

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091724\
 Data File : VY019592.D
 Acq On : 17 Sep 2024 17:45
 Operator : SY/MD
 Sample : P4002-03
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 18 01:34:30 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)

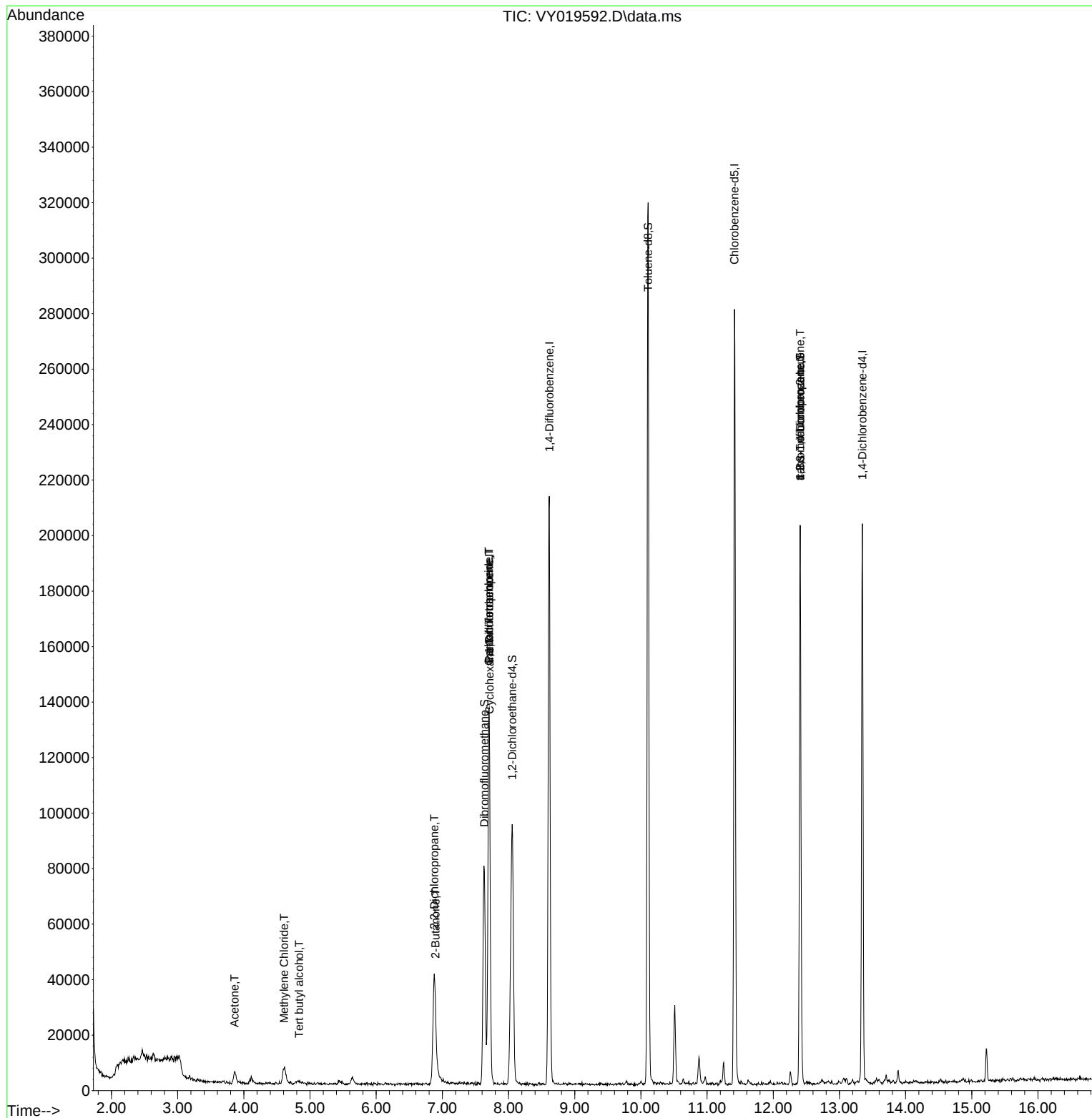
Internal Standards						
1) Pentafluorobenzene	7.707	168	101290	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	179240	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	146719	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	49105	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	60269	64.258	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.520%	
35) Dibromofluoromethane	7.634	113	57640	56.718	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.440%	
50) Toluene-d8	10.109	98	206755	55.004	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.000%	
62) 4-Bromofluorobenzene	12.408	95	61493	42.546	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 85.100%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.849	85	24	Below Cal	#	43
11) Tert butyl alcohol	4.836	59	1505	19.869	ug/l	# 88
13) Acrolein	3.641	56	78	Below Cal	#	1
16) Acetone	3.860	43	7521	33.659	ug/l	# 80
20) Methylene Chloride	4.610	84	4567	4.482	ug/l	# 87
25) 2-Butanone	6.896	43	3801	11.960	ug/l	# 57
26) 2,2-Dichloropropane	6.878	77	3155	1.883	ug/l	# 51
31) Cyclohexane	7.713	56	2710	1.614	ug/l	# 39
36) 1,1-Dichloropropene	7.707	75	9451	6.835	ug/l	# 48
38) Carbon Tetrachloride	7.701	117	10957	7.026	ug/l	# 17
76) 1,2,3-Trichloropropane	12.408	75	33316	72.386	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.408	75	33316	138.960	ug/l	# 16

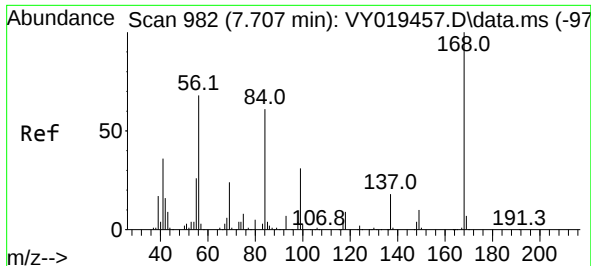
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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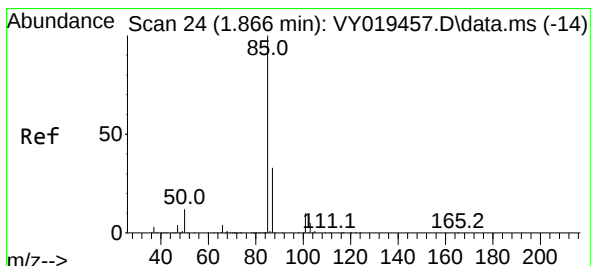
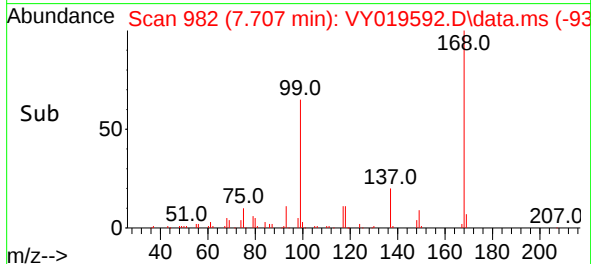
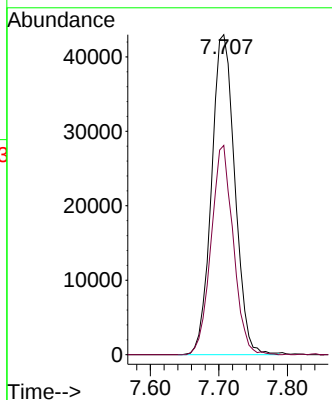
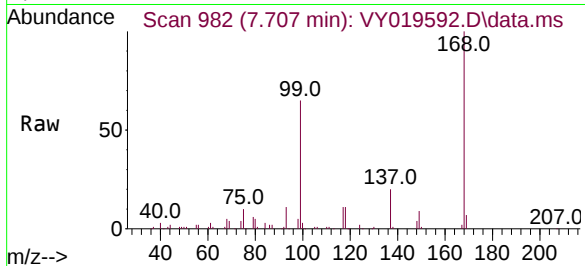




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019592.D
Acq: 17 Sep 2024 17:45

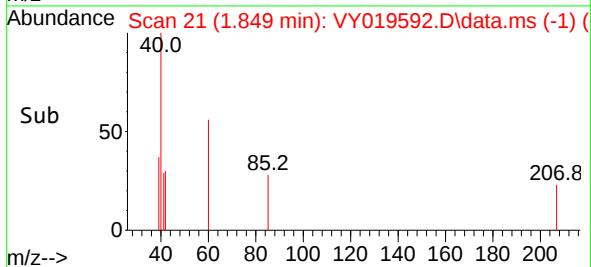
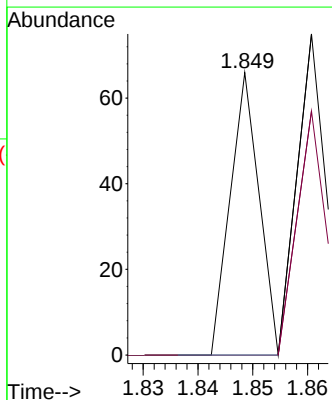
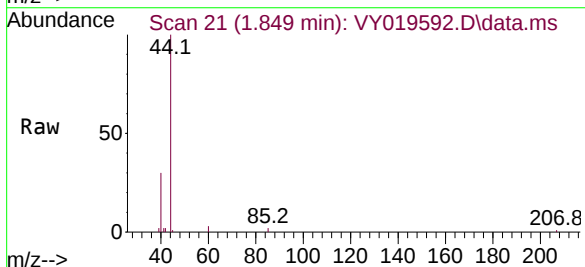
Instrument :
MSVOA_Y
ClientSampleId :

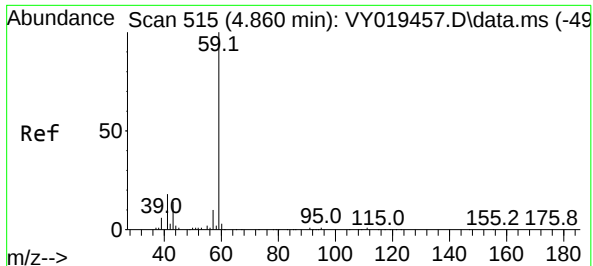
Tgt Ion:168 Resp: 101290
Ion Ratio Lower Upper
168 100
99 65.4 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.849 min Scan# 21
Delta R.T. -0.017 min
Lab File: VY019592.D
Acq: 17 Sep 2024 17:45

Tgt Ion: 85 Resp: 24
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#





#11

Tert butyl alcohol

Concen: 19.869 ug/l

RT: 4.836 min Scan# 511

Delta R.T. -0.024 min

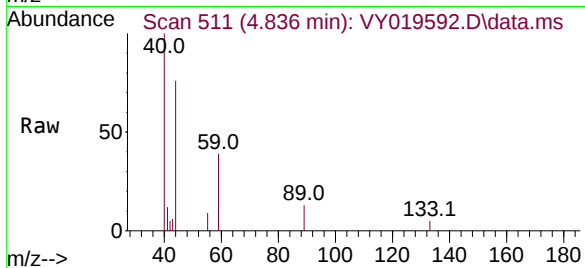
Lab File: VY019592.D

Acq: 17 Sep 2024 17:45

Instrument :

MSVOA_Y

ClientSampleId :

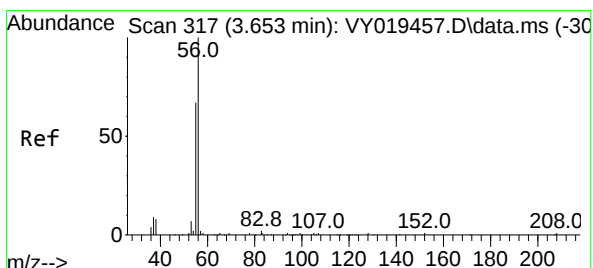
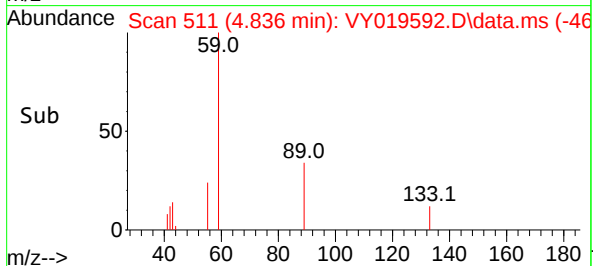
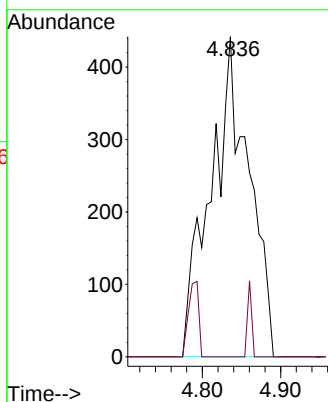


Tgt Ion: 59 Resp: 1505

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#13

Acrolein

Concen: Below Cal

RT: 3.641 min Scan# 315

Delta R.T. -0.012 min

Lab File: VY019592.D

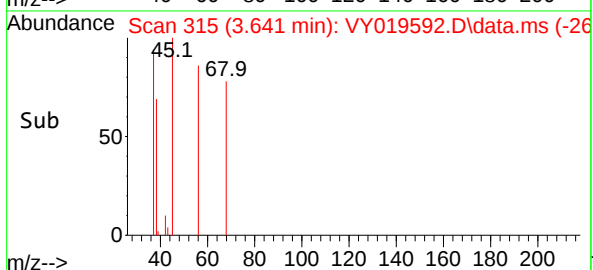
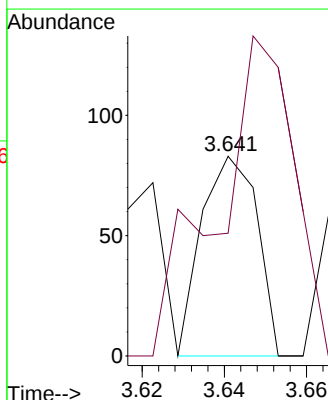
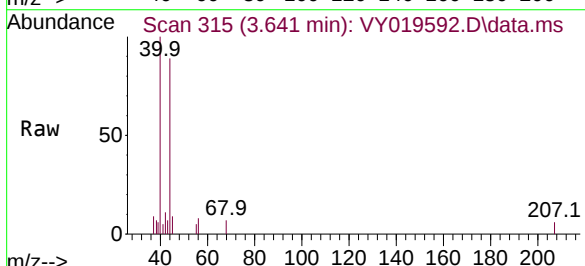
Acq: 17 Sep 2024 17:45

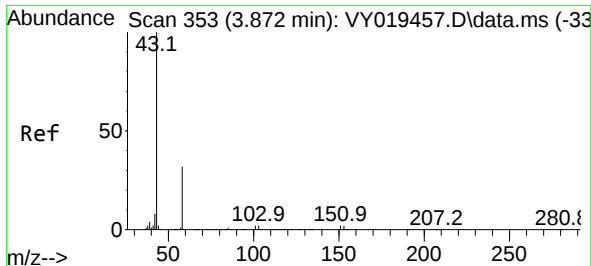
Tgt Ion: 56 Resp: 78

Ion Ratio Lower Upper

56 100

55 223.1 55.7 83.5#

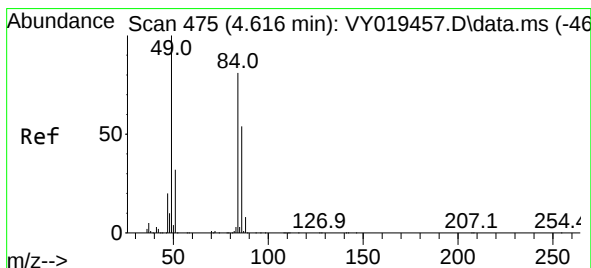
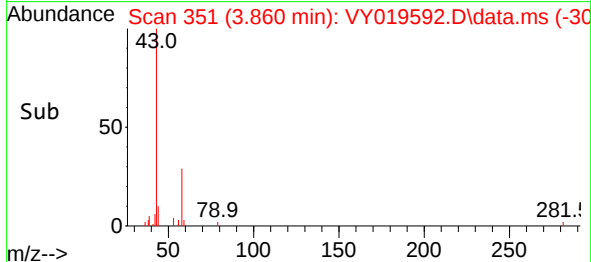
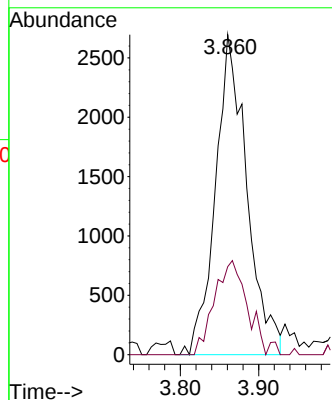
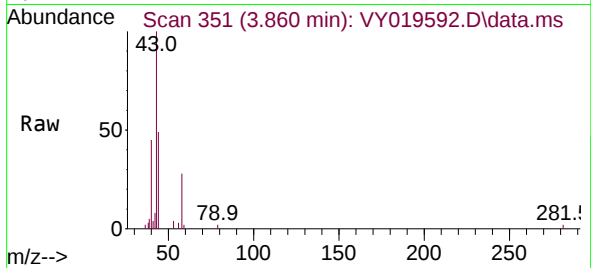




#16
Acetone
Concen: 33.659 ug/l
RT: 3.860 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY019592.D
Acq: 17 Sep 2024 17:45

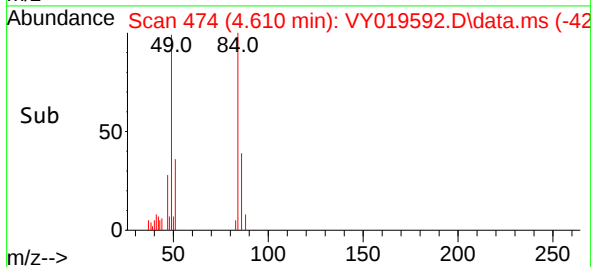
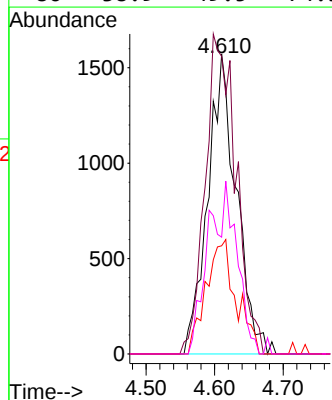
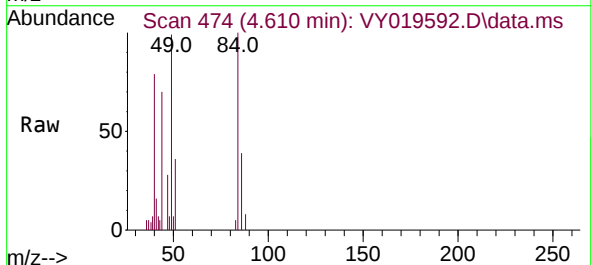
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 7521
Ion Ratio Lower Upper
43 100
58 27.5 31.7 47.5#



#20
Methylene Chloride
Concen: 4.482 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY019592.D
Acq: 17 Sep 2024 17:45

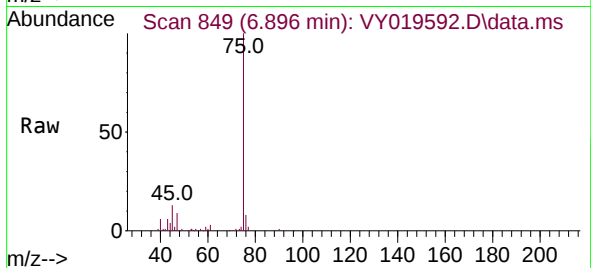
Tgt Ion: 84 Resp: 4567
Ion Ratio Lower Upper
84 100
49 99.2 84.4 126.6
51 36.1 26.0 39.0
86 38.9 49.5 74.3#



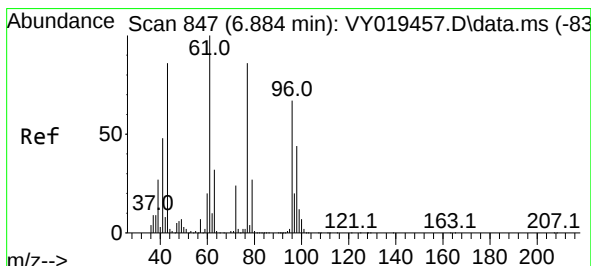
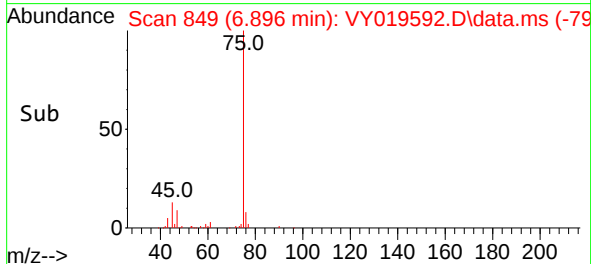
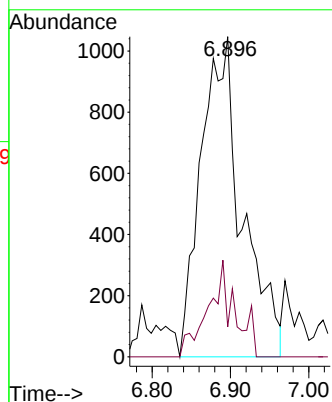


#25
2-Butanone
Concen: 11.960 ug/l
RT: 6.896 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY019592.D
Acq: 17 Sep 2024 17:45

Instrument :
MSVOA_Y
ClientSampleId :

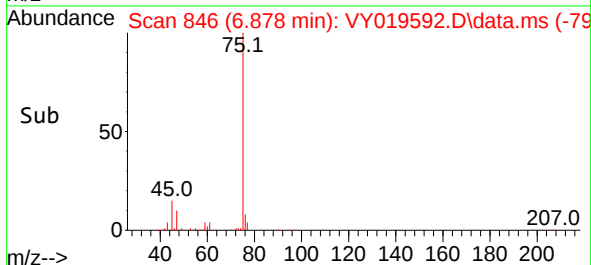
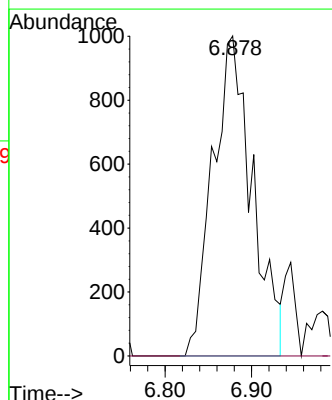
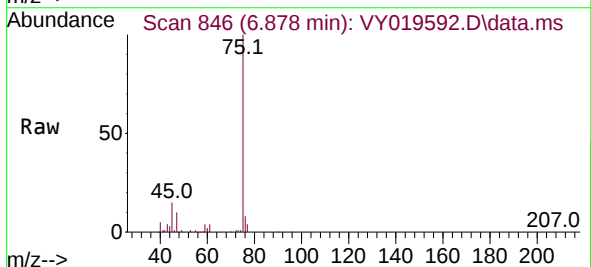


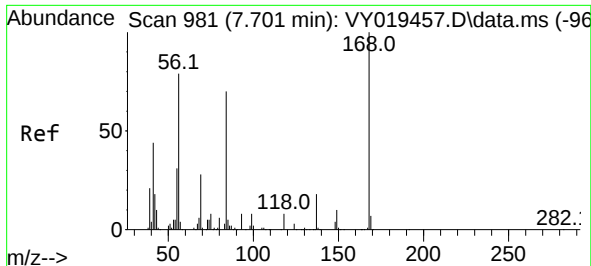
Tgt Ion: 43 Resp: 3801
Ion Ratio Lower Upper
43 100
72 9.4 27.3 40.9#



#26
2,2-Dichloropropane
Concen: 1.883 ug/l
RT: 6.878 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY019592.D
Acq: 17 Sep 2024 17:45

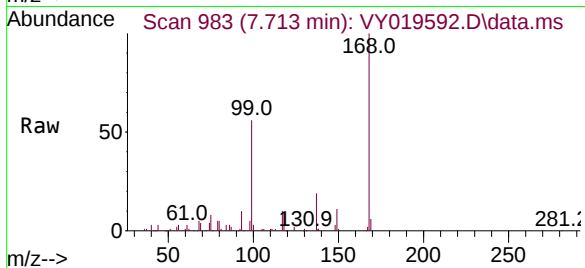
Tgt Ion: 77 Resp: 3155
Ion Ratio Lower Upper
77 100
97 0.0 12.0 36.1#



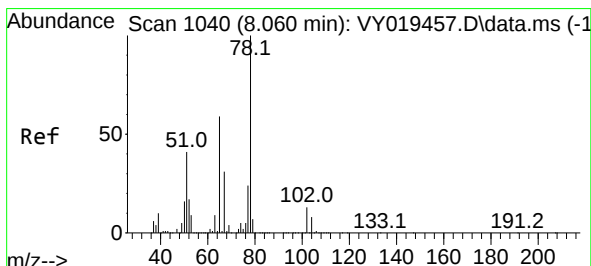
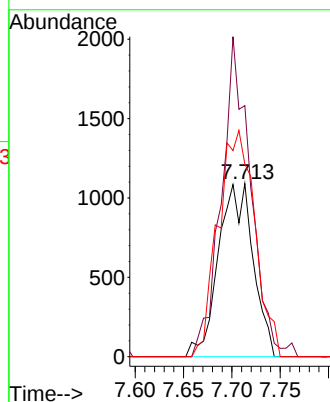
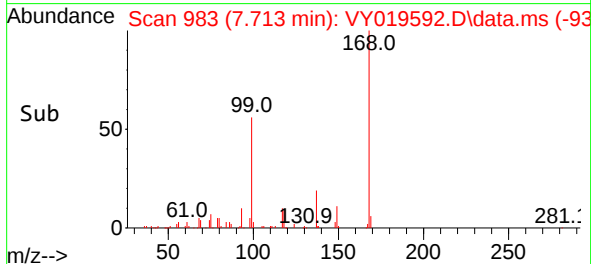


#31
Cyclohexane
Concen: 1.614 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.013 min
Lab File: VY019592.D
Acq: 17 Sep 2024 17:45

Instrument :
MSVOA_Y
ClientSampleId :

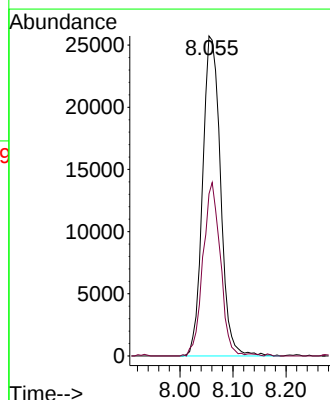
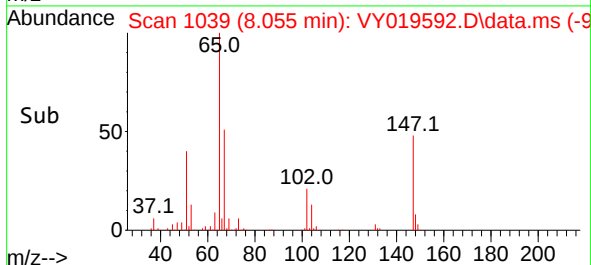
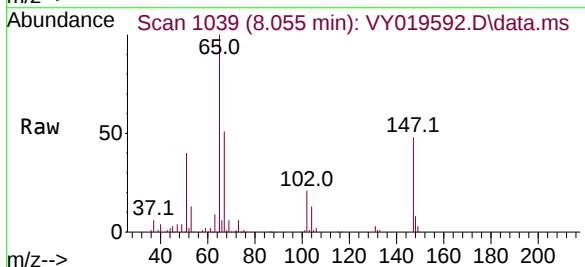


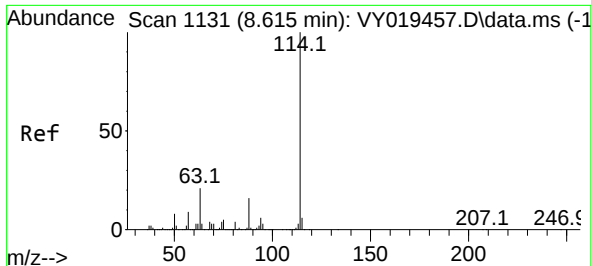
Tgt Ion: 56 Resp: 2710
Ion Ratio Lower Upper
56 100
69 145.0 28.7 43.1#
84 111.3 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 64.258 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY019592.D
Acq: 17 Sep 2024 17:45

Tgt Ion: 65 Resp: 60269
Ion Ratio Lower Upper
65 100
67 52.6 0.0 109.6

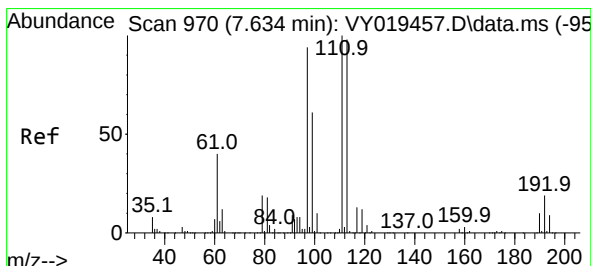
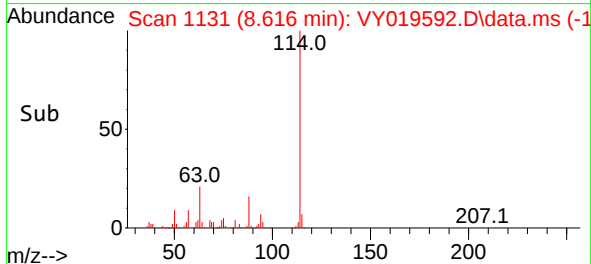
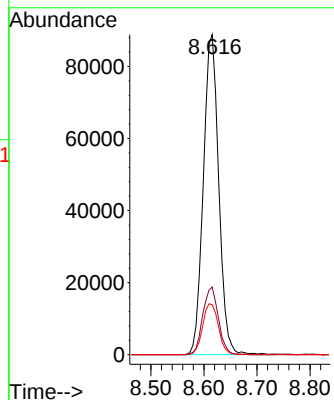
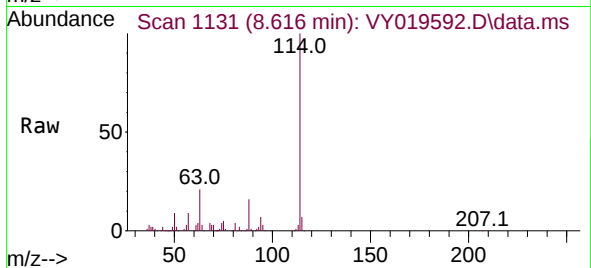




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019592.D
Acq: 17 Sep 2024 17:45

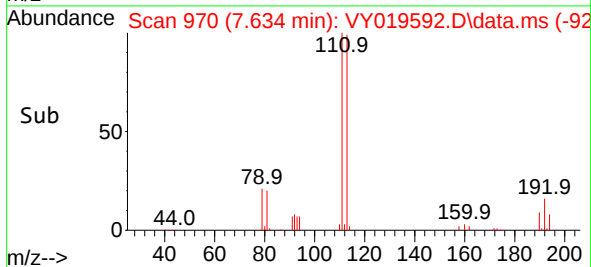
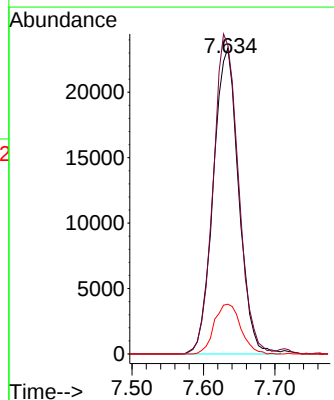
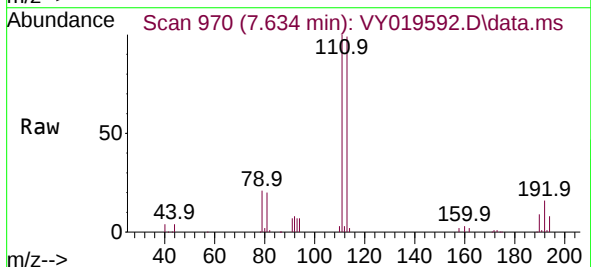
Instrument :
MSVOA_Y
ClientSampleId :

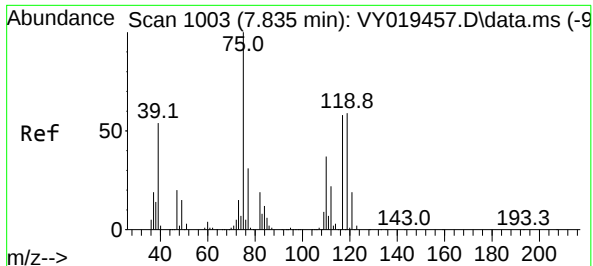
Tgt Ion:114 Resp: 179240
Ion Ratio Lower Upper
114 100
63 21.1 0.0 35.0
88 15.6 0.0 27.2



#35
Dibromofluoromethane
Concen: 56.718 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY019592.D
Acq: 17 Sep 2024 17:45

Tgt Ion:113 Resp: 57640
Ion Ratio Lower Upper
113 100
111 103.9 82.2 123.4
192 16.9 15.9 23.9

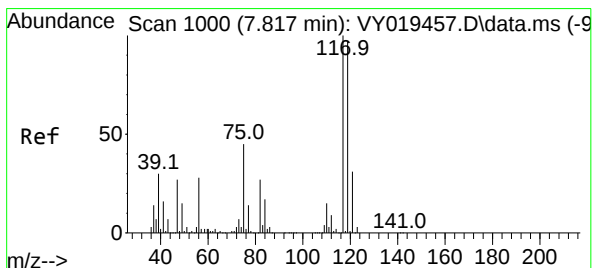
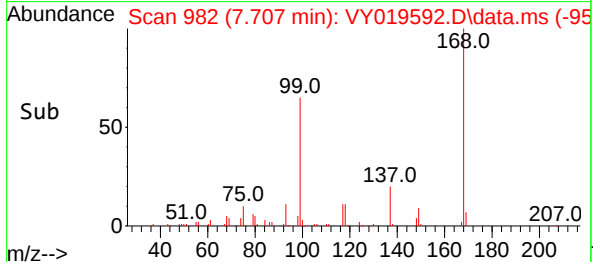
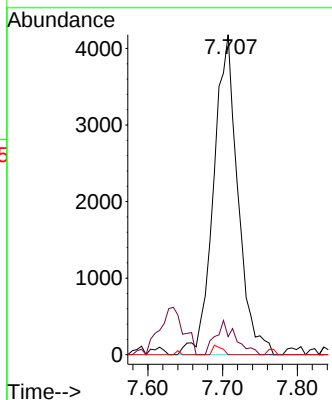
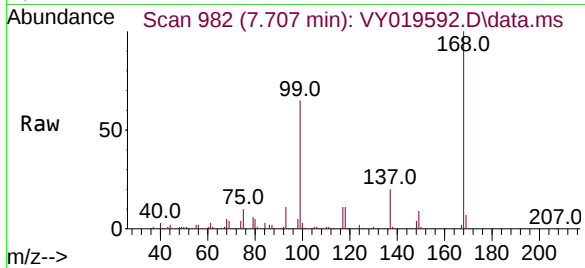




#36
1,1-Dichloropropene
Concen: 6.835 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY019592.D
Acq: 17 Sep 2024 17:45

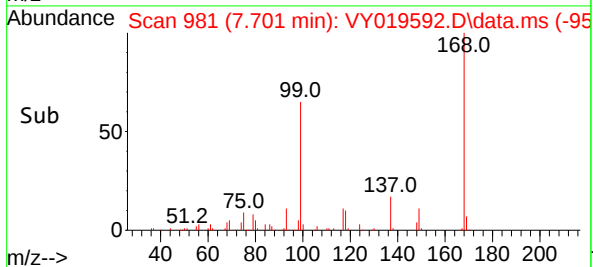
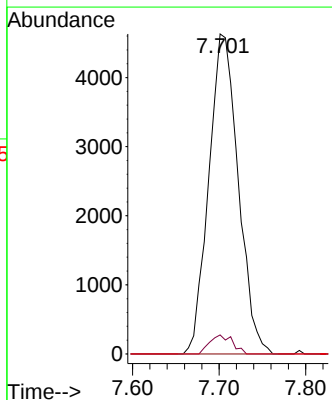
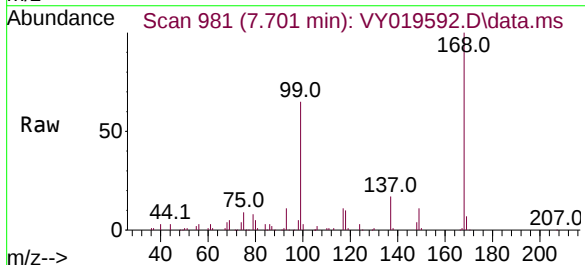
Instrument :
MSVOA_Y
ClientSampleId :

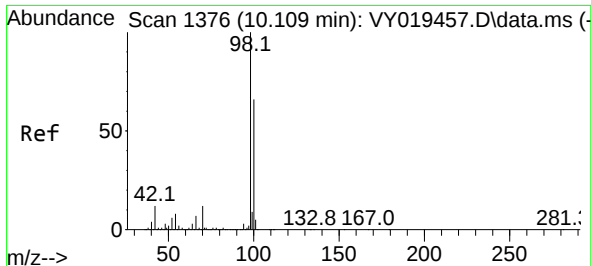
Tgt Ion: 75 Resp: 9451
Ion Ratio Lower Upper
75 100
110 8.7 19.0 57.0#
77 1.1 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 7.026 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.116 min
Lab File: VY019592.D
Acq: 17 Sep 2024 17:45

Tgt Ion: 117 Resp: 10957
Ion Ratio Lower Upper
117 100
119 5.9 75.8 113.6#
121 0.0 24.0 36.0#

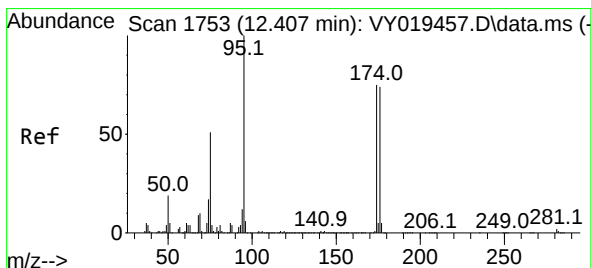
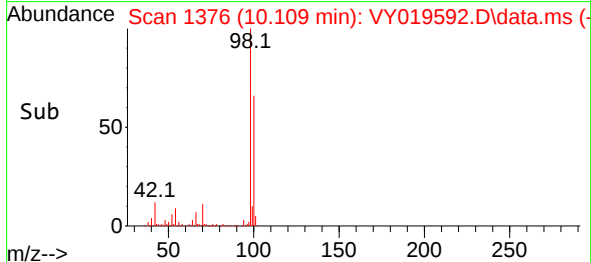
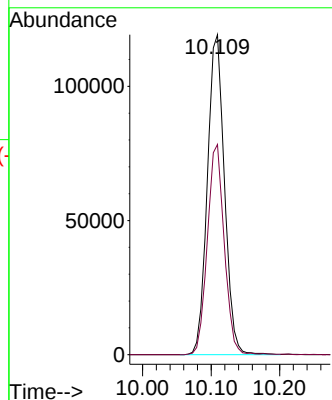
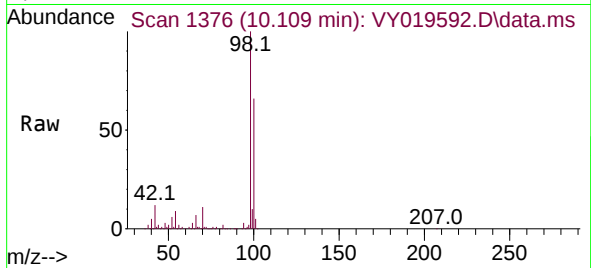




#50
Toluene-d8
Concen: 55.004 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019592.D
Acq: 17 Sep 2024 17:45

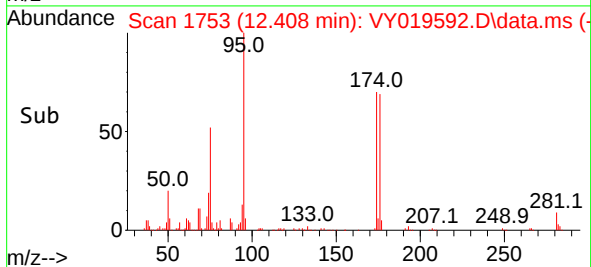
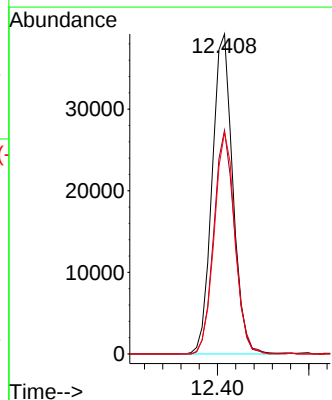
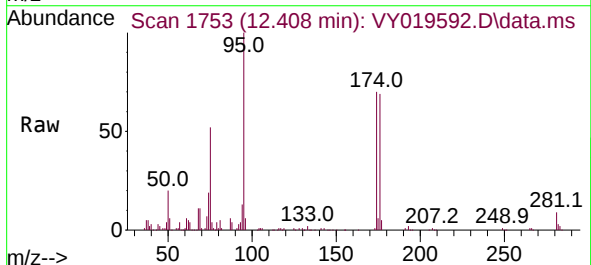
Instrument :
MSVOA_Y
ClientSampleId :

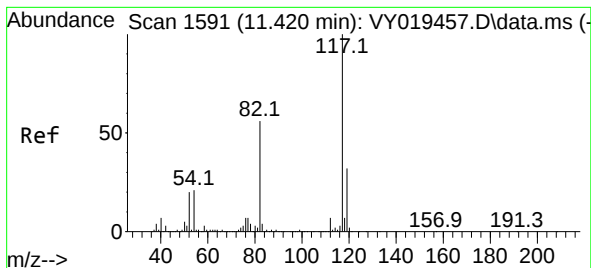
Tgt Ion: 98 Resp: 206755
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 42.546 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019592.D
Acq: 17 Sep 2024 17:45

Tgt Ion: 95 Resp: 61493
Ion Ratio Lower Upper
95 100
174 70.6 0.0 175.6
176 69.3 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: VY019592.D

Acq: 17 Sep 2024 17:45

Instrument :

MSVOA_Y

ClientSampleId :

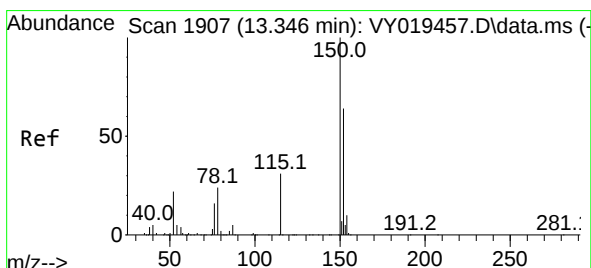
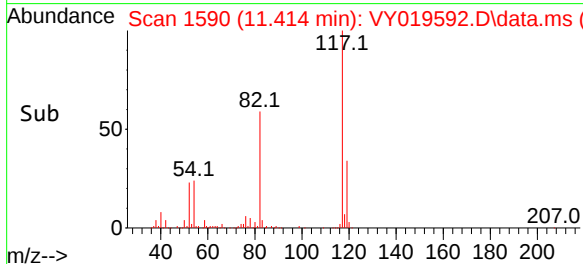
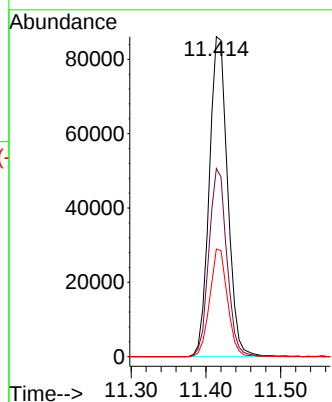
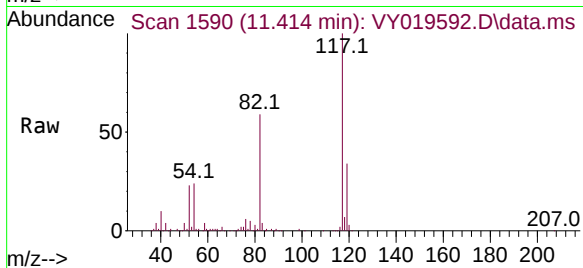
Tgt Ion:117 Resp: 146719

Ion Ratio Lower Upper

117 100

82 58.8 42.4 63.6

119 33.7 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: VY019592.D

Acq: 17 Sep 2024 17:45

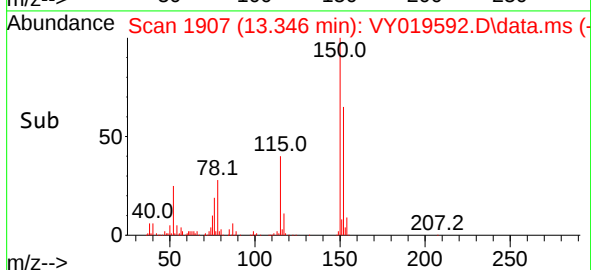
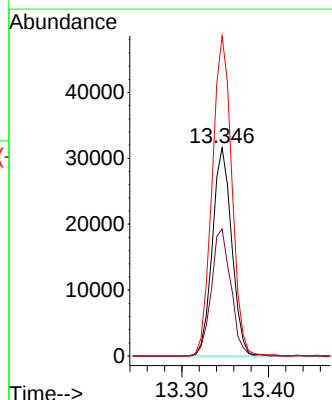
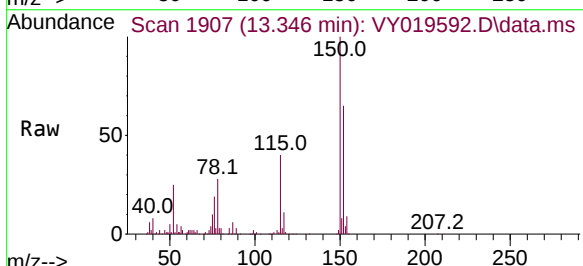
Tgt Ion:152 Resp: 49105

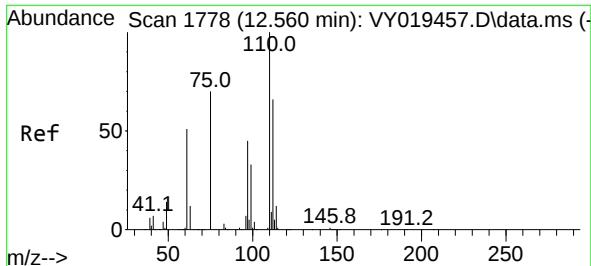
Ion Ratio Lower Upper

152 100

115 61.3 28.2 84.7

150 155.8 0.0 345.6

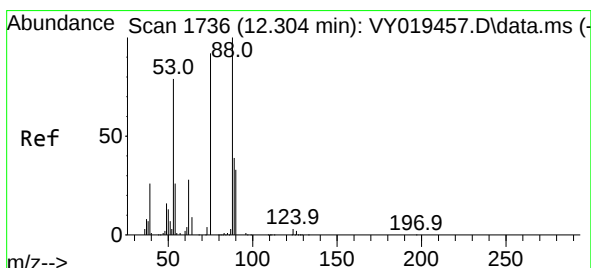
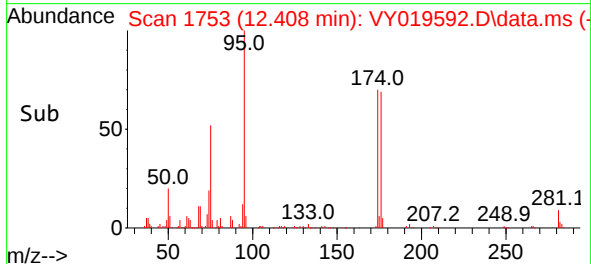
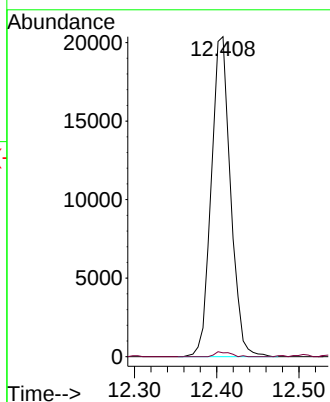
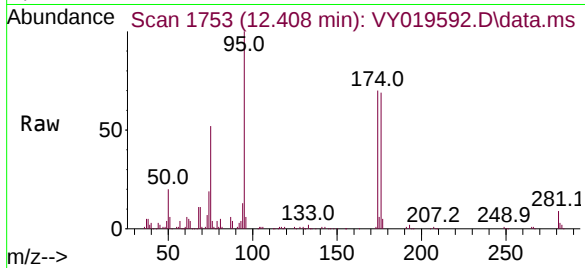




#76
1,2,3-Trichloropropane
Concen: 72.386 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY019592.D
Acq: 17 Sep 2024 17:45

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 33316
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 138.960 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY019592.D
Acq: 17 Sep 2024 17:45

Tgt Ion: 75 Resp: 33316
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 35.8 53.6#

