

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101024\
 Data File : VY019845.D
 Acq On : 10 Oct 2024 10:05
 Operator : SY/MD
 Sample : VY1010SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 11 01:36:41 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	317735	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	629136	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	556952	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	199392	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	202994	51.887	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.780%	
35) Dibromofluoromethane	7.640	113	202348	48.740	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.480%	
50) Toluene-d8	10.109	98	758590	49.480	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.960%	
62) 4-Bromofluorobenzene	12.408	95	236501	42.692	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 85.380%	

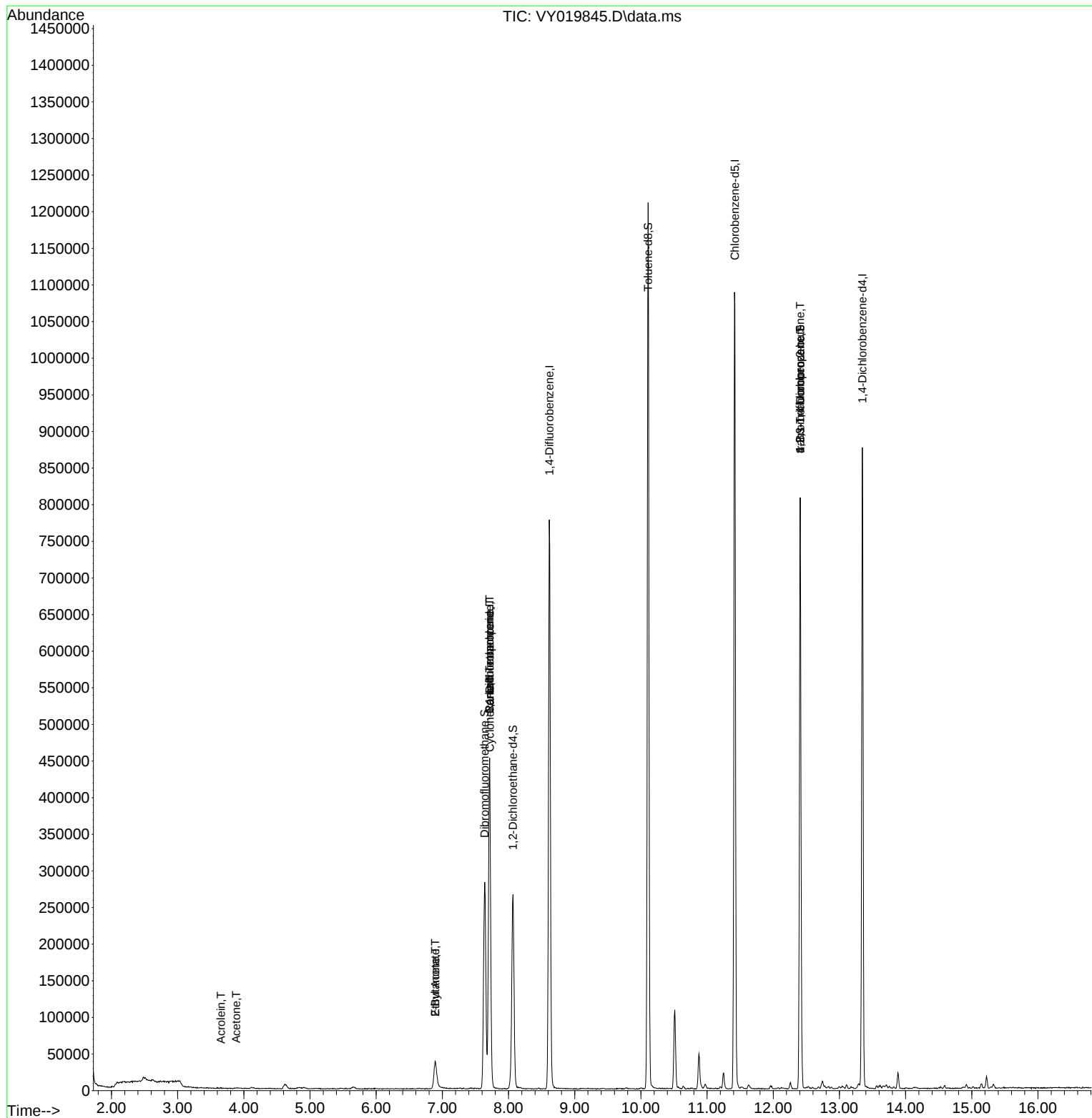
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.842	59	1921	Below Cal	#	86
13) Acrolein	3.653	56	378	1.315	ug/l	92
16) Acetone	3.885	43	1765	1.733	ug/l #	80
25) 2-Butanone	6.890	43	3237	2.375	ug/l #	51
31) Cyclohexane	7.719	56	8664	1.325	ug/l #	33
36) 1,1-Dichloropropene	7.713	75	29671	4.961	ug/l #	53
37) Ethyl Acetate	6.890	43	3237	1.038	ug/l #	8
38) Carbon Tetrachloride	7.713	117	35356	5.514	ug/l #	15
76) 1,2,3-Trichloropropane	12.408	75	133363	64.233	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	133363	137.812	ug/l #	8

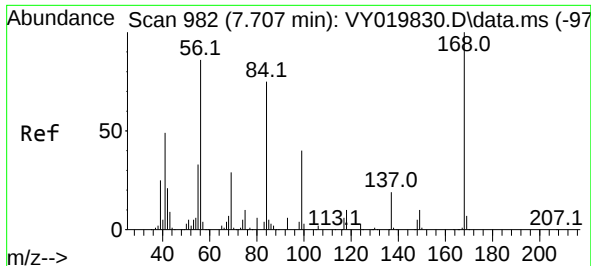
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101024\
Data File : VY019845.D
Acq On : 10 Oct 2024 10:05
Operator : SY/MD
Sample : VY1010SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
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Quant Time: Oct 11 01:36:41 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

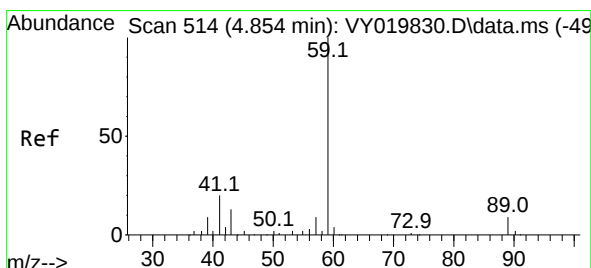
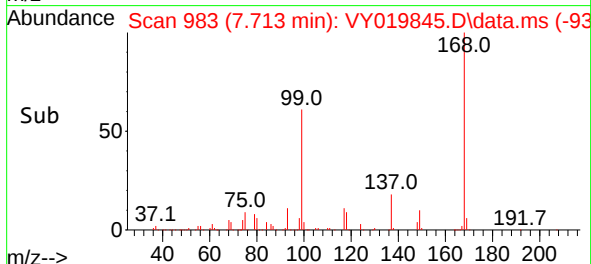
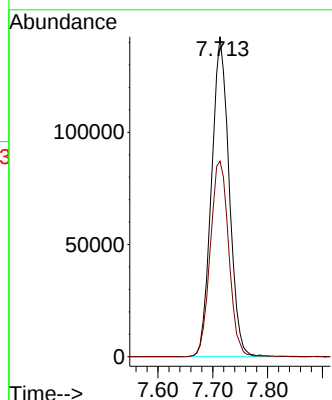
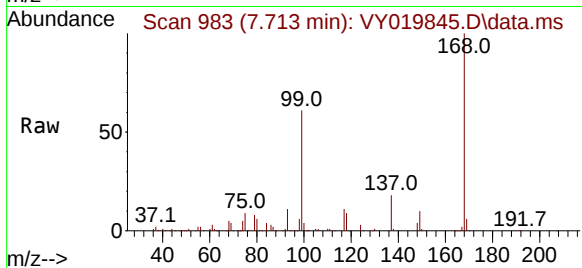




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019845.D
Acq: 10 Oct 2024 10:05

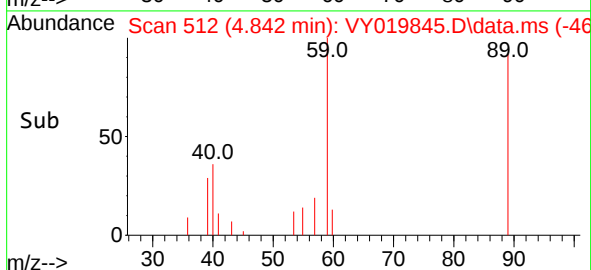
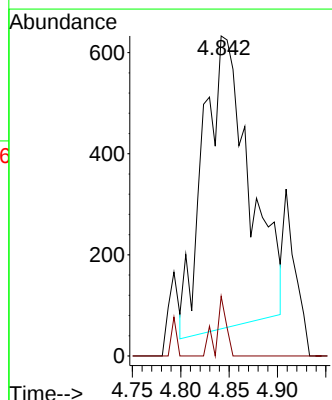
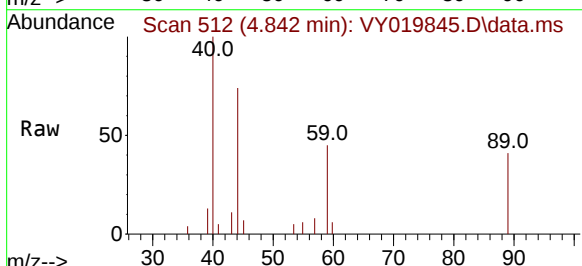
Instrument :
MSVOA_Y
ClientSampleId :

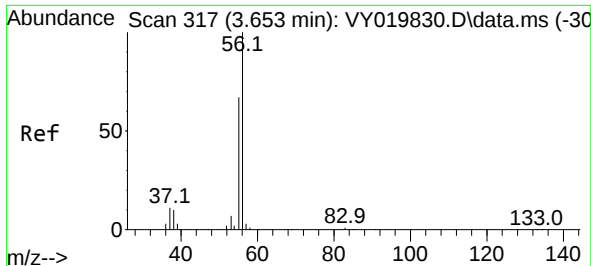
Tgt Ion:168 Resp: 317735
Ion Ratio Lower Upper
168 100
99 61.1 52.6 78.8



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.842 min Scan# 512
Delta R.T. -0.012 min
Lab File: VY019845.D
Acq: 10 Oct 2024 10:05

Tgt Ion: 59 Resp: 1921
Ion Ratio Lower Upper
59 100
57 4.4 7.7 11.5#





#13

Acrolein

Concen: 1.315 ug/l

RT: 3.653 min Scan# 317

Delta R.T. 0.000 min

Lab File: VY019845.D

Acq: 10 Oct 2024 10:05

Instrument :

MSVOA_Y

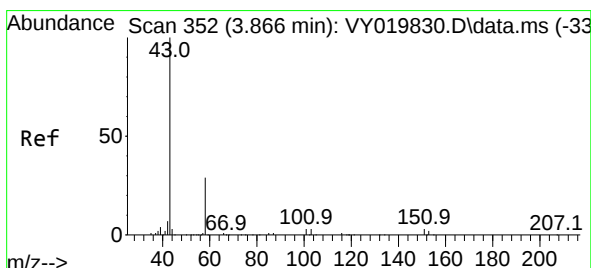
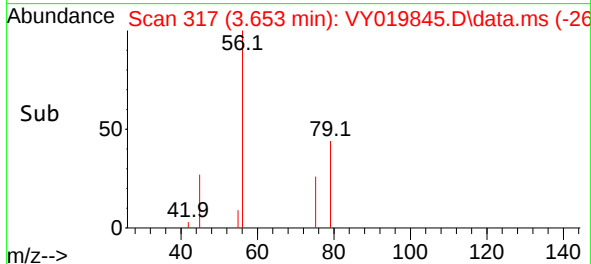
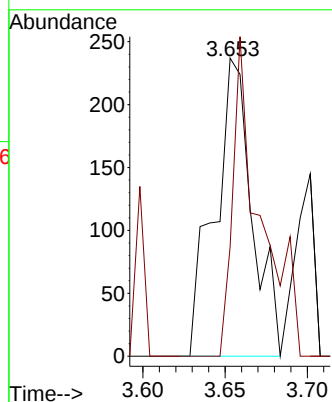
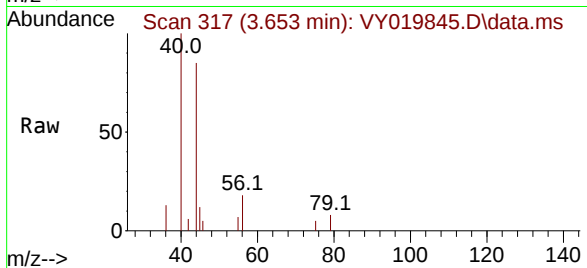
ClientSampleId :

Tgt Ion: 56 Resp: 378

Ion Ratio Lower Upper

56 100

55 78.0 56.9 85.3



#16

Acetone

Concen: 1.733 ug/l

RT: 3.885 min Scan# 355

Delta R.T. 0.018 min

Lab File: VY019845.D

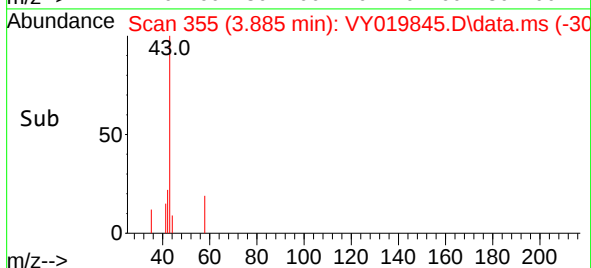
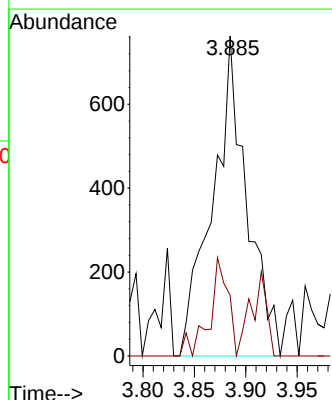
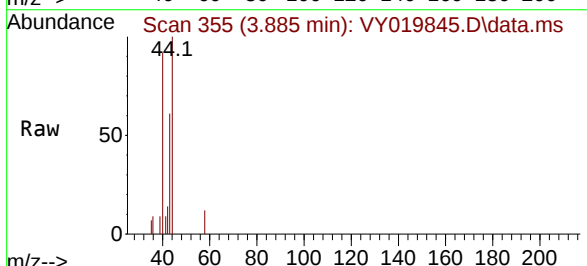
Acq: 10 Oct 2024 10:05

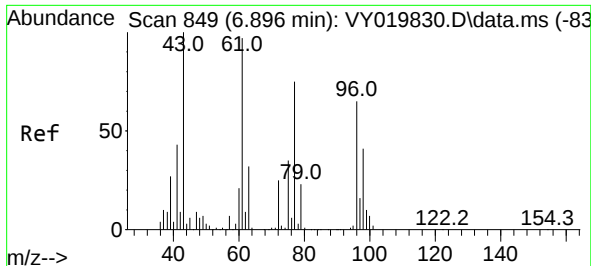
Tgt Ion: 43 Resp: 1765

Ion Ratio Lower Upper

43 100

58 19.0 23.8 35.6#





#25

2-Butanone

Concen: 2.375 ug/l

RT: 6.890 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY019845.D

Acq: 10 Oct 2024 10:05

Instrument :

MSVOA_Y

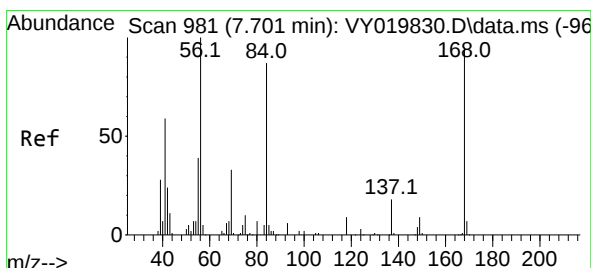
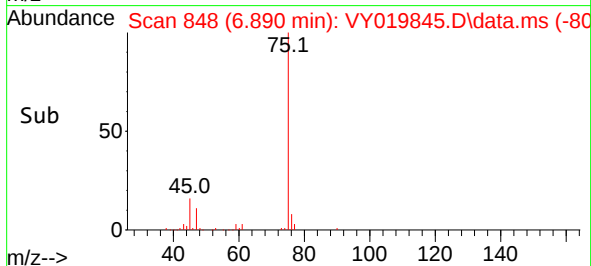
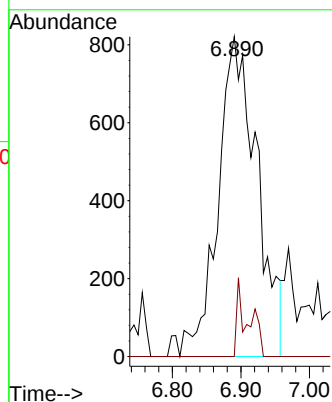
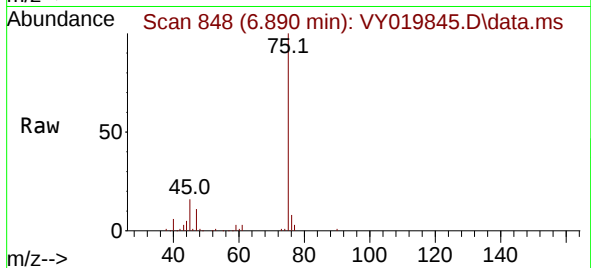
ClientSampleId :

Tgt Ion: 43 Resp: 3237

Ion Ratio Lower Upper

43 100

72 0.0 19.8 29.6#



#31

Cyclohexane

Concen: 1.325 ug/l

RT: 7.719 min Scan# 984

Delta R.T. 0.018 min

Lab File: VY019845.D

Acq: 10 Oct 2024 10:05

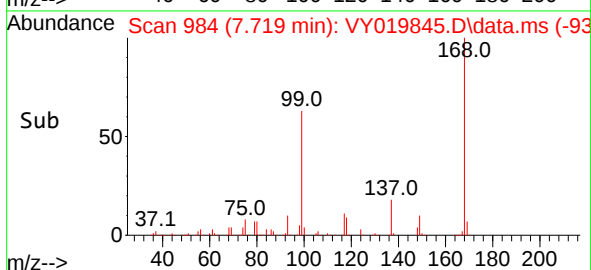
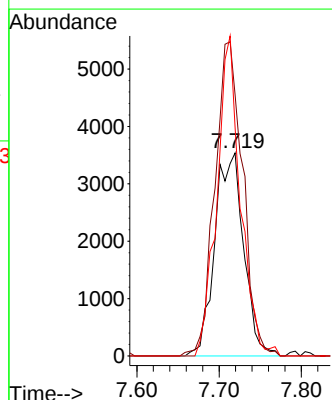
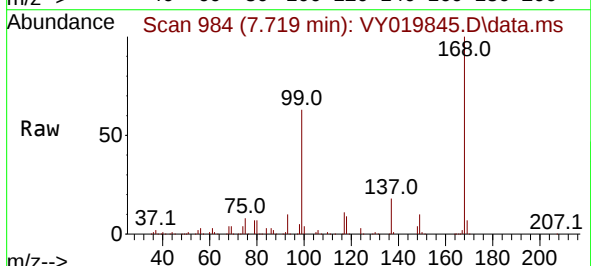
Tgt Ion: 56 Resp: 8664

Ion Ratio Lower Upper

56 100

69 128.7 26.6 39.8#

84 112.7 69.6 104.4#





#33

1,2-Dichloroethane-d4

Concen: 51.887 ug/l

RT: 8.067 min Scan# 11041

Delta R.T. 0.006 min

Lab File: VY019845.D

Acq: 10 Oct 2024 10:05

Instrument :

MSVOA_Y

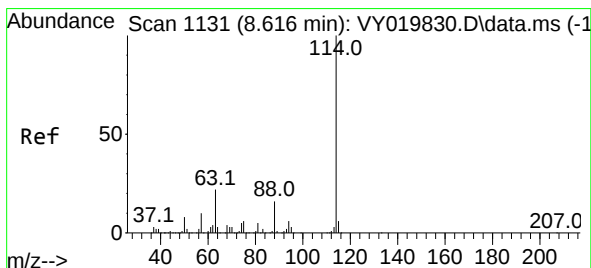
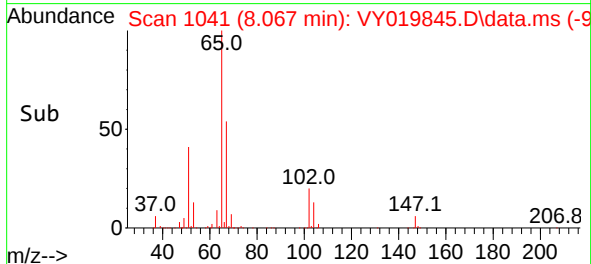
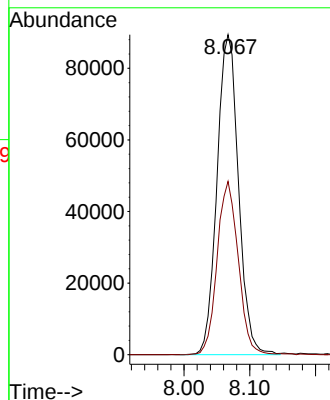
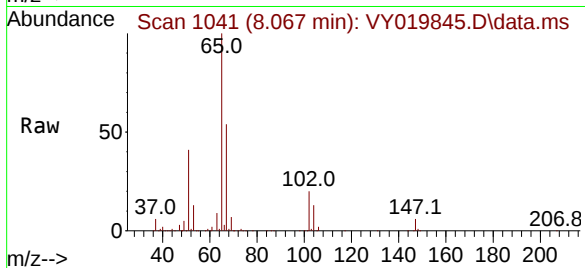
ClientSampleId :

Tgt Ion: 65 Resp: 202994

Ion Ratio Lower Upper

65 100

67 53.2 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019845.D

Acq: 10 Oct 2024 10:05

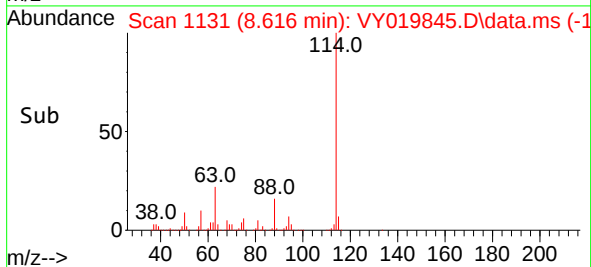
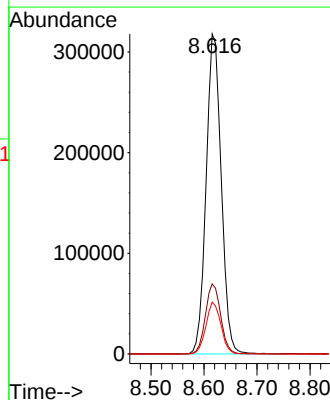
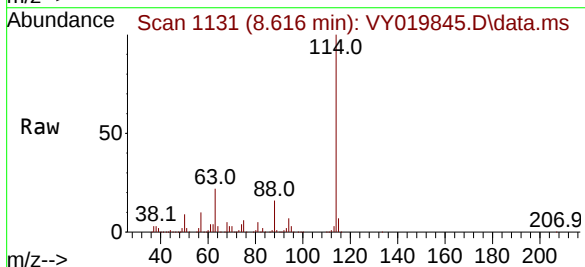
Tgt Ion: 114 Resp: 629136

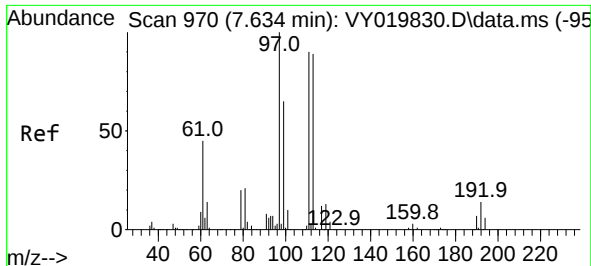
Ion Ratio Lower Upper

114 100

63 21.9 0.0 43.8

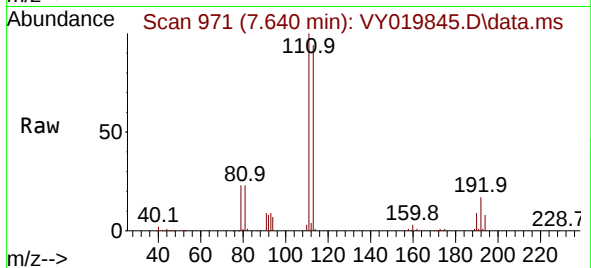
88 16.2 0.0 32.0



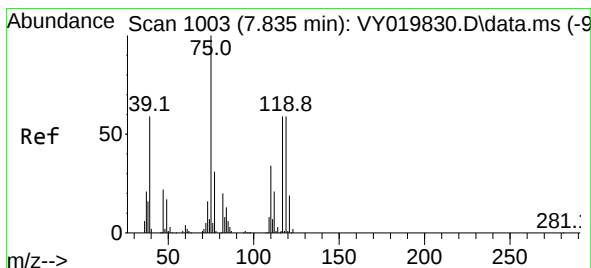
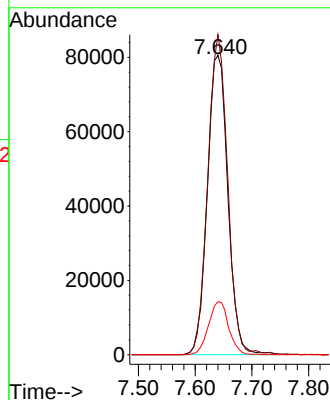
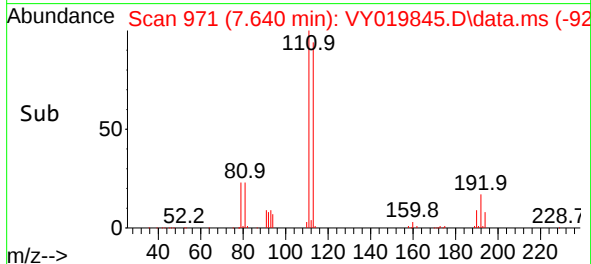


#35
Dibromofluoromethane
Concen: 48.740 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019845.D
Acq: 10 Oct 2024 10:05

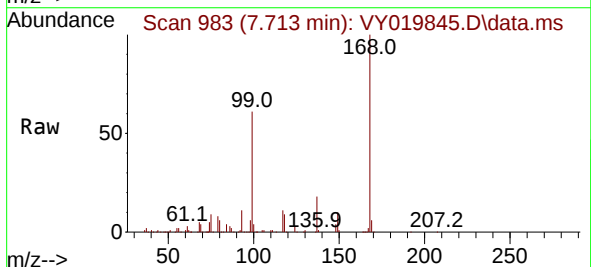
Instrument :
MSVOA_Y
ClientSampleId :



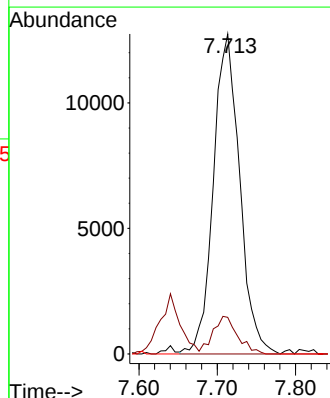
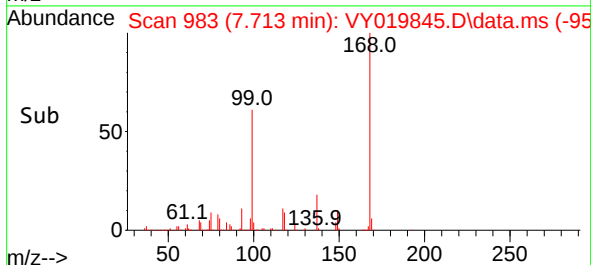
Tgt Ion:113 Resp: 202348
Ion Ratio Lower Upper
113 100
111 103.4 82.9 124.3
192 17.3 13.6 20.4

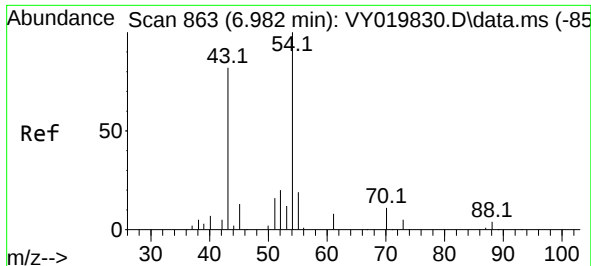


#36
1,1-Dichloropropene
Concen: 4.961 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.122 min
Lab File: VY019845.D
Acq: 10 Oct 2024 10:05



Tgt Ion: 75 Resp: 29671
Ion Ratio Lower Upper
75 100
110 11.0 16.6 49.8#
77 0.0 24.6 36.8#





#37

Ethyl Acetate

Concen: 1.038 ug/l

RT: 6.890 min Scan# 84

Delta R.T. -0.091 min

Lab File: VY019845.D

Acq: 10 Oct 2024 10:05

Instrument :

MSVOA_Y

ClientSampleId :

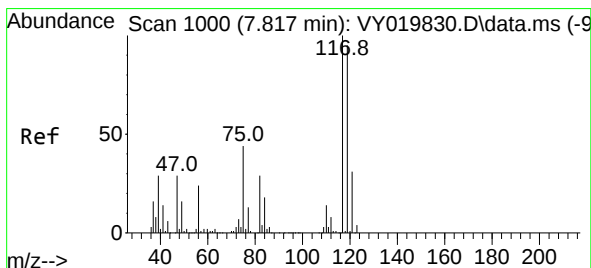
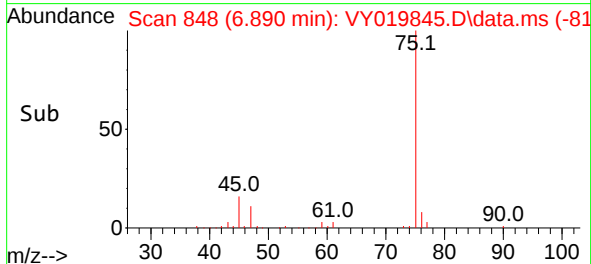
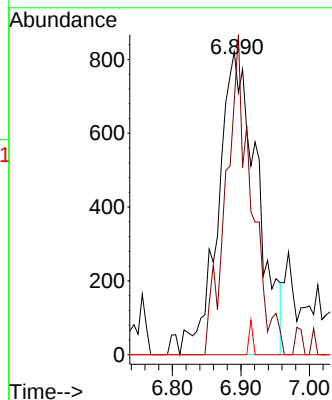
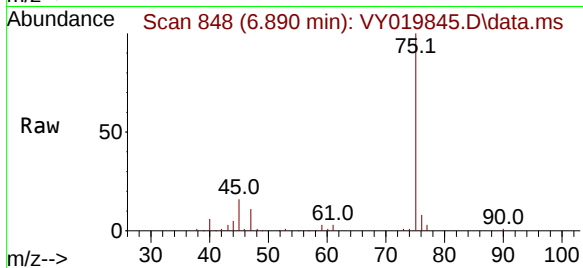
Tgt Ion: 43 Resp: 3237

Ion Ratio Lower Upper

43 100

61 69.2 10.9 16.3#

70 0.0 7.6 11.4#



#38

Carbon Tetrachloride

Concen: 5.514 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.104 min

Lab File: VY019845.D

Acq: 10 Oct 2024 10:05

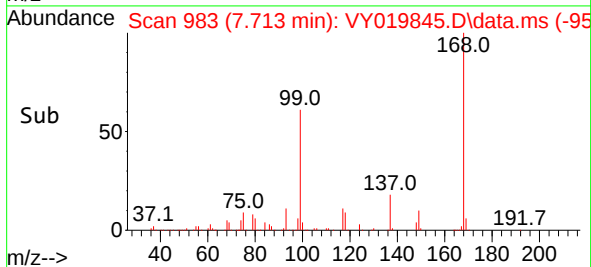
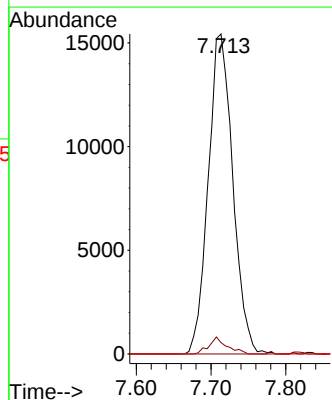
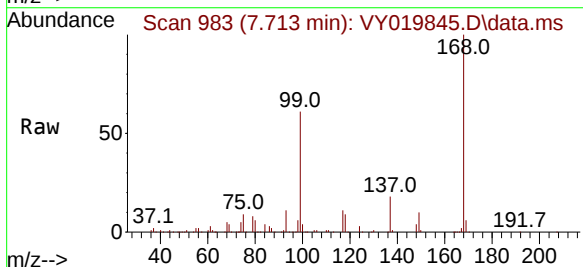
Tgt Ion:117 Resp: 35356

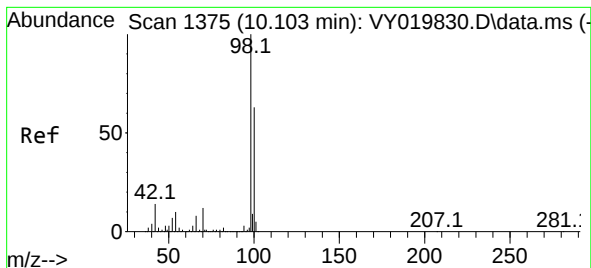
Ion Ratio Lower Upper

117 100

119 3.5 76.2 114.4#

121 0.0 25.0 37.4#





#50

Toluene-d8

Concen: 49.480 ug/l

RT: 10.109 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019845.D

Acq: 10 Oct 2024 10:05

Instrument :

MSVOA_Y

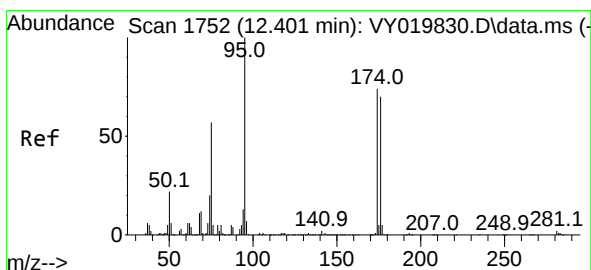
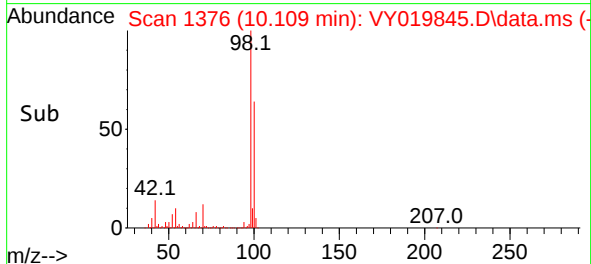
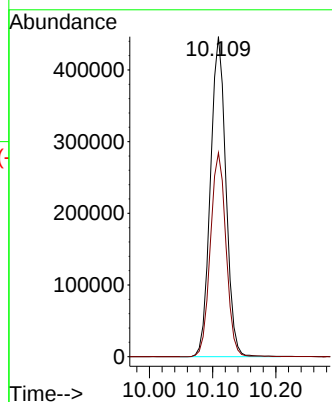
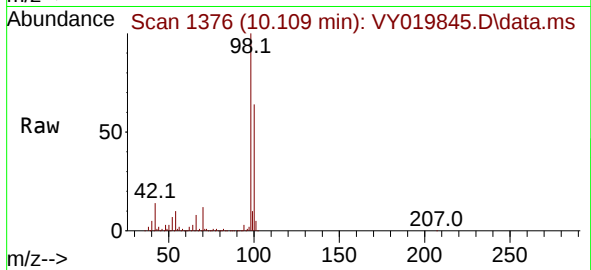
ClientSampleId :

Tgt Ion: 98 Resp: 758590

Ion Ratio Lower Upper

98 100

100 64.4 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 42.692 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY019845.D

Acq: 10 Oct 2024 10:05

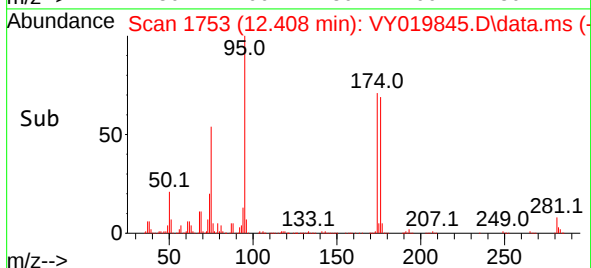
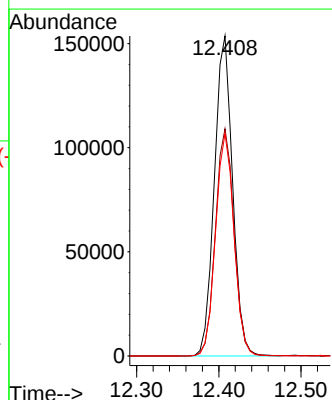
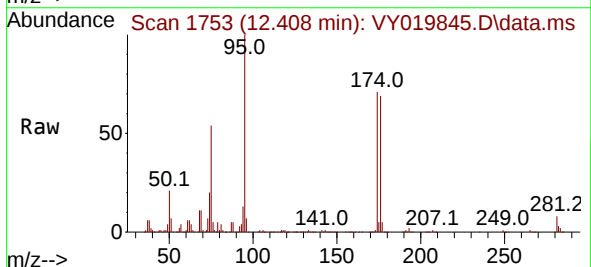
Tgt Ion: 95 Resp: 236501

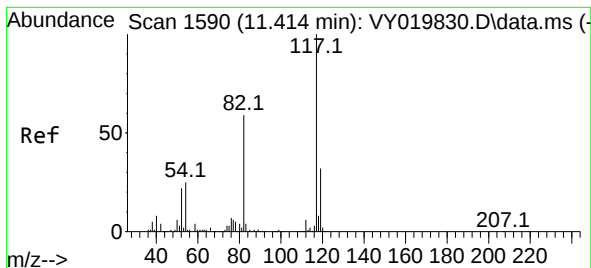
Ion Ratio Lower Upper

95 100

174 72.5 0.0 148.0

176 70.2 0.0 142.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019845.D

Acq: 10 Oct 2024 10:05

Instrument :

MSVOA_Y

ClientSampleId :

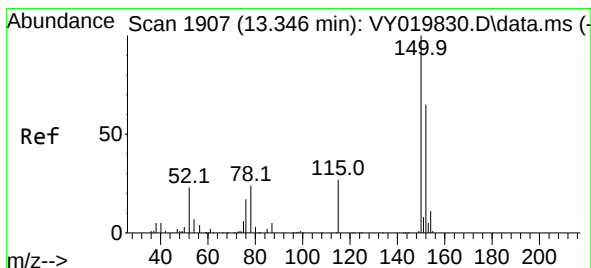
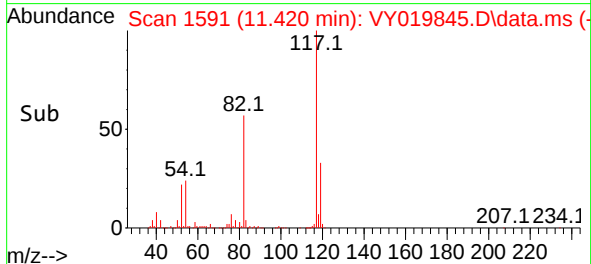
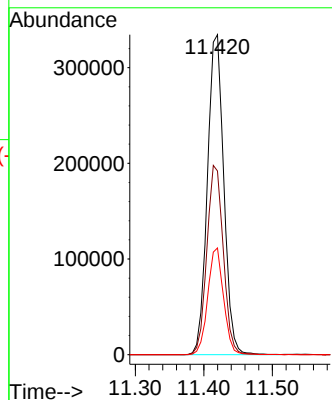
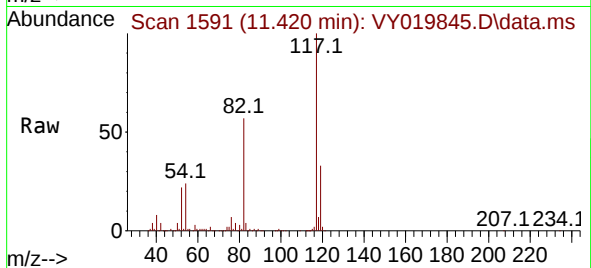
Tgt Ion:117 Resp: 556952

Ion Ratio Lower Upper

117 100

82 57.4 46.9 70.3

119 33.4 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: VY019845.D

Acq: 10 Oct 2024 10:05

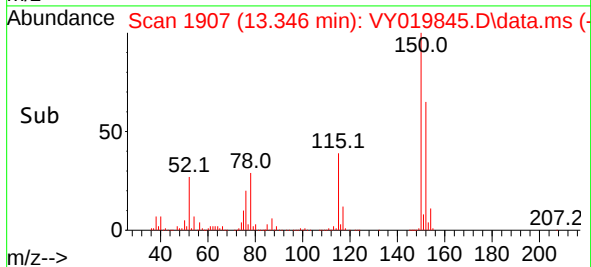
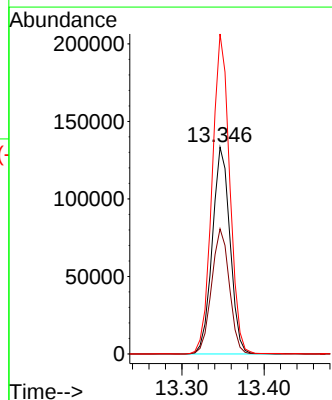
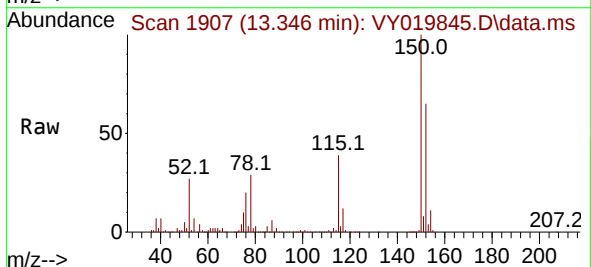
Tgt Ion:152 Resp: 199392

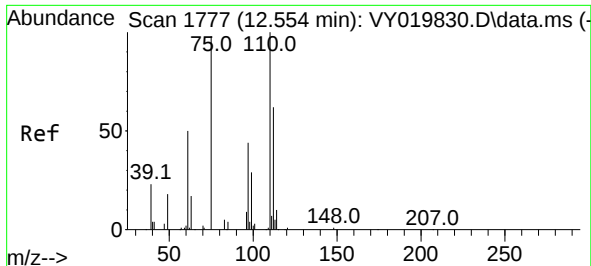
Ion Ratio Lower Upper

152 100

115 60.7 30.8 92.3

150 154.0 0.0 352.8

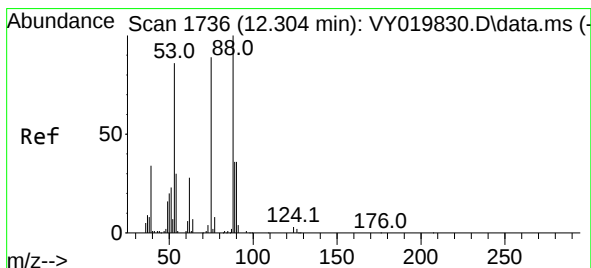
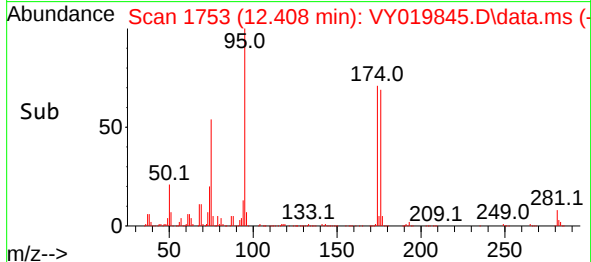
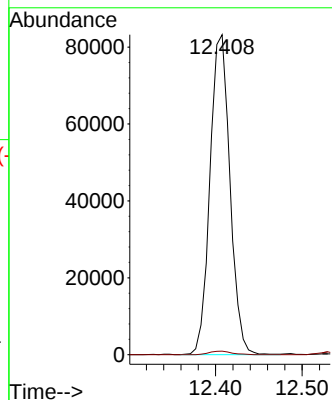
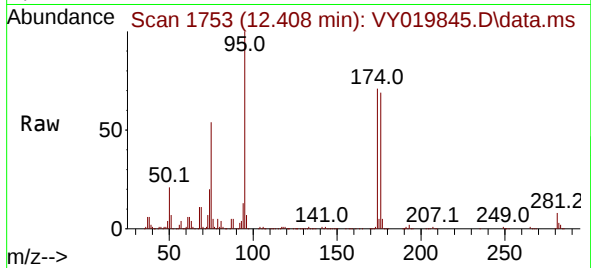




#76
1,2,3-Trichloropropane
Concen: 64.233 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY019845.D
Acq: 10 Oct 2024 10:05

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 133363
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 137.812 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY019845.D
Acq: 10 Oct 2024 10:05

Tgt Ion: 75 Resp: 133363
Ion Ratio Lower Upper
75 100
53 0.0 84.7 127.1#
89 0.1 35.4 53.2#

