

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092424\
 Data File : VY019681.D
 Acq On : 24 Sep 2024 14:44
 Operator : SY/MD
 Sample : P4148-01
 Misc : 4.65g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 25 01:26:17 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)

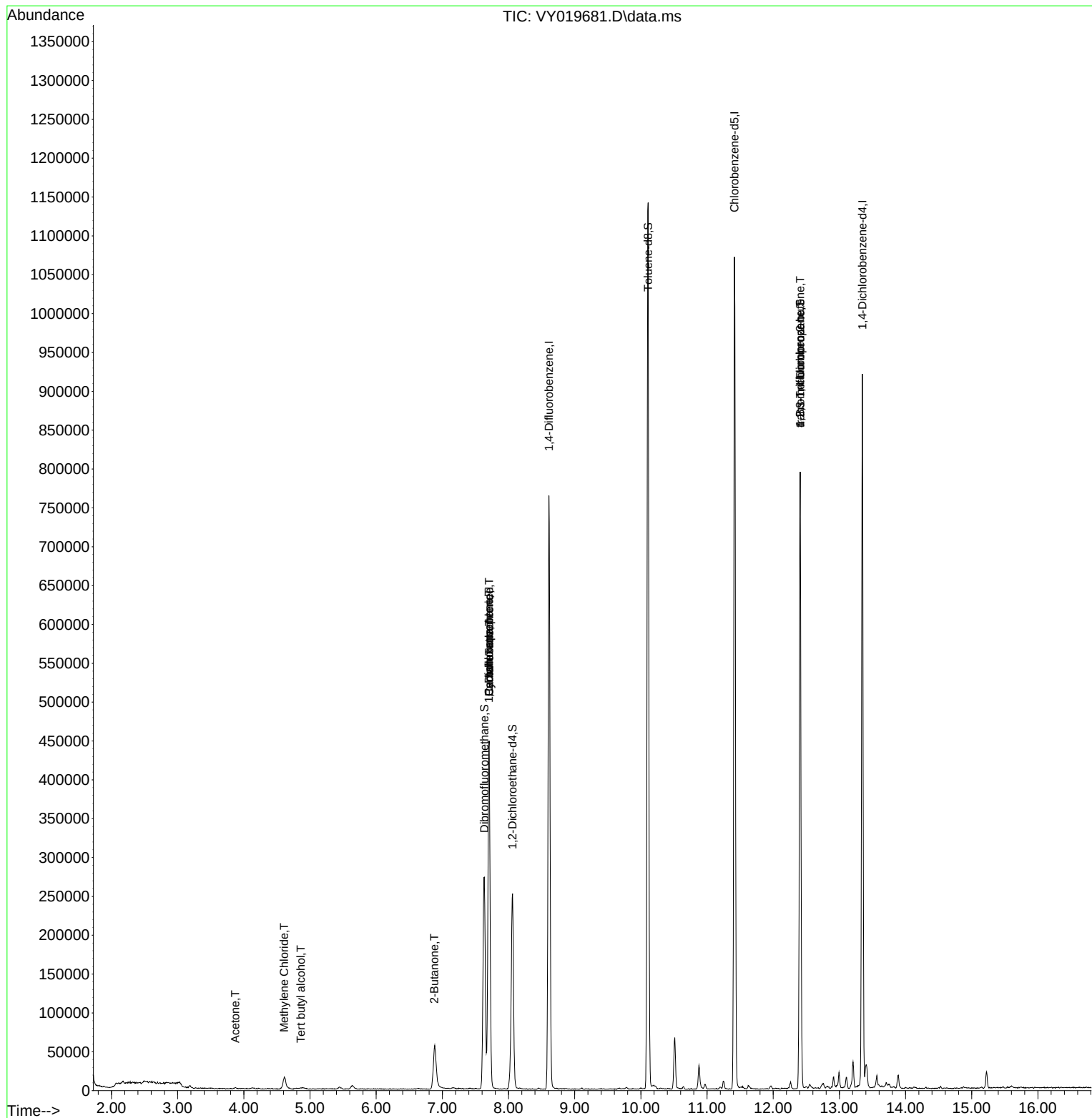
Internal Standards						
1) Pentafluorobenzene	7.707	168	330994	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.609	114	634784	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	566572	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	215983	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	187294	61.109	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.220%	
35) Dibromofluoromethane	7.634	113	200519	55.714	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.420%	
50) Toluene-d8	10.109	98	752872	56.555	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.100%	
62) 4-Bromofluorobenzene	12.408	95	244653	47.796	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 95.600%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.861	85	165	Below Cal	#	43
11) Tert butyl alcohol	4.860	59	369	1.491	ug/l #	95
13) Acrolein	3.641	56	41	Below Cal	#	15
16) Acetone	3.872	43	2782	3.810	ug/l #	84
20) Methylene Chloride	4.610	84	10231	3.072	ug/l #	97
25) 2-Butanone	6.878	43	3396	3.270	ug/l #	59
31) Cyclohexane	7.707	56	7711	1.406	ug/l #	1
36) 1,1-Dichloropropene	7.701	75	28062	5.730	ug/l #	48
38) Carbon Tetrachloride	7.707	117	35826	6.487	ug/l #	15
76) 1,2,3-Trichloropropane	12.408	75	131894	65.153	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	131894	125.074	ug/l #	16

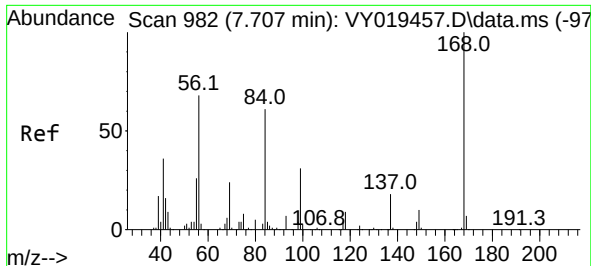
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Sep 09 16:00:30 2024
Response via : Initial Calibration

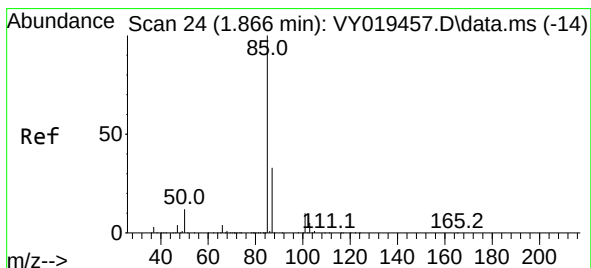
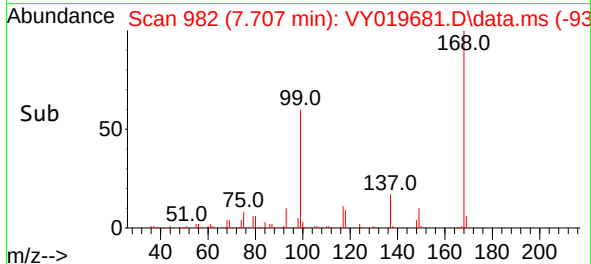
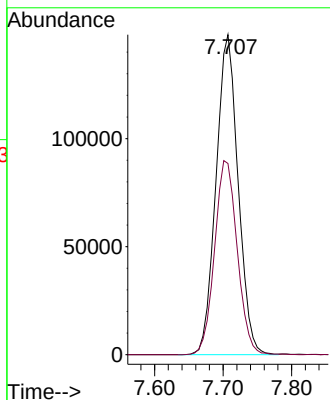
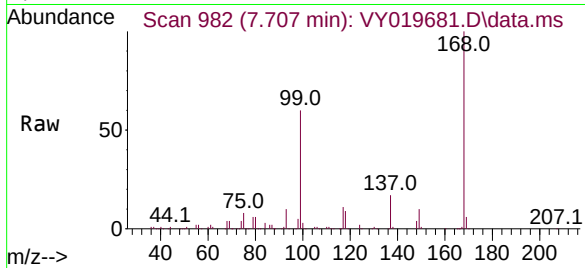




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019681.D
Acq: 24 Sep 2024 14:44

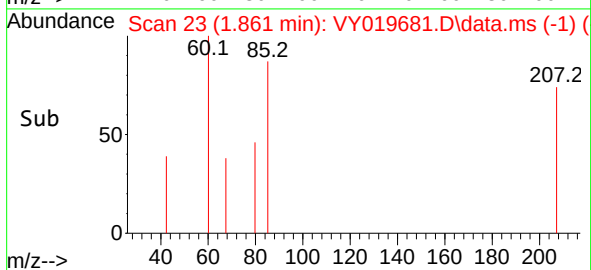
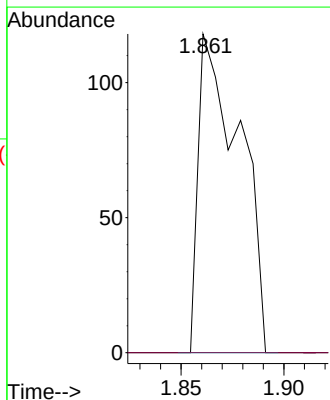
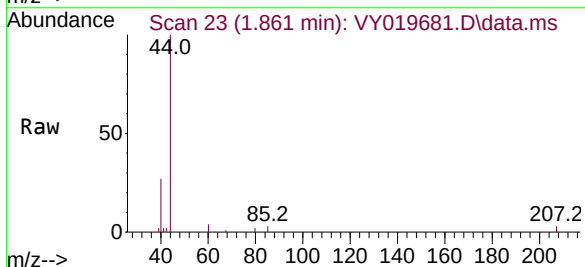
Instrument :
MSVOA_Y
ClientSampleId :

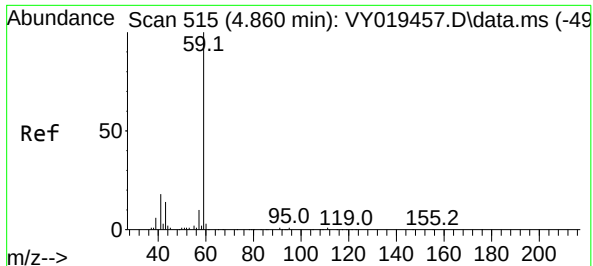
Tgt Ion:168 Resp: 330994
Ion Ratio Lower Upper
168 100
99 59.8 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.861 min Scan# 23
Delta R.T. -0.005 min
Lab File: VY019681.D
Acq: 24 Sep 2024 14:44

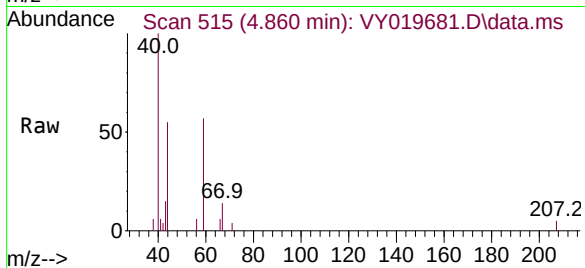
Tgt Ion: 85 Resp: 165
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#



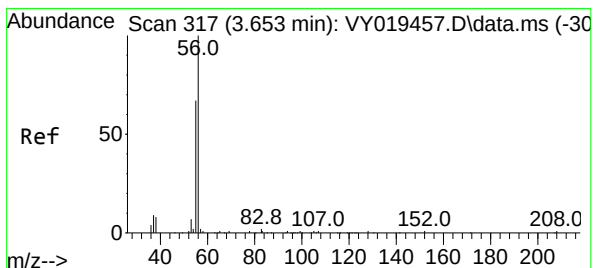
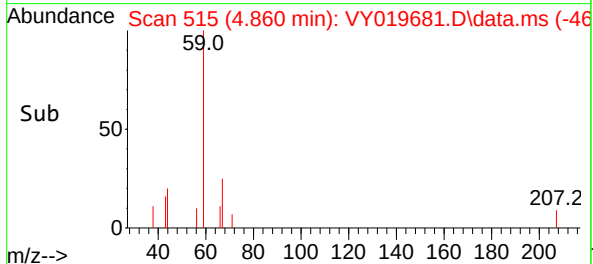
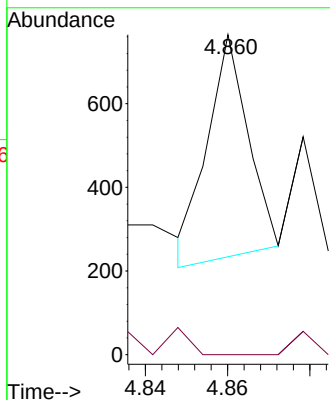


#11
Tert butyl alcohol
Concen: 1.491 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY019681.D
Acq: 24 Sep 2024 14:44

Instrument :
MSVOA_Y
ClientSampleId :

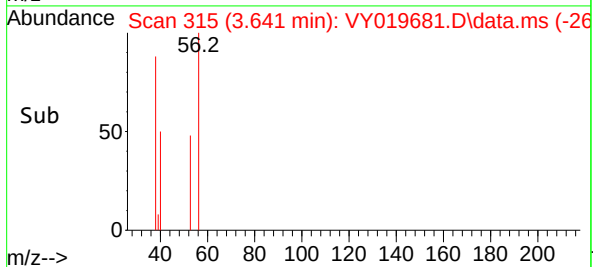
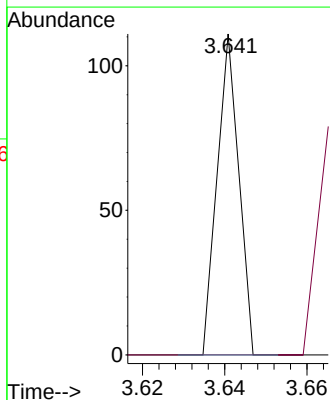
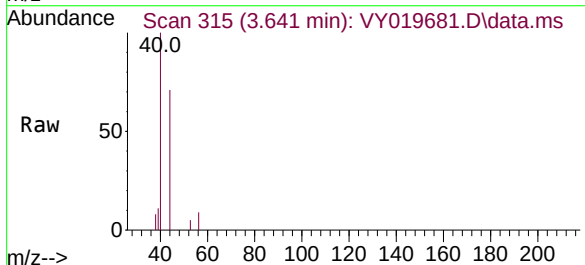


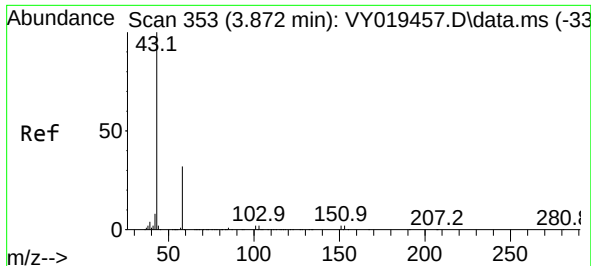
Tgt Ion: 59 Resp: 369
Ion Ratio Lower Upper
59 100
57 5.4 3.0 4.6#



#13
Acrolein
Concen: Below Cal
RT: 3.641 min Scan# 315
Delta R.T. -0.012 min
Lab File: VY019681.D
Acq: 24 Sep 2024 14:44

Tgt Ion: 56 Resp: 41
Ion Ratio Lower Upper
56 100
55 0.0 55.7 83.5#

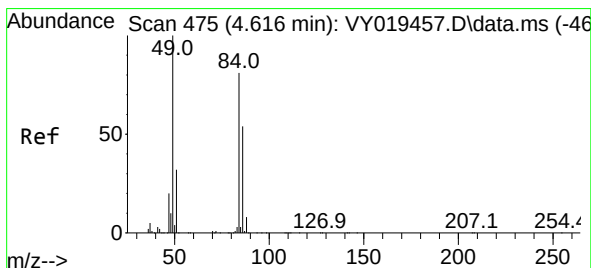
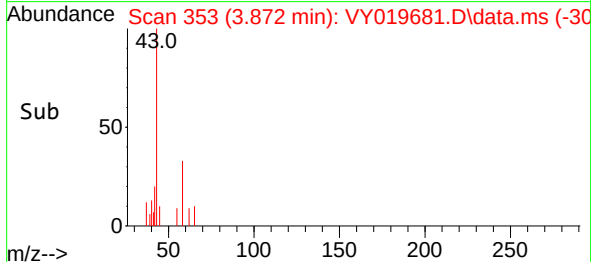
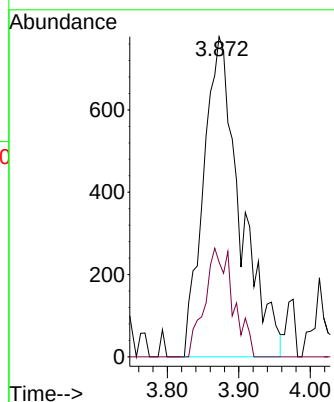
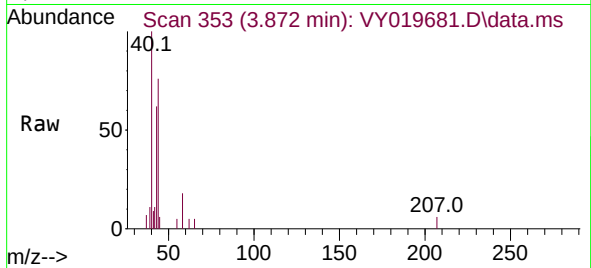




#16
Acetone
Concen: 3.810 ug/l
RT: 3.872 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY019681.D
Acq: 24 Sep 2024 14:44

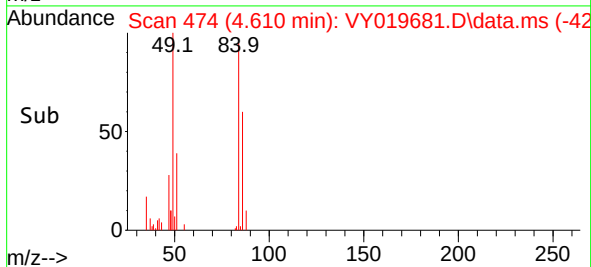
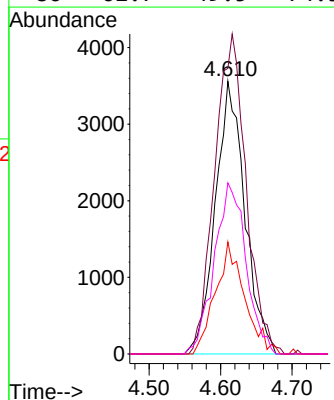
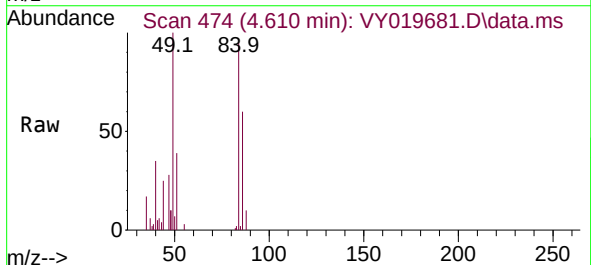
Instrument :
MSVOA_Y
ClientSampleId :

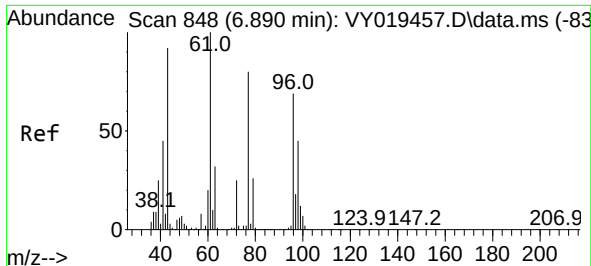
Tgt Ion: 43 Resp: 2782
Ion Ratio Lower Upper
43 100
58 29.6 31.7 47.5#



#20
Methylene Chloride
Concen: 3.072 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY019681.D
Acq: 24 Sep 2024 14:44

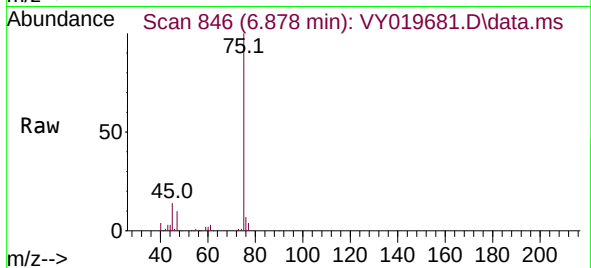
Tgt Ion: 84 Resp: 10231
Ion Ratio Lower Upper
84 100
49 104.7 84.4 126.6
51 41.1 26.0 39.0#
86 62.7 49.5 74.3



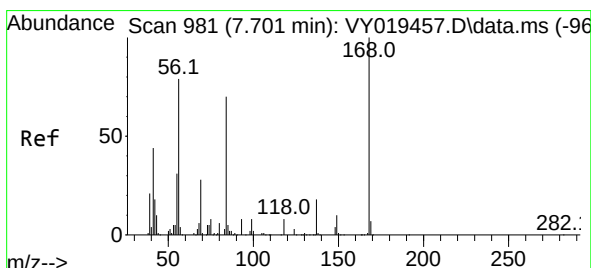
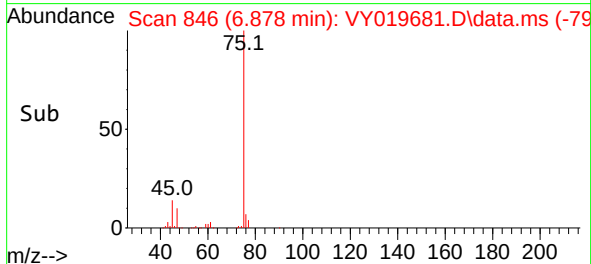
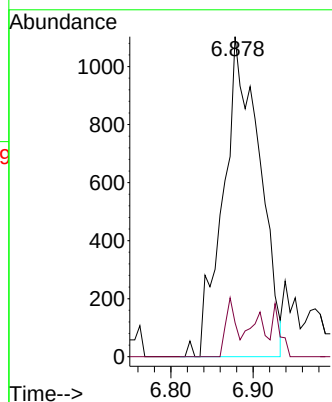


#25
2-Butanone
Concen: 3.270 ug/l
RT: 6.878 min Scan# 848
Delta R.T. -0.012 min
Lab File: VY019681.D
Acq: 24 Sep 2024 14:44

Instrument :
MSVOA_Y
ClientSampleId :

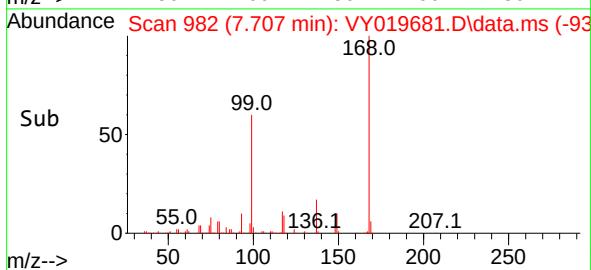
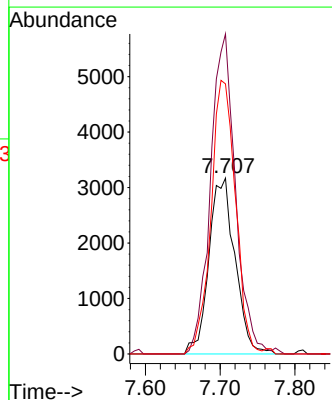
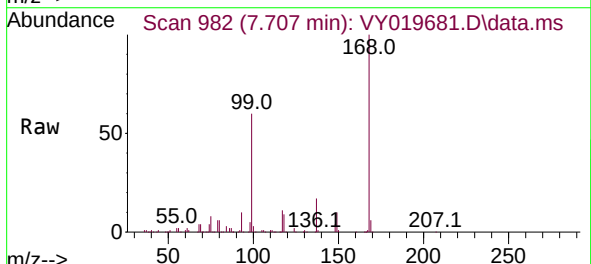


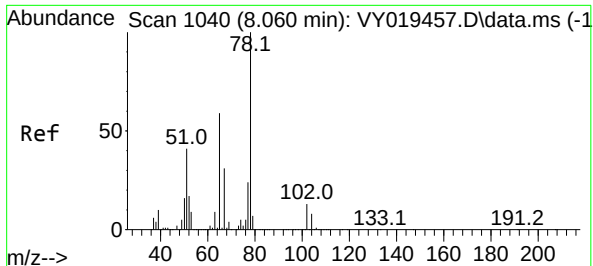
Tgt Ion: 43 Resp: 3396
Ion Ratio Lower Upper
43 100
72 10.6 27.3 40.9#



#31
Cyclohexane
Concen: 1.406 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY019681.D
Acq: 24 Sep 2024 14:44

Tgt Ion: 56 Resp: 7711
Ion Ratio Lower Upper
56 100
69 182.0 28.7 43.1#
84 153.6 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 61.109 ug/l

RT: 8.061 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY019681.D

Acq: 24 Sep 2024 14:44

Instrument :

MSVOA_Y

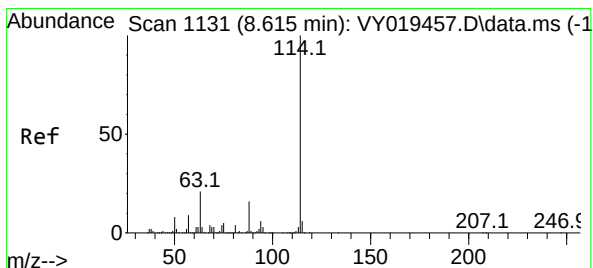
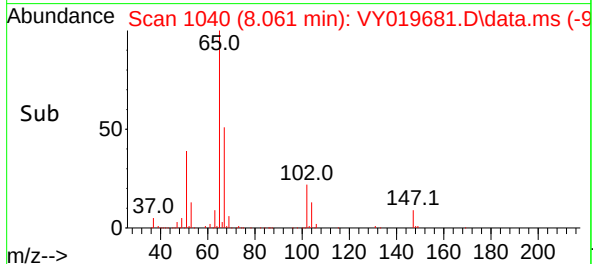
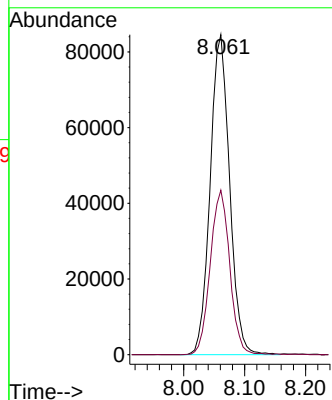
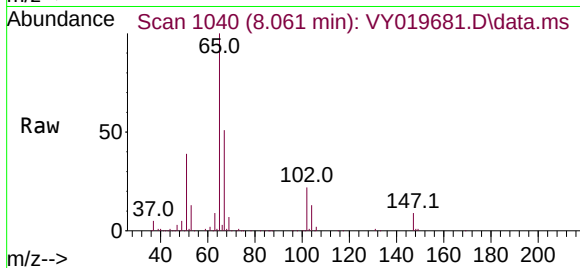
ClientSampleId :

Tgt Ion: 65 Resp: 187294

Ion Ratio Lower Upper

65 100

67 51.7 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: VY019681.D

Acq: 24 Sep 2024 14:44

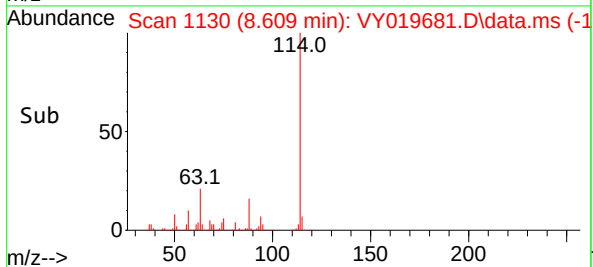
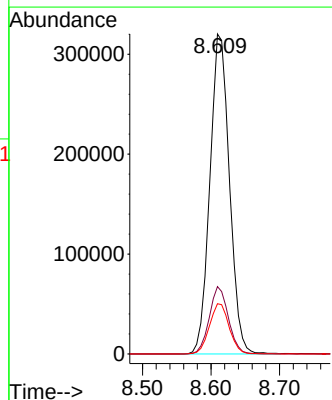
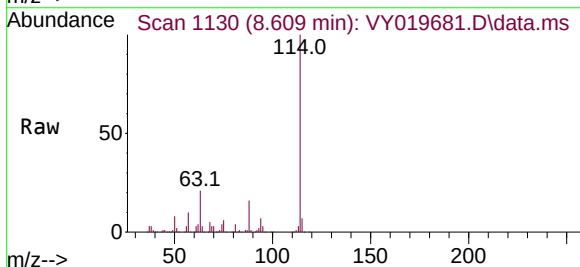
Tgt Ion: 114 Resp: 634784

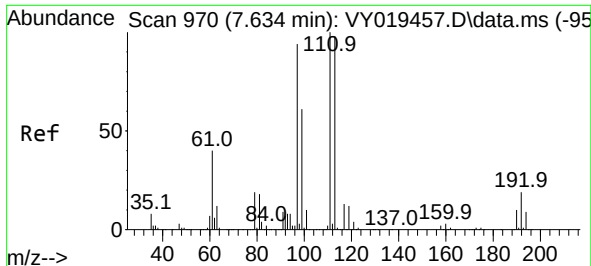
Ion Ratio Lower Upper

114 100

63 21.1 0.0 35.0

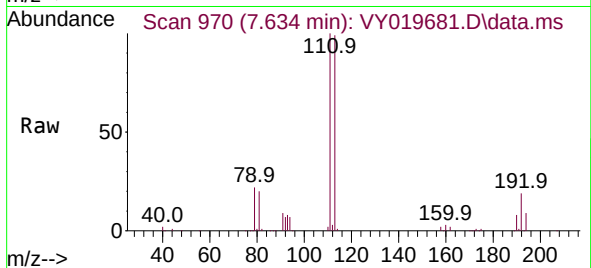
88 15.7 0.0 27.2



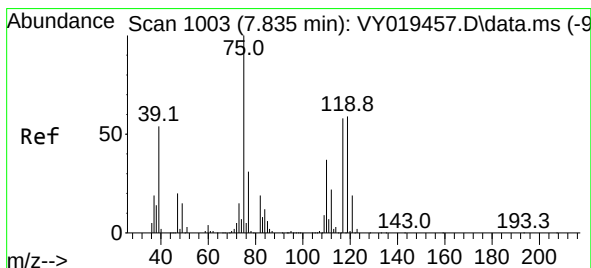
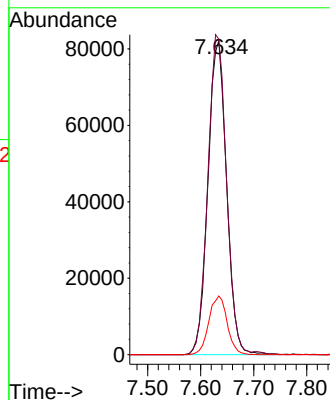
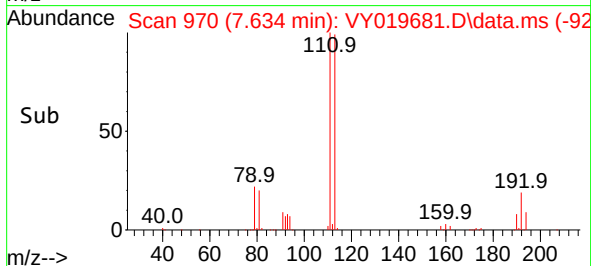


#35
Dibromofluoromethane
Concen: 55.714 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019681.D
Acq: 24 Sep 2024 14:44

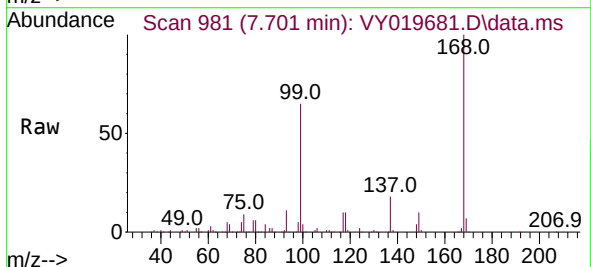
Instrument :
MSVOA_Y
ClientSampleId :



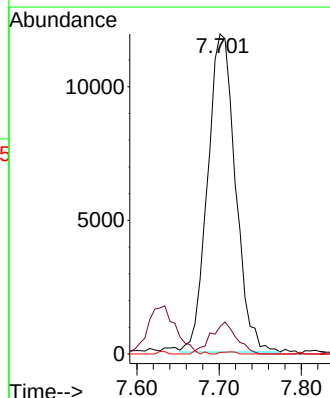
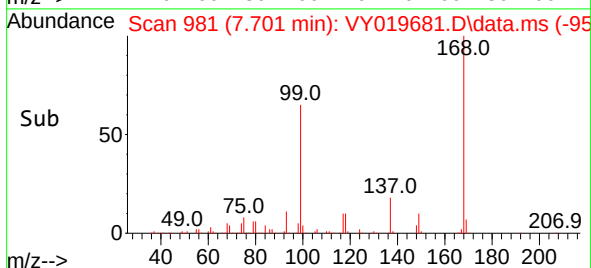
Tgt Ion:113 Resp: 200519
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.4
192 18.4 15.9 23.9

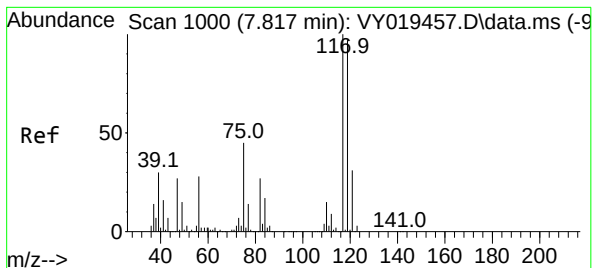


#36
1,1-Dichloropropene
Concen: 5.730 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.134 min
Lab File: VY019681.D
Acq: 24 Sep 2024 14:44



Tgt Ion: 75 Resp: 28062
Ion Ratio Lower Upper
75 100
110 9.0 19.0 57.0#
77 0.4 25.3 37.9#





#38

Carbon Tetrachloride

Concen: 6.487 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.110 min

Lab File: VY019681.D

Acq: 24 Sep 2024 14:44

Instrument :

MSVOA_Y

ClientSampleId :

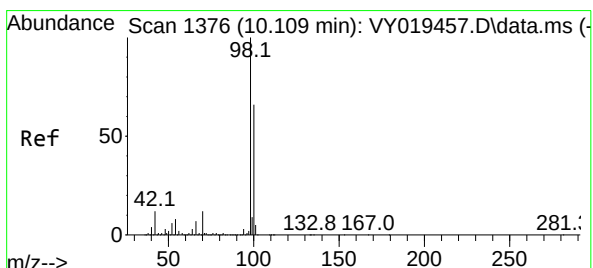
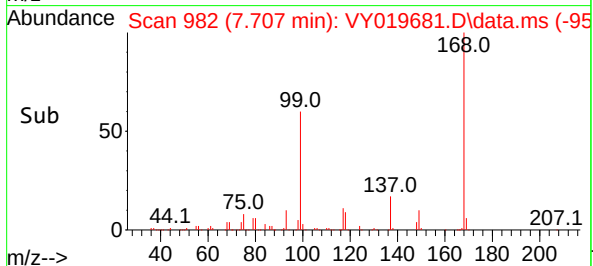
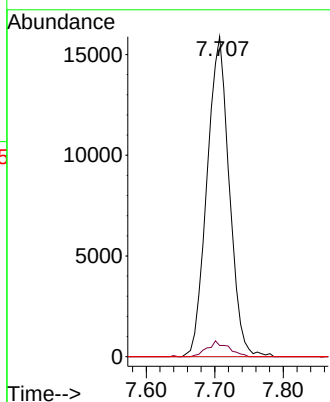
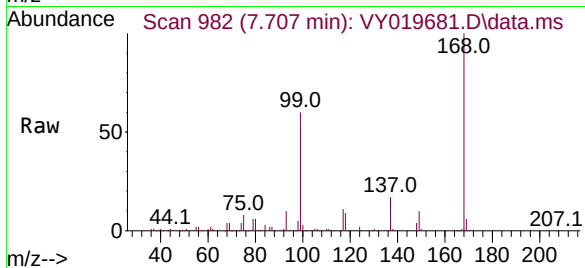
Tgt Ion:117 Resp: 35826

Ion Ratio Lower Upper

117 100

119 3.5 75.8 113.6#

121 0.0 24.0 36.0#



#50

Toluene-d8

Concen: 56.555 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019681.D

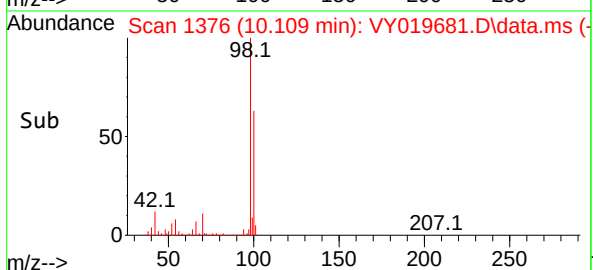
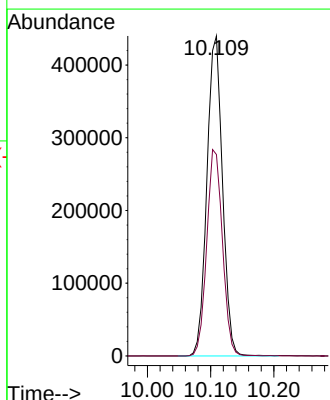
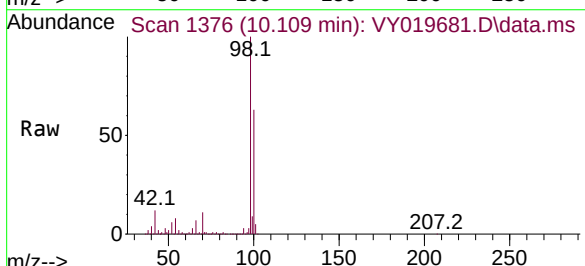
Acq: 24 Sep 2024 14:44

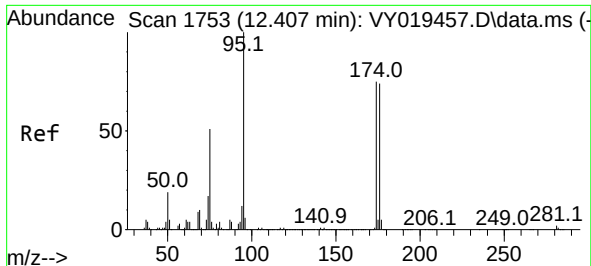
Tgt Ion: 98 Resp: 752872

Ion Ratio Lower Upper

98 100

100 65.2 52.0 78.0

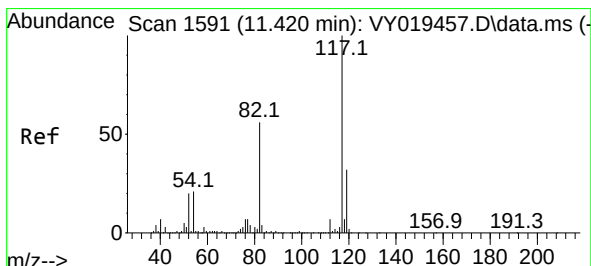
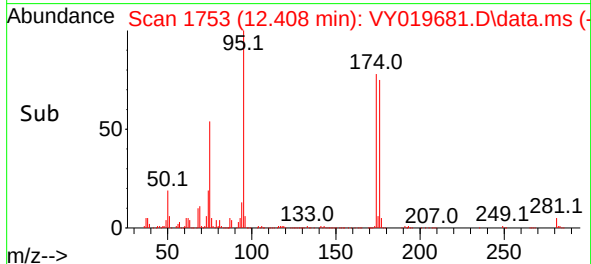
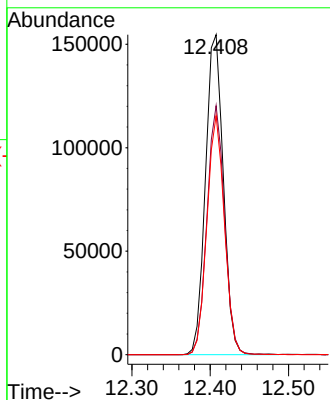
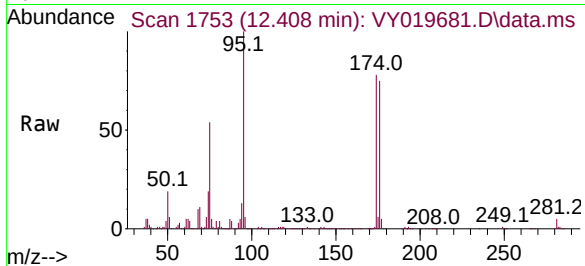




#62
4-Bromofluorobenzene
Concen: 47.796 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019681.D
Acq: 24 Sep 2024 14:44

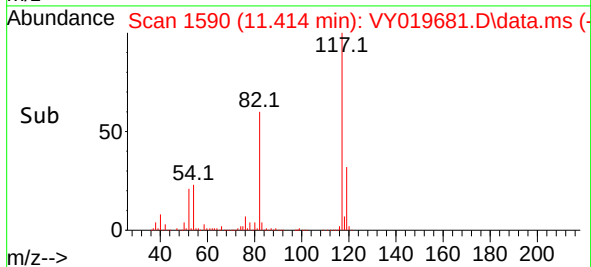
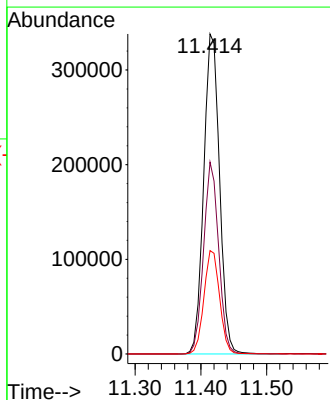
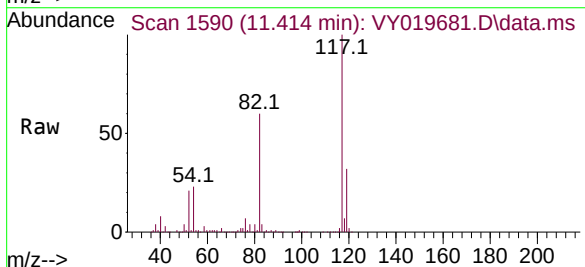
Instrument :
MSVOA_Y
ClientSampleId :

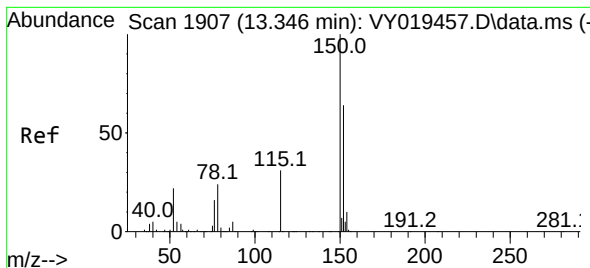
Tgt Ion: 95 Resp: 244653
Ion Ratio Lower Upper
95 100
174 76.4 0.0 175.6
176 73.1 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019681.D
Acq: 24 Sep 2024 14:44

Tgt Ion: 117 Resp: 566572
Ion Ratio Lower Upper
117 100
82 59.9 42.4 63.6
119 32.3 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: VY019681.D

Acq: 24 Sep 2024 14:44

Instrument :

MSVOA_Y

ClientSampleId :

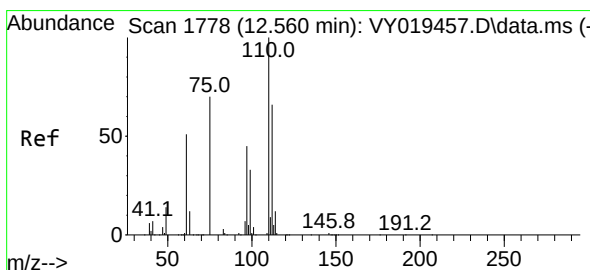
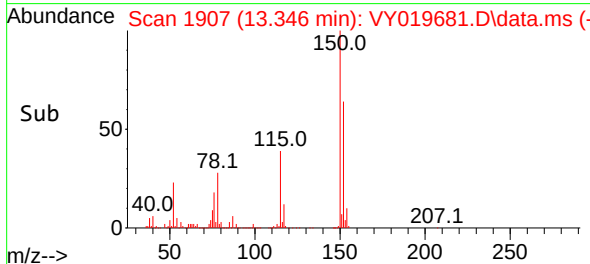
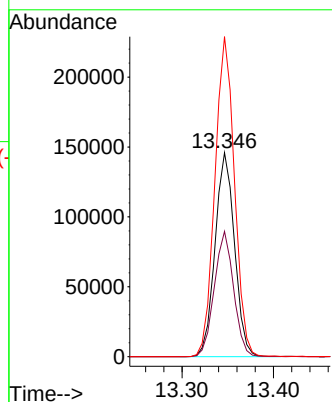
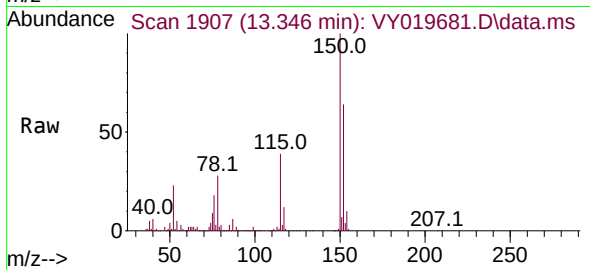
Tgt Ion:152 Resp: 215983

Ion Ratio Lower Upper

152 100

115 60.9 28.2 84.7

150 157.7 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 65.153 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY019681.D

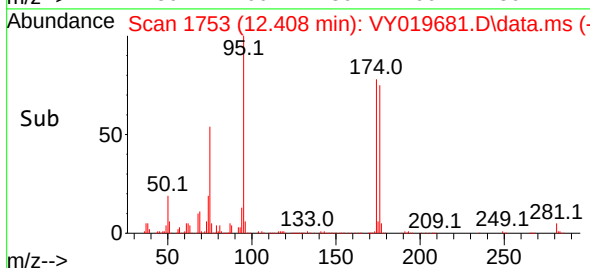
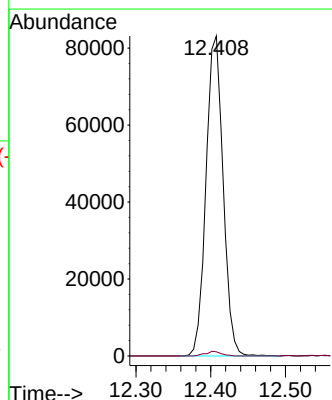
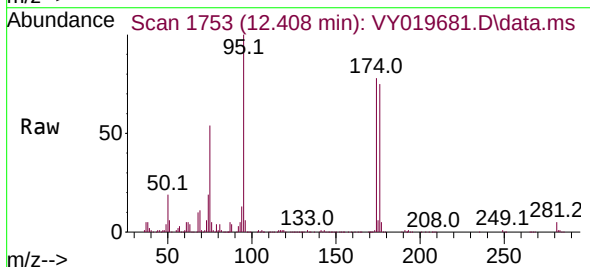
Acq: 24 Sep 2024 14:44

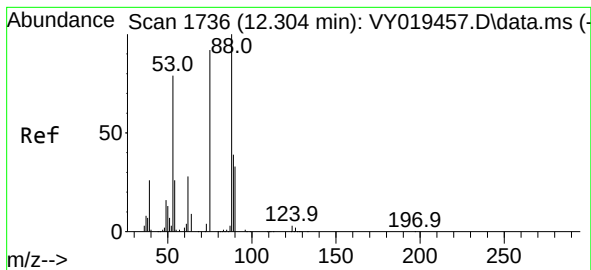
Tgt Ion: 75 Resp: 131894

Ion Ratio Lower Upper

75 100

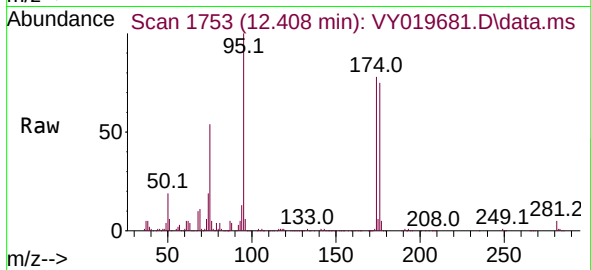
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 125.074 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY019681.D
 Acq: 24 Sep 2024 14:44

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 131894
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.1 35.8 53.6#

