

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091624\
 Data File : VY019567.D
 Acq On : 16 Sep 2024 15:29
 Operator : SY/MD
 Sample : P4002-07
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 17 02:15:00 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)

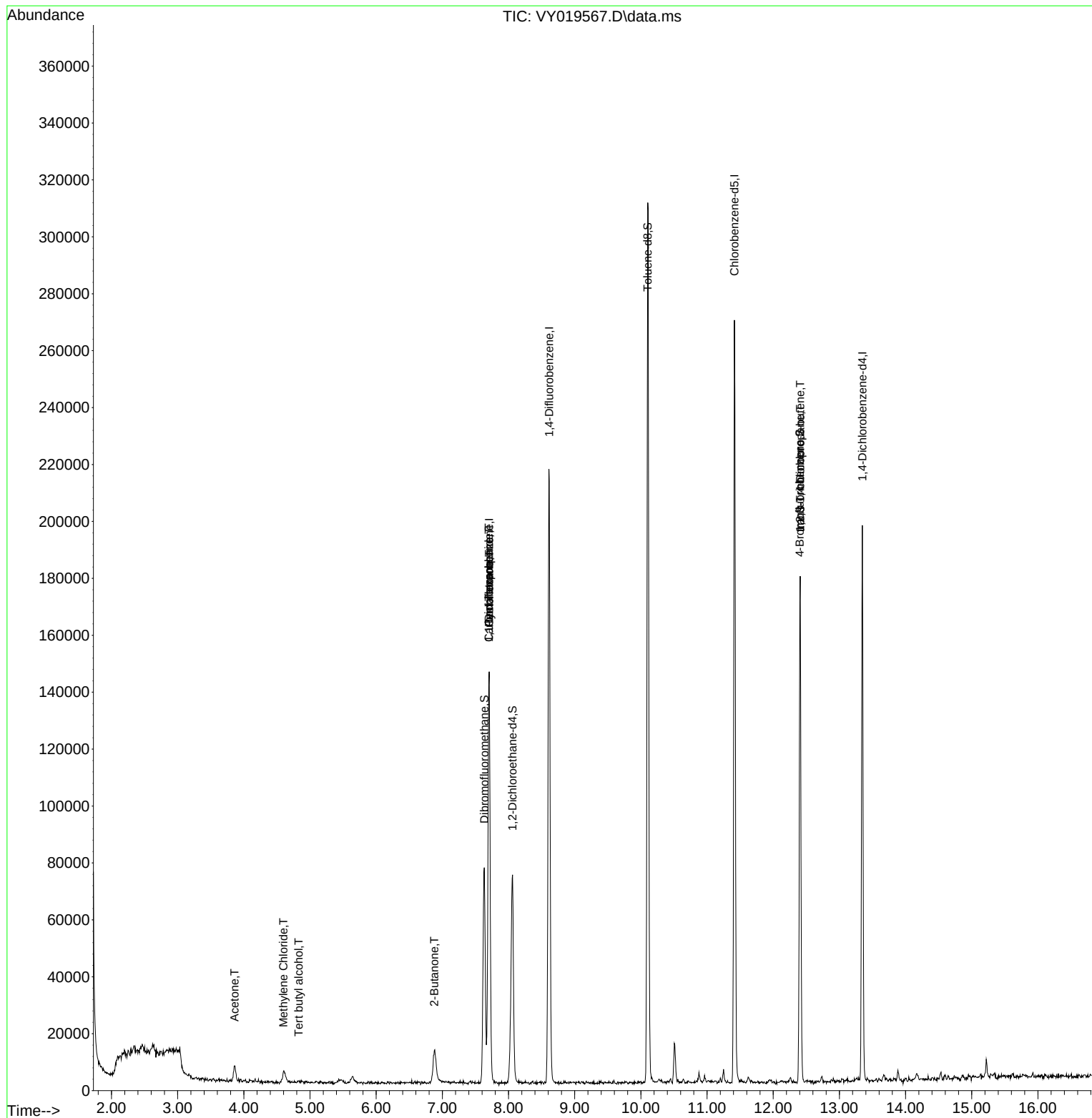
Internal Standards						
1) Pentafluorobenzene	7.707	168	106682	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	182745	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	138882	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	46538	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	52312	52.955	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.920%	
35) Dibromofluoromethane	7.634	113	54694	52.787	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.580%	
50) Toluene-d8	10.103	98	206474	53.876	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.760%	
62) 4-Bromofluorobenzene	12.402	95	55842	37.895	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 75.800%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.861	85	75	Below Cal	#	43
11) Tert butyl alcohol	4.830	59	469	5.879	ug/l #	71
13) Acrolein	3.653	56	387	Below Cal	#	15
16) Acetone	3.860	43	9327	39.632	ug/l #	79
20) Methylene Chloride	4.598	84	2738	2.551	ug/l #	91
25) 2-Butanone	6.878	43	1618	4.834	ug/l #	71
31) Cyclohexane	7.707	56	2929	1.657	ug/l #	44
36) 1,1-Dichloropropene	7.701	75	9541	6.767	ug/l #	50
38) Carbon Tetrachloride	7.701	117	11397	7.168	ug/l #	16
76) 1,2,3-Trichloropropane	12.408	75	30742	70.477	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	30742	135.296	ug/l #	16

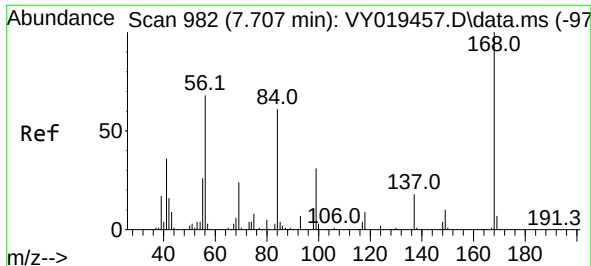
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091624\
Data File : VY019567.D
Acq On : 16 Sep 2024 15:29
Operator : SY/MD
Sample : P4002-07
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Sep 17 02:15:00 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

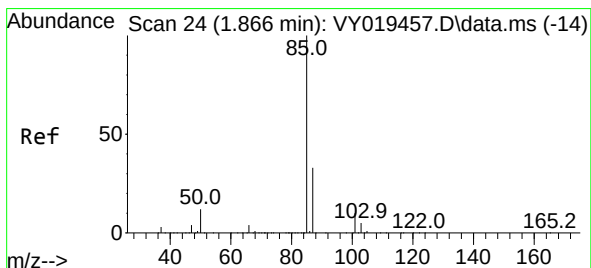
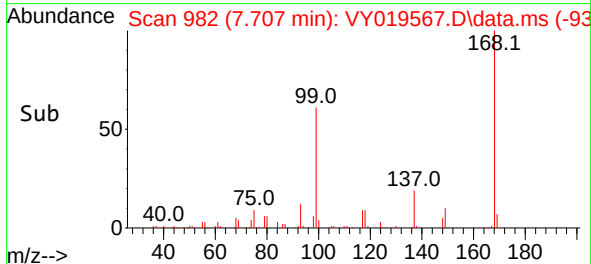
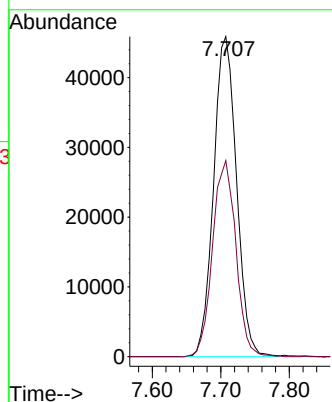
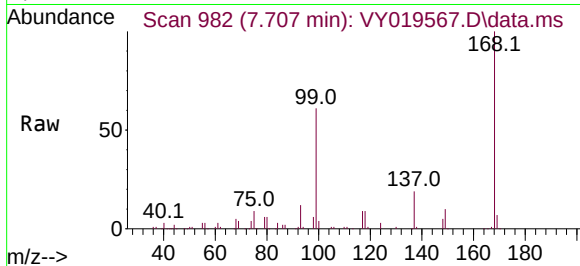




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019567.D
Acq: 16 Sep 2024 15:29

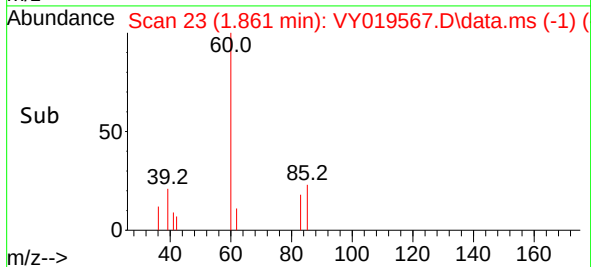
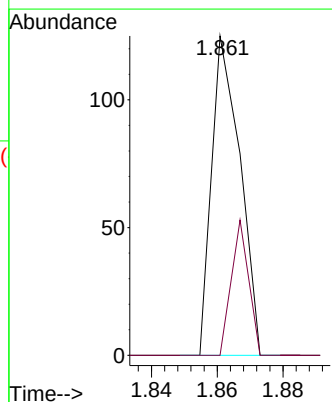
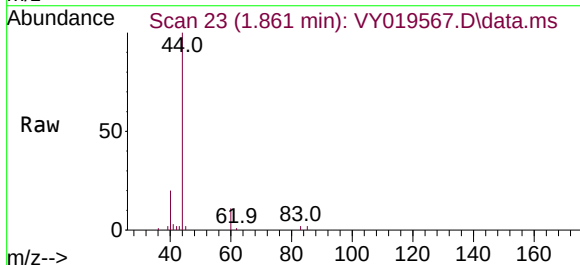
Instrument :
MSVOA_Y
ClientSampleId :

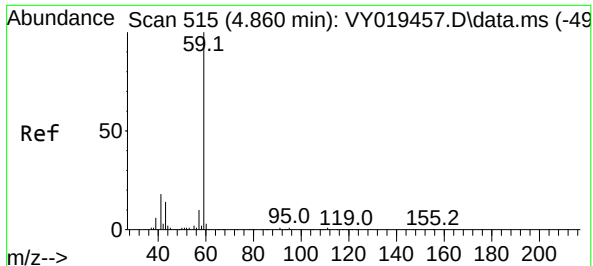
Tgt Ion:168 Resp: 106682
Ion Ratio Lower Upper
168 100
99 61.2 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.861 min Scan# 23
Delta R.T. -0.005 min
Lab File: VY019567.D
Acq: 16 Sep 2024 15:29

Tgt Ion: 85 Resp: 75
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#

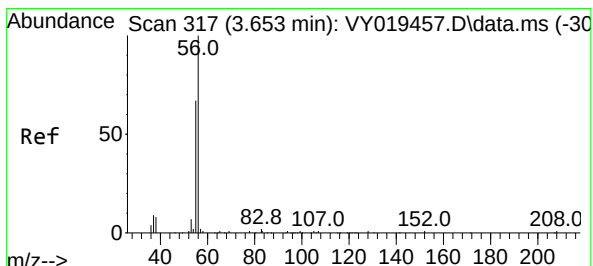
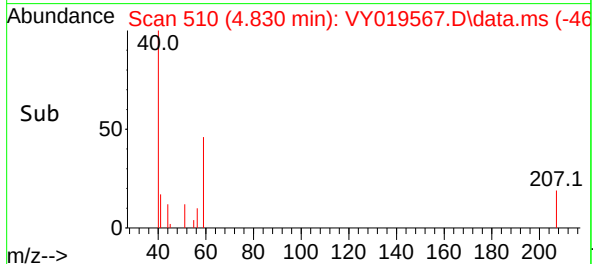
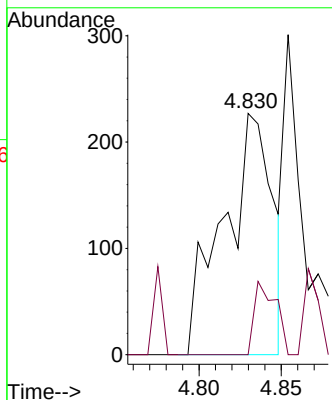
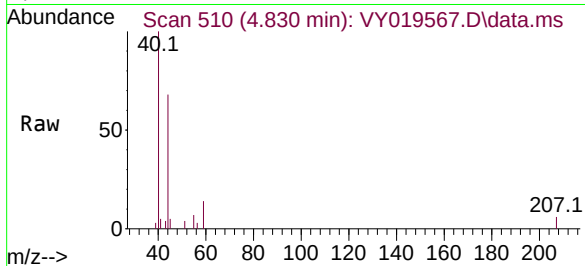




#11
Tert butyl alcohol
Concen: 5.879 ug/l
RT: 4.830 min Scan# 51
Delta R.T. -0.030 min
Lab File: VY019567.D
Acq: 16 Sep 2024 15:29

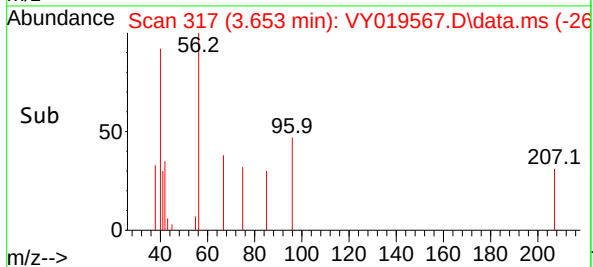
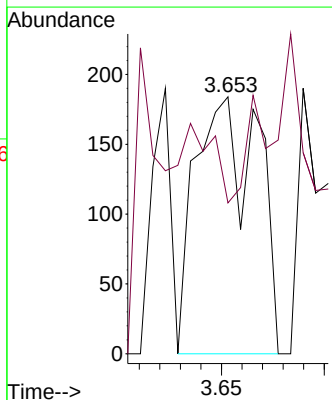
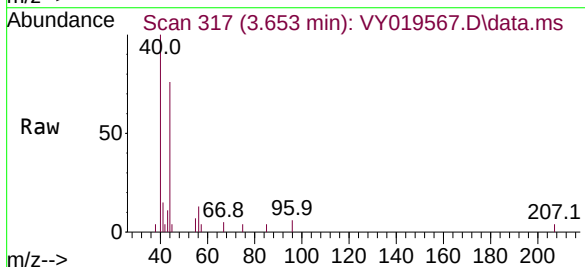
Instrument :
MSVOA_Y
ClientSampleId :

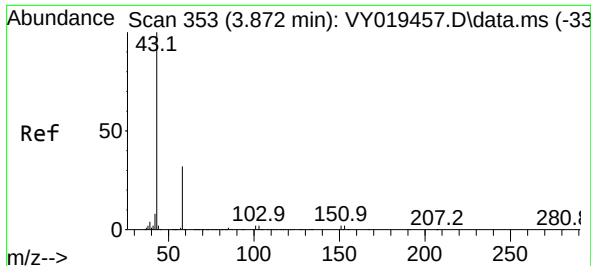
Tgt Ion: 59 Resp: 469
Ion Ratio Lower Upper
59 100
57 13.4 3.0 4.6#



#13
Acrolein
Concen: Below Cal
RT: 3.653 min Scan# 317
Delta R.T. 0.000 min
Lab File: VY019567.D
Acq: 16 Sep 2024 15:29

Tgt Ion: 56 Resp: 387
Ion Ratio Lower Upper
56 100
55 0.0 55.7 83.5#

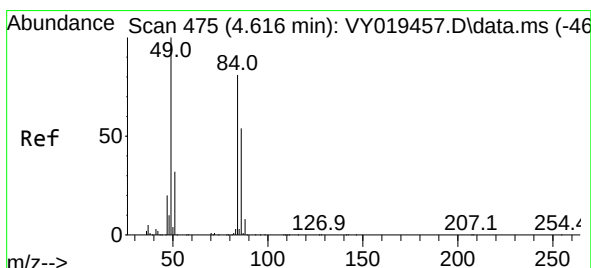
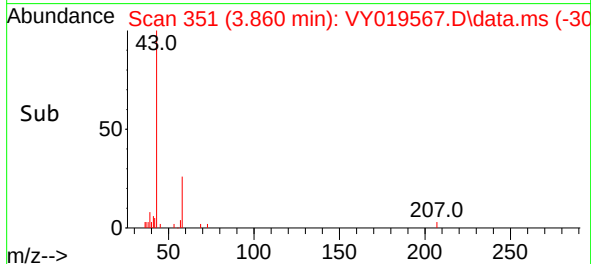
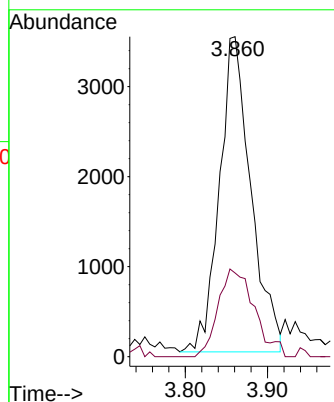
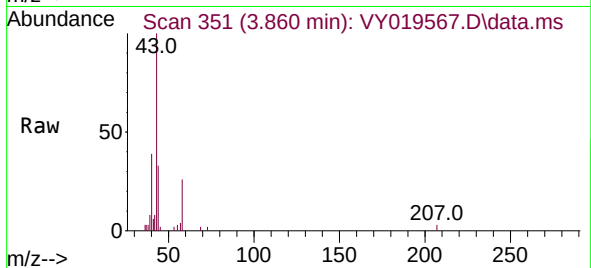




#16
Acetone
Concen: 39.632 ug/l
RT: 3.860 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY019567.D
Acq: 16 Sep 2024 15:29

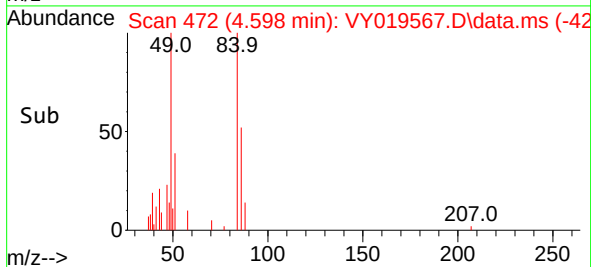
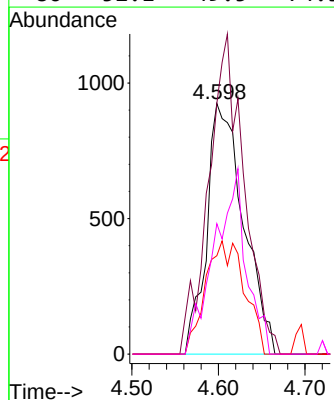
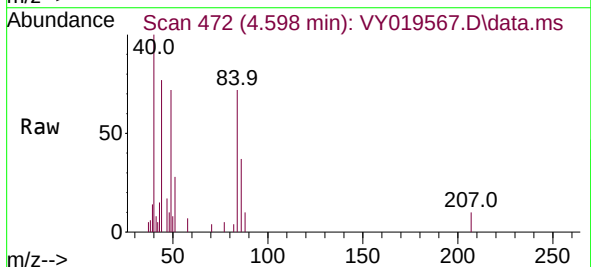
Instrument :
MSVOA_Y
ClientSampleId :

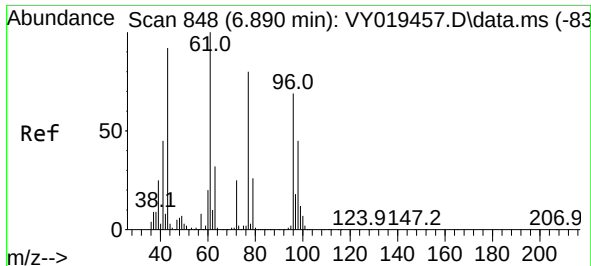
Tgt Ion: 43 Resp: 9327
Ion Ratio Lower Upper
43 100
58 26.5 31.7 47.5#



#20
Methylene Chloride
Concen: 2.551 ug/l
RT: 4.598 min Scan# 472
Delta R.T. -0.018 min
Lab File: VY019567.D
Acq: 16 Sep 2024 15:29

Tgt Ion: 84 Resp: 2738
Ion Ratio Lower Upper
84 100
49 100.0 84.4 126.6
51 39.3 26.0 39.0#
86 52.1 49.5 74.3

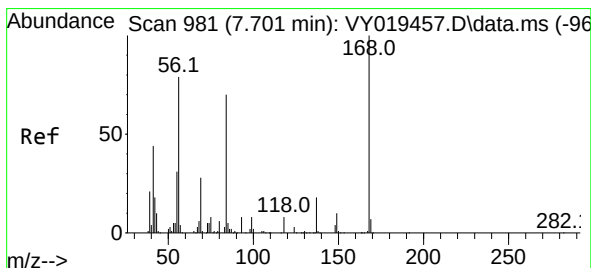
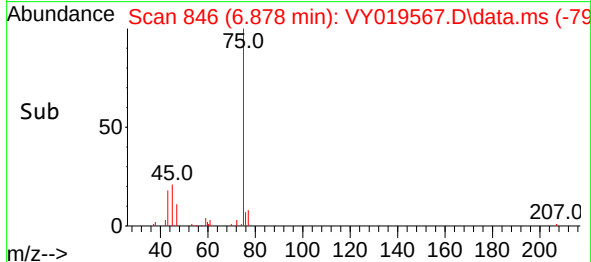
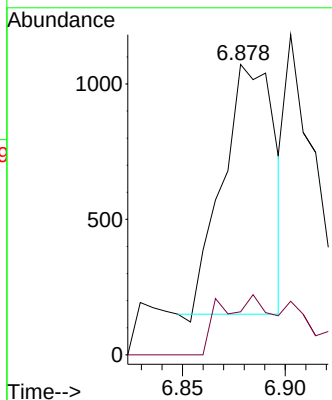
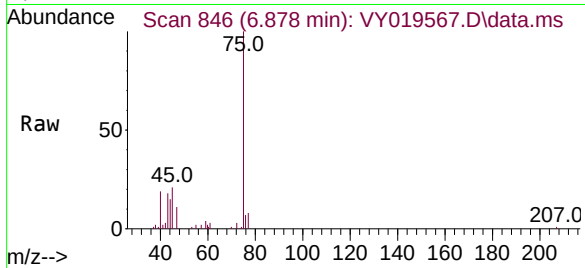




#25
2-Butanone
Concen: 4.834 ug/l
RT: 6.878 min Scan# 84
Delta R.T. -0.012 min
Lab File: VY019567.D
Acq: 16 Sep 2024 15:29

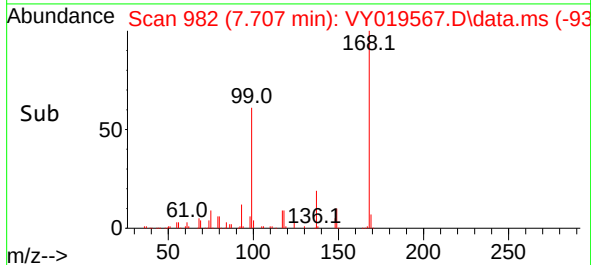
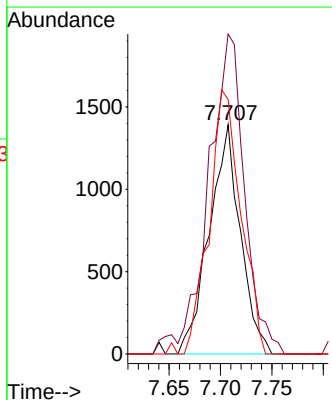
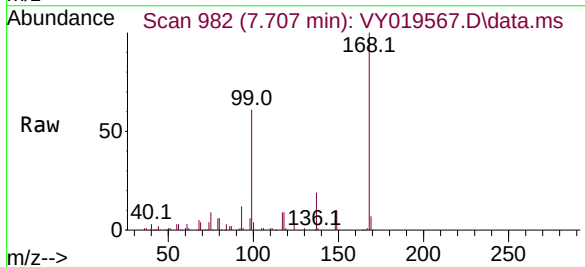
Instrument :
MSVOA_Y
ClientSampleId :

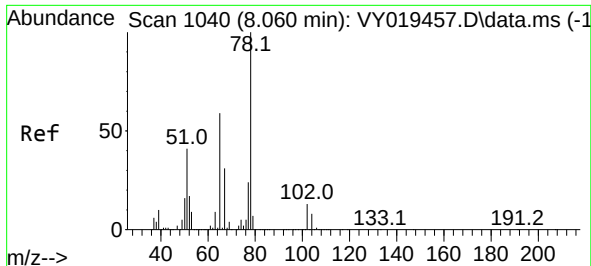
Tgt Ion: 43 Resp: 1618
Ion Ratio Lower Upper
43 100
72 17.2 27.3 40.9#



#31
Cyclohexane
Concen: 1.657 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.007 min
Lab File: VY019567.D
Acq: 16 Sep 2024 15:29

Tgt Ion: 56 Resp: 2929
Ion Ratio Lower Upper
56 100
69 135.1 28.7 43.1#
84 111.1 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 52.955 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY019567.D

Acq: 16 Sep 2024 15:29

Instrument :

MSVOA_Y

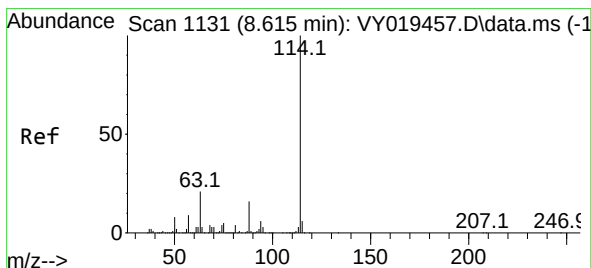
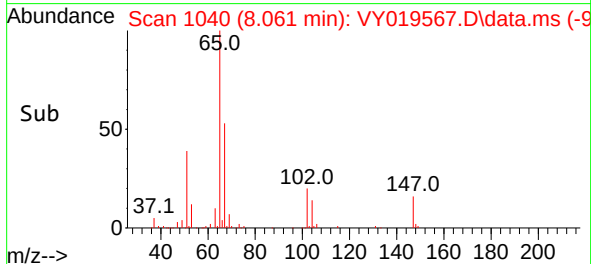
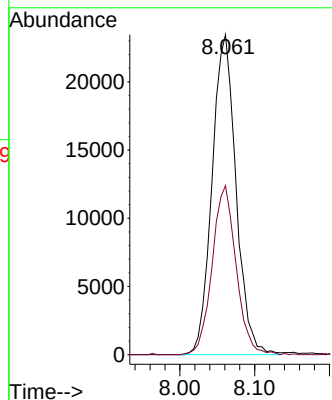
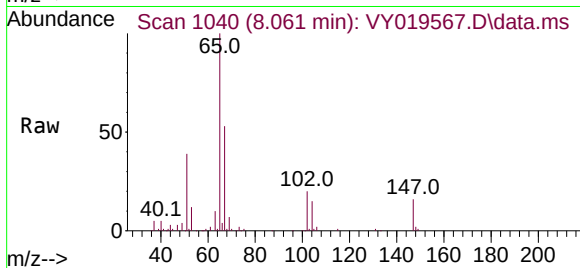
ClientSampleId :

Tgt Ion: 65 Resp: 52312

Ion Ratio Lower Upper

65 100

67 52.8 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: VY019567.D

Acq: 16 Sep 2024 15:29

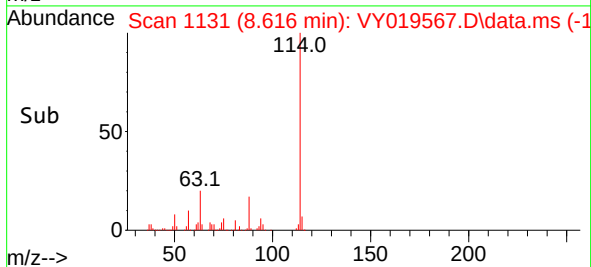
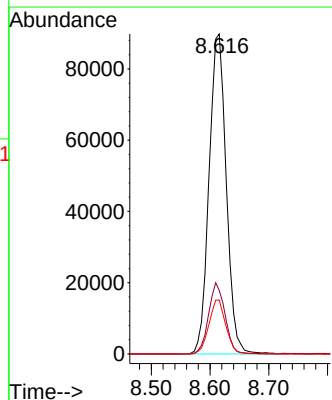
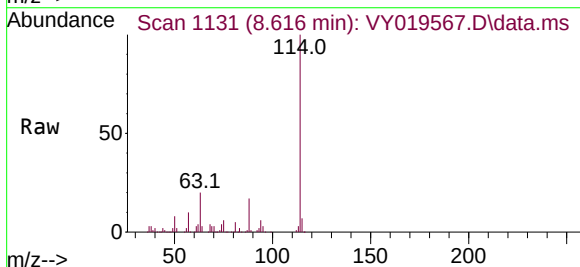
Tgt Ion: 114 Resp: 182745

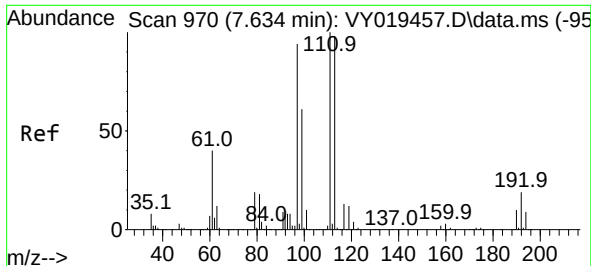
Ion Ratio Lower Upper

114 100

63 19.8 0.0 35.0

88 16.9 0.0 27.2

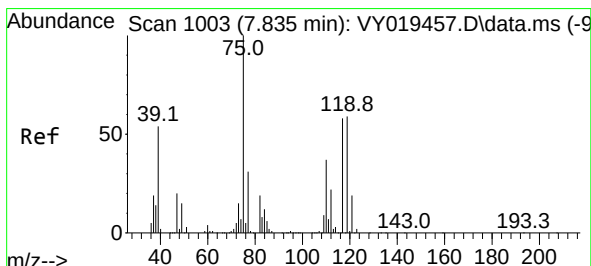
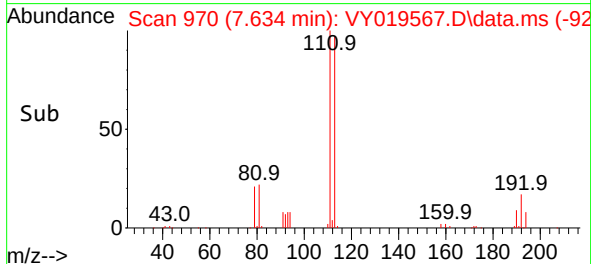
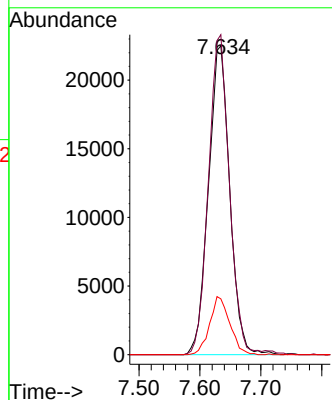
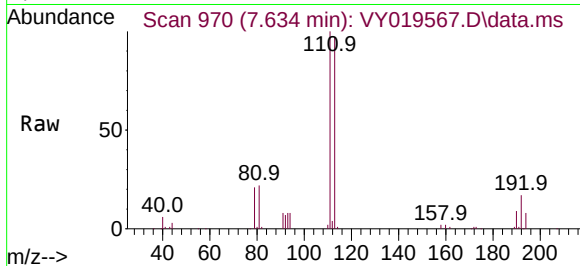




#35
Dibromofluoromethane
Concen: 52.787 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019567.D
Acq: 16 Sep 2024 15:29

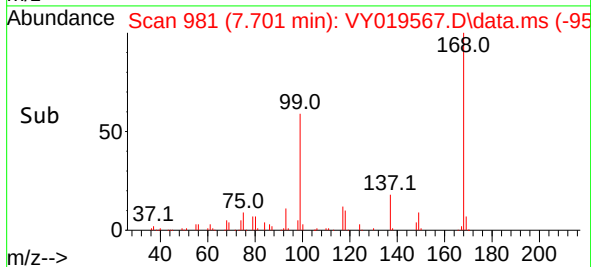
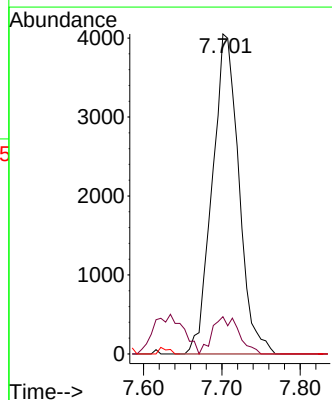
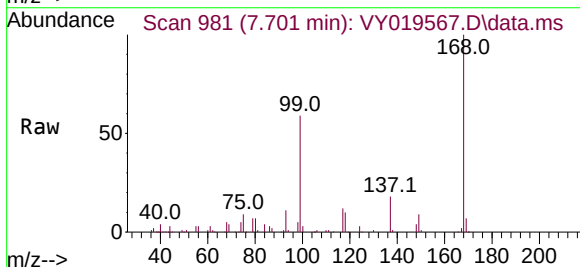
Instrument :
MSVOA_Y
ClientSampleId :

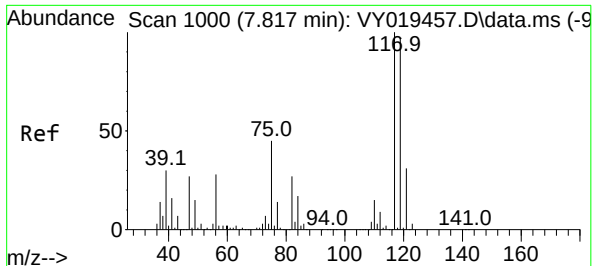
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.2	123.4
192	17.7	15.9	23.9



#36
1,1-Dichloropropene
Concen: 6.767 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.134 min
Lab File: VY019567.D
Acq: 16 Sep 2024 15:29

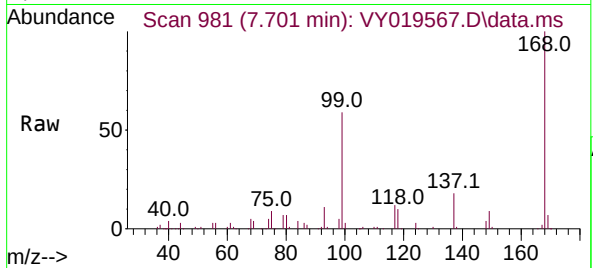
Tgt Ion	Ratio	Lower	Upper
75	100		
110	11.6	19.0	57.0#
77	0.0	25.3	37.9#



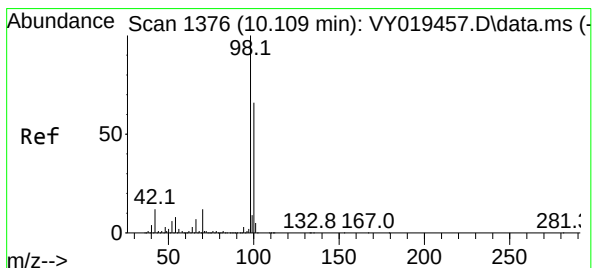
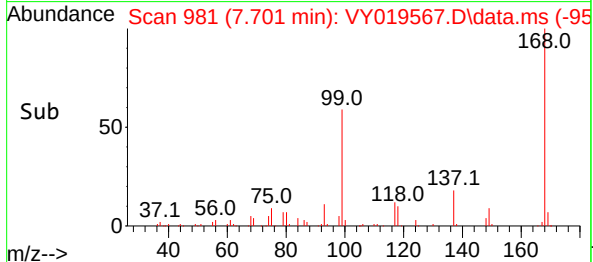
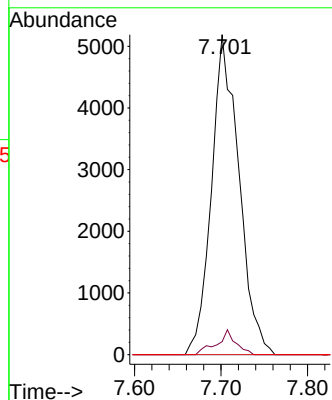


#38
Carbon Tetrachloride
Concen: 7.168 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.115 min
Lab File: VY019567.D
Acq: 16 Sep 2024 15:29

Instrument :
MSVOA_Y
ClientSampleId :

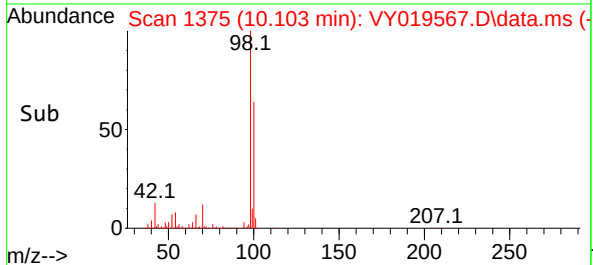
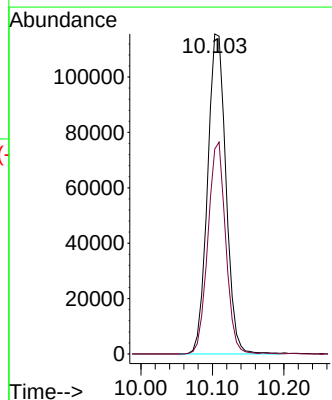
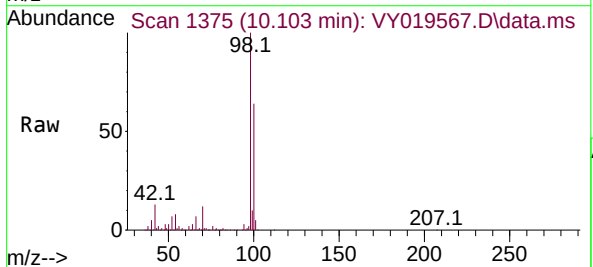


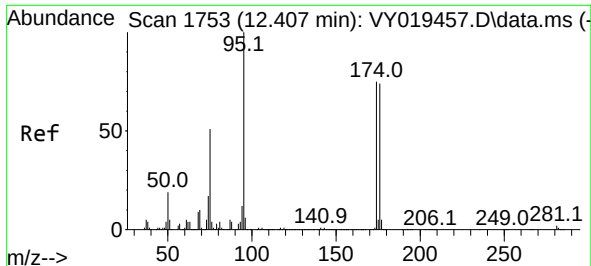
Tgt Ion: 117 Resp: 11397
Ion Ratio Lower Upper
117 100
119 4.0 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 53.876 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY019567.D
Acq: 16 Sep 2024 15:29

Tgt Ion: 98 Resp: 206474
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 37.895 ug/l

RT: 12.402 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019567.D

Acq: 16 Sep 2024 15:29

Instrument :

MSVOA_Y

ClientSampleId :

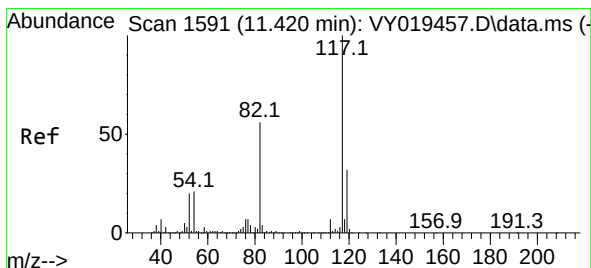
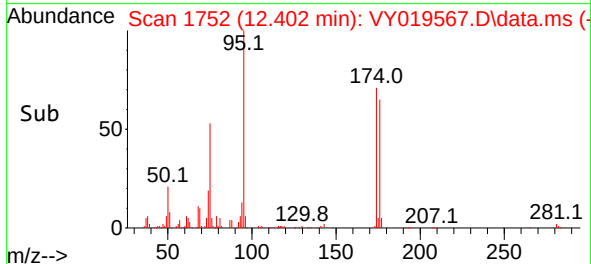
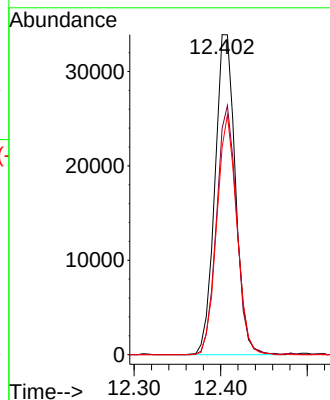
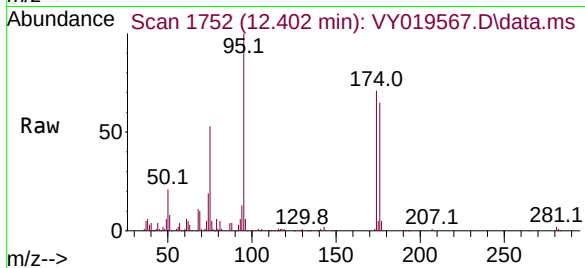
Tgt Ion: 95 Resp: 55842

Ion Ratio Lower Upper

95 100

174 76.0 0.0 175.6

176 73.0 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.006 min

Lab File: VY019567.D

Acq: 16 Sep 2024 15:29

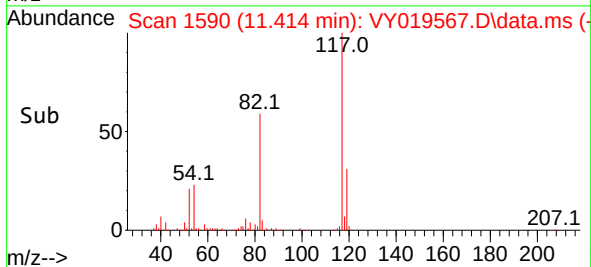
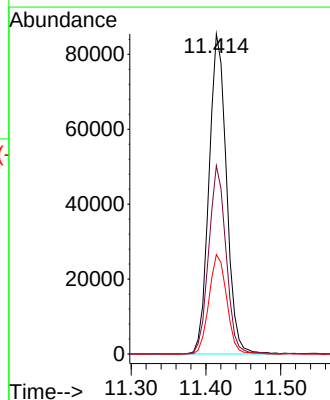
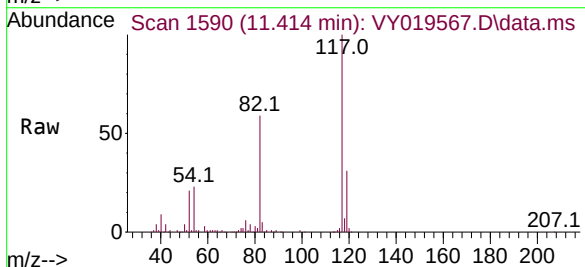
Tgt Ion: 117 Resp: 138882

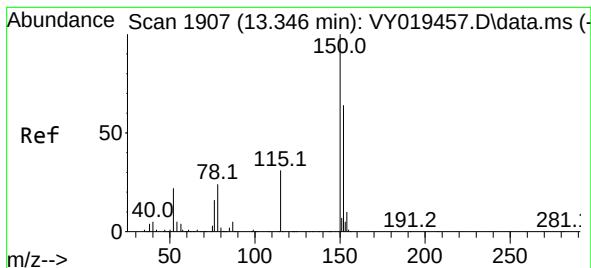
Ion Ratio Lower Upper

117 100

82 58.8 42.4 63.6

119 31.1 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019567.D

Acq: 16 Sep 2024 15:29

Instrument :

MSVOA_Y

ClientSampleId :

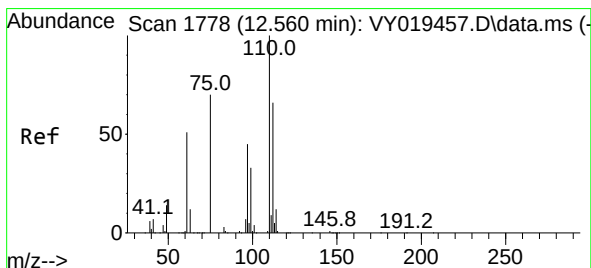
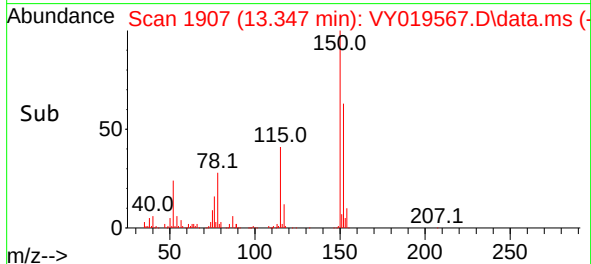
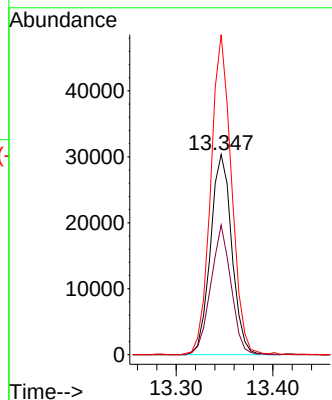
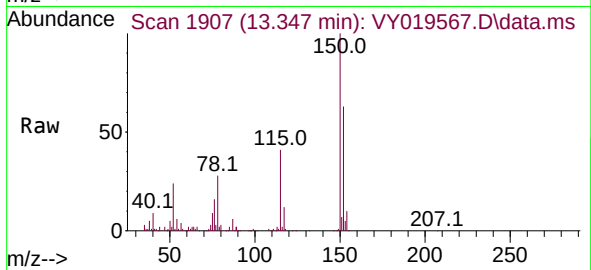
Tgt Ion:152 Resp: 46538

Ion Ratio Lower Upper

152 100

115 61.3 28.2 84.7

150 155.2 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 70.477 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY019567.D

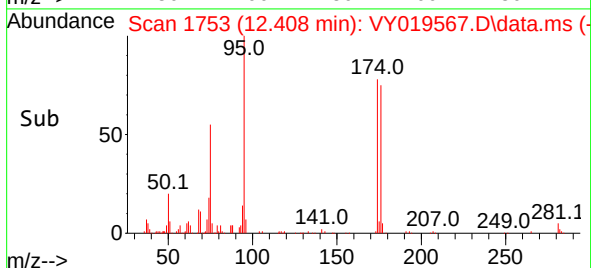
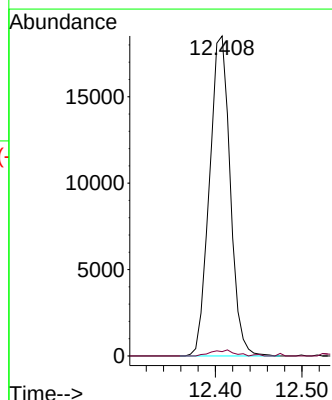
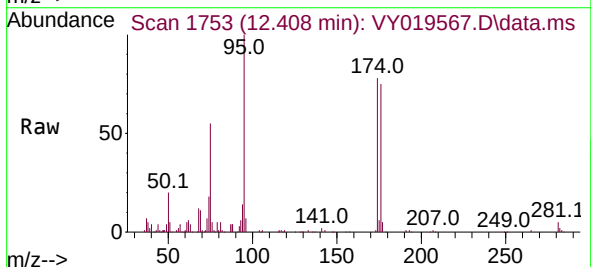
Acq: 16 Sep 2024 15:29

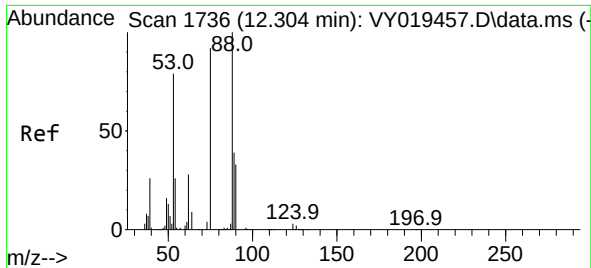
Tgt Ion: 75 Resp: 30742

Ion Ratio Lower Upper

75 100

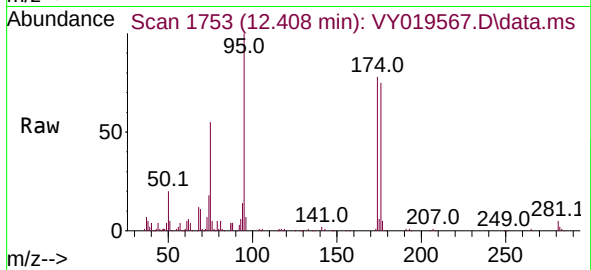
77 2.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 135.296 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY019567.D
 Acq: 16 Sep 2024 15:29

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 30742
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.1 35.8 53.6#

