

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082224\
 Data File : VY019222.D
 Acq On : 22 Aug 2024 15:56
 Operator : SY/MD
 Sample : P3671-01
 Misc : 5.69g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 23 01:54:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

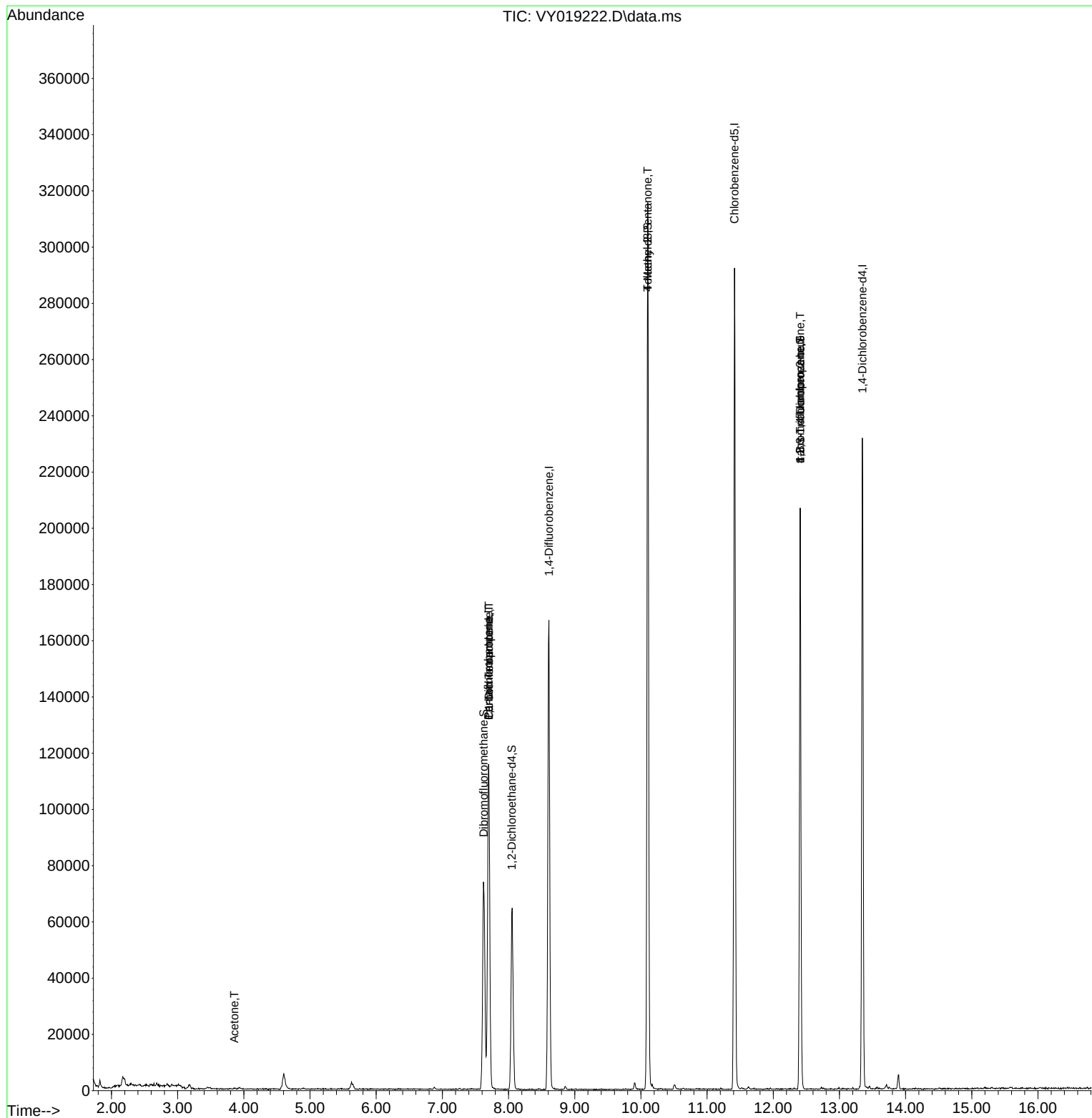
Internal Standards						
1) Pentafluorobenzene	7.695	168	90624	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	146100	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	154172	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	57008	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.048	65	51178	56.336	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.680%	
35) Dibromofluoromethane	7.622	113	52492	54.949	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.900%	
50) Toluene-d8	10.103	98	196671	57.209	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 114.420%	
62) 4-Bromofluorobenzene	12.407	95	58618	50.019	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 100.040%	
Target Compounds						Qvalue
5) Bromomethane	2.604	94	284	Below Cal	#	70
6) Chloroethane	2.659	64	50	Below Cal	#	42
13) Acrolein	3.878	56	25	Below Cal	#	15
16) Acetone	3.854	43	312	1.852	ug/l #	58
20) Methylene Chloride	4.604	84	3730	Below Cal		93
31) Cyclohexane	7.701	56	1996	Below Cal	#	27
36) 1,1-Dichloropropene	7.701	75	6925	5.279	ug/l #	50
38) Carbon Tetrachloride	7.701	117	9325	6.134	ug/l #	15
51) 4-Methyl-2-Pentanone	10.103	43	949	1.521	ug/l #	1
76) 1,2,3-Trichloropropane	12.407	75	33068	58.819	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	33068	145.262	ug/l #	16

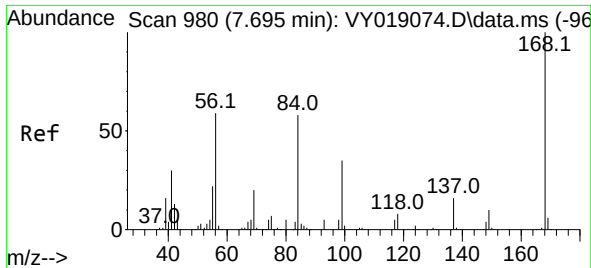
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082224\
Data File : VY019222.D
Acq On : 22 Aug 2024 15:56
Operator : SY/MD
Sample : P3671-01
Misc : 5.69g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Aug 23 01:54:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 16 05:10:30 2024
Response via : Initial Calibration

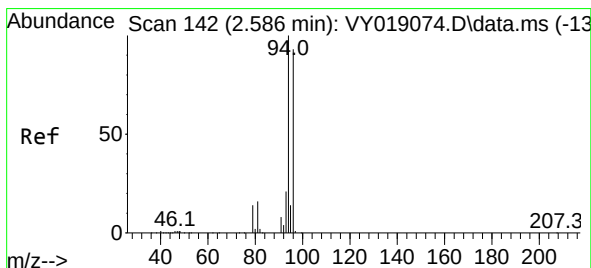
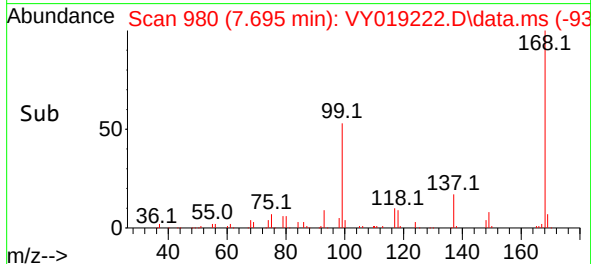
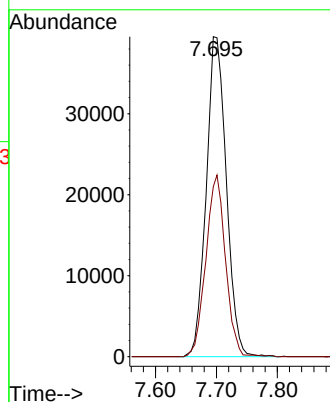
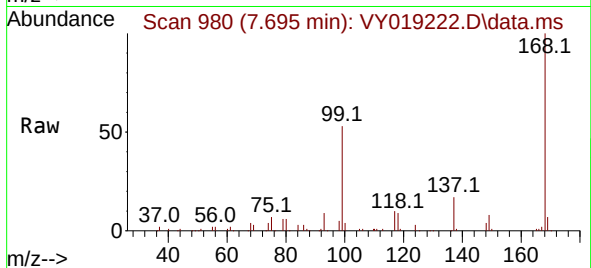




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019222.D
Acq: 22 Aug 2024 15:56

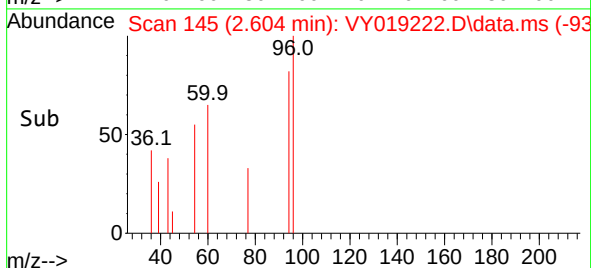
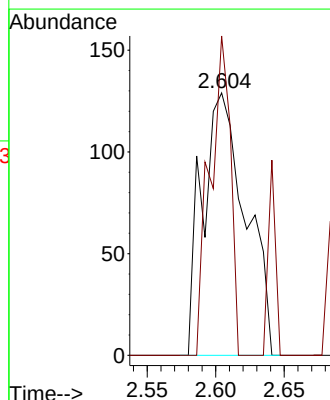
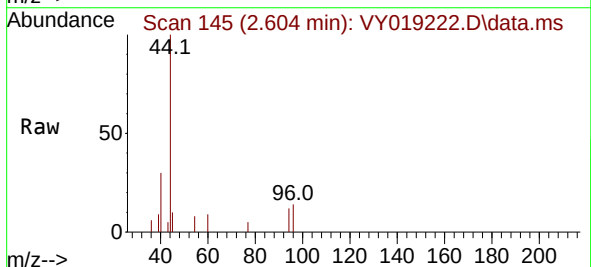
Instrument :
MSVOA_Y
ClientSampleId :

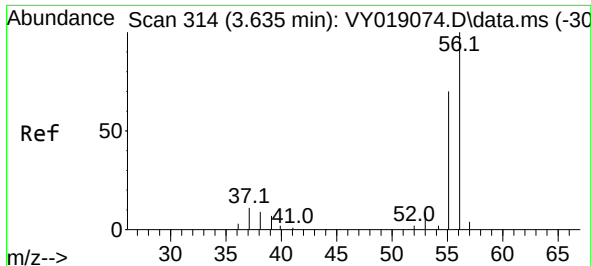
Tgt Ion:168 Resp: 90624
Ion Ratio Lower Upper
168 100
99 53.1 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.604 min Scan# 145
Delta R.T. 0.018 min
Lab File: VY019222.D
Acq: 22 Aug 2024 15:56

Tgt Ion: 94 Resp: 284
Ion Ratio Lower Upper
94 100
96 121.7 74.1 111.1#





#13

Acrolein

Concen: Below Cal

RT: 3.878 min Scan# 314

Delta R.T. 0.244 min

Lab File: VY019222.D

Acq: 22 Aug 2024 15:56

Instrument :

MSVOA_Y

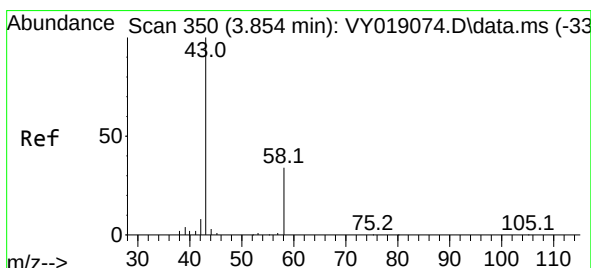
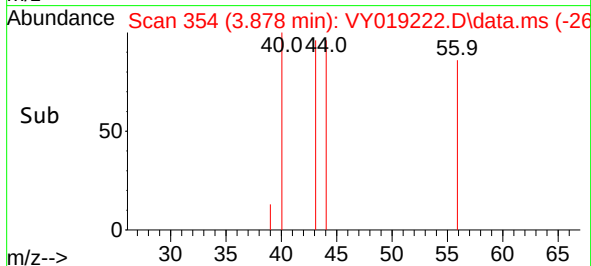
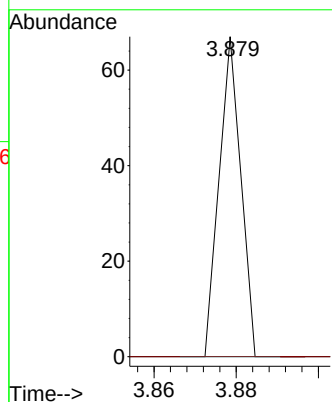
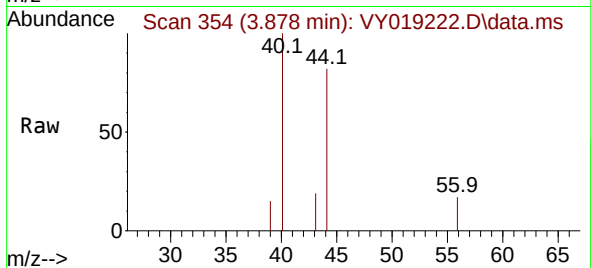
ClientSampleId :

Tgt Ion: 56 Resp: 25

Ion Ratio Lower Upper

56 100

55 0.0 55.7 83.5#



#16

Acetone

Concen: 1.852 ug/l

RT: 3.854 min Scan# 350

Delta R.T. 0.000 min

Lab File: VY019222.D

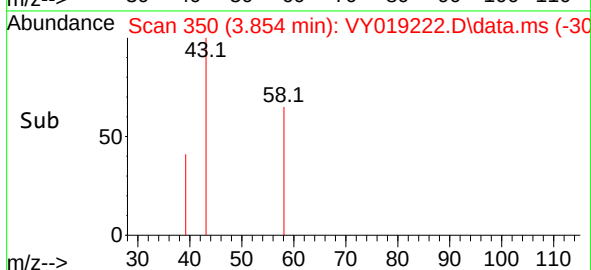
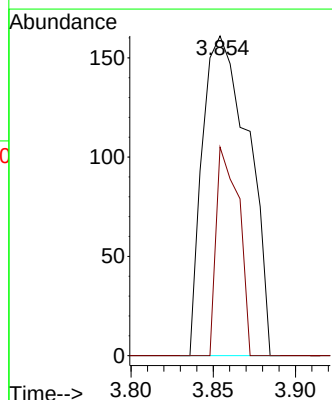
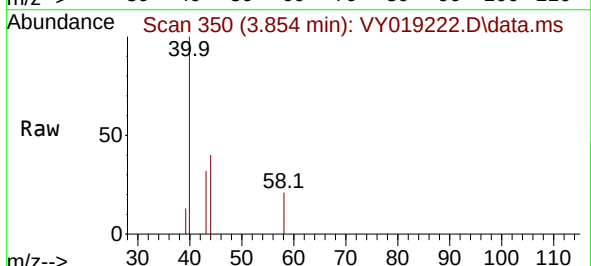
Acq: 22 Aug 2024 15:56

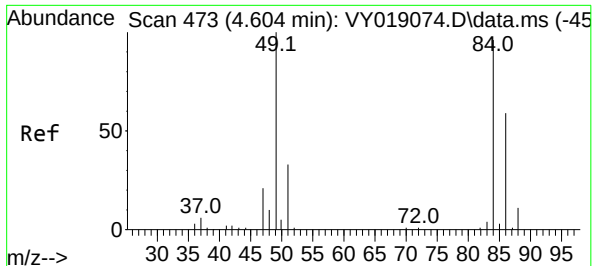
Tgt Ion: 43 Resp: 312

Ion Ratio Lower Upper

43 100

58 65.2 31.7 47.5#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.604 min Scan# 41

Delta R.T. -0.000 min

Lab File: VY019222.D

Acq: 22 Aug 2024 15:56

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 84 Resp: 3730

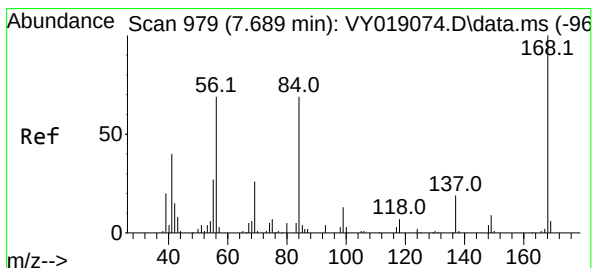
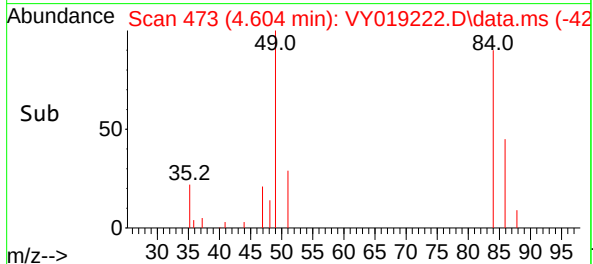
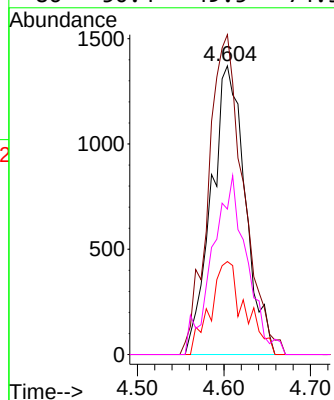
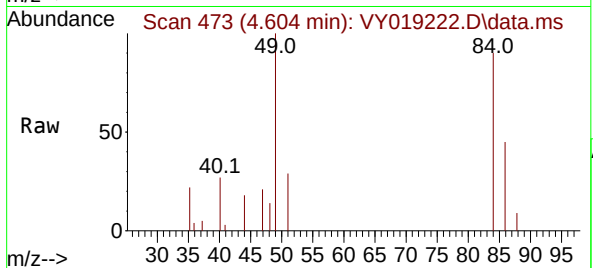
Ion Ratio Lower Upper

84 100

49 110.8 84.4 126.6

51 32.2 26.0 39.0

86 50.4 49.5 74.3



#31

Cyclohexane

Concen: Below Cal

RT: 7.701 min Scan# 981

Delta R.T. 0.012 min

Lab File: VY019222.D

Acq: 22 Aug 2024 15:56

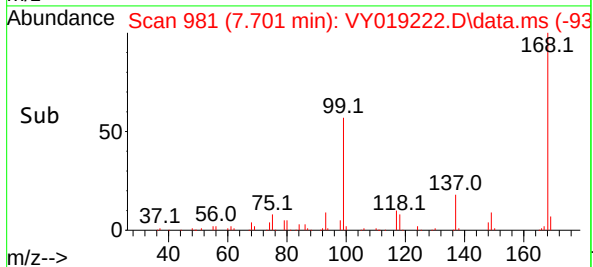
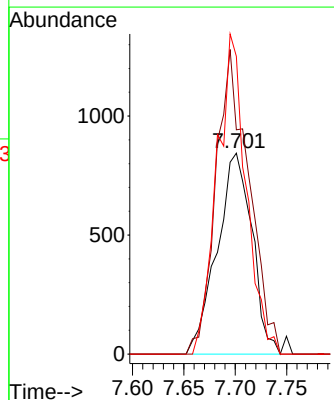
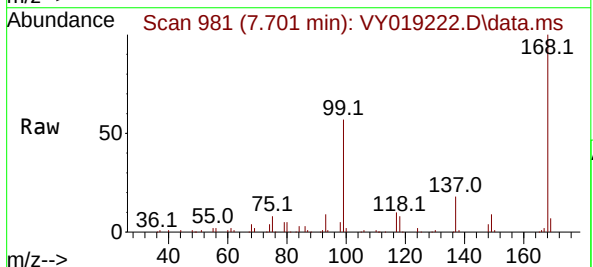
Tgt Ion: 56 Resp: 1996

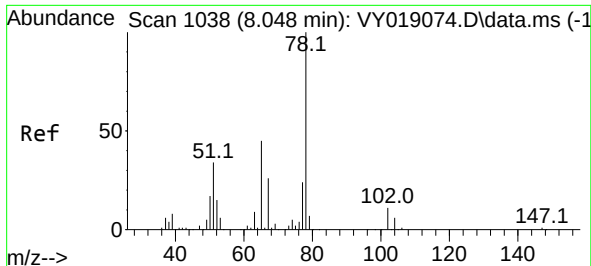
Ion Ratio Lower Upper

56 100

69 111.6 28.7 43.1#

84 148.2 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 56.336 ug/l

RT: 8.048 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY019222.D

Acq: 22 Aug 2024 15:56

Instrument :

MSVOA_Y

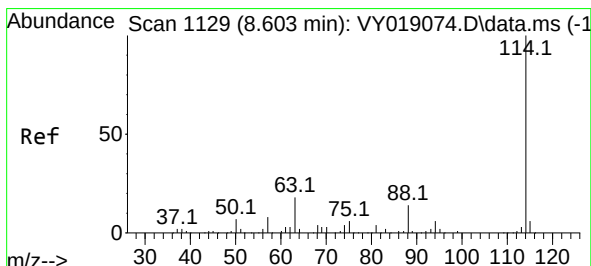
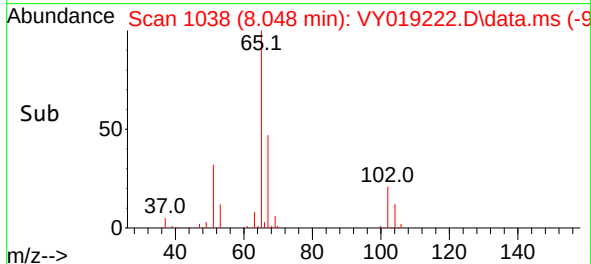
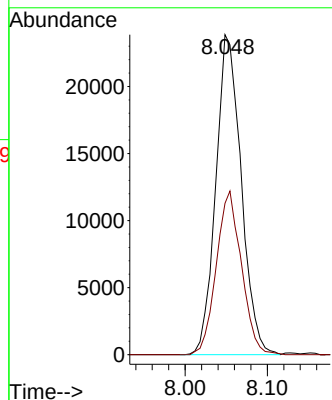
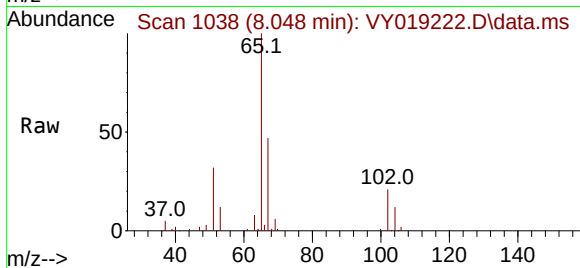
ClientSampleId :

Tgt Ion: 65 Resp: 51178

Ion Ratio Lower Upper

65 100

67 50.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019222.D

Acq: 22 Aug 2024 15:56

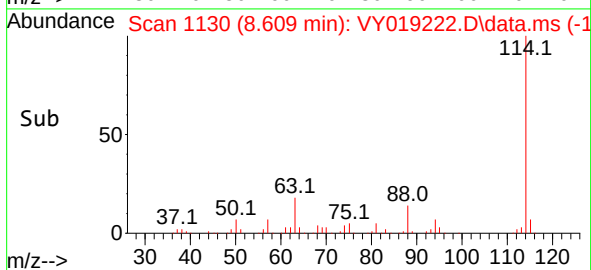
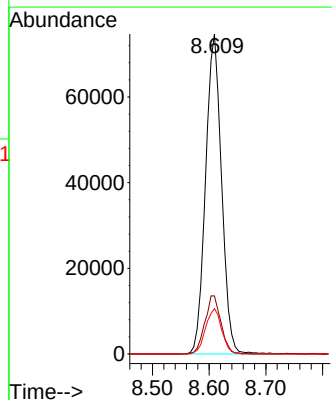
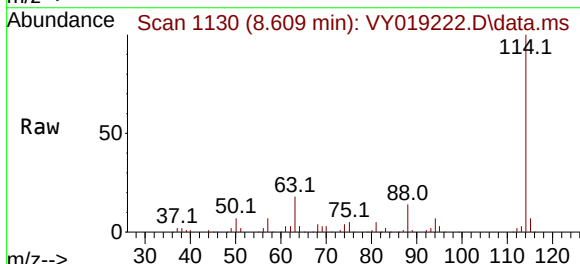
Tgt Ion: 114 Resp: 146100

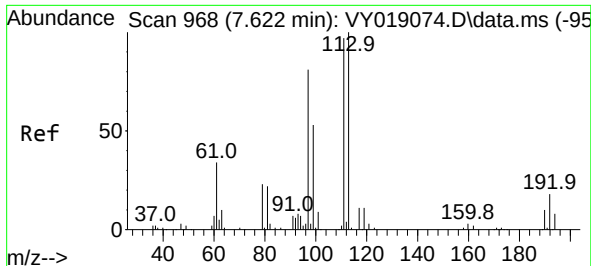
Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.0

88 14.2 0.0 27.2

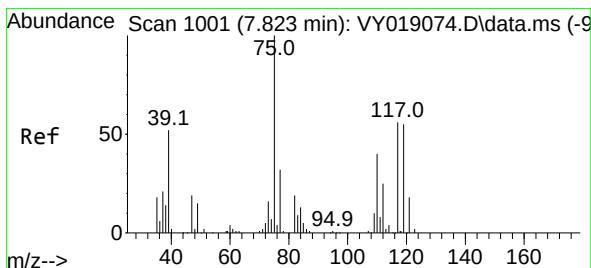
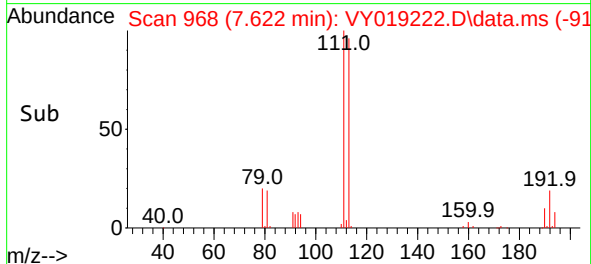
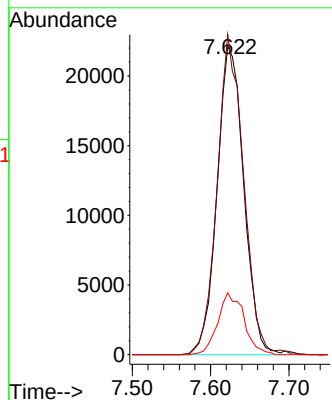
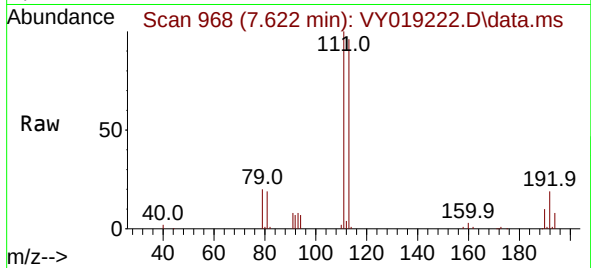




#35
Dibromofluoromethane
Concen: 54.949 ug/l
RT: 7.622 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY019222.D
Acq: 22 Aug 2024 15:56

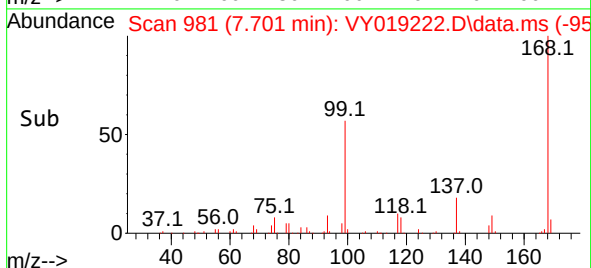
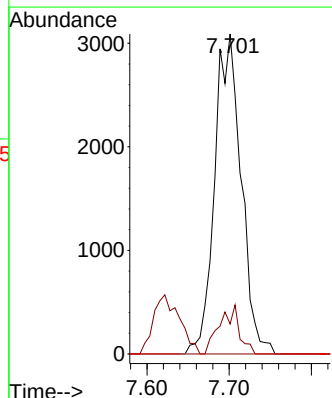
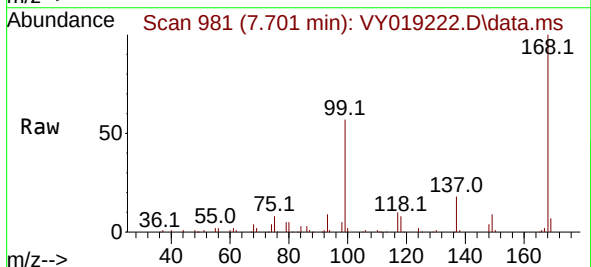
Instrument :
MSVOA_Y
ClientSampleId :

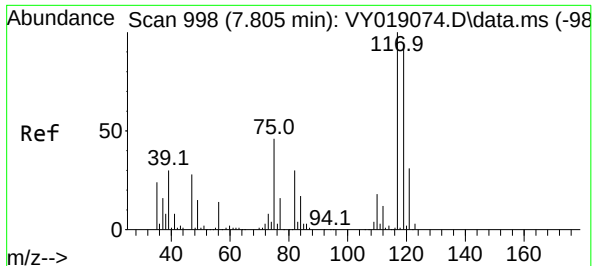
Tgt Ion:113 Resp: 52492
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.4
192 19.7 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.279 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY019222.D
Acq: 22 Aug 2024 15:56

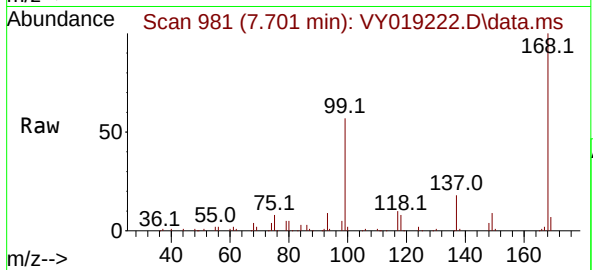
Tgt Ion: 75 Resp: 6925
Ion Ratio Lower Upper
75 100
110 11.3 19.0 57.0#
77 0.0 25.3 37.9#



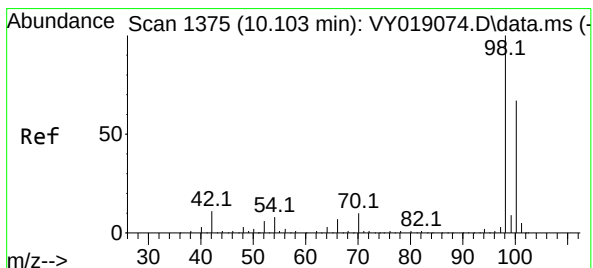
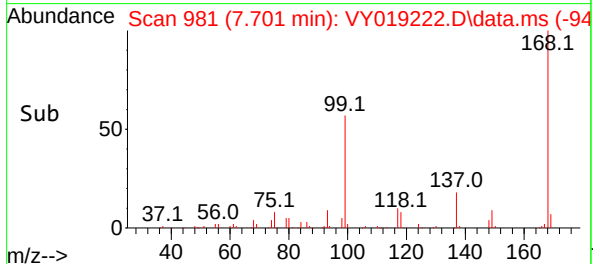
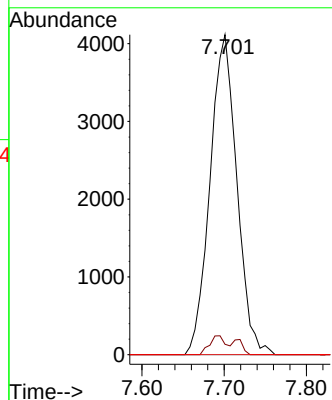


#38
Carbon Tetrachloride
Concen: 6.134 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY019222.D
Acq: 22 Aug 2024 15:56

Instrument :
MSVOA_Y
ClientSampleId :

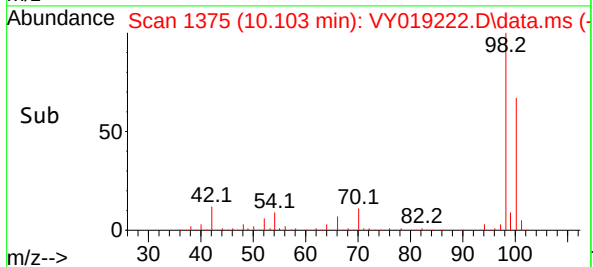
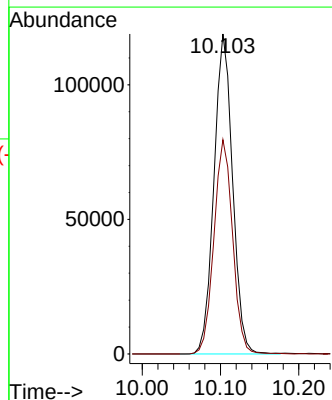
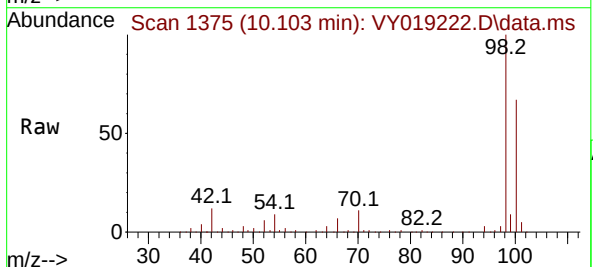


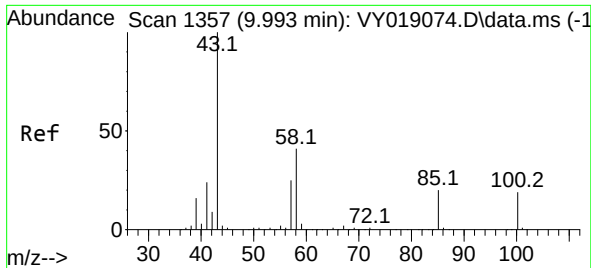
Tgt Ion:117 Resp: 9325
Ion Ratio Lower Upper
117 100
119 3.3 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 57.209 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019222.D
Acq: 22 Aug 2024 15:56

Tgt Ion: 98 Resp: 196671
Ion Ratio Lower Upper
98 100
100 67.1 52.0 78.0

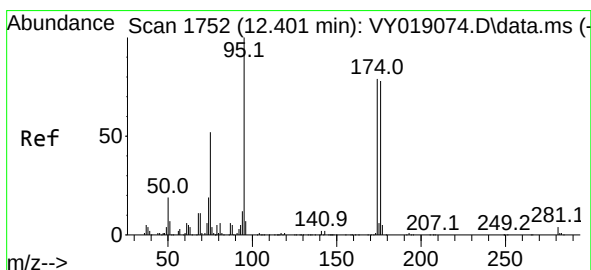
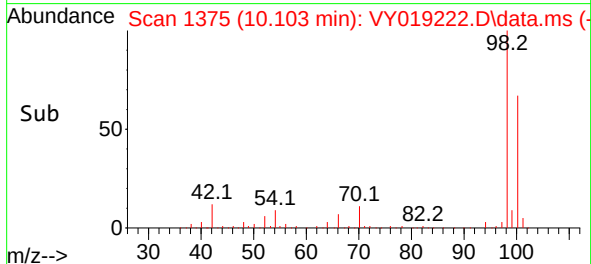
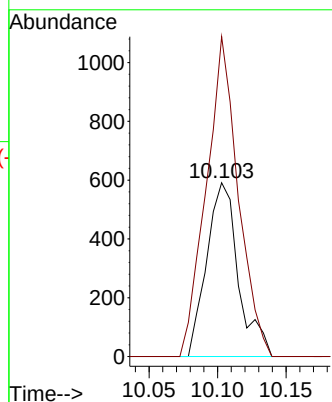
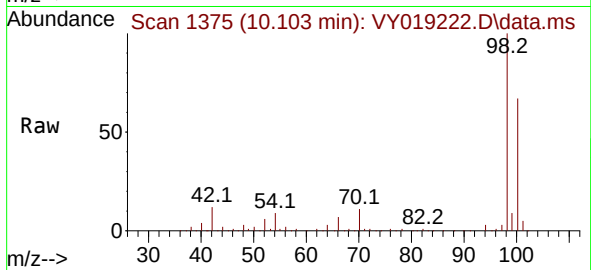




#51
4-Methyl-2-Pentanone
Concen: 1.521 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY019222.D
Acq: 22 Aug 2024 15:56

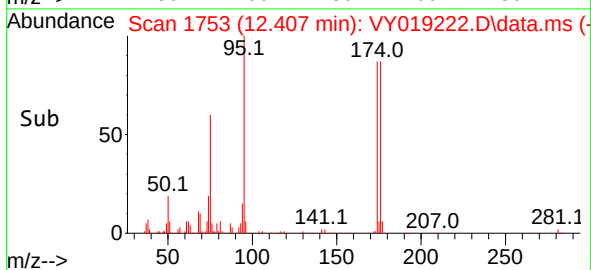
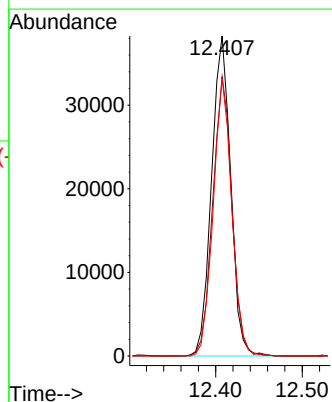
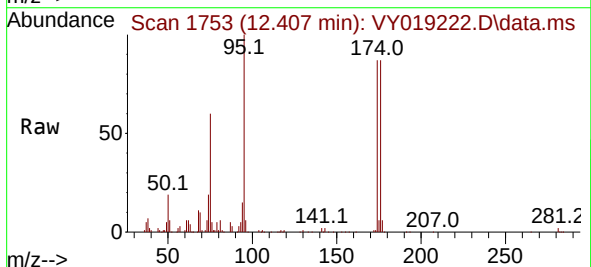
Instrument :
MSVOA_Y
ClientSampleId :

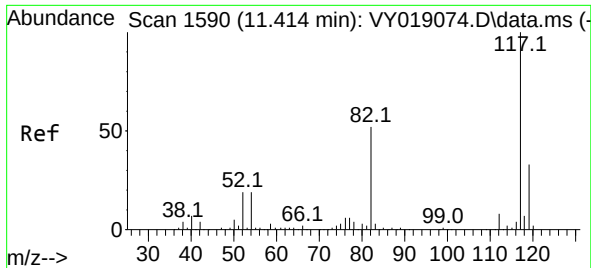
Tgt Ion: 43 Resp: 949
Ion Ratio Lower Upper
43 100
58 185.6 35.7 53.5#



#62
4-Bromofluorobenzene
Concen: 50.019 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019222.D
Acq: 22 Aug 2024 15:56

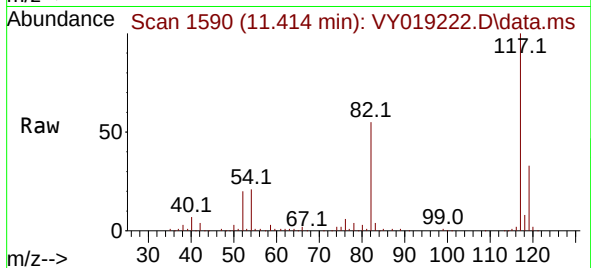
Tgt Ion: 95 Resp: 58618
Ion Ratio Lower Upper
95 100
174 87.4 0.0 175.6
176 84.3 0.0 171.4



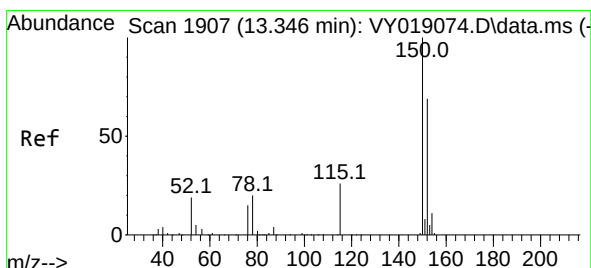
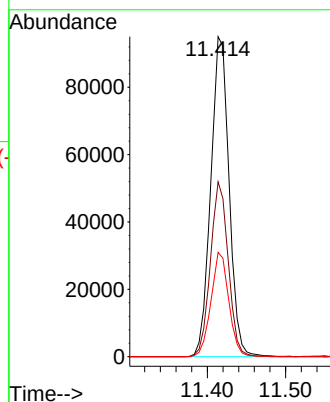
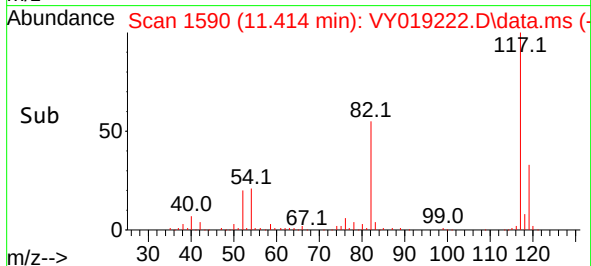


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY019222.D
Acq: 22 Aug 2024 15:56

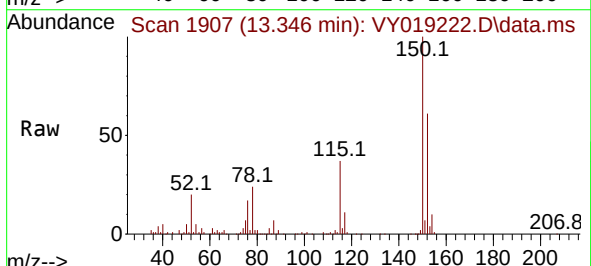
Instrument :
MSVOA_Y
ClientSampleId :



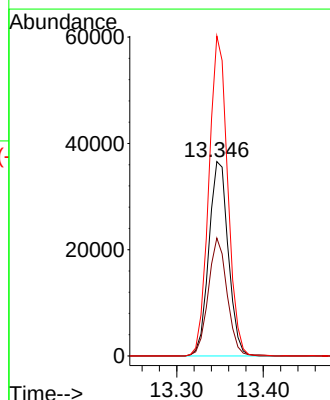
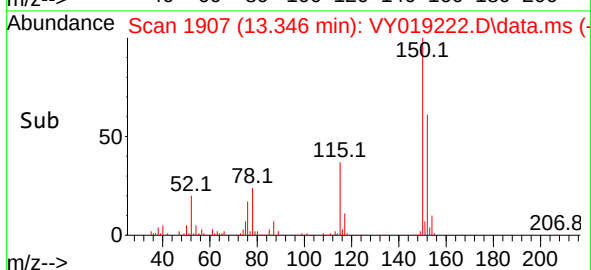
Tgt Ion:117 Resp: 154172
Ion Ratio Lower Upper
117 100
82 54.7 42.4 63.6
119 32.6 25.9 38.9

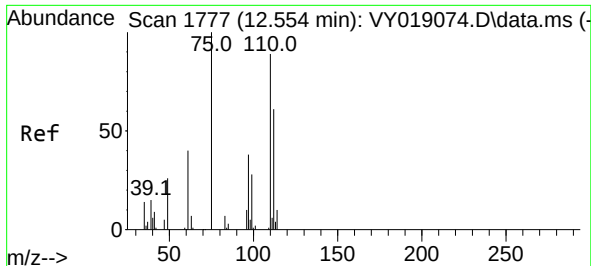


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019222.D
Acq: 22 Aug 2024 15:56



Tgt Ion:152 Resp: 57008
Ion Ratio Lower Upper
152 100
115 58.6 28.2 84.7
150 159.0 0.0 345.6

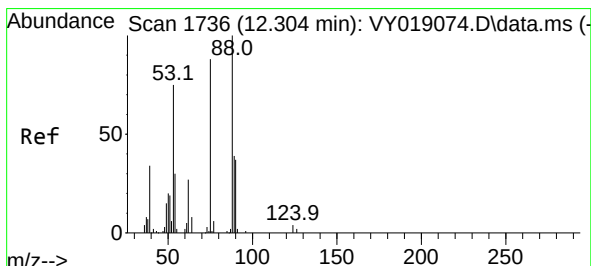
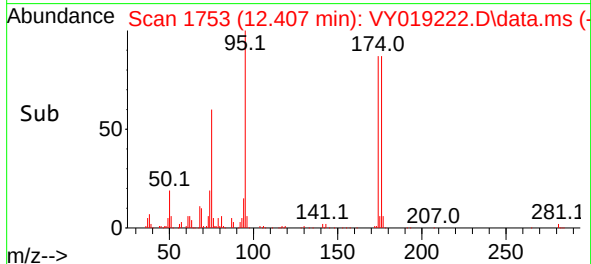
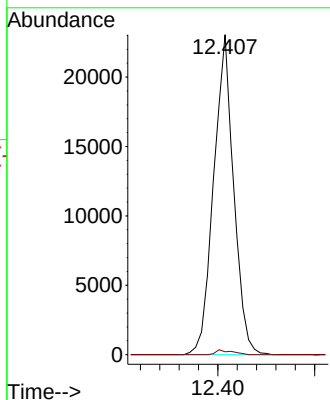
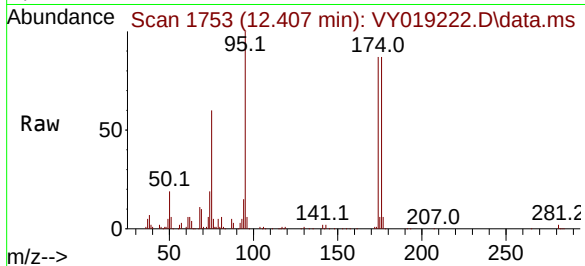




#76
1,2,3-Trichloropropane
Concen: 58.819 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY019222.D
Acq: 22 Aug 2024 15:56

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 33068
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 145.262 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY019222.D
Acq: 22 Aug 2024 15:56

Tgt Ion: 75 Resp: 33068
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.0 35.8 53.6#

