

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101724\
 Data File : VY019927.D
 Acq On : 17 Oct 2024 13:17
 Operator : SY/MD
 Sample : P4425-07
 Misc : 4.73g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 18 01:40:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	240535	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	497022	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.413	117	443079	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	153148	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.066	65	162801	54.969	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.940%
35) Dibromofluoromethane	7.640	113	161535	49.251	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.500%
50) Toluene-d8	10.109	98	615196	50.793	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.580%
62) 4-Bromofluorobenzene	12.407	95	184346	42.123	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	84.240%

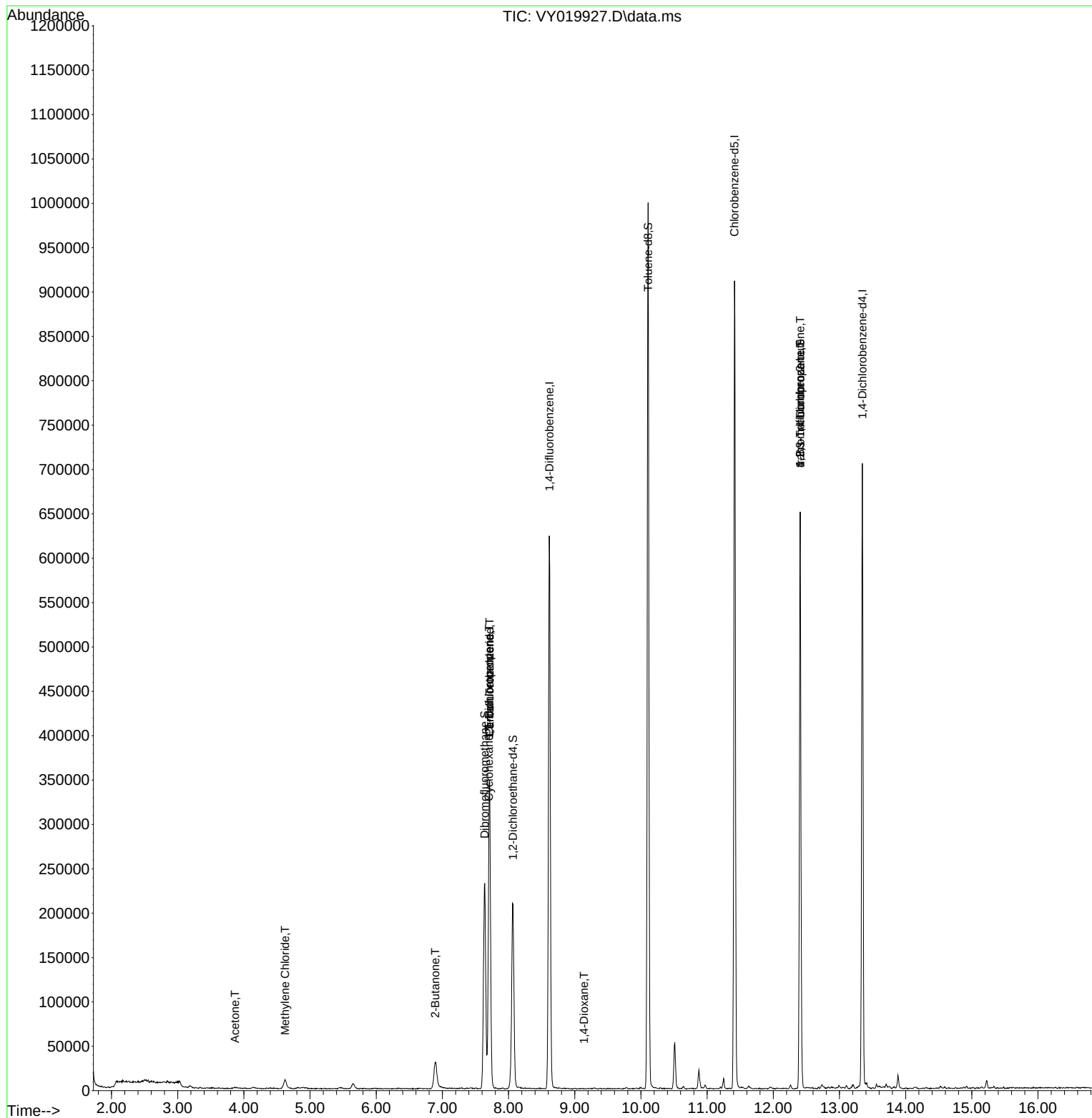
Target Compounds					Qvalue
11) Tert butyl alcohol	4.872	59	173	Below Cal	# 8
16) Acetone	3.866	43	1185	1.537	ug/l # 81
20) Methylene Chloride	4.622	84	6142	1.372	ug/l # 70
25) 2-Butanone	6.890	43	2559	2.480	ug/l # 41
31) Cyclohexane	7.701	56	7459	1.507	ug/l # 48
36) 1,1-Dichloropropene	7.707	75	24667	5.220	ug/l # 47
38) Carbon Tetrachloride	7.713	117	26731	5.277	ug/l # 17
49) 1,4-Dioxane	9.139	88	23	1.051	ug/l # 20
76) 1,2,3-Trichloropropane	12.407	75	108717	36.237	ug/l # 100
81) trans-1,4-Dichloro-2-b...	12.407	75	108717	146.267	ug/l # 16

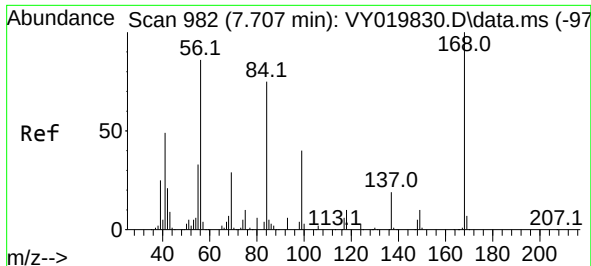
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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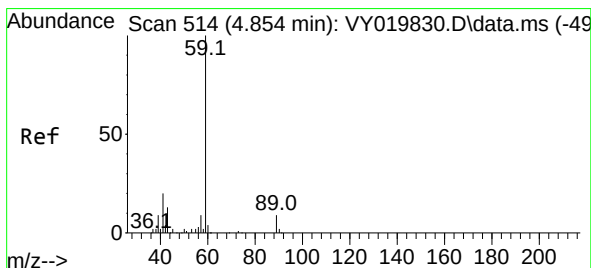
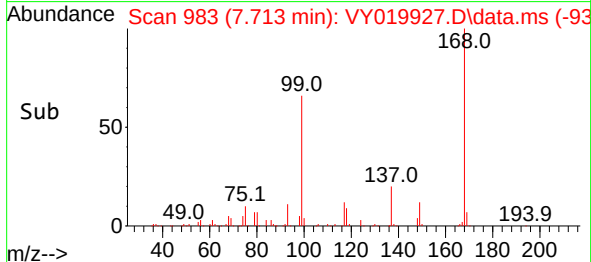
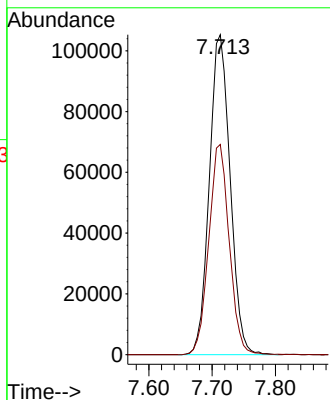
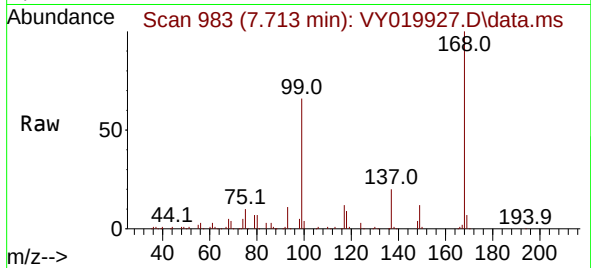




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019927.D
Acq: 17 Oct 2024 13:17

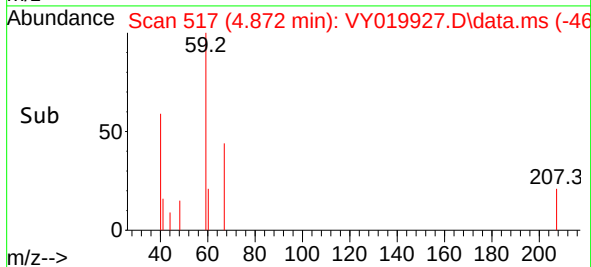
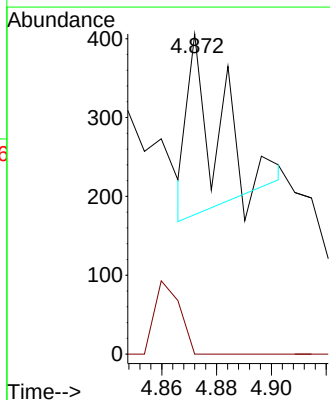
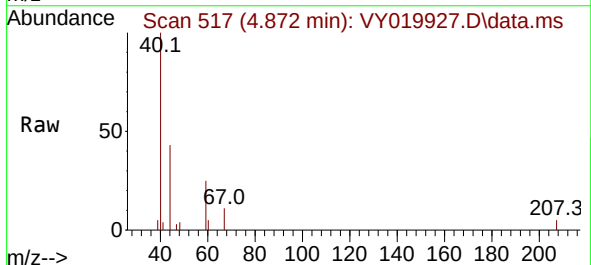
Instrument :
MSVOA_Y
ClientSampleId :

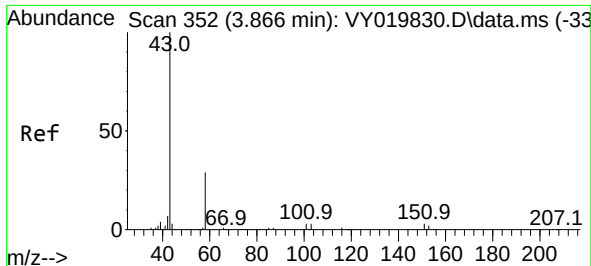
Tgt Ion:168 Resp: 240535
Ion Ratio Lower Upper
168 100
99 65.7 39.1 58.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.872 min Scan# 517
Delta R.T. 0.012 min
Lab File: VY019927.D
Acq: 17 Oct 2024 13:17

Tgt Ion: 59 Resp: 173
Ion Ratio Lower Upper
59 100
57 34.1 3.0 4.6#

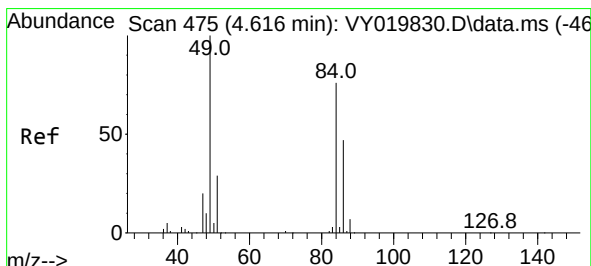
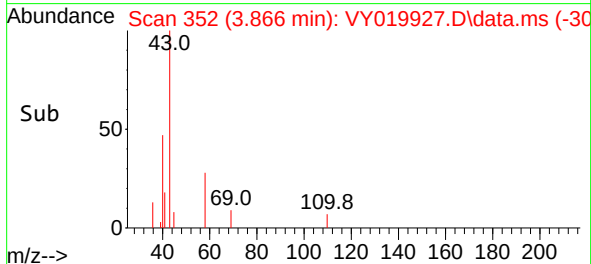
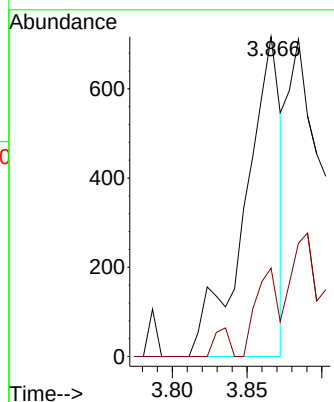
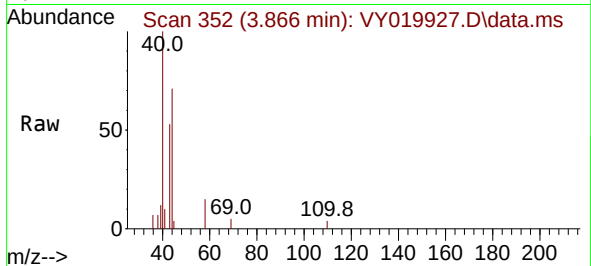




#16
Acetone
Concen: 1.537 ug/l
RT: 3.866 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY019927.D
Acq: 17 Oct 2024 13:17

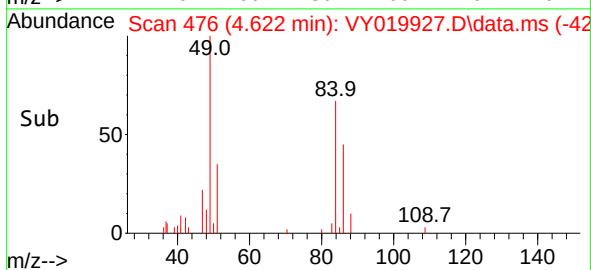
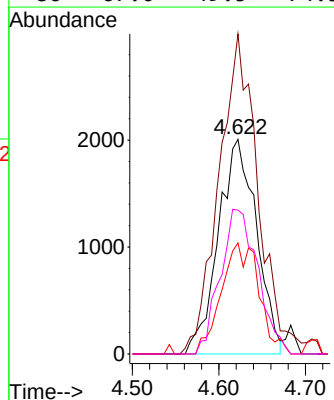
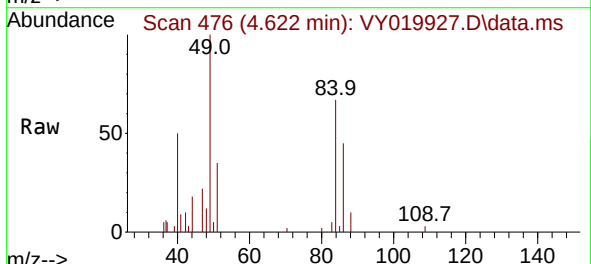
Instrument :
MSVOA_Y
ClientSampleId :

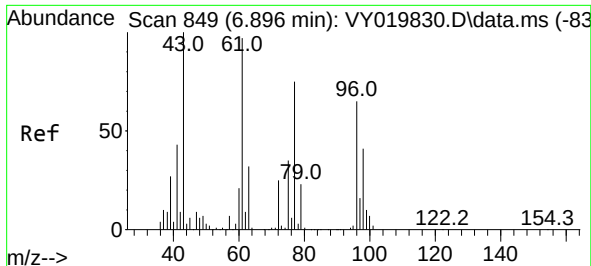
Tgt Ion: 43 Resp: 1185
Ion Ratio Lower Upper
43 100
58 27.6 31.7 47.5#



#20
Methylene Chloride
Concen: 1.372 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY019927.D
Acq: 17 Oct 2024 13:17

Tgt Ion: 84 Resp: 6142
Ion Ratio Lower Upper
84 100
49 149.1 84.4 126.6#
51 51.7 26.0 39.0#
86 67.0 49.5 74.3





#25

2-Butanone

Concen: 2.480 ug/l

RT: 6.890 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY019927.D

Acq: 17 Oct 2024 13:17

Instrument :

MSVOA_Y

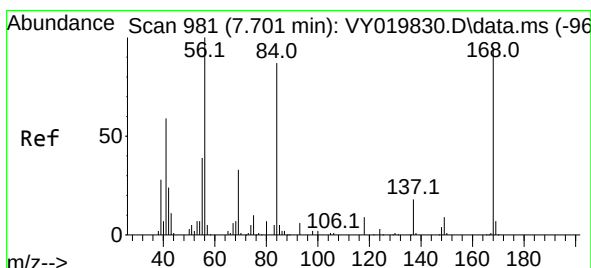
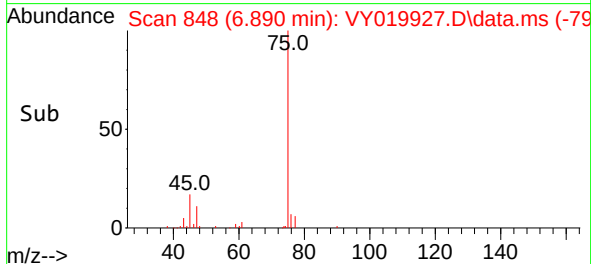
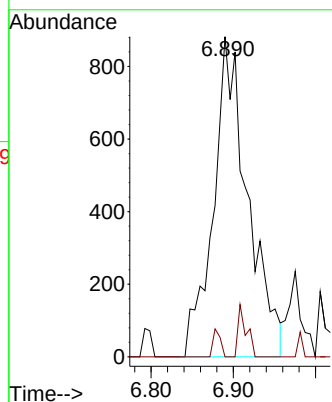
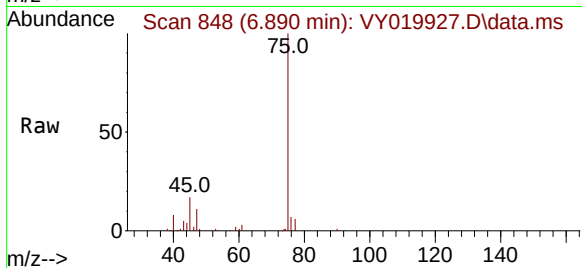
ClientSampleId :

Tgt Ion: 43 Resp: 2559

Ion Ratio Lower Upper

43 100

72 0.0 27.3 40.9#



#31

Cyclohexane

Concen: 1.507 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.000 min

Lab File: VY019927.D

Acq: 17 Oct 2024 13:17

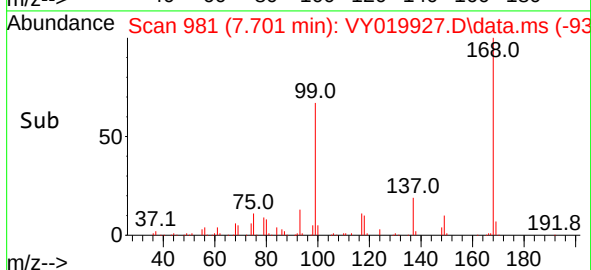
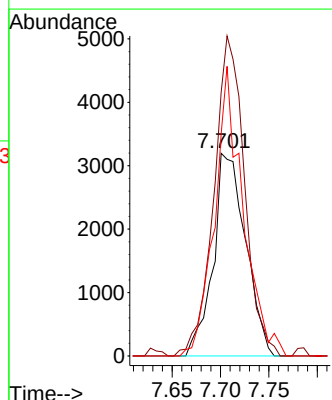
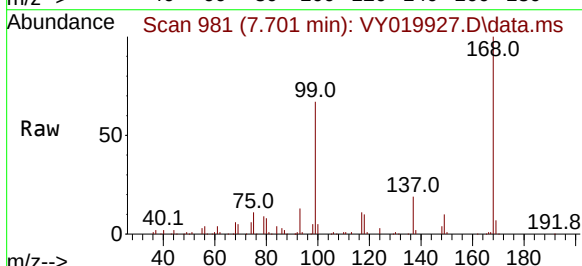
Tgt Ion: 56 Resp: 7459

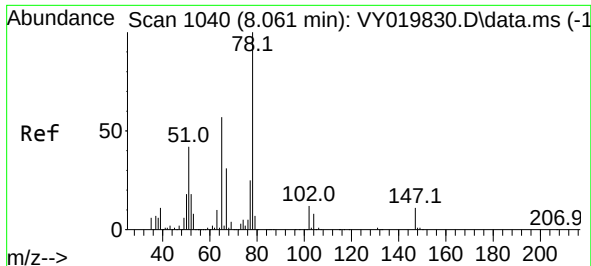
Ion Ratio Lower Upper

56 100

69 130.1 28.7 43.1#

84 109.5 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 54.969 ug/l

RT: 8.066 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019927.D

Acq: 17 Oct 2024 13:17

Instrument :

MSVOA_Y

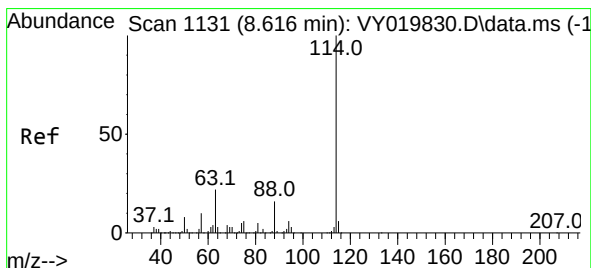
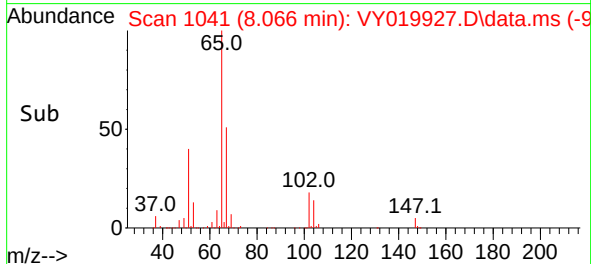
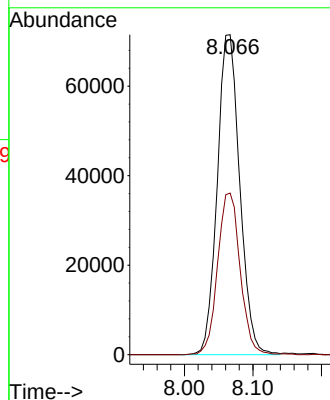
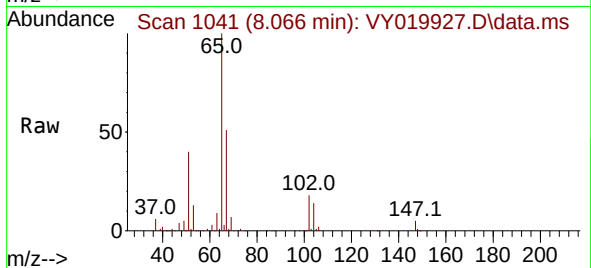
ClientSampleId :

Tgt Ion: 65 Resp: 162801

Ion Ratio Lower Upper

65 100

67 50.5 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY019927.D

Acq: 17 Oct 2024 13:17

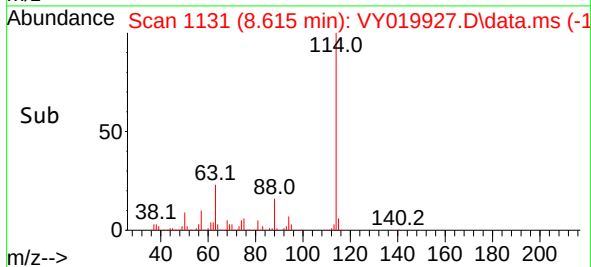
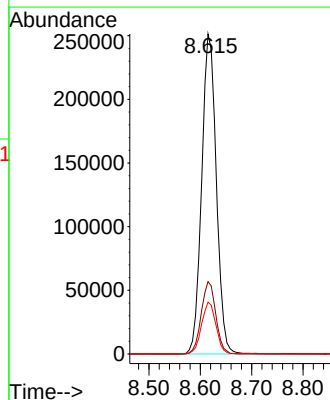
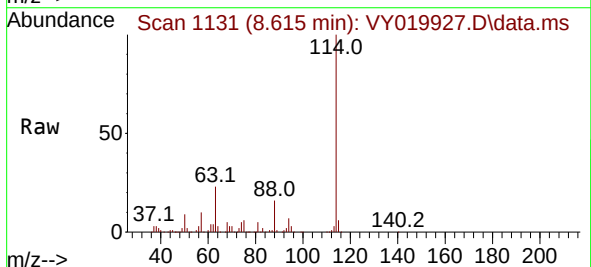
Tgt Ion: 114 Resp: 497022

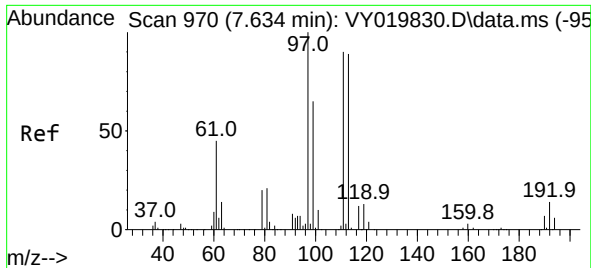
Ion Ratio Lower Upper

114 100

63 22.6 0.0 35.0

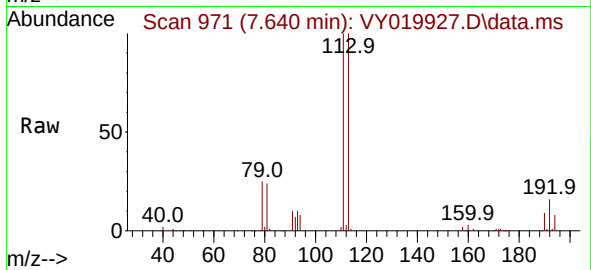
88 16.2 0.0 27.2



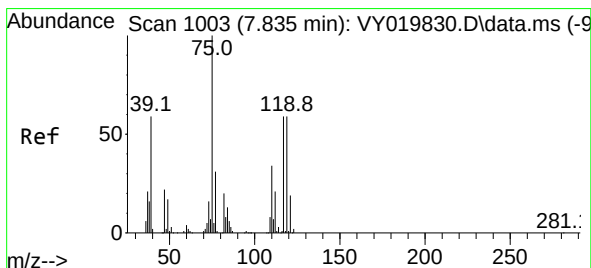
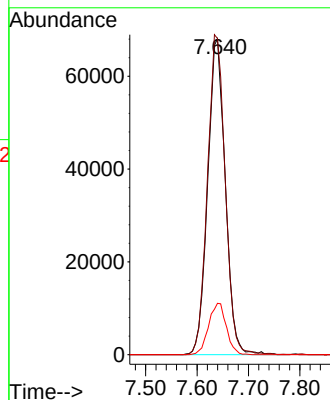
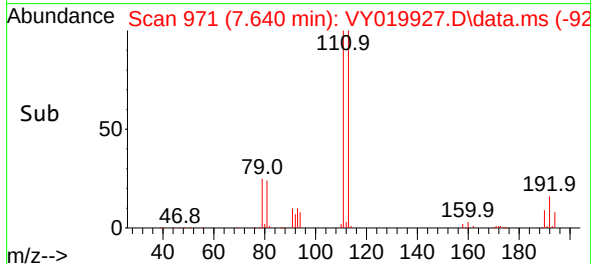


#35
Dibromofluoromethane
Concen: 49.251 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019927.D
Acq: 17 Oct 2024 13:17

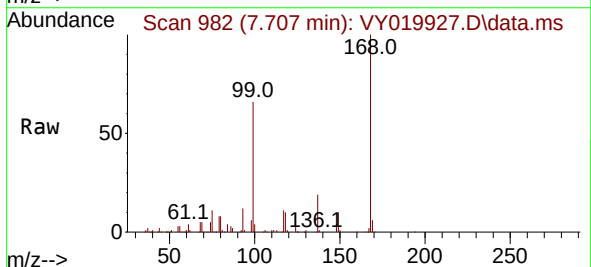
Instrument :
MSVOA_Y
ClientSampleId :



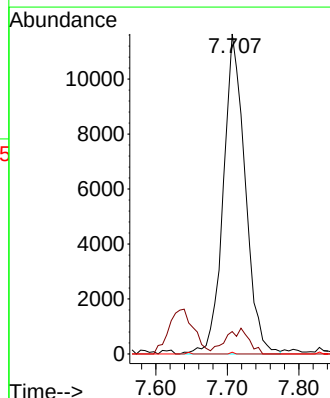
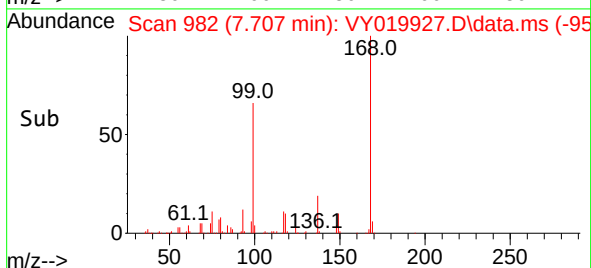
Tgt Ion:113 Resp: 161535
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.4
192 16.4 15.9 23.9

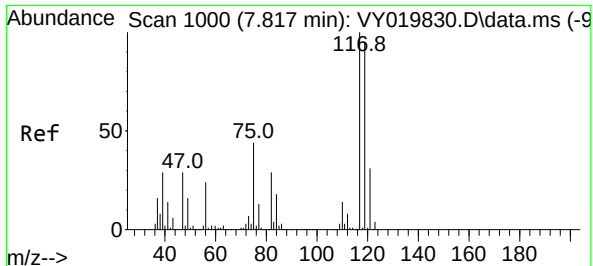


#36
1,1-Dichloropropene
Concen: 5.220 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY019927.D
Acq: 17 Oct 2024 13:17



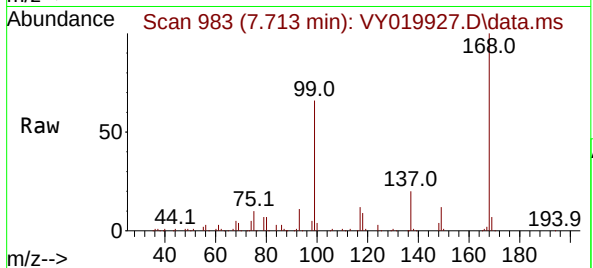
Tgt Ion: 75 Resp: 24667
Ion Ratio Lower Upper
75 100
110 8.4 19.0 57.0#
77 0.1 25.3 37.9#



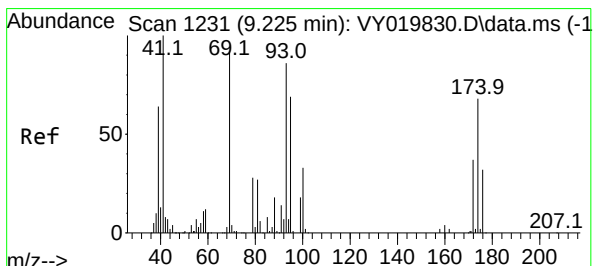
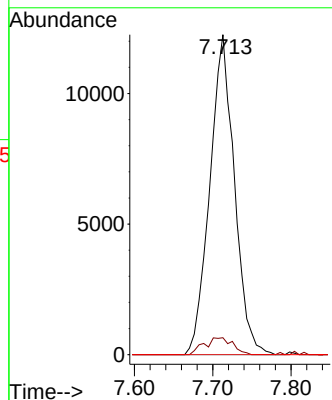
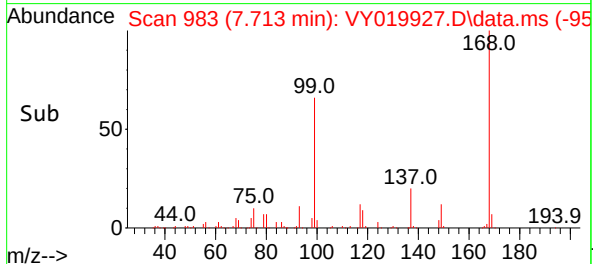


#38
Carbon Tetrachloride
Concen: 5.277 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY019927.D
Acq: 17 Oct 2024 13:17

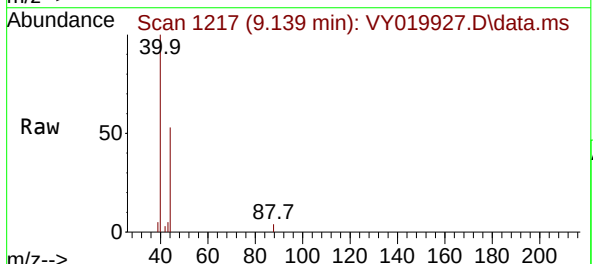
Instrument :
MSVOA_Y
ClientSampleId :



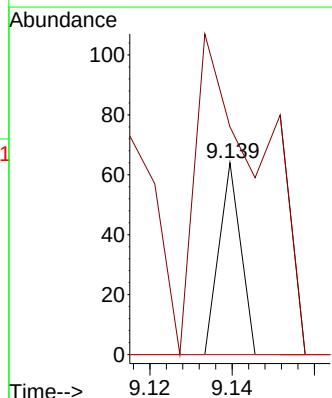
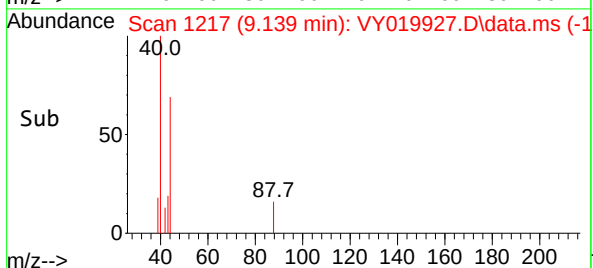
Tgt Ion:117 Resp: 26731
Ion Ratio Lower Upper
117 100
119 5.3 75.8 113.6#
121 0.0 24.0 36.0#

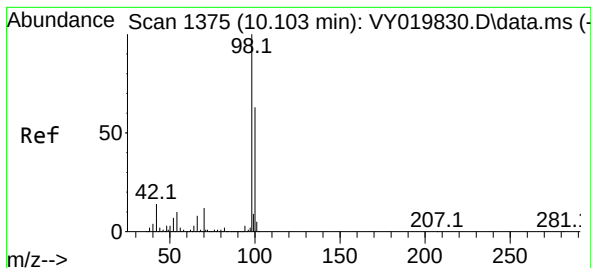


#49
1,4-Dioxane
Concen: 1.051 ug/l
RT: 9.139 min Scan# 1217
Delta R.T. -0.092 min
Lab File: VY019927.D
Acq: 17 Oct 2024 13:17



Tgt Ion: 88 Resp: 23
Ion Ratio Lower Upper
88 100
43 513.0 0.0 0.0#
58 0.0 49.3 73.9#

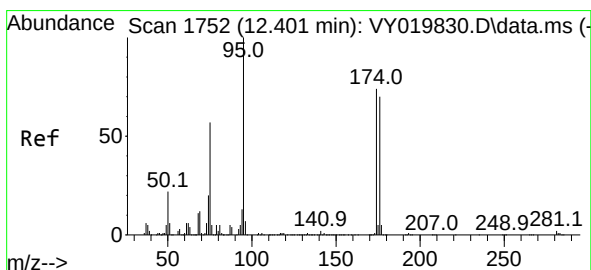
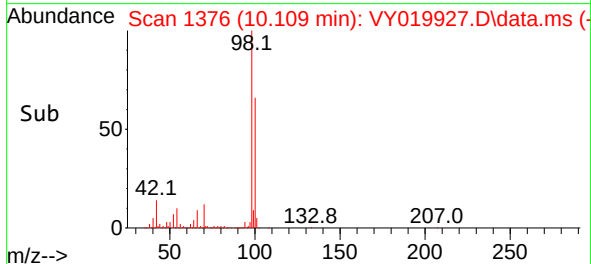
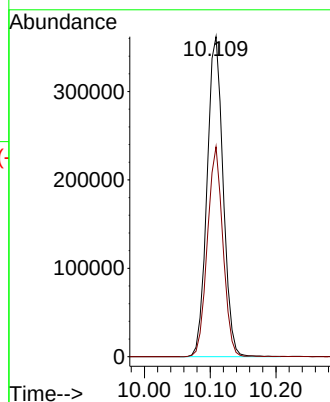
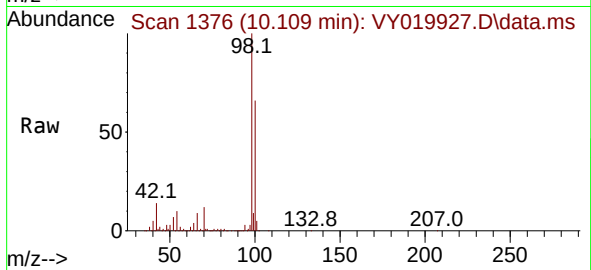




#50
Toluene-d8
Concen: 50.793 ug/l
RT: 10.109 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY019927.D
Acq: 17 Oct 2024 13:17

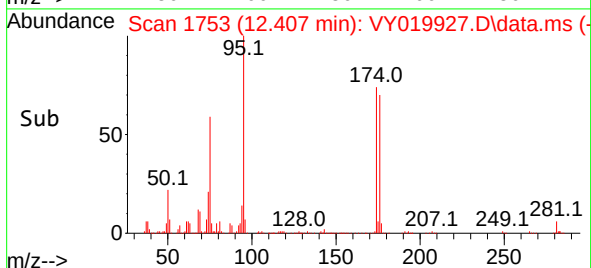
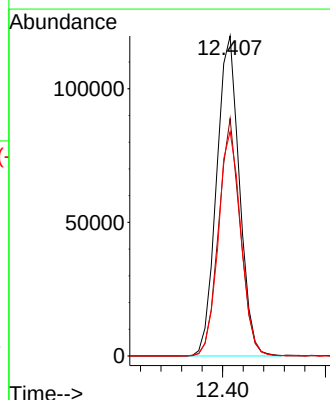
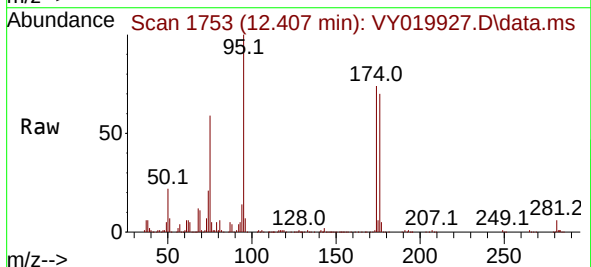
Instrument :
MSVOA_Y
ClientSampleId :

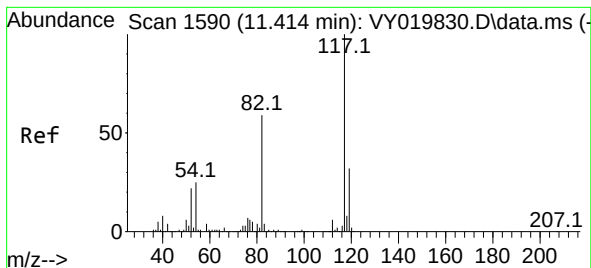
Tgt Ion: 98 Resp: 615196
Ion Ratio Lower Upper
98 100
100 63.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 42.123 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY019927.D
Acq: 17 Oct 2024 13:17

Tgt Ion: 95 Resp: 184346
Ion Ratio Lower Upper
95 100
174 70.1 0.0 175.6
176 69.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.413 min Scan# 11

Delta R.T. -0.006 min

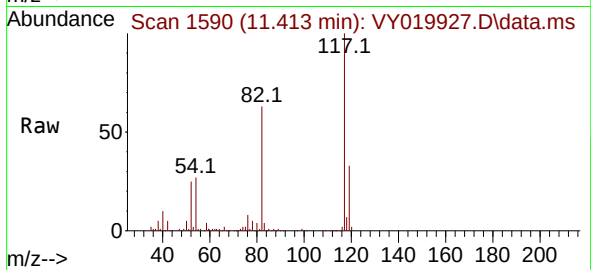
Lab File: VY019927.D

Acq: 17 Oct 2024 13:17

Instrument :

MSVOA_Y

ClientSampleId :



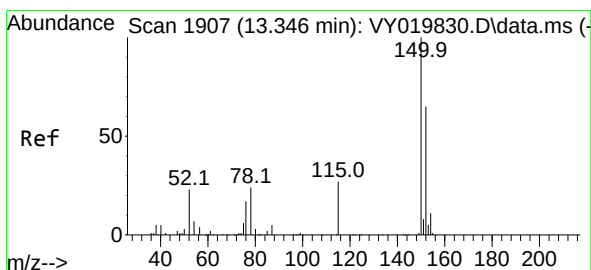
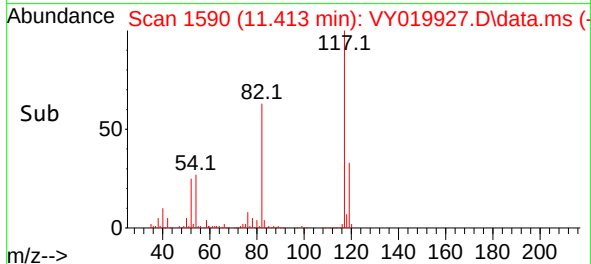
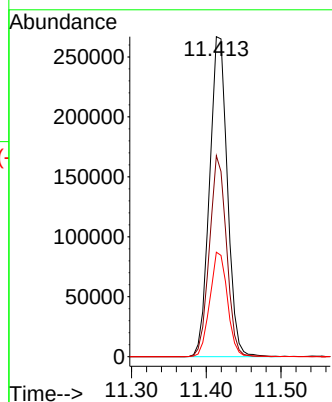
Tgt Ion:117 Resp: 443079

Ion Ratio Lower Upper

117 100

82 62.8 42.4 63.6

119 32.6 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY019927.D

Acq: 17 Oct 2024 13:17

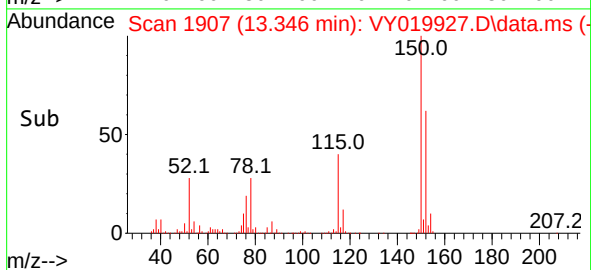
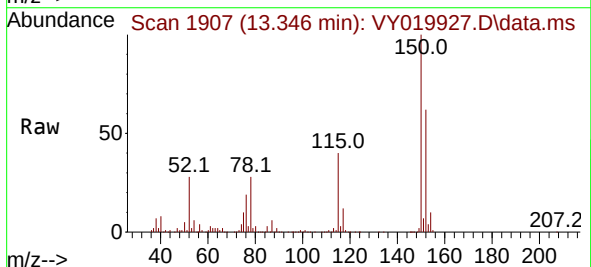
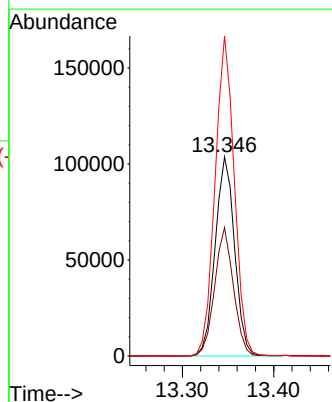
Tgt Ion:152 Resp: 153148

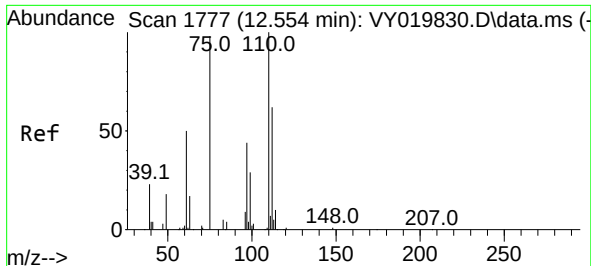
Ion Ratio Lower Upper

152 100

115 62.6 28.2 84.7

150 159.0 0.0 345.6

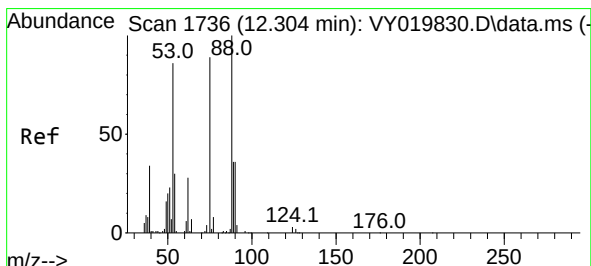
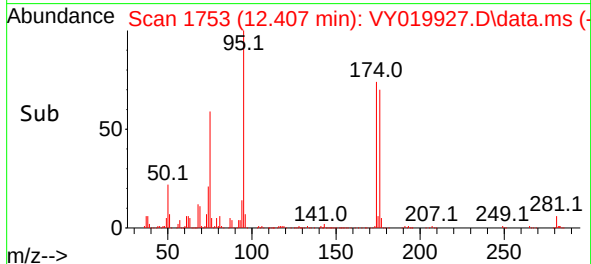
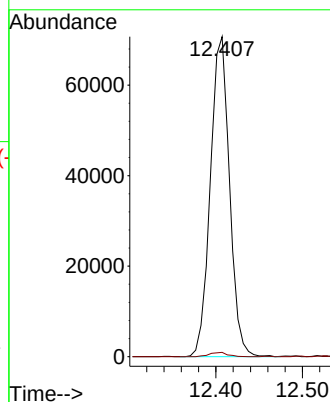
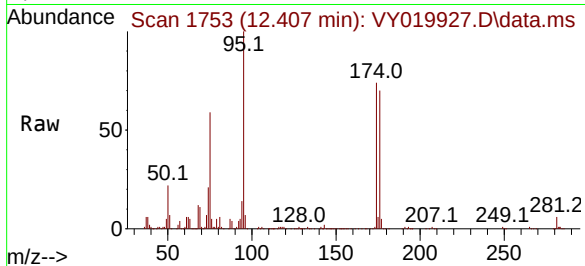




#76
1,2,3-Trichloropropane
Concen: 36.237 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY019927.D
Acq: 17 Oct 2024 13:17

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 108717
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 146.267 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY019927.D
Acq: 17 Oct 2024 13:17

Tgt Ion: 75 Resp: 108717
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.2 35.8 53.6#

