

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090924\
 Data File : VY019468.D
 Acq On : 09 Sep 2024 16:20
 Operator : SY/MD
 Sample : P3857-03
 Misc : 6.89g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 10 01:49:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

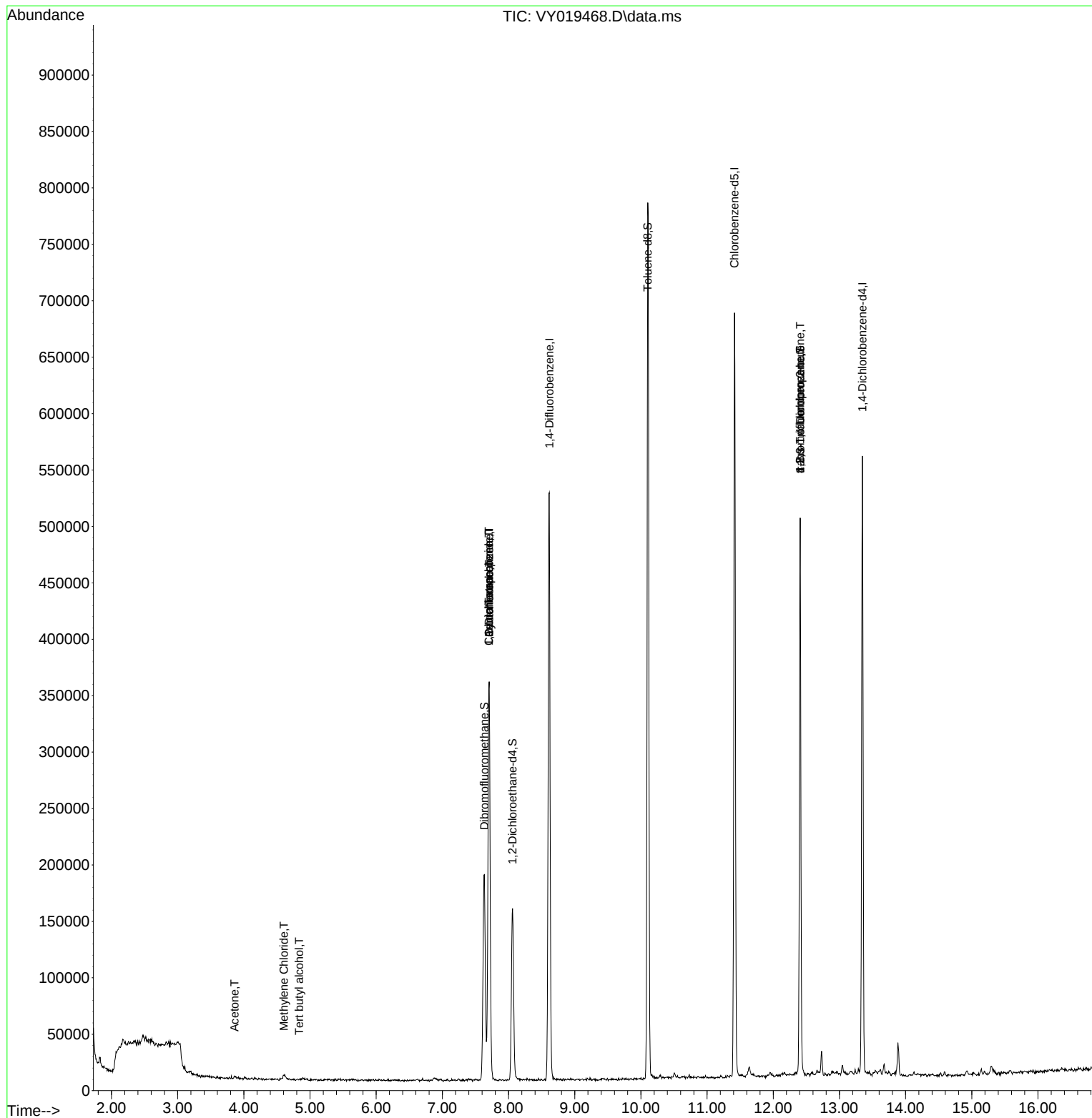
Internal Standards						
1) Pentafluorobenzene	7.707	168	266029	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	455477	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	360798	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	132582	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	124495	50.539	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.080%
35) Dibromofluoromethane	7.634	113	132619	51.354	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.700%
50) Toluene-d8	10.103	98	519893	54.428	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.860%
62) 4-Bromofluorobenzene	12.408	95	156320	42.561	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	85.120%
Target Compounds						
2) Dichlorodifluoromethane	1.867	85	161	Below Cal	#	43
11) Tert butyl alcohol	4.836	59	779	3.916	ug/l #	23
13) Acrolein	3.659	56	478	Below Cal	#	69
16) Acetone	3.860	43	2845	4.848	ug/l #	70
20) Methylene Chloride	4.604	84	2897	1.082	ug/l #	90
31) Cyclohexane	7.707	56	5853	1.328	ug/l #	1
36) 1,1-Dichloropropene	7.701	75	22343	6.358	ug/l #	46
38) Carbon Tetrachloride	7.701	117	28539	7.202	ug/l #	17
76) 1,2,3-Trichloropropane	12.408	75	80562	64.829	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	80562	124.454	ug/l #	16

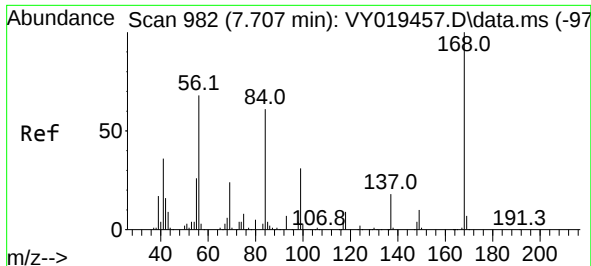
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090924\
Data File : VY019468.D
Acq On : 09 Sep 2024 16:20
Operator : SY/MD
Sample : P3857-03
Misc : 6.89g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Sep 10 01:49:14 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260
QLast Update : Mon Sep 09 16:00:30 2024
Response via : Initial Calibration

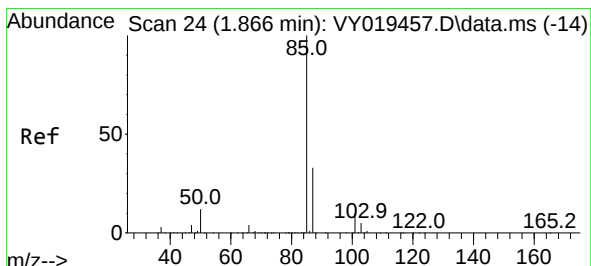
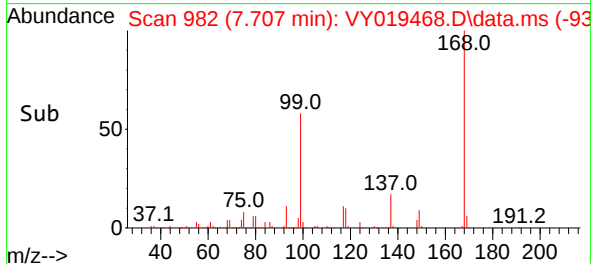
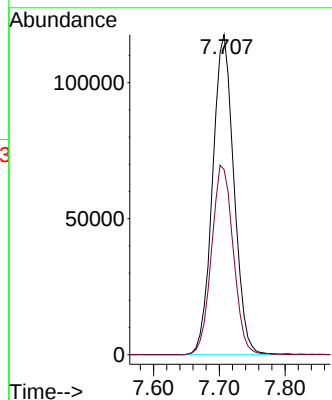
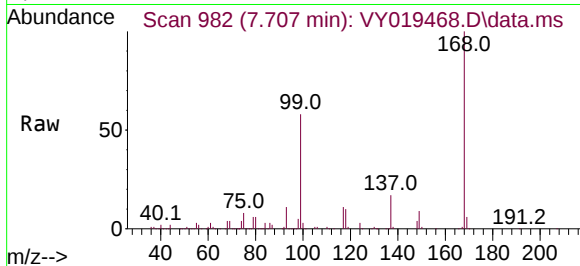




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019468.D
Acq: 09 Sep 2024 16:20

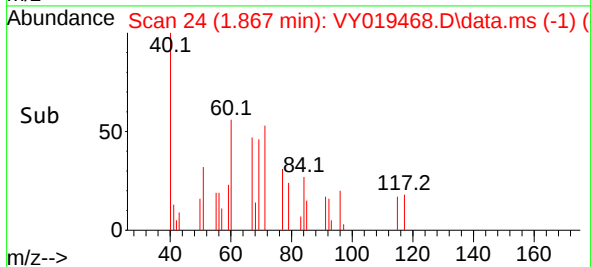
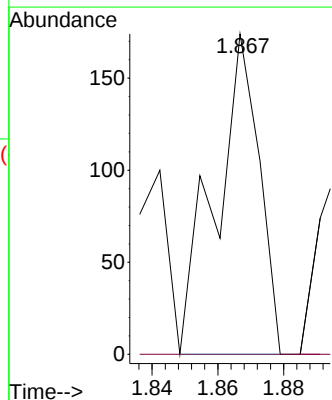
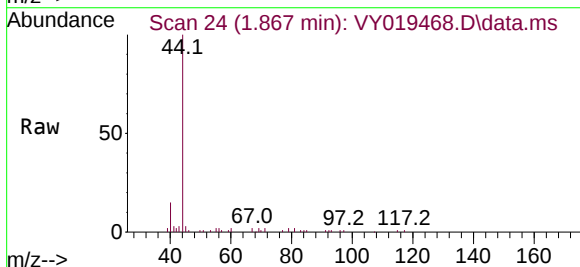
Instrument :
MSVOA_Y
ClientSampleId :

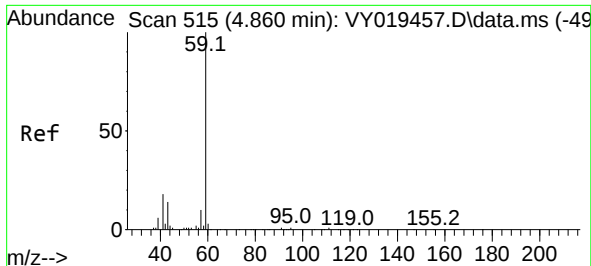
Tgt Ion:168 Resp: 266029
Ion Ratio Lower Upper
168 100
99 57.9 39.1 58.7



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019468.D
Acq: 09 Sep 2024 16:20

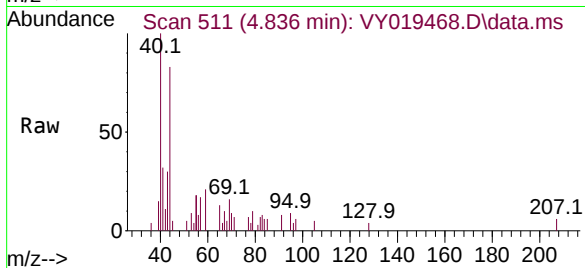
Tgt Ion: 85 Resp: 161
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#



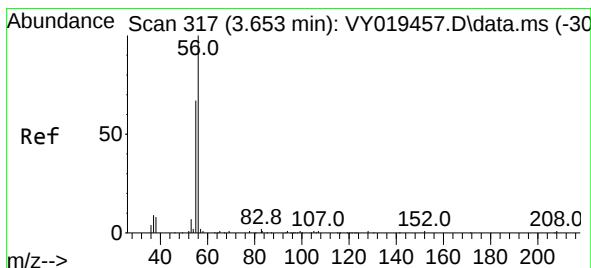
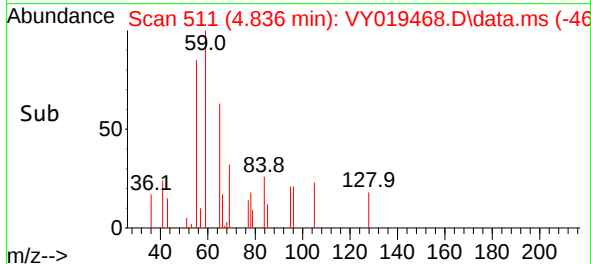
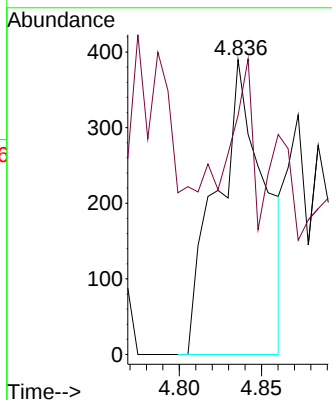


#11
Tert butyl alcohol
Concen: 3.916 ug/l
RT: 4.836 min Scan# 51
Delta R.T. -0.024 min
Lab File: VY019468.D
Acq: 09 Sep 2024 16:20

Instrument :
MSVOA_Y
ClientSampleId :

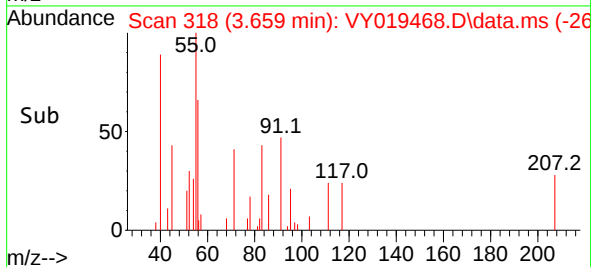
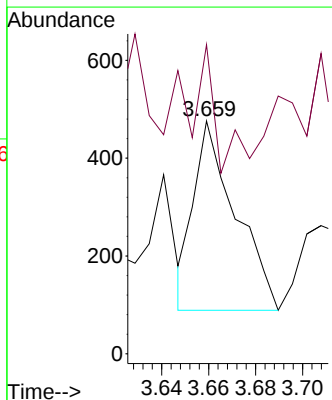
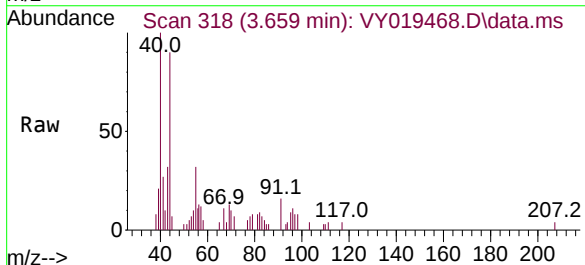


Tgt Ion: 59 Resp: 779
Ion Ratio Lower Upper
59 100
57 29.0 3.0 4.6#



#13
Acrolein
Concen: Below Cal
RT: 3.659 min Scan# 318
Delta R.T. 0.006 min
Lab File: VY019468.D
Acq: 09 Sep 2024 16:20

Tgt Ion: 56 Resp: 478
Ion Ratio Lower Upper
56 100
55 43.9 55.7 83.5#

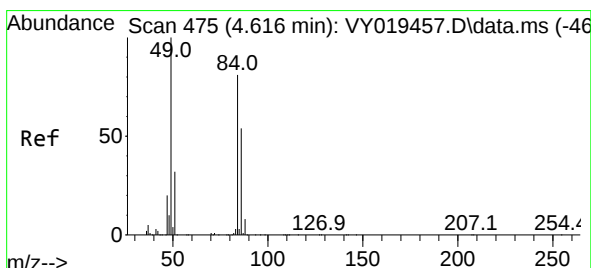
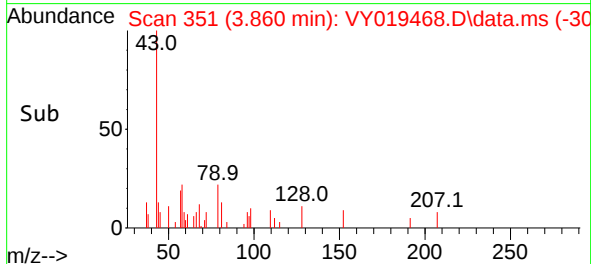
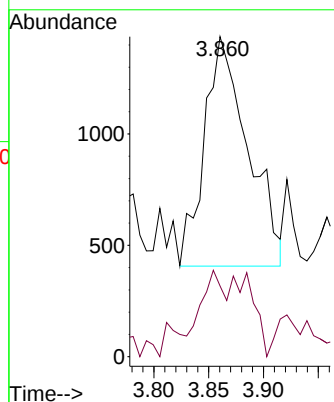
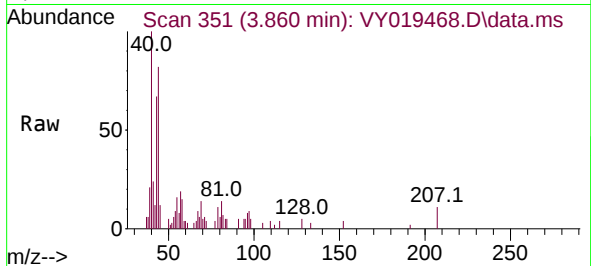




#16
Acetone
Concen: 4.848 ug/l
RT: 3.860 min Scan# 311
Delta R.T. -0.012 min
Lab File: VY019468.D
Acq: 09 Sep 2024 16:20

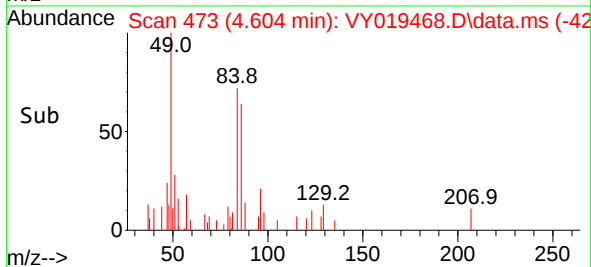
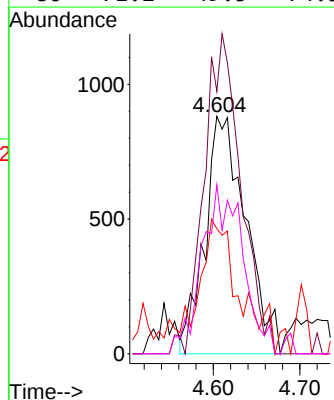
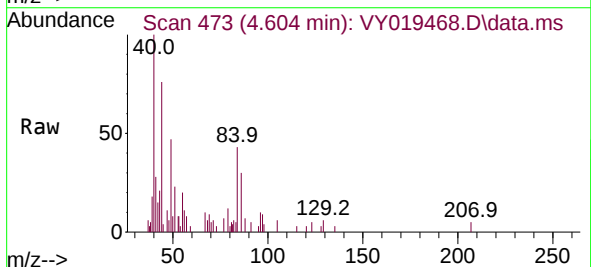
Instrument :
MSVOA_Y
ClientSampleId :

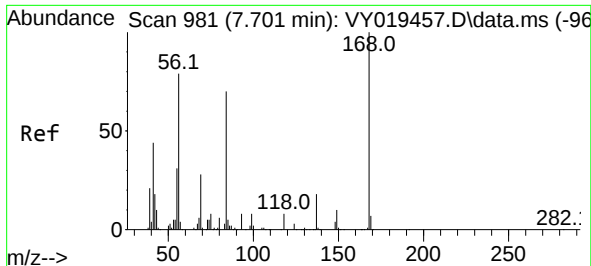
Tgt Ion: 43 Resp: 2845
Ion Ratio Lower Upper
43 100
58 21.2 31.7 47.5#



#20
Methylene Chloride
Concen: 1.082 ug/l
RT: 4.604 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY019468.D
Acq: 09 Sep 2024 16:20

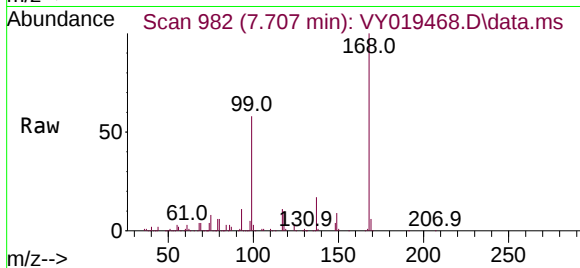
Tgt Ion: 84 Resp: 2897
Ion Ratio Lower Upper
84 100
49 110.6 84.4 126.6
51 43.8 26.0 39.0#
86 71.2 49.5 74.3



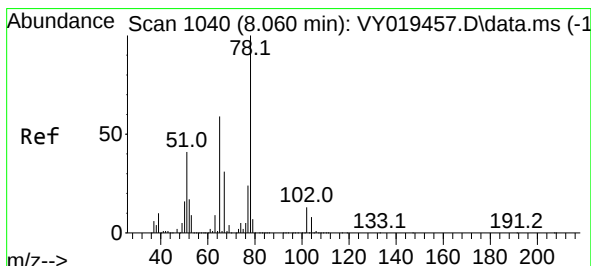
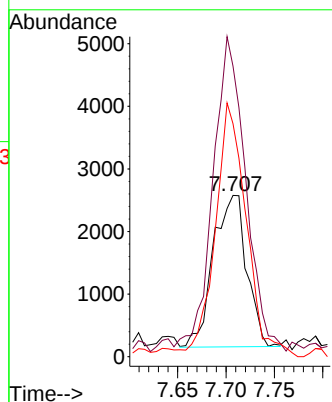
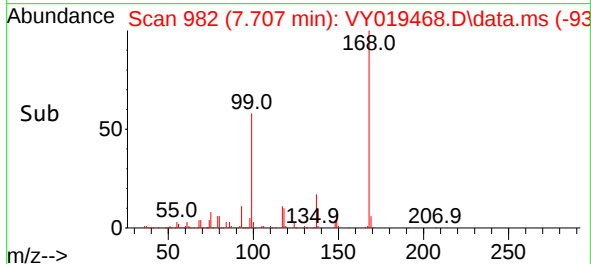


#31
Cyclohexane
Concen: 1.328 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY019468.D
Acq: 09 Sep 2024 16:20

Instrument :
MSVOA_Y
ClientSampleId :

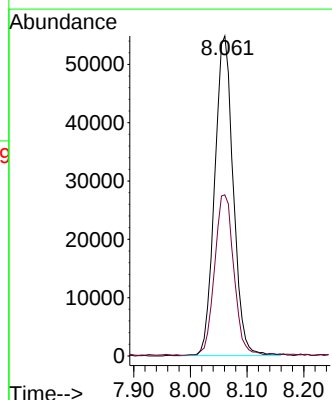
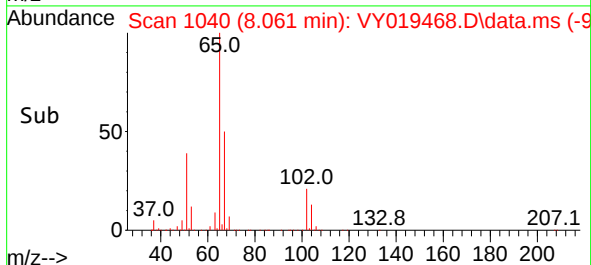
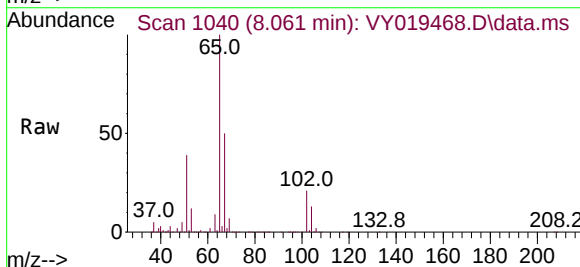


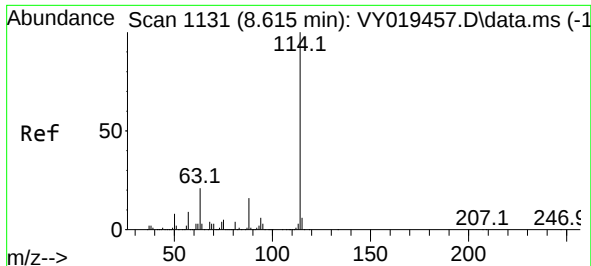
Tgt Ion: 56 Resp: 5853
Ion Ratio Lower Upper
56 100
69 183.5 28.7 43.1#
84 149.7 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 50.539 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019468.D
Acq: 09 Sep 2024 16:20

Tgt Ion: 65 Resp: 124495
Ion Ratio Lower Upper
65 100
67 52.0 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

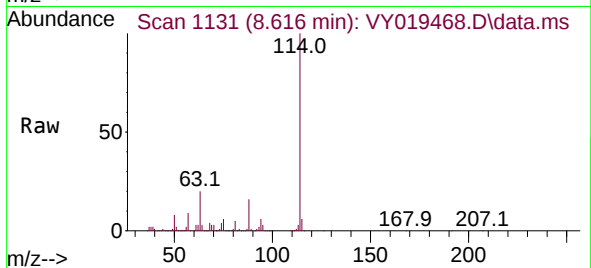
Lab File: VY019468.D

Acq: 09 Sep 2024 16:20

Instrument :

MSVOA_Y

ClientSampleId :



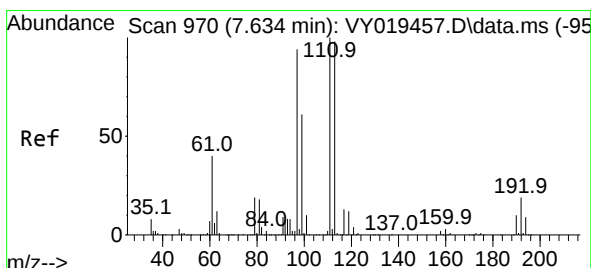
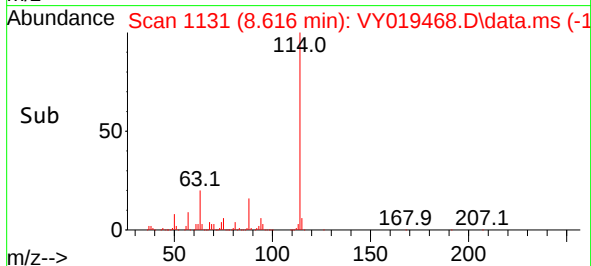
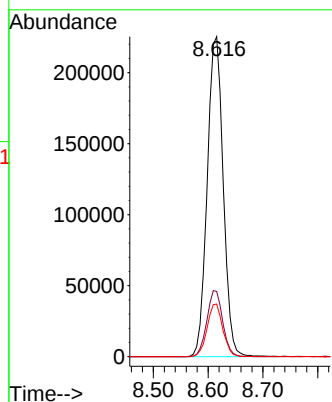
Tgt Ion:114 Resp: 455477

Ion Ratio Lower Upper

114 100

63 20.4 0.0 35.0

88 16.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 51.354 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY019468.D

Acq: 09 Sep 2024 16:20

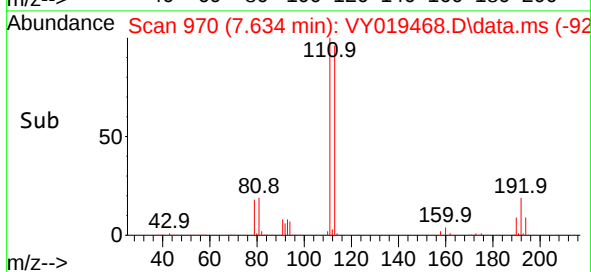
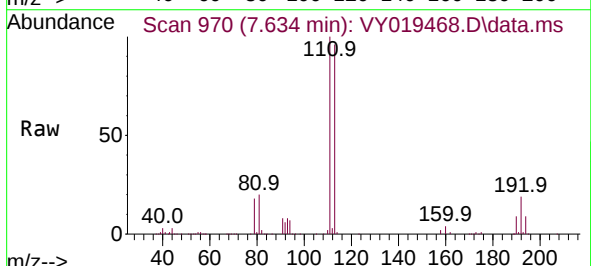
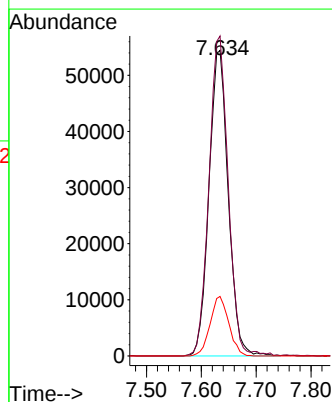
Tgt Ion:113 Resp: 132619

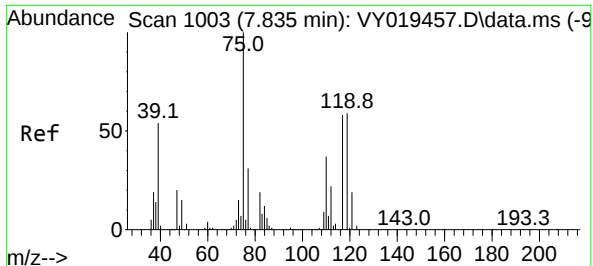
Ion Ratio Lower Upper

113 100

111 104.7 82.2 123.4

192 18.9 15.9 23.9

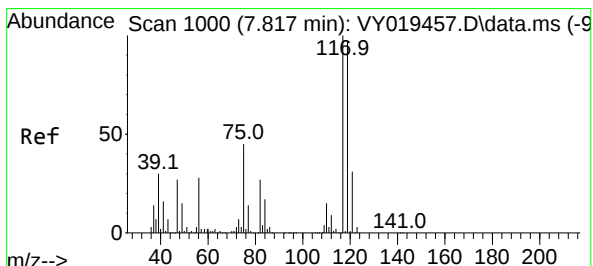
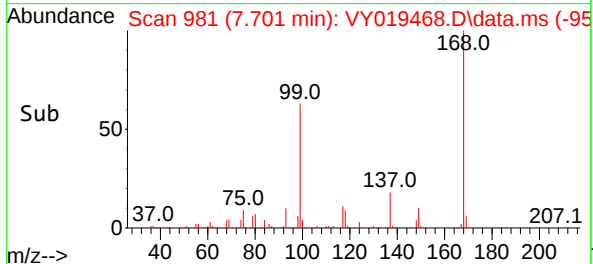
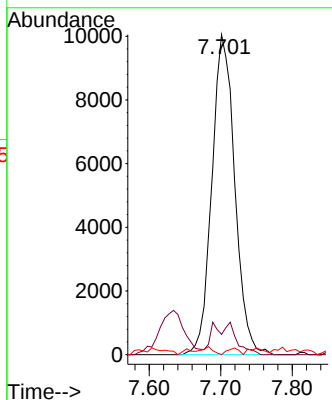
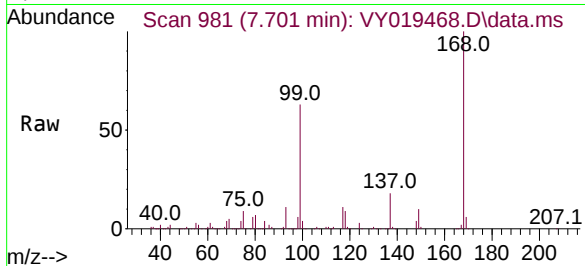




#36
 1,1-Dichloropropene
 Concen: 6.358 ug/l
 RT: 7.701 min Scan# 981
 Delta R.T. -0.134 min
 Lab File: VY019468.D
 Acq: 09 Sep 2024 16:20

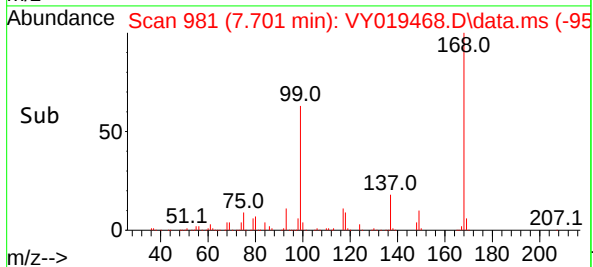
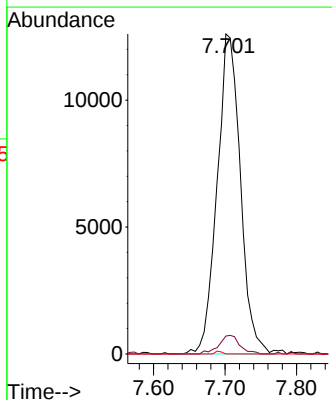
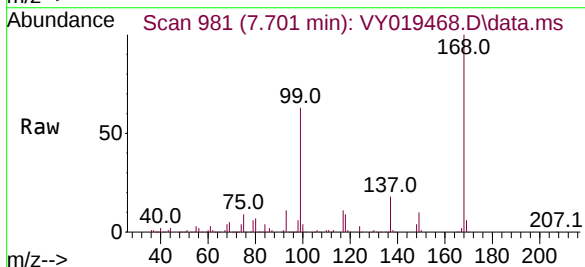
Instrument :
 MSVOA_Y
 ClientSampleId :

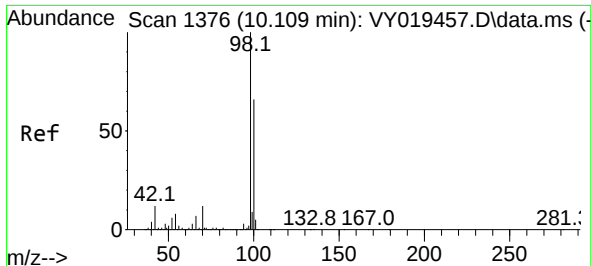
Tgt Ion: 75 Resp: 22343
 Ion Ratio Lower Upper
 75 100
 110 5.5 19.0 57.0#
 77 1.0 25.3 37.9#



#38
 Carbon Tetrachloride
 Concen: 7.202 ug/l
 RT: 7.701 min Scan# 981
 Delta R.T. -0.116 min
 Lab File: VY019468.D
 Acq: 09 Sep 2024 16:20

Tgt Ion: 117 Resp: 28539
 Ion Ratio Lower Upper
 117 100
 119 5.6 75.8 113.6#
 121 0.0 24.0 36.0#

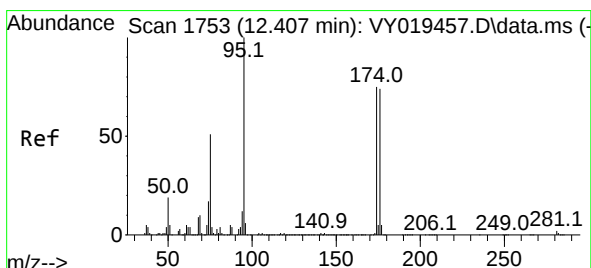
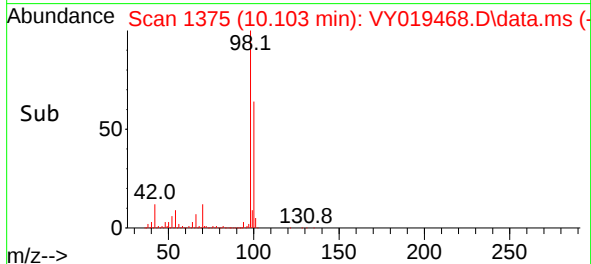
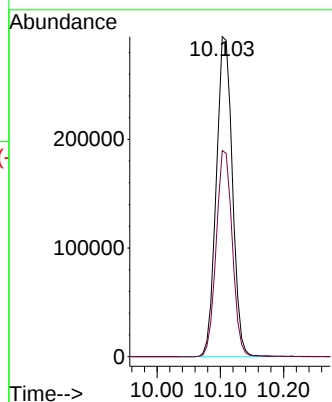
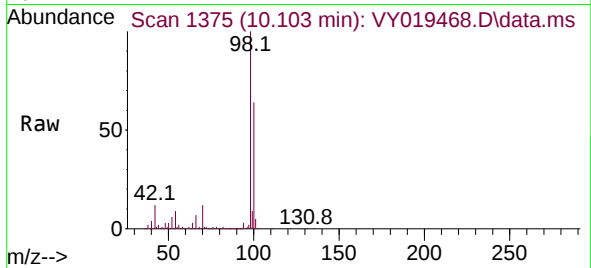




#50
Toluene-d8
Concen: 54.428 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019468.D
Acq: 09 Sep 2024 16:20

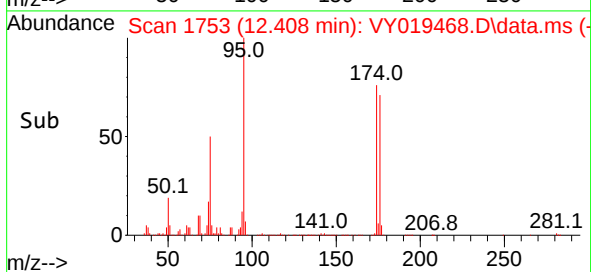
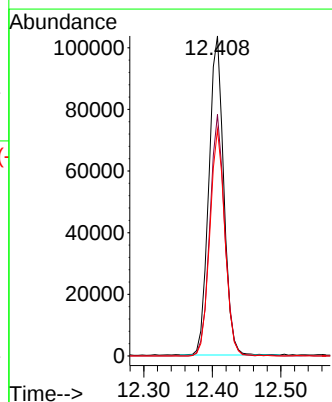
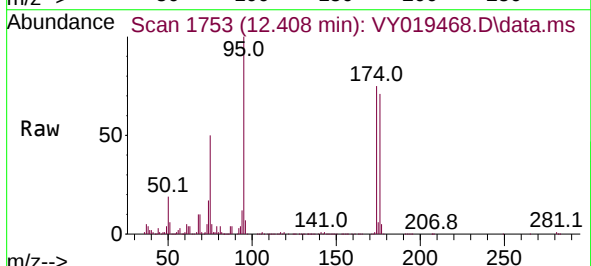
Instrument :
MSVOA_Y
ClientSampleId :

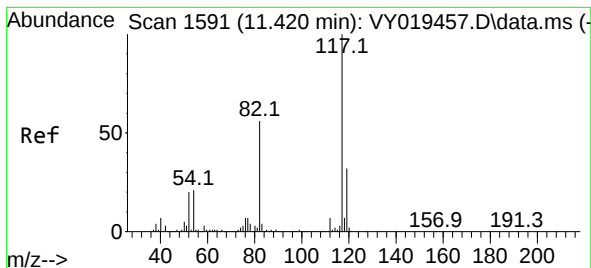
Tgt Ion: 98 Resp: 519893
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 42.561 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019468.D
Acq: 09 Sep 2024 16:20

Tgt Ion: 95 Resp: 156320
Ion Ratio Lower Upper
95 100
174 75.3 0.0 175.6
176 71.8 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019468.D

Acq: 09 Sep 2024 16:20

Instrument :

MSVOA_Y

ClientSampleId :

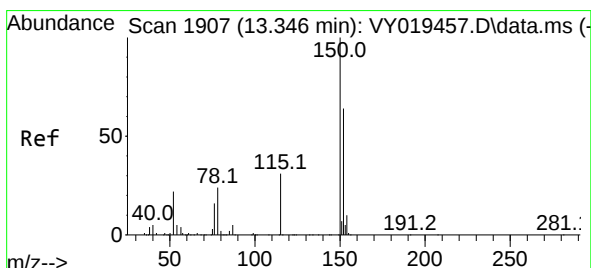
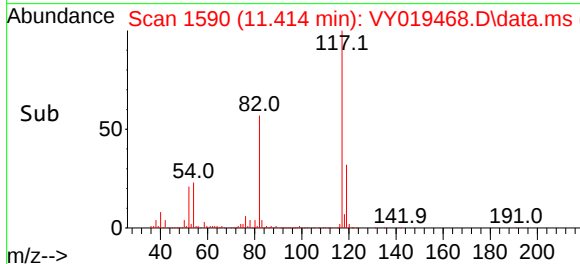
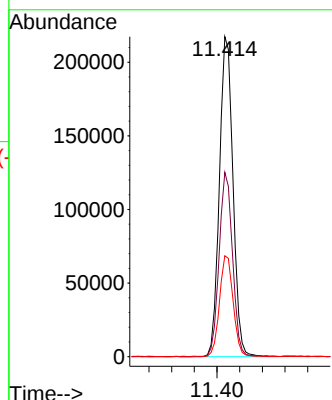
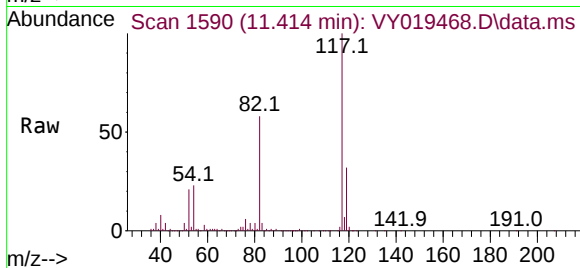
Tgt Ion:117 Resp: 360798

Ion Ratio Lower Upper

117 100

82 57.6 42.4 63.6

119 31.5 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: VY019468.D

Acq: 09 Sep 2024 16:20

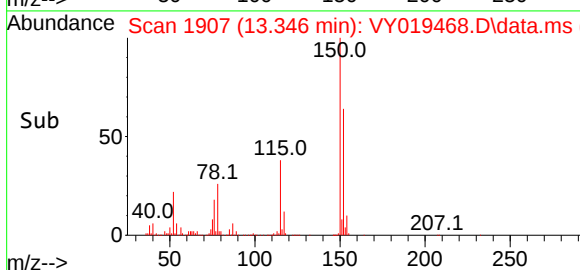
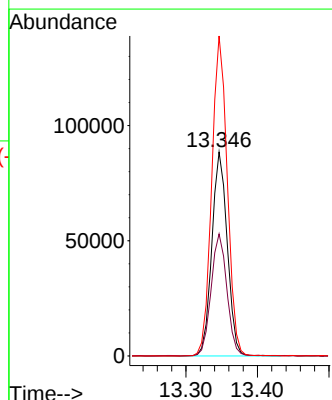
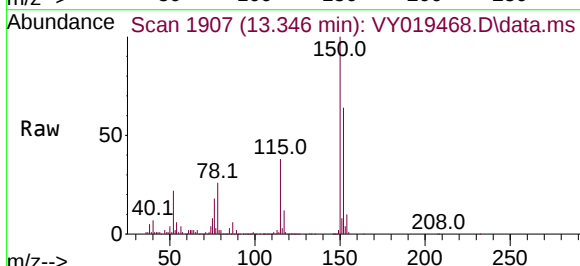
Tgt Ion:152 Resp: 132582

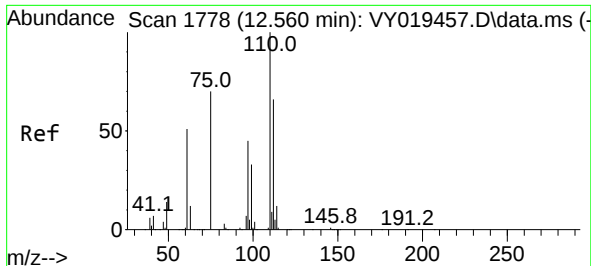
Ion Ratio Lower Upper

152 100

115 61.5 28.2 84.7

150 158.0 0.0 345.6

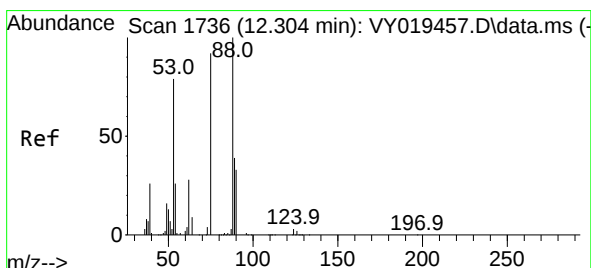
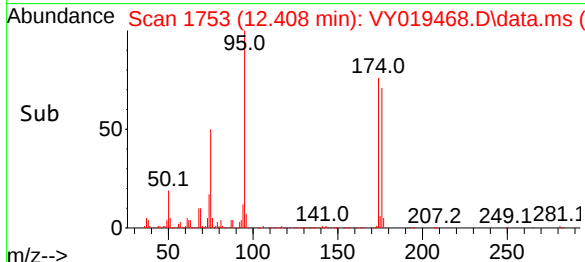
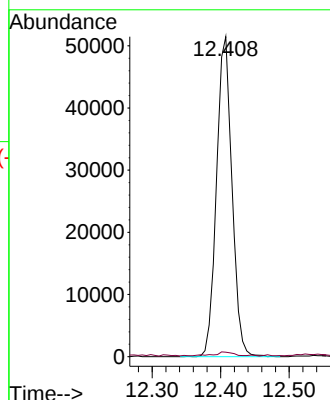
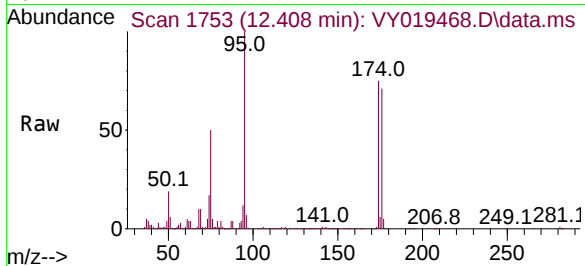




#76
1,2,3-Trichloropropane
Concen: 64.829 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY019468.D
Acq: 09 Sep 2024 16:20

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 80562
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 124.454 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY019468.D
Acq: 09 Sep 2024 16:20

Tgt Ion: 75 Resp: 80562
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 35.8 53.6#

