

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082024\
 Data File : VY019151.D
 Acq On : 20 Aug 2024 15:16
 Operator : SY/MD
 Sample : P3643-04
 Misc : 7.20g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 21 01:30:21 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)

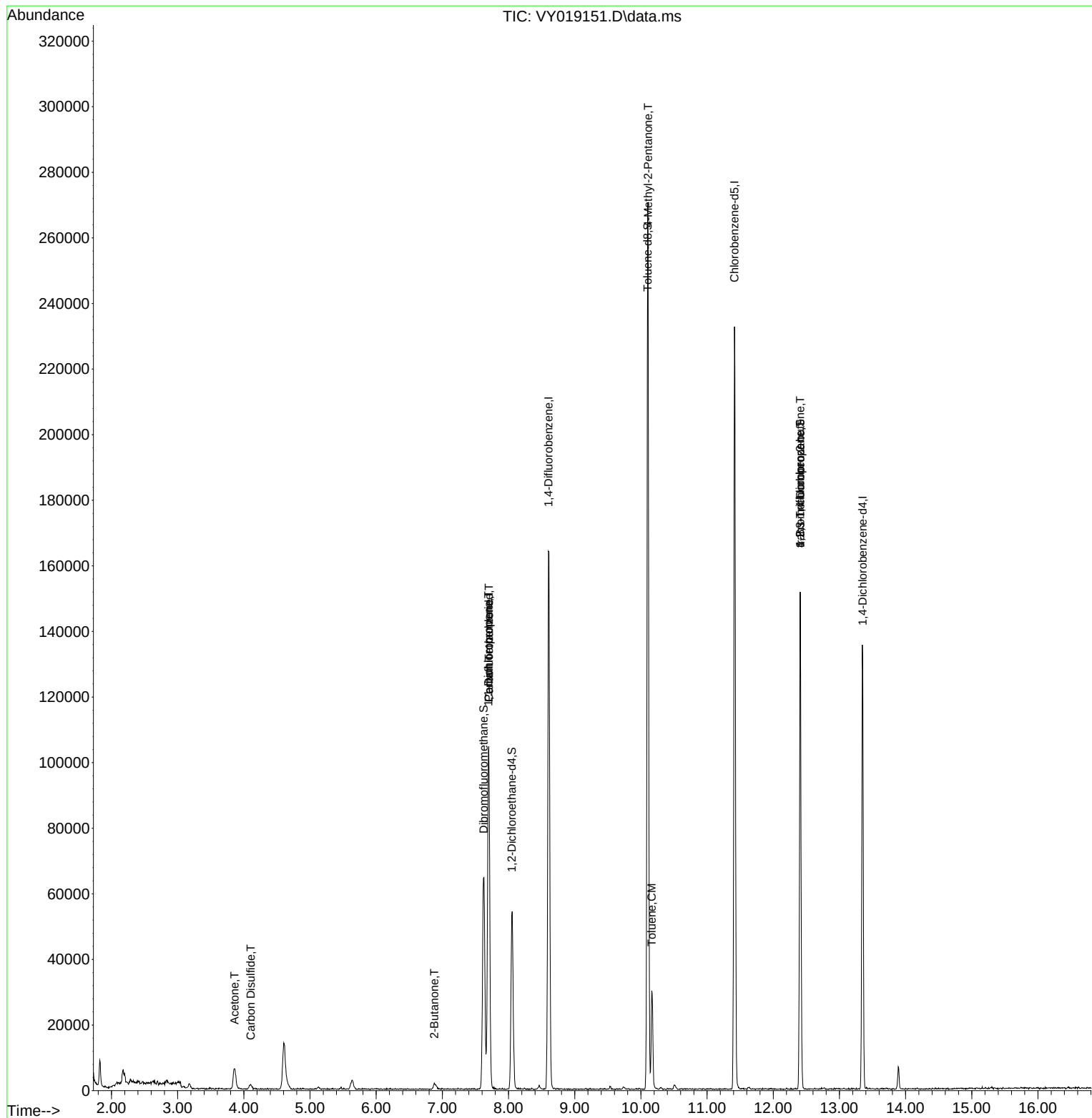
Internal Standards						
1) Pentafluorobenzene	7.701	168	83457	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	146774	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	127389	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	33406	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	44228	52.867	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.740%	
35) Dibromofluoromethane	7.622	113	47345	49.333	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.660%	
50) Toluene-d8	10.103	98	174357	50.485	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.980%	
62) 4-Bromofluorobenzene	12.408	95	43569	37.007	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 74.020%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.604	94	88	Below Cal		98
6) Chloroethane	2.659	64	58	Below Cal	#	42
13) Acrolein	3.623	56	20	Below Cal	#	15
16) Acetone	3.860	43	11428	73.659	ug/l	88
17) Carbon Disulfide	4.104	76	2806	1.195	ug/l	# 92
25) 2-Butanone	6.878	43	1312	5.251	ug/l	94
31) Cyclohexane	7.701	56	1848	Below Cal	#	22
36) 1,1-Dichloropropene	7.695	75	6591	5.001	ug/l	# 46
38) Carbon Tetrachloride	7.701	117	8468	5.545	ug/l	# 15
51) 4-Methyl-2-Pentanone	10.109	43	913	1.457	ug/l	# 1
52) Toluene	10.164	92	12527	4.722	ug/l	99
76) 1,2,3-Trichloropropane	12.408	75	22865	69.405	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.408	75	22865	171.407	ug/l	# 16

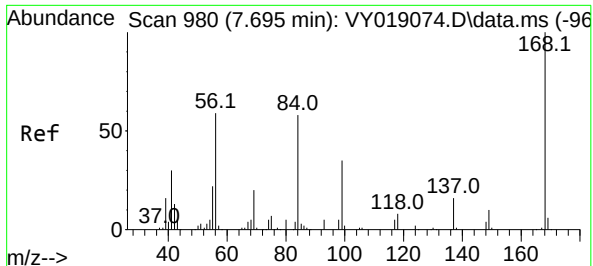
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082024\
Data File : VY019151.D
Acq On : 20 Aug 2024 15:16
Operator : SY/MD
Sample : P3643-04
Misc : 7.20g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Aug 21 01:30:21 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

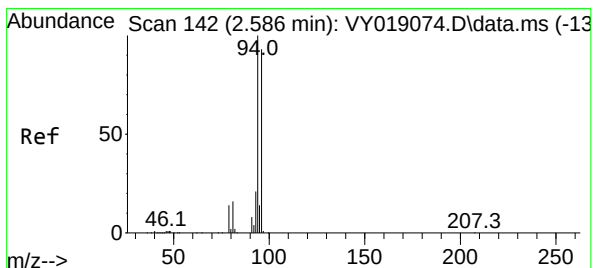
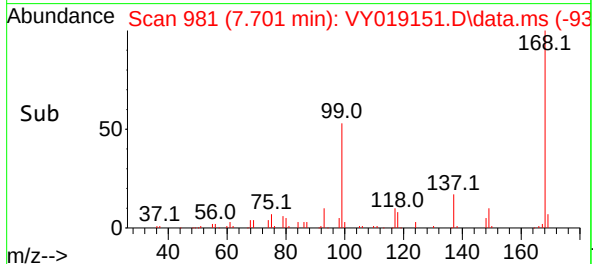
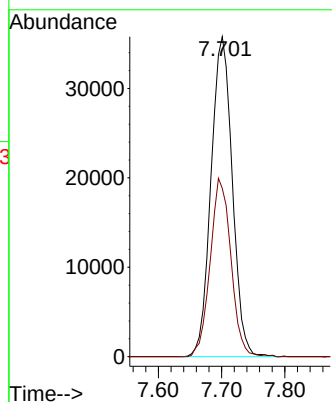
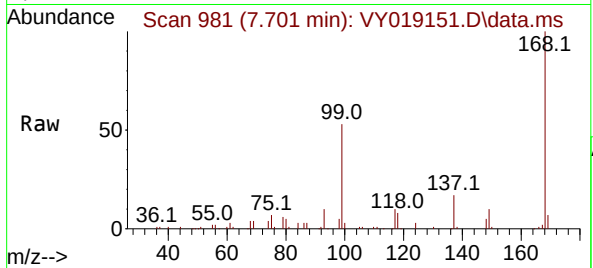




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019151.D
Acq: 20 Aug 2024 15:16

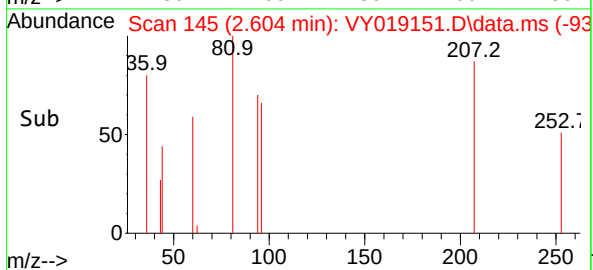
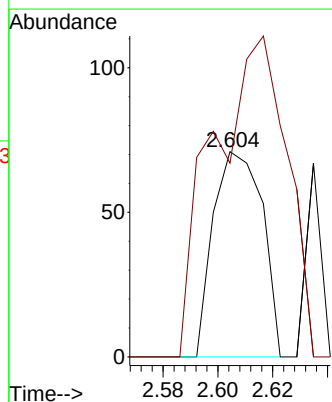
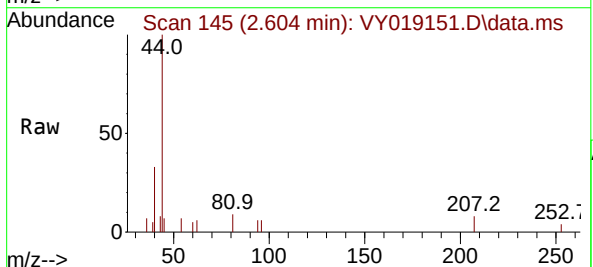
Instrument :
MSVOA_Y
ClientSampleId :

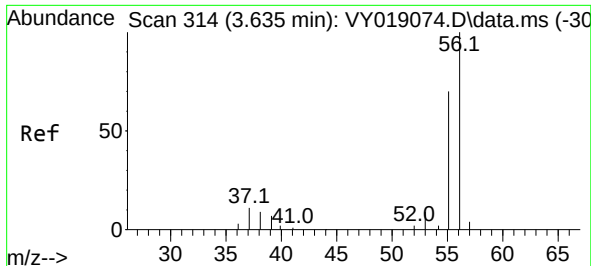
Tgt Ion:168 Resp: 83457
Ion Ratio Lower Upper
168 100
99 52.6 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.604 min Scan# 145
Delta R.T. 0.018 min
Lab File: VY019151.D
Acq: 20 Aug 2024 15:16

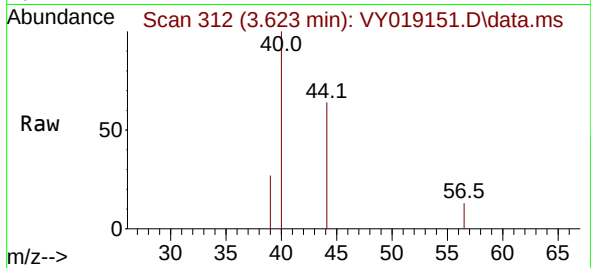
Tgt Ion: 94 Resp: 88
Ion Ratio Lower Upper
94 100
96 94.4 74.1 111.1



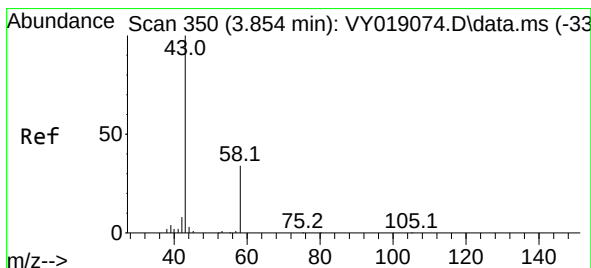
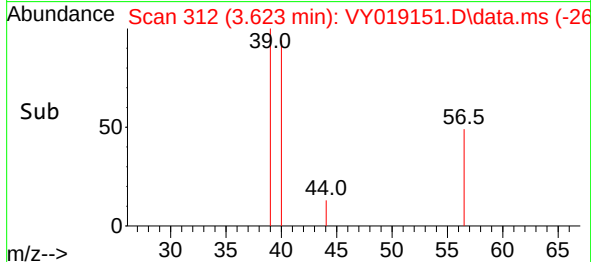
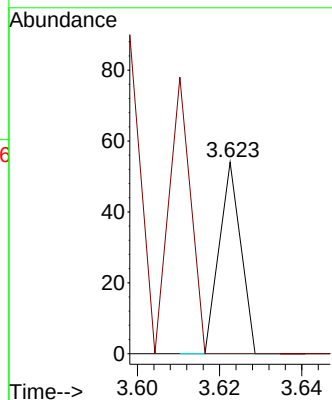


#13
Acrolein
Concen: Below Cal
RT: 3.623 min Scan# 314
Delta R.T. -0.012 min
Lab File: VY019151.D
Acq: 20 Aug 2024 15:16

Instrument :
MSVOA_Y
ClientSampleId :

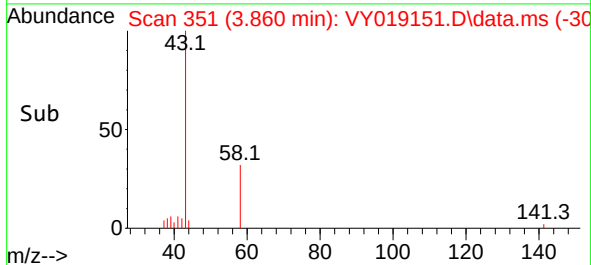
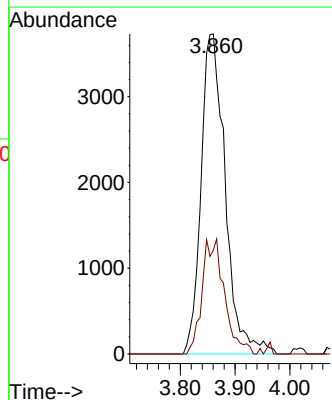
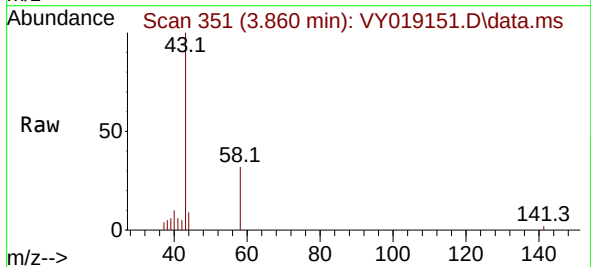


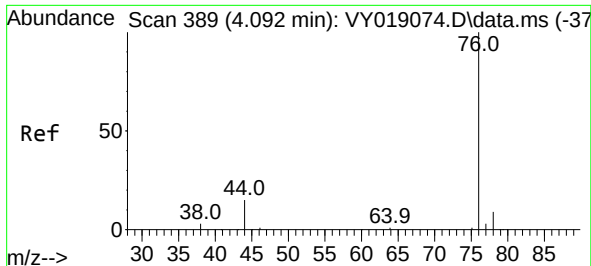
Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 0.0 55.7 83.5#



#16
Acetone
Concen: 73.659 ug/l
RT: 3.860 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY019151.D
Acq: 20 Aug 2024 15:16

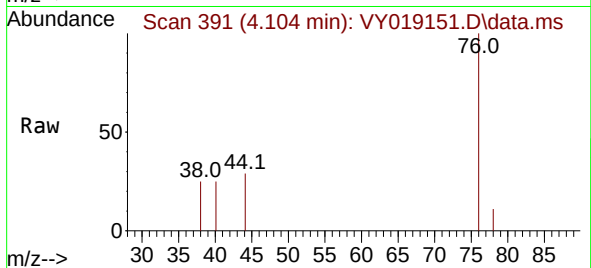
Tgt Ion: 43 Resp: 11428
Ion Ratio Lower Upper
43 100
58 32.4 31.7 47.5



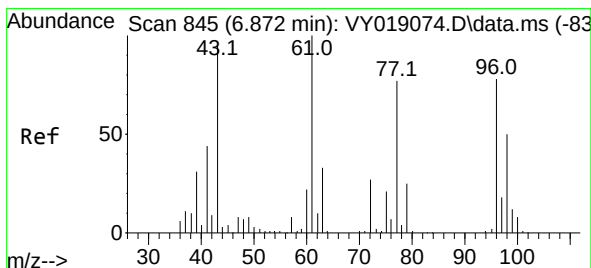
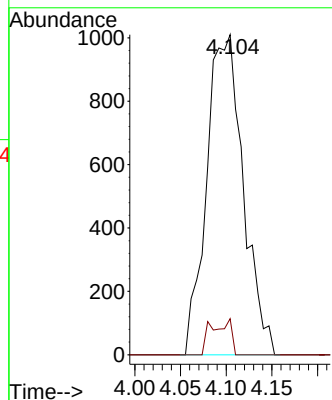
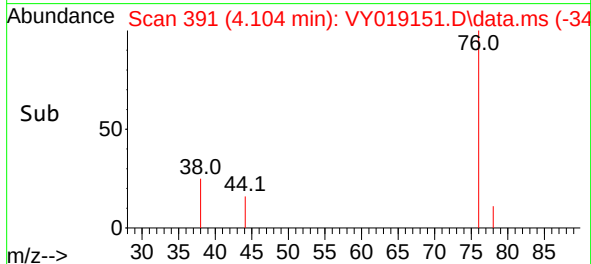


#17
Carbon Disulfide
Concen: 1.195 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY019151.D
Acq: 20 Aug 2024 15:16

Instrument :
MSVOA_Y
ClientSampleId :

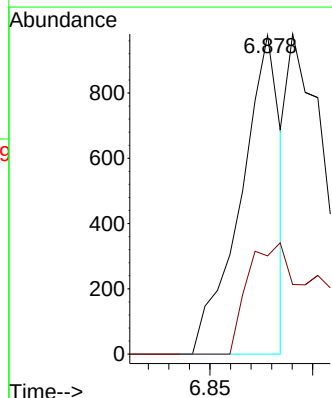
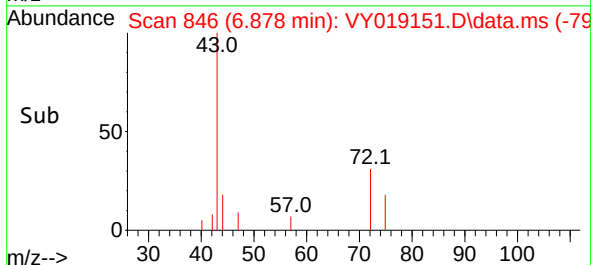
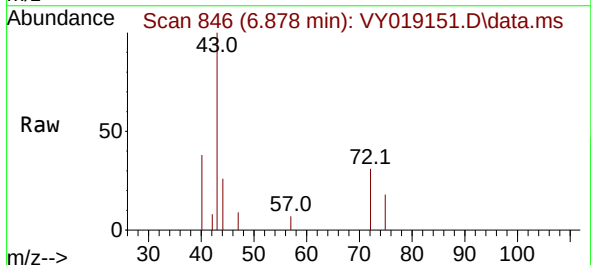


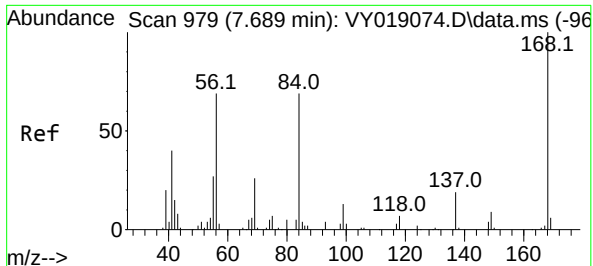
Tgt Ion: 76 Resp: 2806
Ion Ratio Lower Upper
76 100
78 11.3 6.8 10.2#



#25
2-Butanone
Concen: 5.251 ug/l
RT: 6.878 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY019151.D
Acq: 20 Aug 2024 15:16

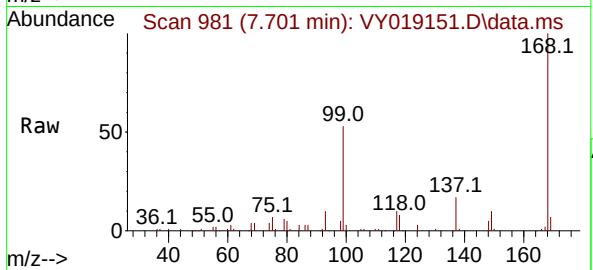
Tgt Ion: 43 Resp: 1312
Ion Ratio Lower Upper
43 100
72 30.8 27.3 40.9



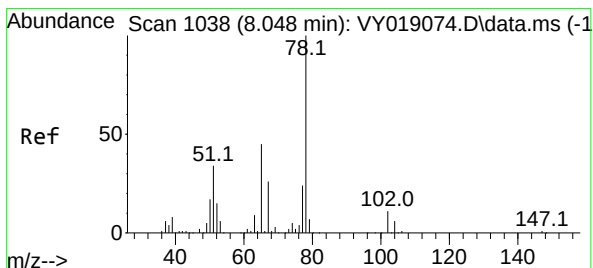
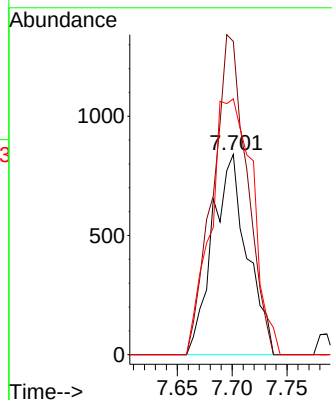
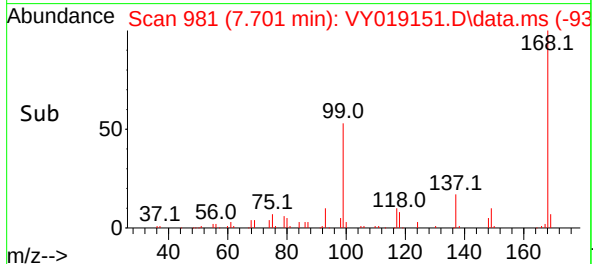


#31
Cyclohexane
Concen: Below Cal
RT: 7.701 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY019151.D
Acq: 20 Aug 2024 15:16

Instrument :
MSVOA_Y
ClientSampleId :

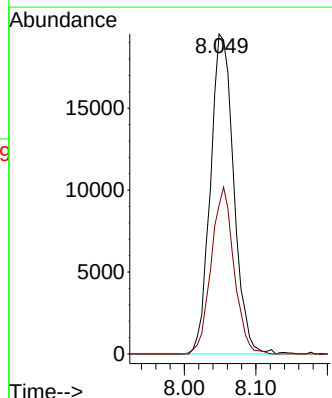
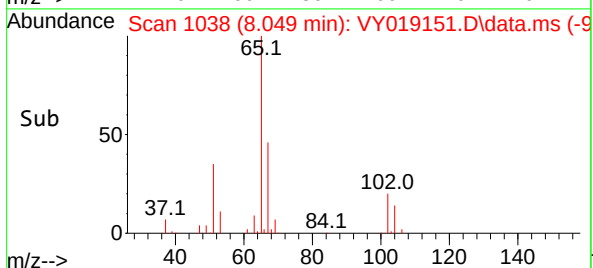
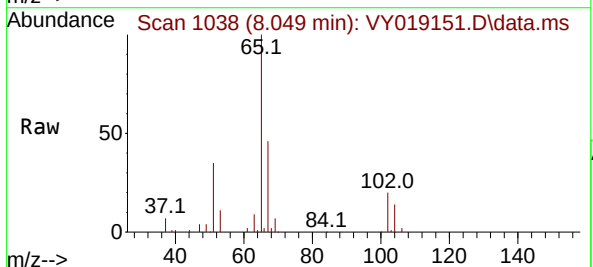


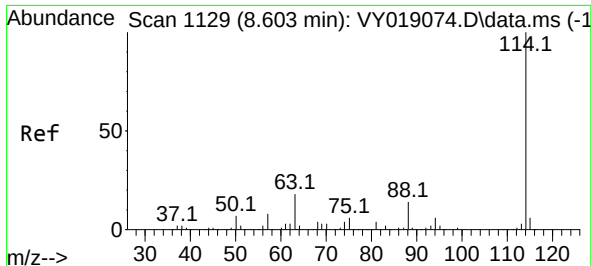
Tgt Ion: 56 Resp: 1848
Ion Ratio Lower Upper
56 100
69 156.4 28.7 43.1#
84 127.7 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 52.867 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY019151.D
Acq: 20 Aug 2024 15:16

Tgt Ion: 65 Resp: 44228
Ion Ratio Lower Upper
65 100
67 50.8 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.603 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY019151.D

Acq: 20 Aug 2024 15:16

Instrument :

MSVOA_Y

ClientSampleId :

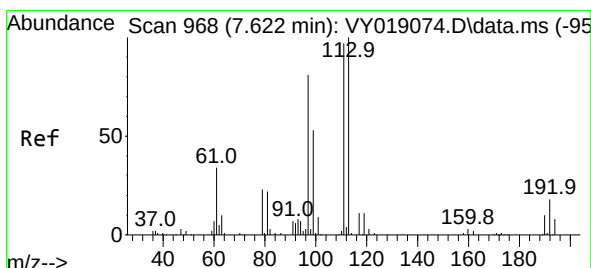
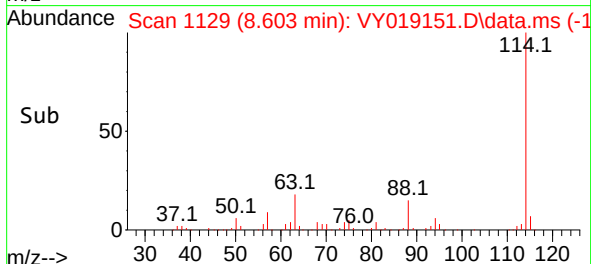
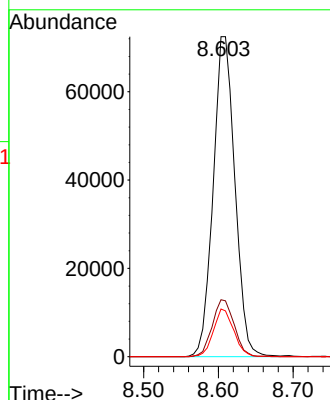
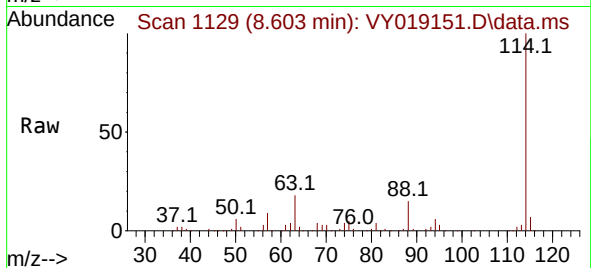
Tgt Ion:114 Resp: 146774

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.0

88 14.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.333 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY019151.D

Acq: 20 Aug 2024 15:16

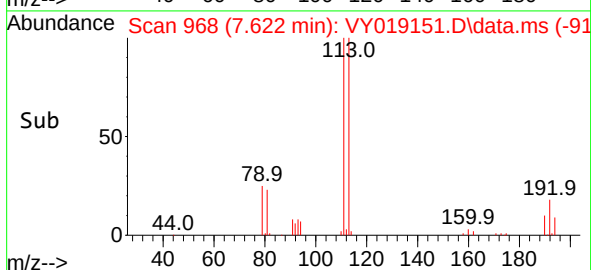
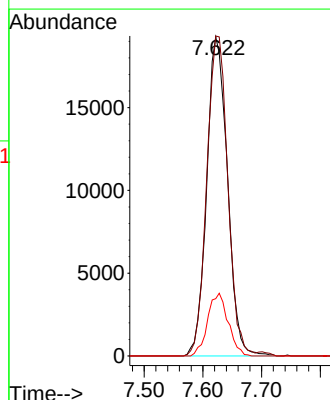
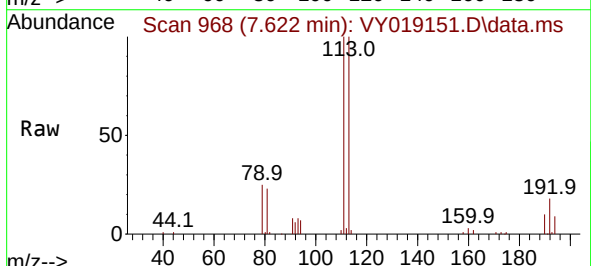
Tgt Ion:113 Resp: 47345

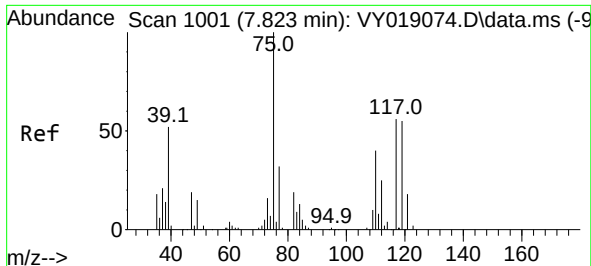
Ion Ratio Lower Upper

113 100

111 101.2 82.2 123.4

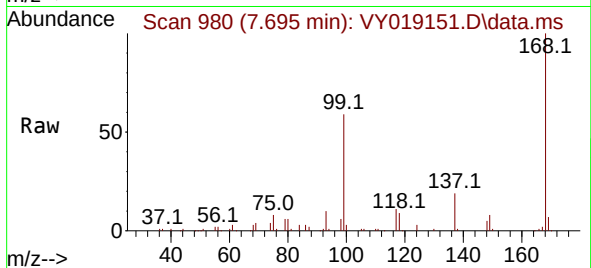
192 19.4 15.9 23.9



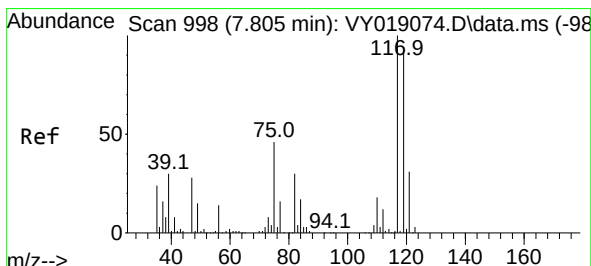
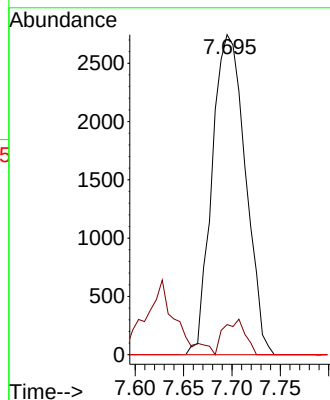
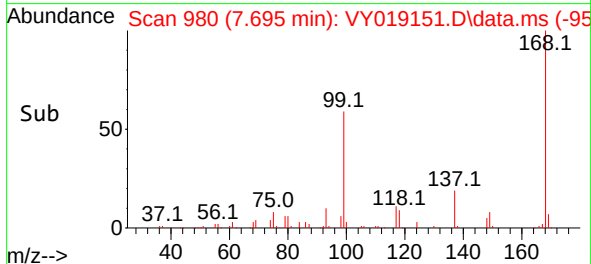


#36
1,1-Dichloropropene
Concen: 5.001 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY019151.D
Acq: 20 Aug 2024 15:16

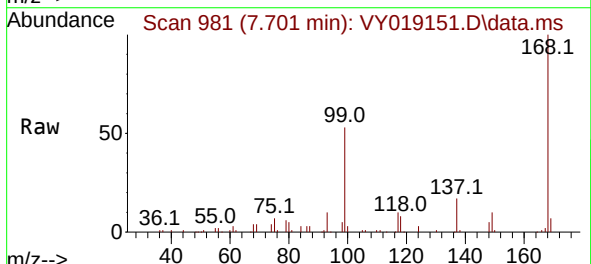
Instrument :
MSVOA_Y
ClientSampleId :



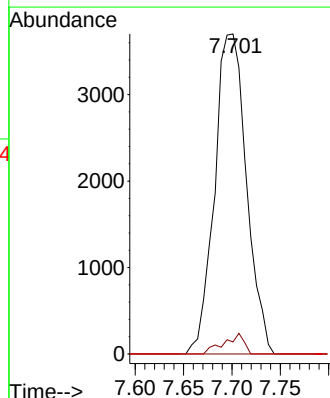
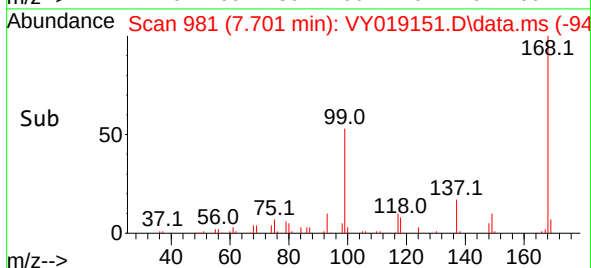
Tgt Ion: 75 Resp: 6591
Ion Ratio Lower Upper
75 100
110 7.2 19.0 57.0#
77 0.0 25.3 37.9#

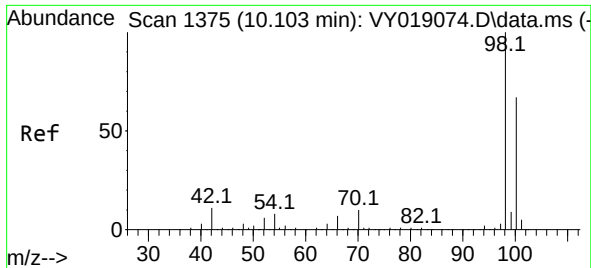


#38
Carbon Tetrachloride
Concen: 5.545 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.103 min
Lab File: VY019151.D
Acq: 20 Aug 2024 15:16



Tgt Ion: 117 Resp: 8468
Ion Ratio Lower Upper
117 100
119 3.8 75.8 113.6#
121 0.0 24.0 36.0#

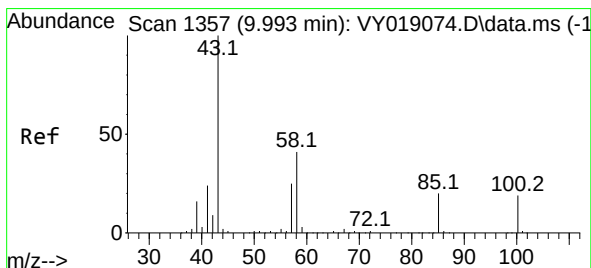
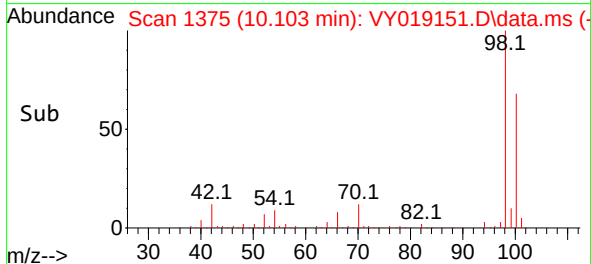
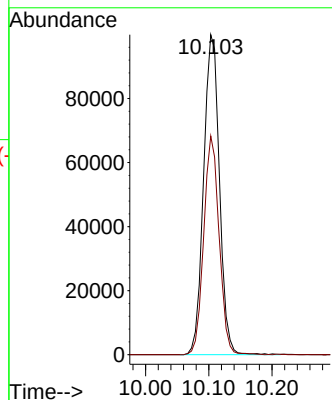
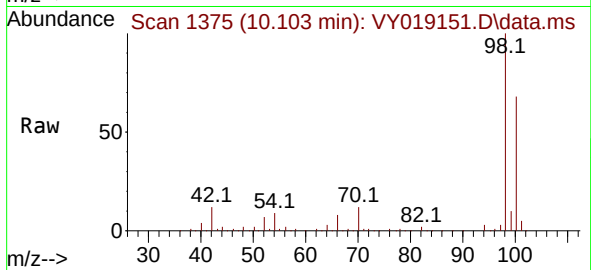




#50
Toluene-d8
Concen: 50.485 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019151.D
Acq: 20 Aug 2024 15:16

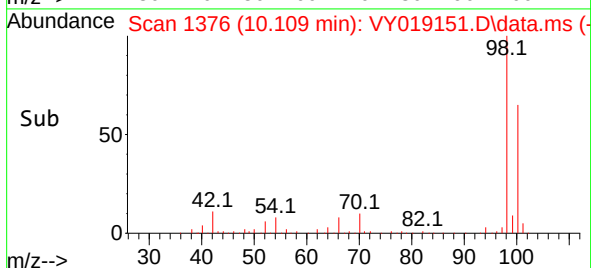
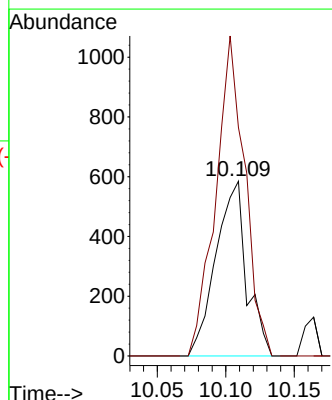
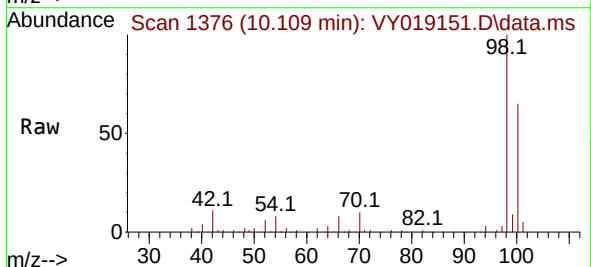
Instrument :
MSVOA_Y
ClientSampleId :

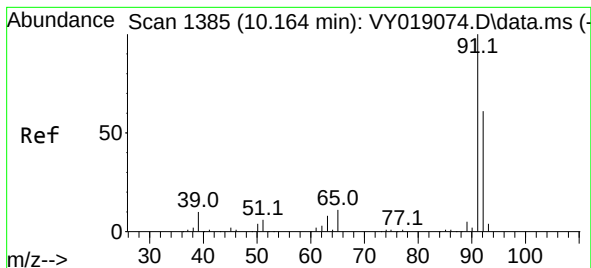
Tgt Ion: 98 Resp: 174357
Ion Ratio Lower Upper
98 100
100 66.4 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.457 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.116 min
Lab File: VY019151.D
Acq: 20 Aug 2024 15:16

Tgt Ion: 43 Resp: 913
Ion Ratio Lower Upper
43 100
58 173.5 35.7 53.5#





#52

Toluene

Concen: 4.722 ug/l

RT: 10.164 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019151.D

Acq: 20 Aug 2024 15:16

Instrument :

MSVOA_Y

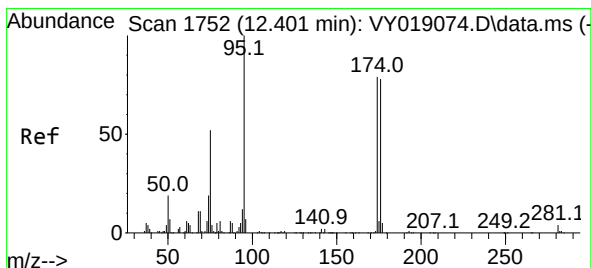
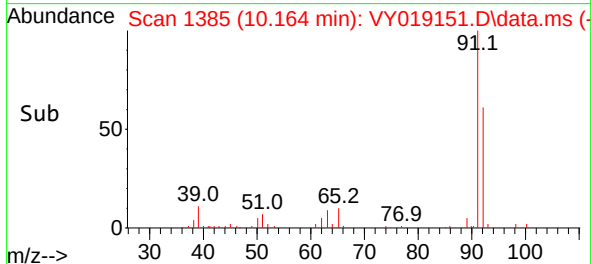
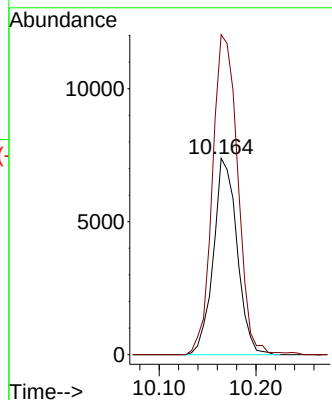
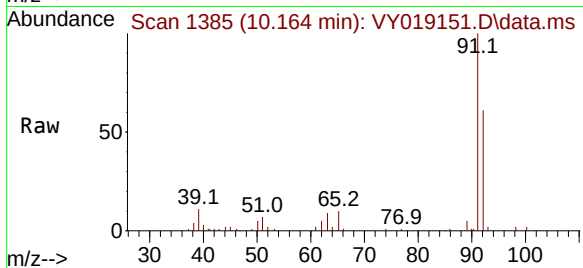
ClientSampleId :

Tgt Ion: 92 Resp: 12527

Ion Ratio Lower Upper

92 100

91 175.0 139.0 208.6



#62

4-Bromofluorobenzene

Concen: 37.007 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY019151.D

Acq: 20 Aug 2024 15:16

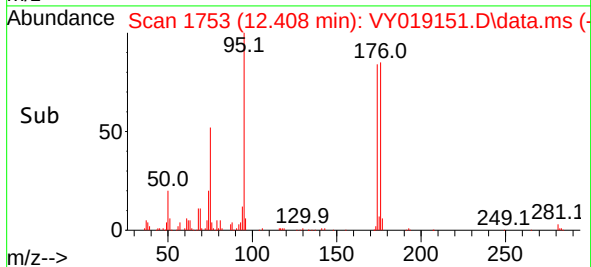
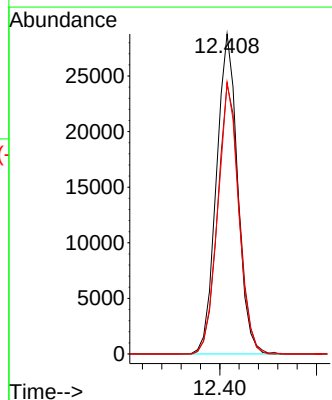
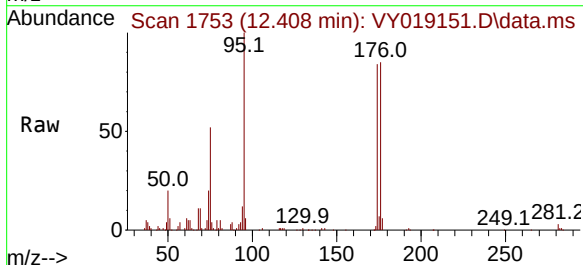
Tgt Ion: 95 Resp: 43569

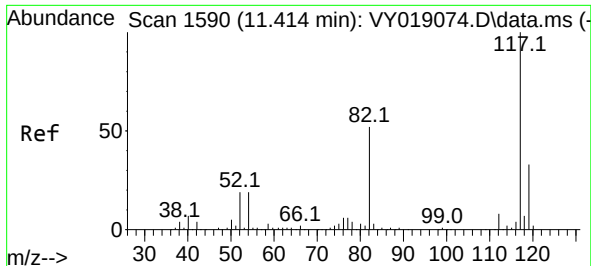
Ion Ratio Lower Upper

95 100

174 85.9 0.0 175.6

176 83.7 0.0 171.4

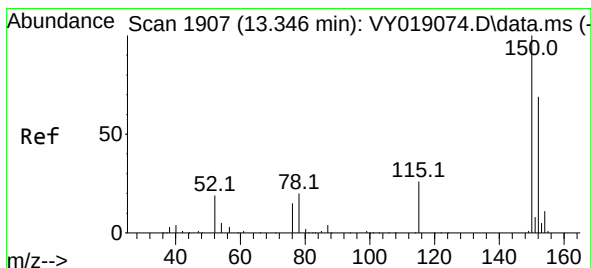
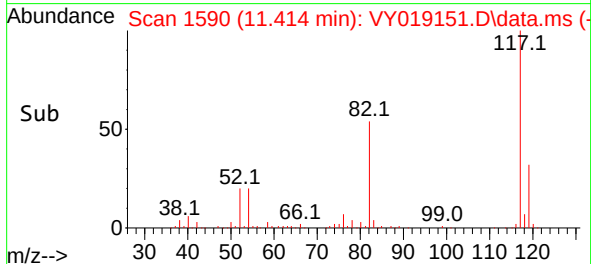
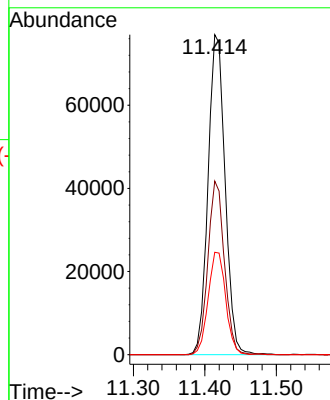
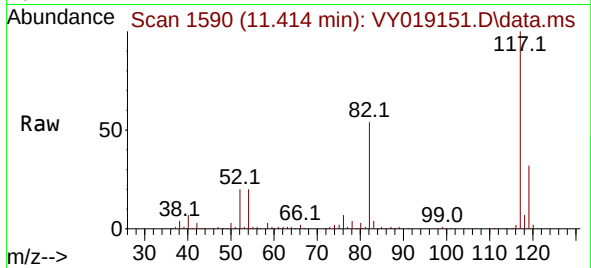




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019151.D
Acq: 20 Aug 2024 15:16

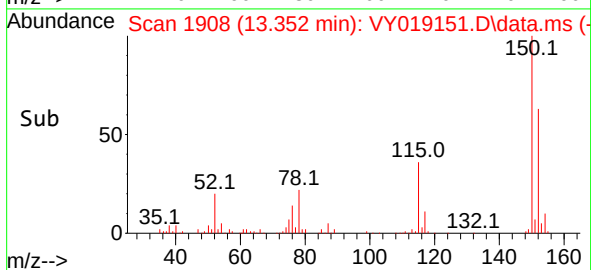
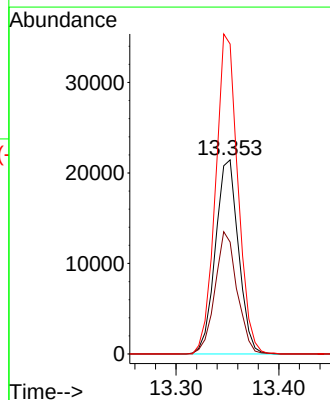
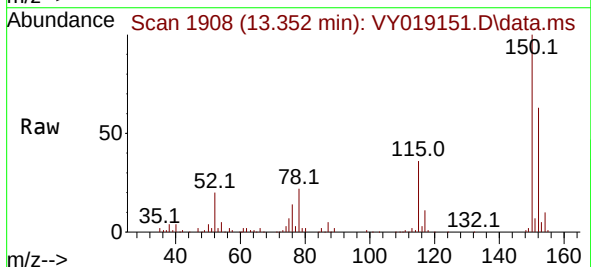
Instrument :
MSVOA_Y
ClientSampleId :

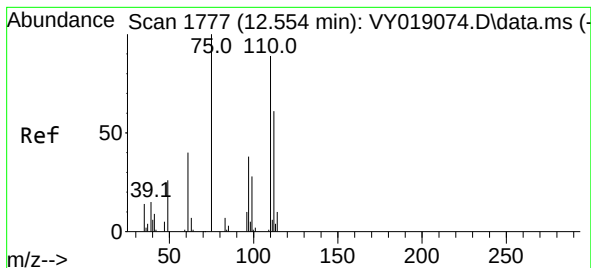
Tgt Ion:117 Resp: 127389
Ion Ratio Lower Upper
117 100
82 54.2 42.4 63.6
119 32.0 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY019151.D
Acq: 20 Aug 2024 15:16

Tgt Ion:152 Resp: 33406
Ion Ratio Lower Upper
152 100
115 60.4 28.2 84.7
150 159.1 0.0 345.6

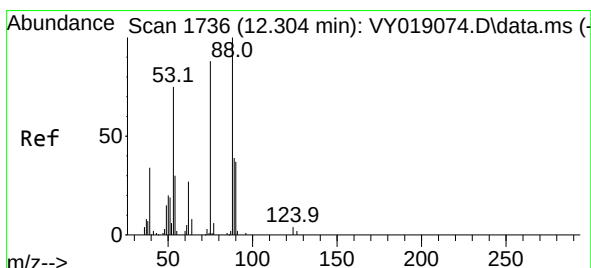
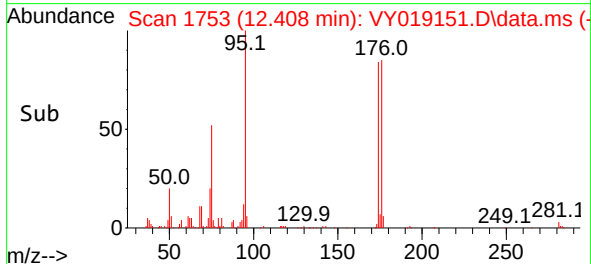
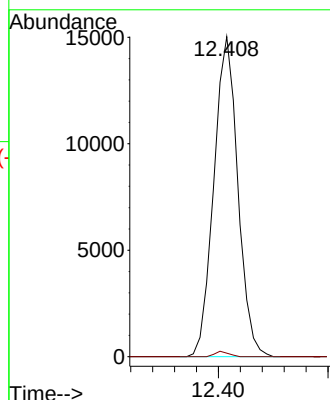
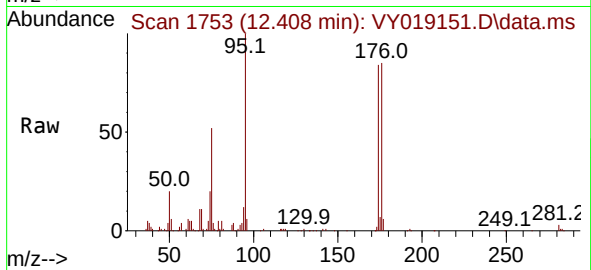




#76
1,2,3-Trichloropropane
Concen: 69.405 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY019151.D
Acq: 20 Aug 2024 15:16

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 22865
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 171.407 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY019151.D
Acq: 20 Aug 2024 15:16

Tgt Ion: 75 Resp: 22865
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.3 35.8 53.6#

