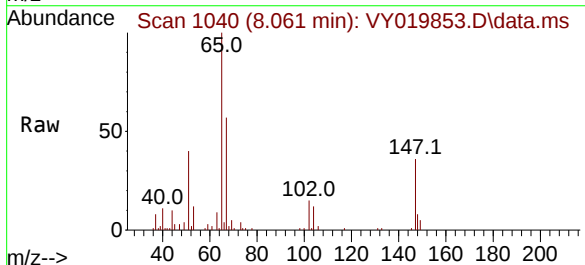
Instrument :
MSVOA_Y
ClientSampleId :

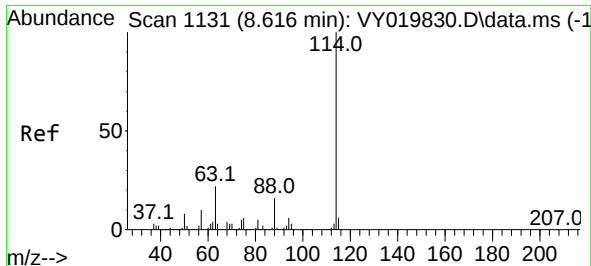
Tgt Ion: 56 Resp: 1423
Ion Ratio Lower Upper
56 100
69 94.7 26.6 39.8#
84 124.5 69.6 104.4#



#33
1,2-Dichloroethane-d4
Concen: 43.230 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY019853.D
Acq: 10 Oct 2024 14:54

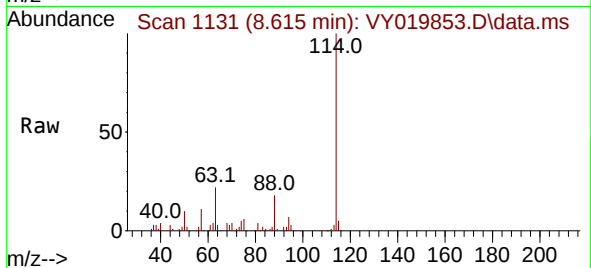
Tgt Ion: 65 Resp: 23103
Ion Ratio Lower Upper
65 100
67 55.0 0.0 105.0



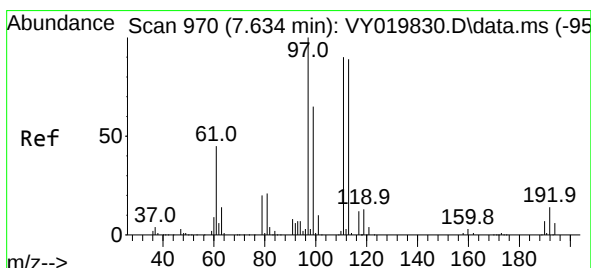
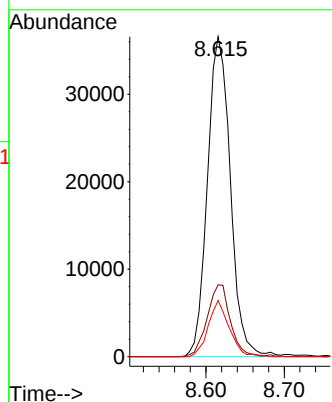
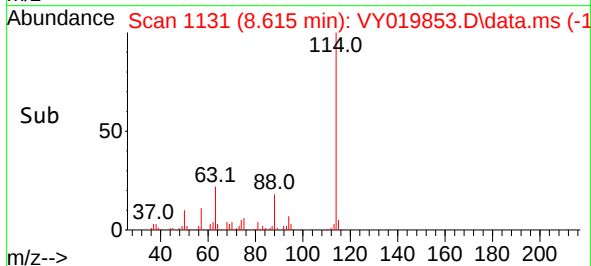


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY019853.D
Acq: 10 Oct 2024 14:54

Instrument :
MSVOA_Y
ClientSampleId :

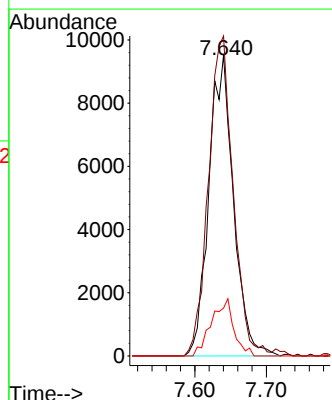
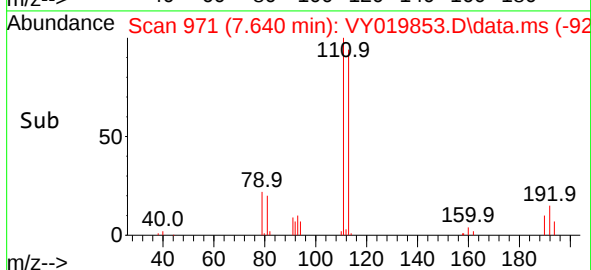
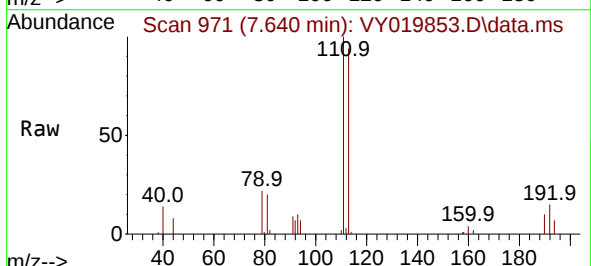


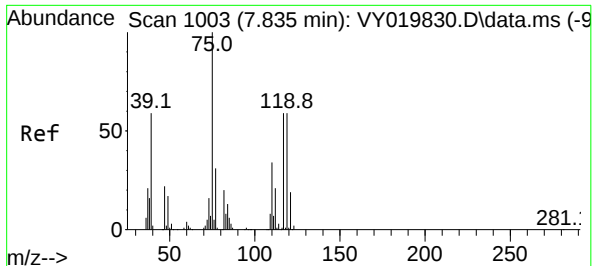
Tgt Ion:	114	Resp:	74515
Ion Ratio	Lower	Upper	
114	100		
63	22.5	0.0	43.8
88	17.5	0.0	32.0



#35
Dibromofluoromethane
Concen: 46.262 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY019853.D
Acq: 10 Oct 2024 14:54

Tgt Ion:	113	Resp:	22748
Ion Ratio	Lower	Upper	
113	100		
111	106.7	82.9	124.3
192	17.3	13.6	20.4





#36

1,1-Dichloropropene

Concen: 6.214 ug/l

RT: 7.701 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY019853.D

Acq: 10 Oct 2024 14:54

Instrument :

MSVOA_Y

ClientSampleId :

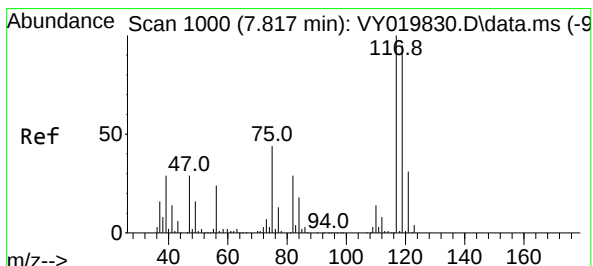
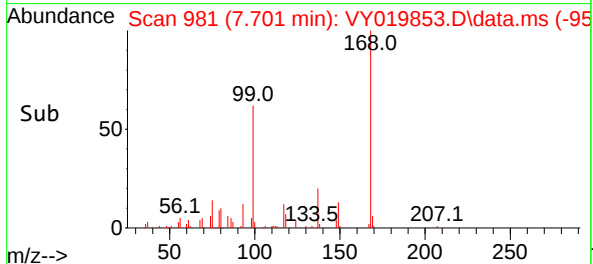
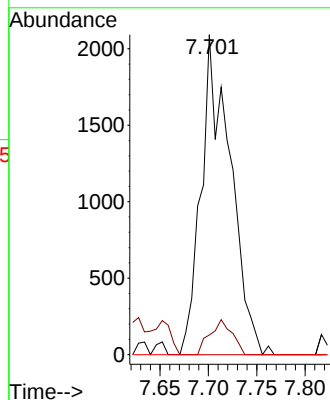
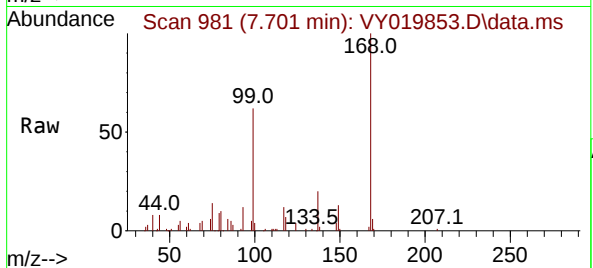
Tgt Ion: 75 Resp: 4402

Ion Ratio Lower Upper

75 100

110 8.3 16.6 49.8#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 6.805 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.104 min

Lab File: VY019853.D

Acq: 10 Oct 2024 14:54

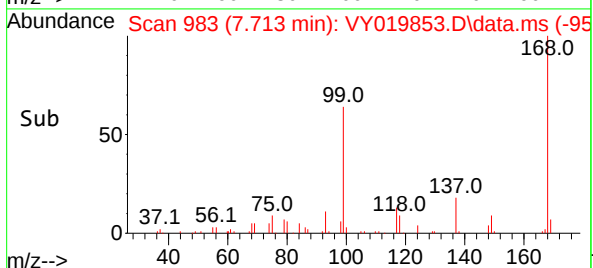
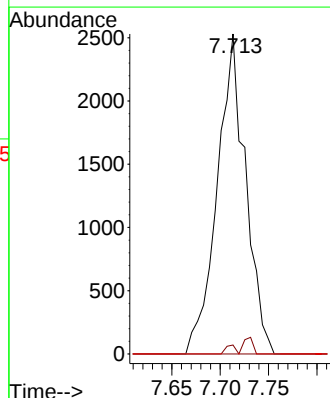
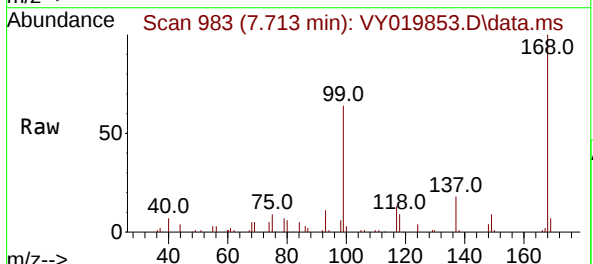
Tgt Ion: 117 Resp: 5168

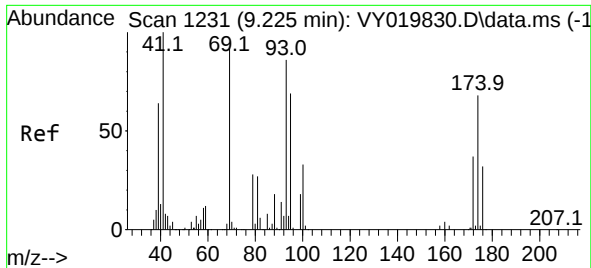
Ion Ratio Lower Upper

117 100

119 2.8 76.2 114.4#

121 0.0 25.0 37.4#





#49

1,4-Dioxane

Concen: 8.838 ug/l

RT: 9.280 min Scan# 11

Delta R.T. 0.055 min

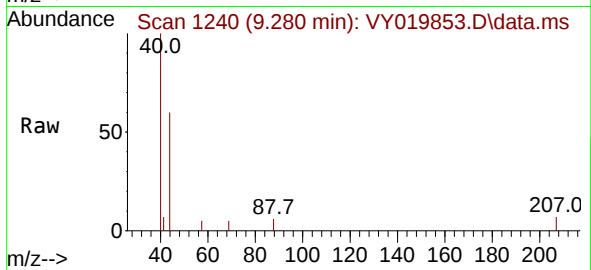
Lab File: VY019853.D

Acq: 10 Oct 2024 14:54

Instrument :

MSVOA_Y

ClientSampleId :



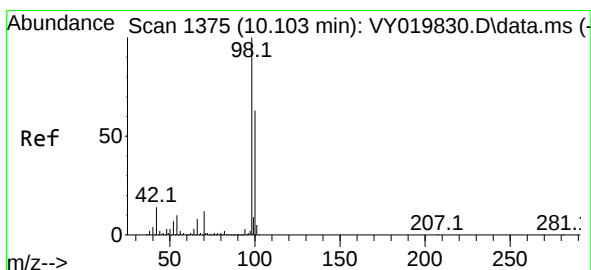
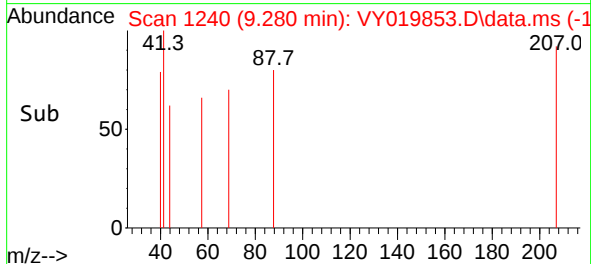
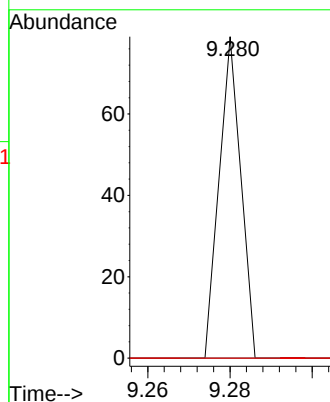
Tgt Ion: 88 Resp: 29

Ion Ratio Lower Upper

88 100

43 0.0 28.5 42.7#

58 0.0 52.6 78.8#



#50

Toluene-d8

Concen: 46.324 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY019853.D

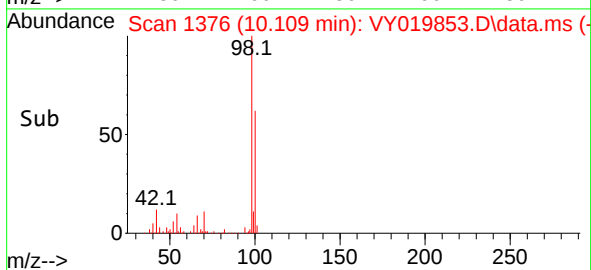
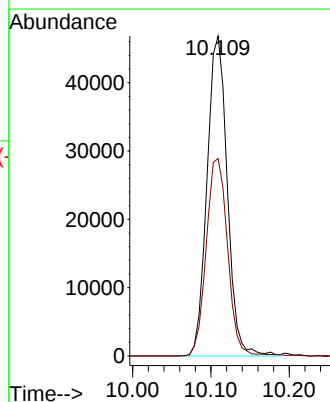
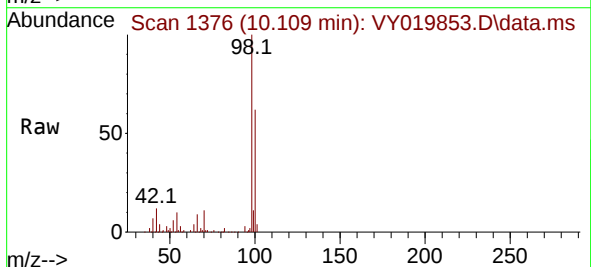
Acq: 10 Oct 2024 14:54

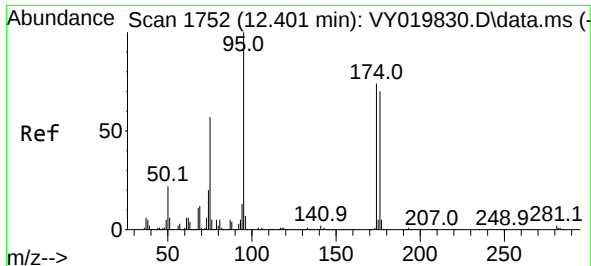
Tgt Ion: 98 Resp: 84117

Ion Ratio Lower Upper

98 100

100 65.1 51.1 76.7





#62

4-Bromofluorobenzene

Concen: 28.342 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY019853.D

Acq: 10 Oct 2024 14:54

Instrument :

MSVOA_Y

ClientSampleId :

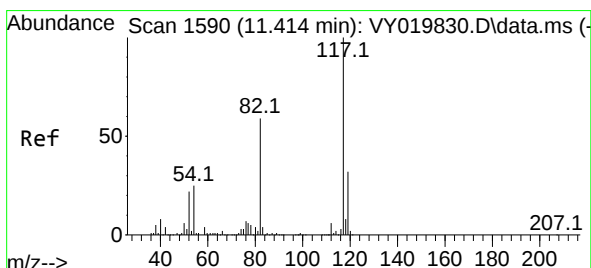
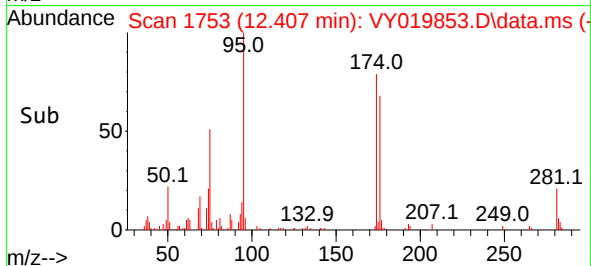
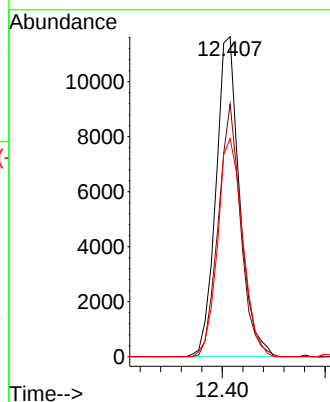
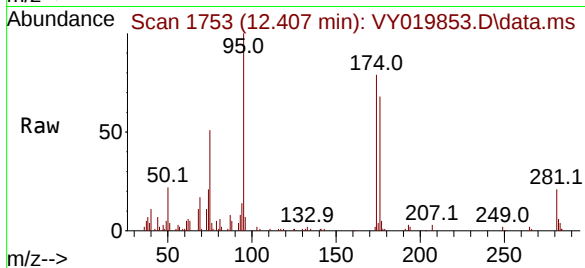
Tgt Ion: 95 Resp: 18596

Ion Ratio Lower Upper

95 100

174 74.4 0.0 148.0

176 72.1 0.0 142.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VY019853.D

Acq: 10 Oct 2024 14:54

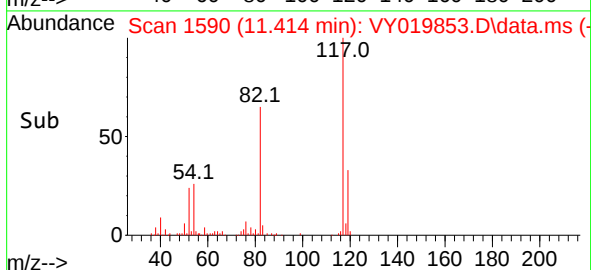
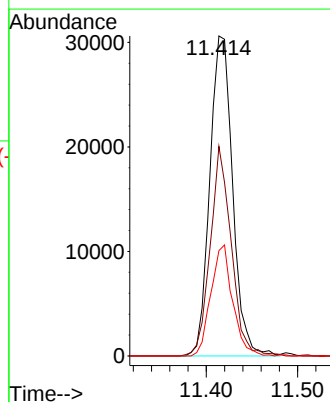
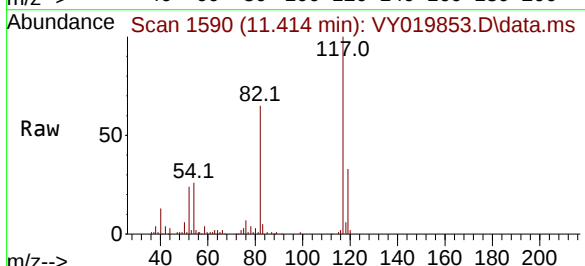
Tgt Ion: 117 Resp: 53089

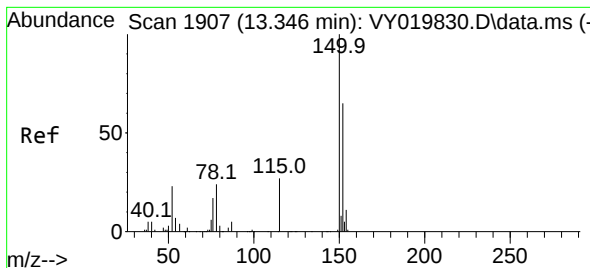
Ion Ratio Lower Upper

117 100

82 65.5 46.9 70.3

119 32.9 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY019853.D

Acq: 10 Oct 2024 14:54

Instrument :

MSVOA_Y

ClientSampleId :

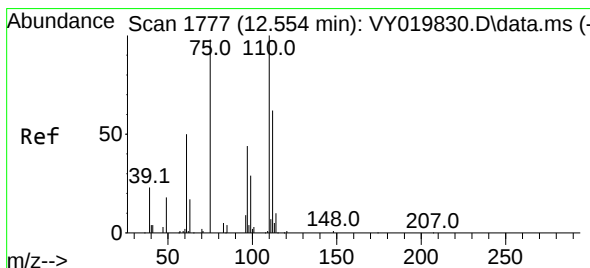
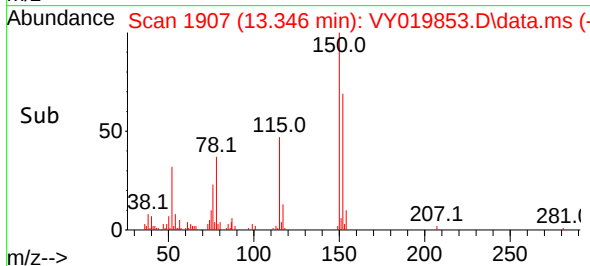
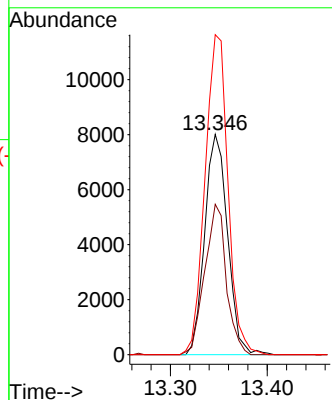
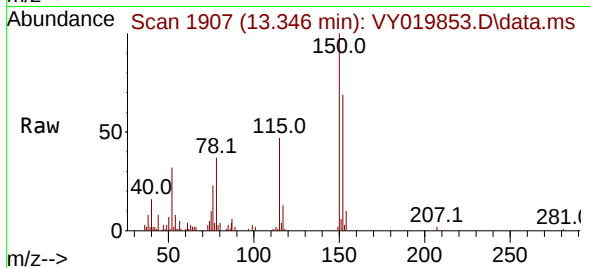
Tgt Ion:152 Resp: 13172

Ion Ratio Lower Upper

152 100

115 64.5 30.8 92.3

150 145.7 0.0 352.8



#76

1,2,3-Trichloropropane

Concen: 76.963 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY019853.D

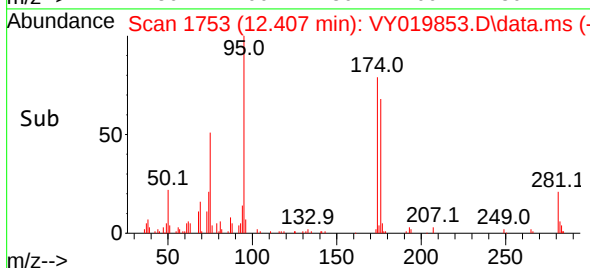
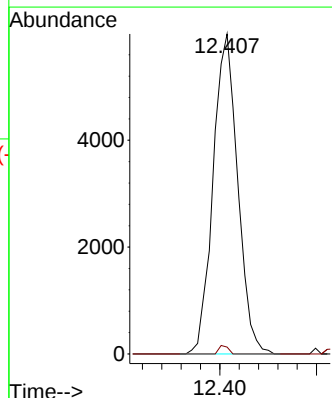
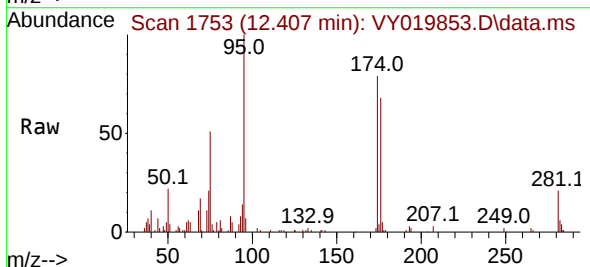
Acq: 10 Oct 2024 14:54

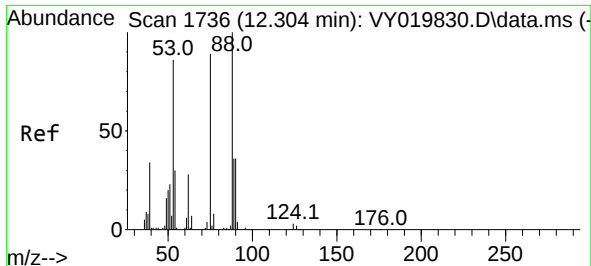
Tgt Ion: 75 Resp: 10556

Ion Ratio Lower Upper

75 100

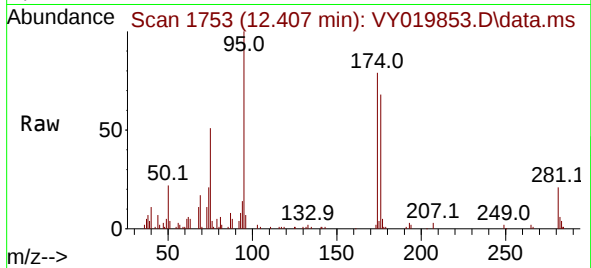
77 1.0 0.0 0.0#



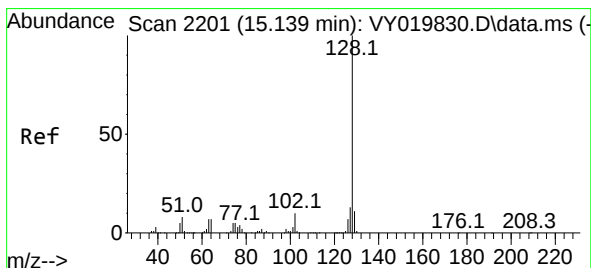
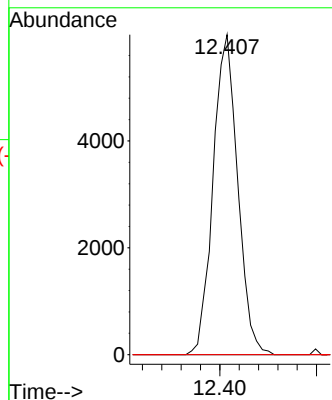
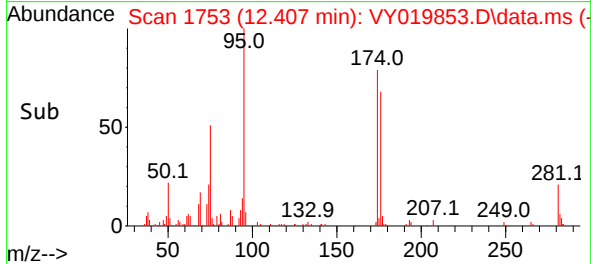


#81
trans-1,4-Dichloro-2-butene
Concen: 165.123 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY019853.D
Acq: 10 Oct 2024 14:54

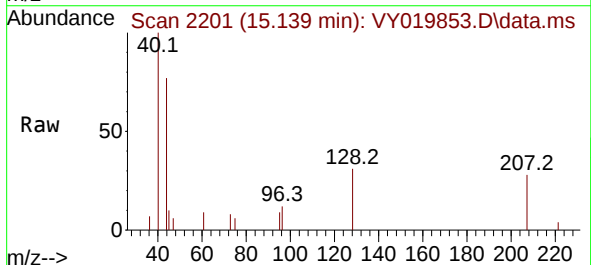
Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 10556
Ion Ratio Lower Upper
75 100
53 0.0 84.7 127.1#
89 0.0 35.4 53.2#



#95
Naphthalene
Concen: 1.269 ug/l
RT: 15.139 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY019853.D
Acq: 10 Oct 2024 14:54



Tgt Ion: 128 Resp: 560
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.6 12.8#

