

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092424\
 Data File : VY019680.D
 Acq On : 24 Sep 2024 14:21
 Operator : SY/MD
 Sample : P4150--01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 25 01:25:00 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)

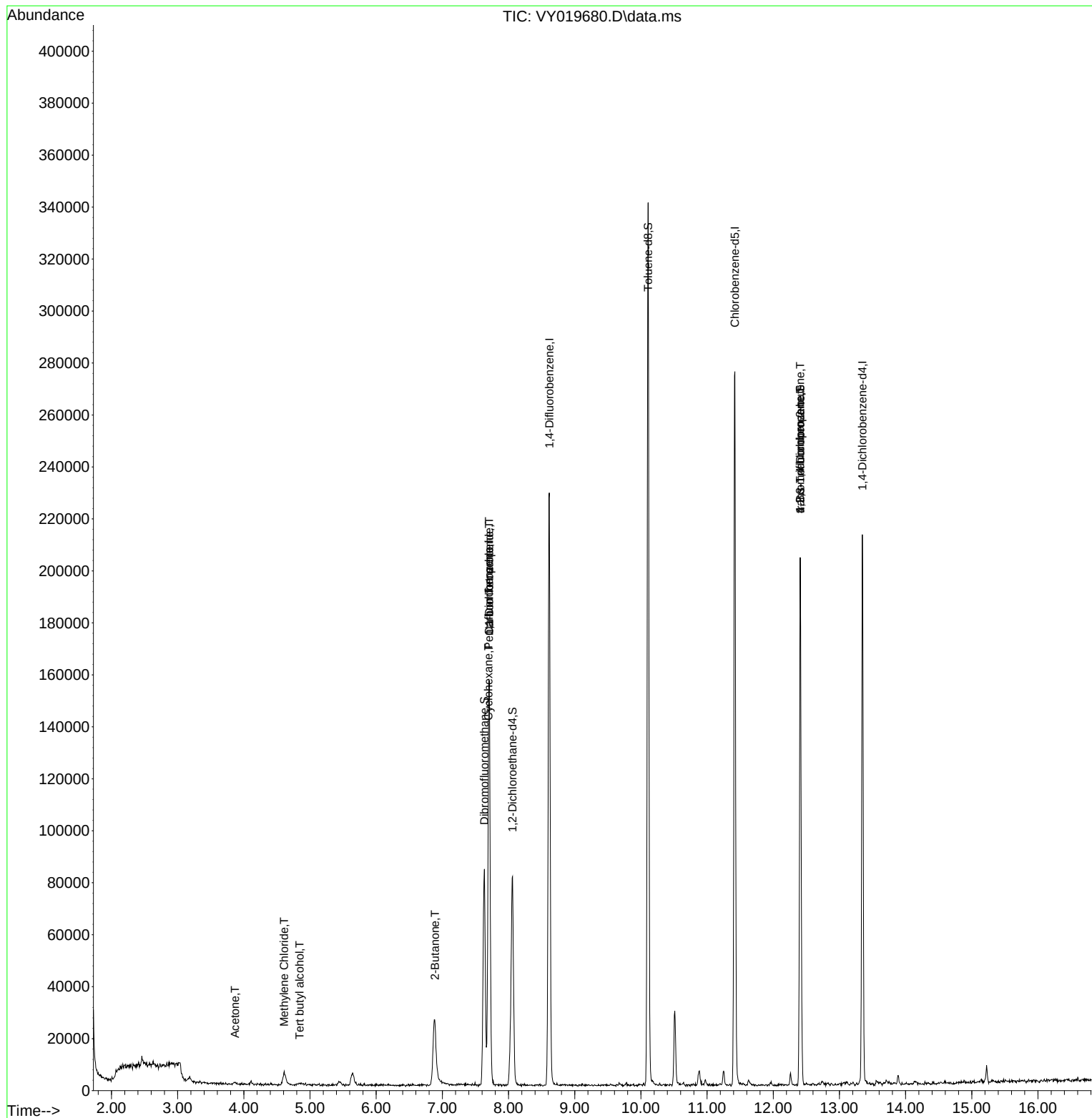
Internal Standards						
1) Pentafluorobenzene	7.701	168	116512	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	198098	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	150070	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	50634	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	55272	51.231	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.460%	
35) Dibromofluoromethane	7.634	113	59450	52.930	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.860%	
50) Toluene-d8	10.109	98	219820	52.913	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.820%	
62) 4-Bromofluorobenzene	12.408	95	61540	38.525	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 77.060%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.861	85	25	Below Cal	#	43
11) Tert butyl alcohol	4.842	59	596	6.841	ug/l #	88
13) Acrolein	3.665	56	34	Below Cal	#	1
16) Acetone	3.866	43	1431	5.568	ug/l #	82
20) Methylene Chloride	4.610	84	3225	2.751	ug/l	93
25) 2-Butanone	6.890	43	1708	4.672	ug/l #	73
31) Cyclohexane	7.695	56	2907	1.506	ug/l #	53
36) 1,1-Dichloropropene	7.707	75	11416	7.470	ug/l #	48
38) Carbon Tetrachloride	7.707	117	12361	7.172	ug/l #	15
76) 1,2,3-Trichloropropane	12.408	75	33273	70.109	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	33273	134.590	ug/l #	16

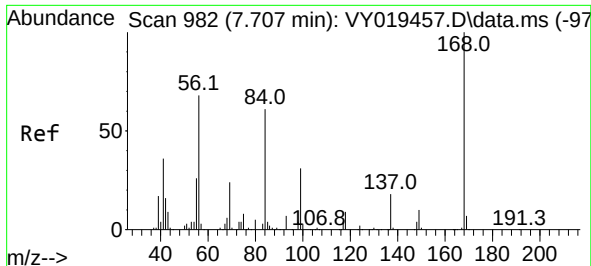
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092424\
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Quant Time: Sep 25 01:25:00 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

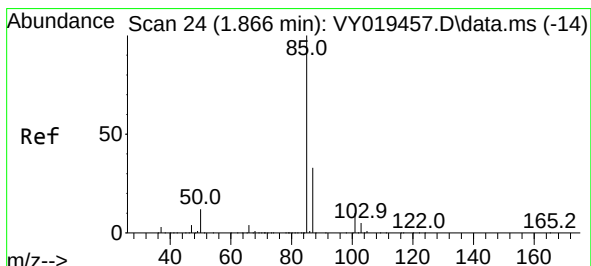
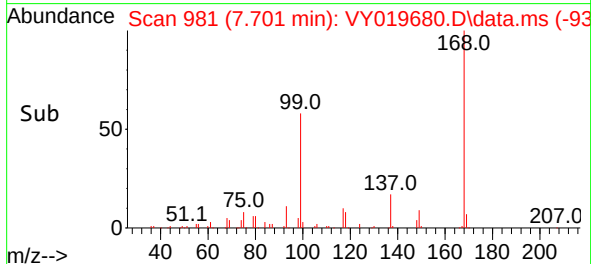
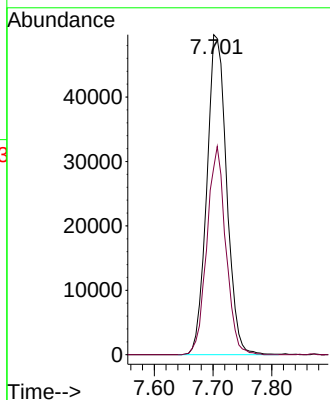
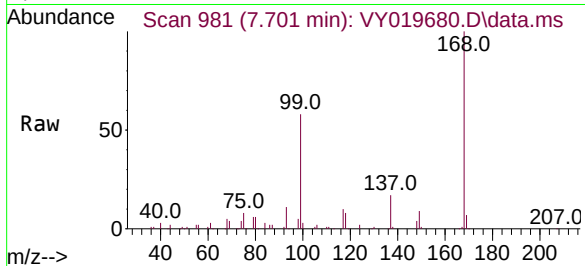




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019680.D
Acq: 24 Sep 2024 14:21

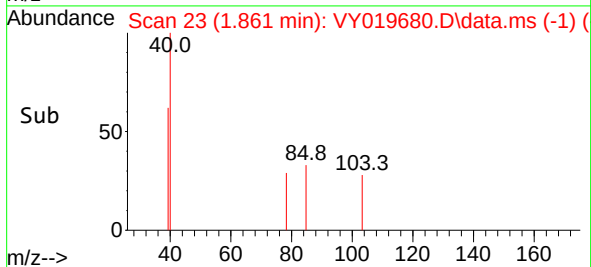
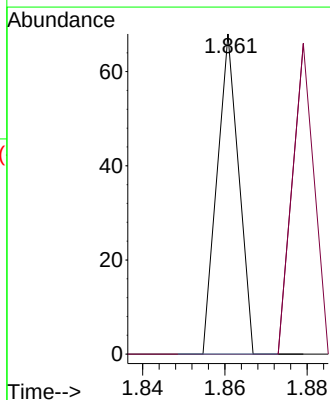
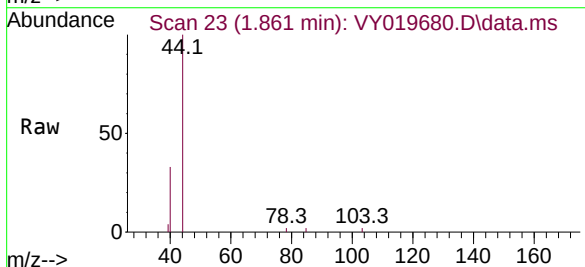
Instrument :
MSVOA_Y
ClientSampleId :

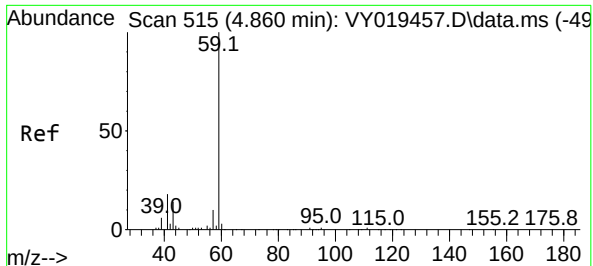
Tgt Ion:168 Resp: 116512
Ion Ratio Lower Upper
168 100
99 58.5 39.1 58.7



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.861 min Scan# 23
Delta R.T. -0.005 min
Lab File: VY019680.D
Acq: 24 Sep 2024 14:21

Tgt Ion: 85 Resp: 25
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#





#11

Tert butyl alcohol

Concen: 6.841 ug/l

RT: 4.842 min Scan# 51

Delta R.T. -0.018 min

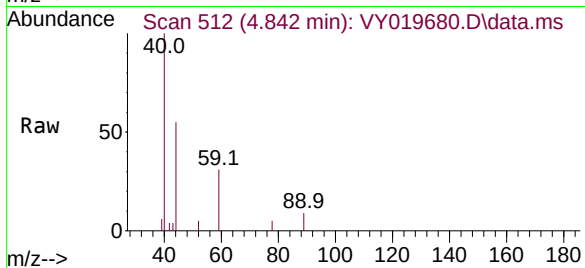
Lab File: VY019680.D

Acq: 24 Sep 2024 14:21

Instrument :

MSVOA_Y

ClientSampleId :

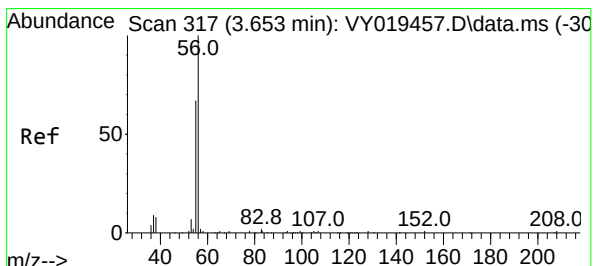
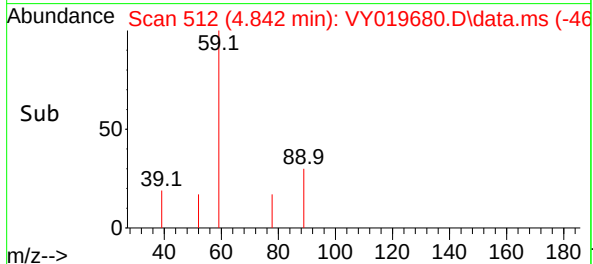
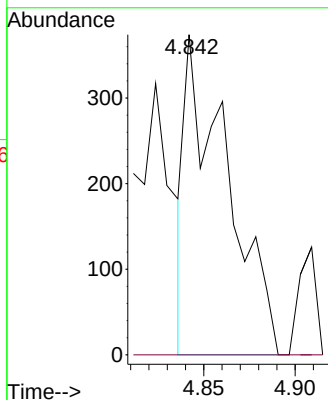


Tgt Ion: 59 Resp: 596

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#13

Acrolein

Concen: Below Cal

RT: 3.665 min Scan# 319

Delta R.T. 0.012 min

Lab File: VY019680.D

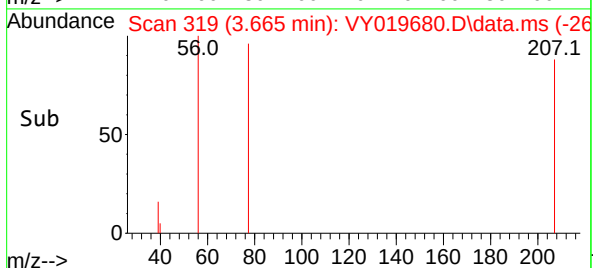
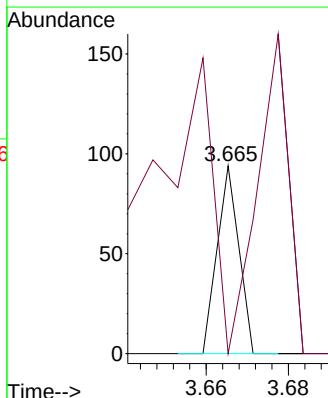
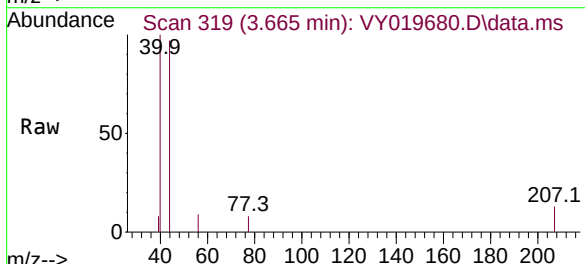
Acq: 24 Sep 2024 14:21

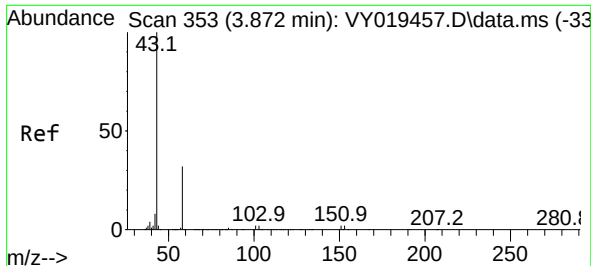
Tgt Ion: 56 Resp: 34

Ion Ratio Lower Upper

56 100

55 567.6 55.7 83.5#

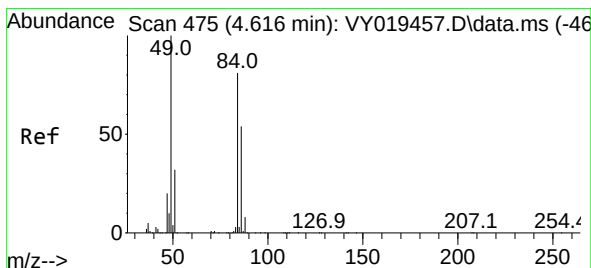
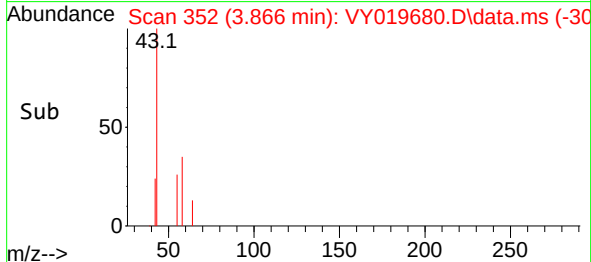
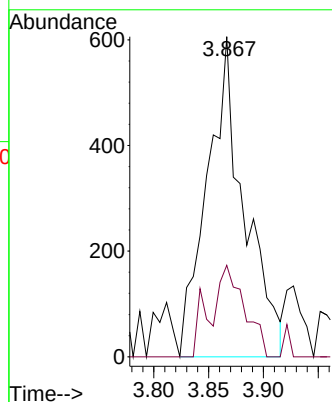
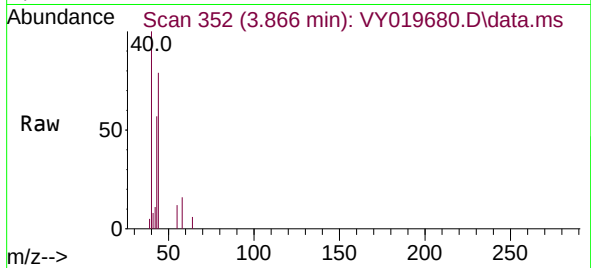




#16
Acetone
Concen: 5.568 ug/l
RT: 3.866 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY019680.D
Acq: 24 Sep 2024 14:21

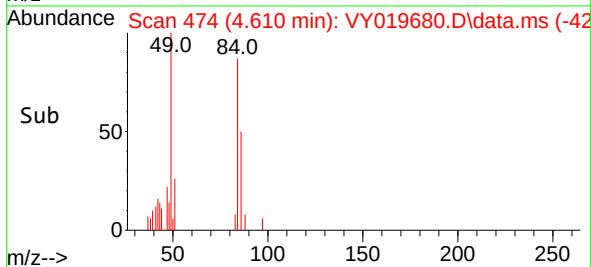
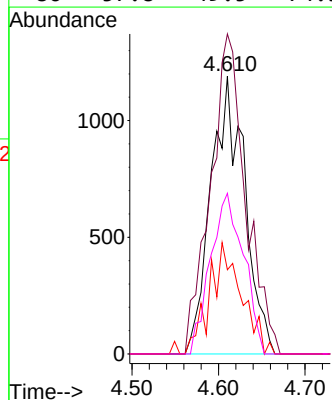
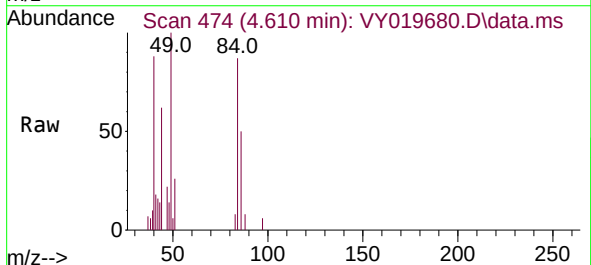
Instrument :
MSVOA_Y
ClientSampleId :

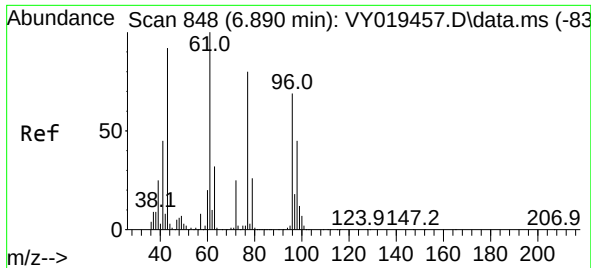
Tgt Ion: 43 Resp: 1431
Ion Ratio Lower Upper
43 100
58 28.5 31.7 47.5#



#20
Methylene Chloride
Concen: 2.751 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY019680.D
Acq: 24 Sep 2024 14:21

Tgt Ion: 84 Resp: 3225
Ion Ratio Lower Upper
84 100
49 115.2 84.4 126.6
51 30.3 26.0 39.0
86 57.8 49.5 74.3

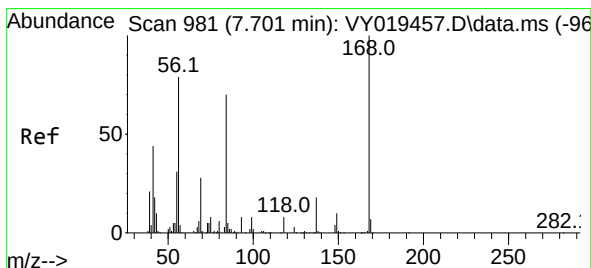
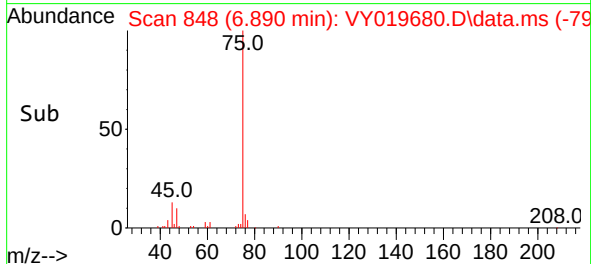
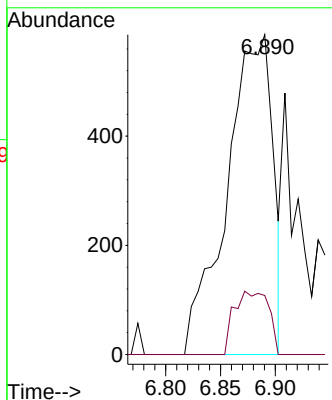
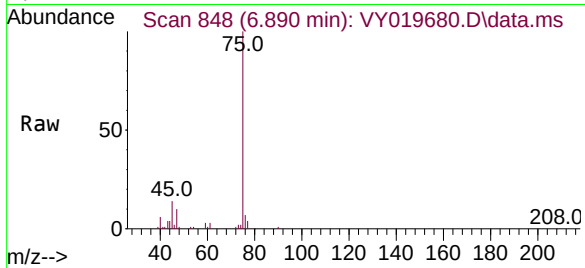




#25
2-Butanone
Concen: 4.672 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY019680.D
Acq: 24 Sep 2024 14:21

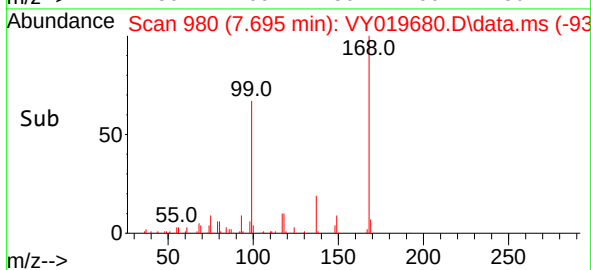
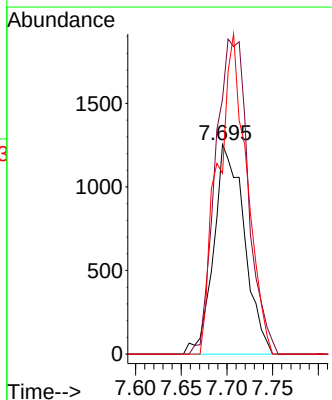
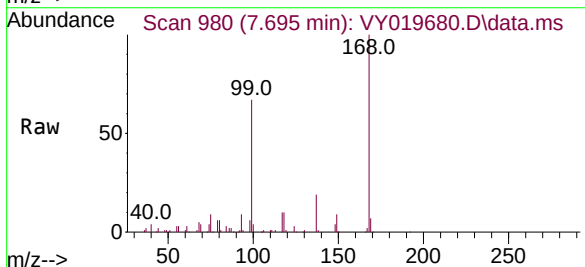
Instrument :
MSVOA_Y
ClientSampleId :

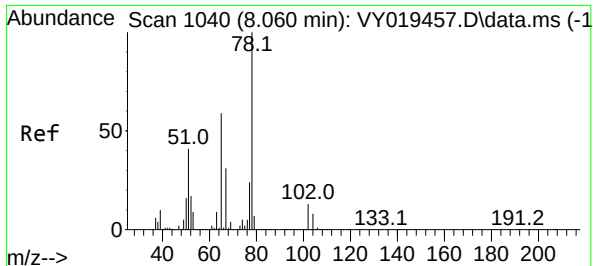
Tgt Ion: 43 Resp: 1708
Ion Ratio Lower Upper
43 100
72 18.4 27.3 40.9#



#31
Cyclohexane
Concen: 1.506 ug/l
RT: 7.695 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY019680.D
Acq: 24 Sep 2024 14:21

Tgt Ion: 56 Resp: 2907
Ion Ratio Lower Upper
56 100
69 121.7 28.7 43.1#
84 86.2 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 51.231 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY019680.D

Acq: 24 Sep 2024 14:21

Instrument :

MSVOA_Y

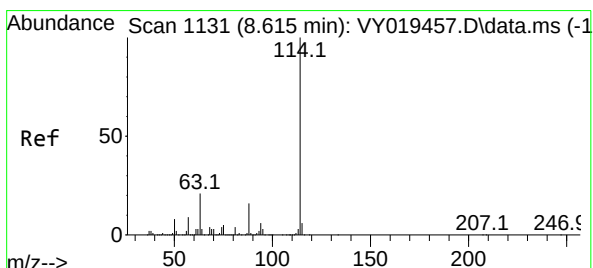
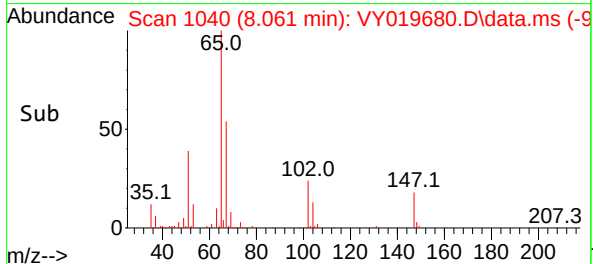
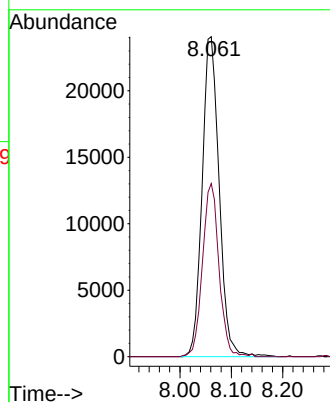
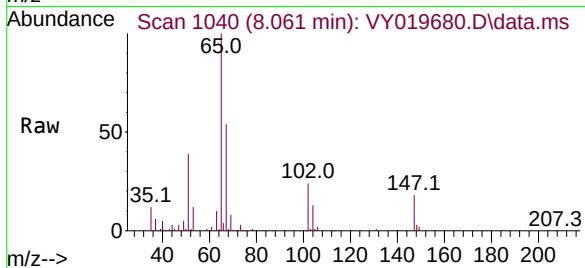
ClientSampleId :

Tgt Ion: 65 Resp: 55272

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: VY019680.D

Acq: 24 Sep 2024 14:21

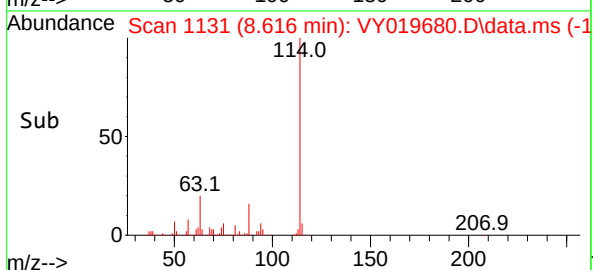
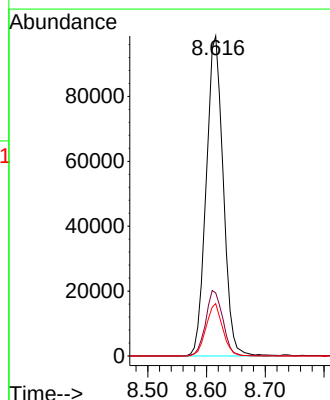
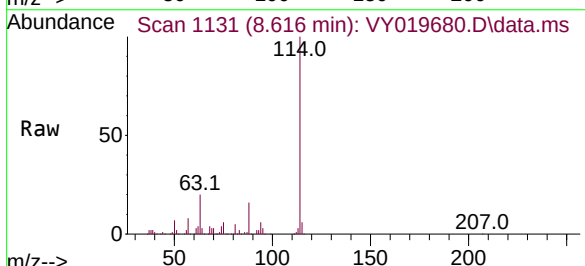
Tgt Ion: 114 Resp: 198098

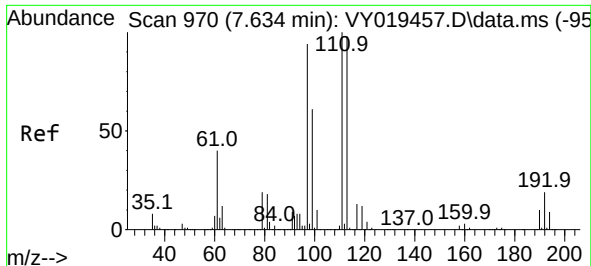
Ion Ratio Lower Upper

114 100

63 19.7 0.0 35.0

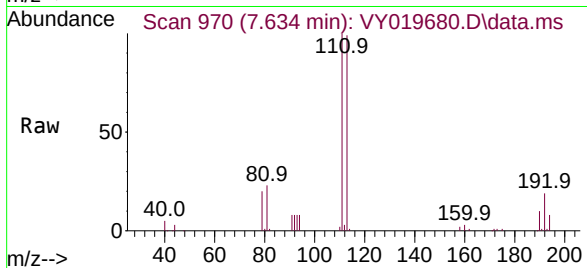
88 16.3 0.0 27.2



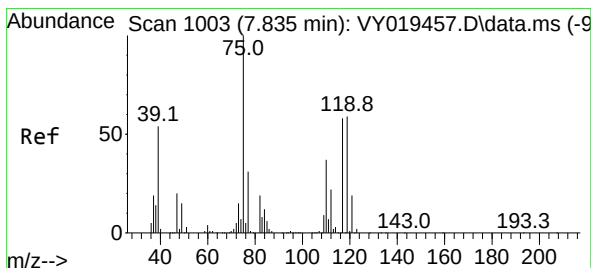
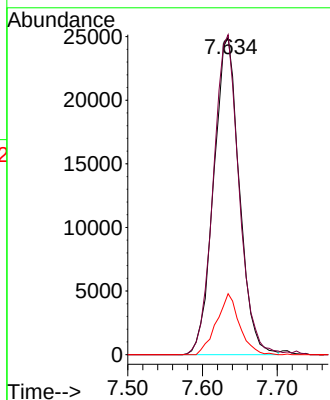
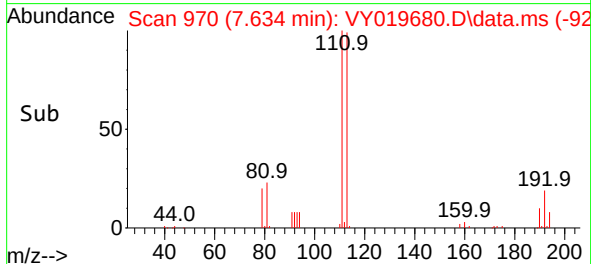


#35
Dibromofluoromethane
Concen: 52.930 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019680.D
Acq: 24 Sep 2024 14:21

Instrument :
MSVOA_Y
ClientSampleId :

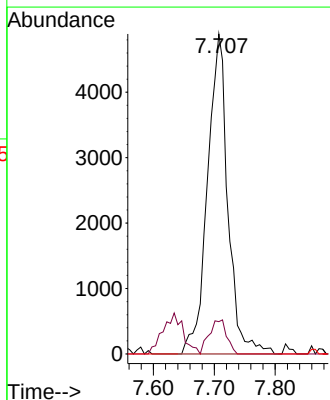
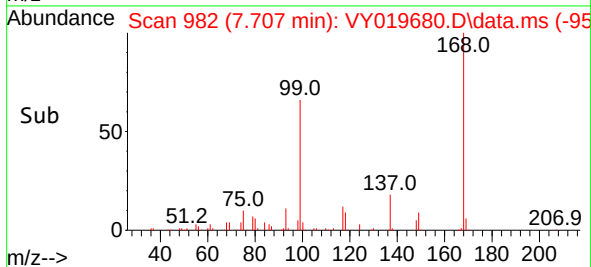
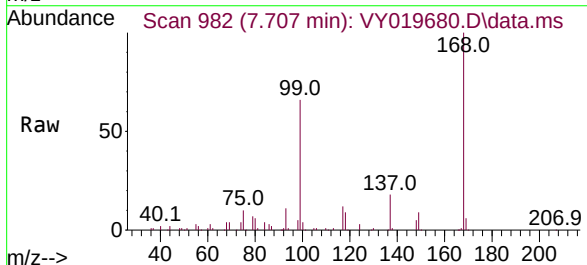


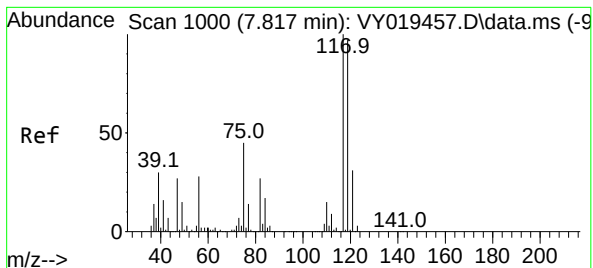
Tgt Ion:113 Resp: 59450
Ion Ratio Lower Upper
113 100
111 101.5 82.2 123.4
192 17.2 15.9 23.9



#36
1,1-Dichloropropene
Concen: 7.470 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY019680.D
Acq: 24 Sep 2024 14:21

Tgt Ion: 75 Resp: 11416
Ion Ratio Lower Upper
75 100
110 9.1 19.0 57.0#
77 0.0 25.3 37.9#





#38

Carbon Tetrachloride

Concen: 7.172 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.109 min

Lab File: VY019680.D

Acq: 24 Sep 2024 14:21

Instrument :

MSVOA_Y

ClientSampleId :

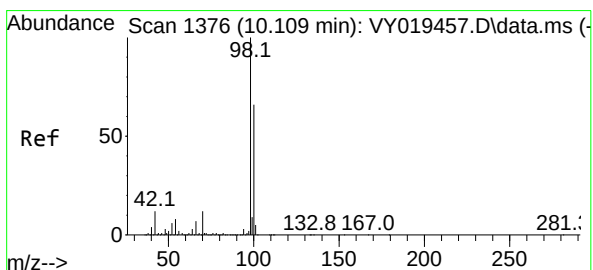
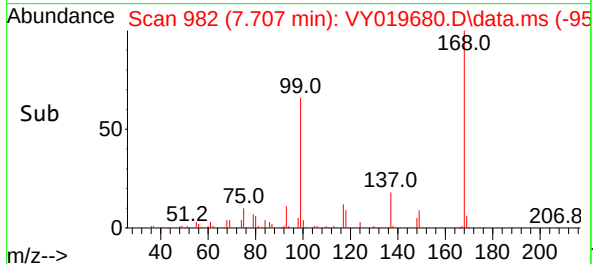
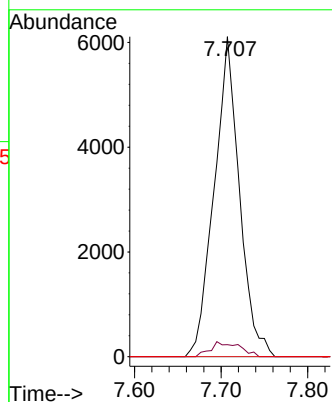
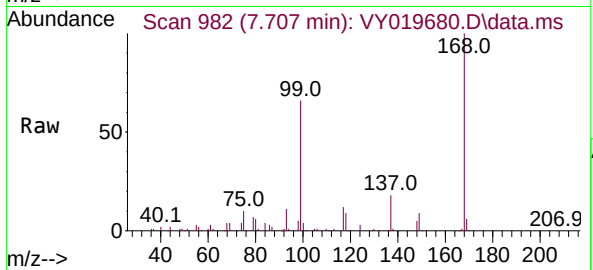
Tgt Ion:117 Resp: 12361

Ion Ratio Lower Upper

117 100

119 3.8 75.8 113.6#

121 0.0 24.0 36.0#



#50

Toluene-d8

Concen: 52.913 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019680.D

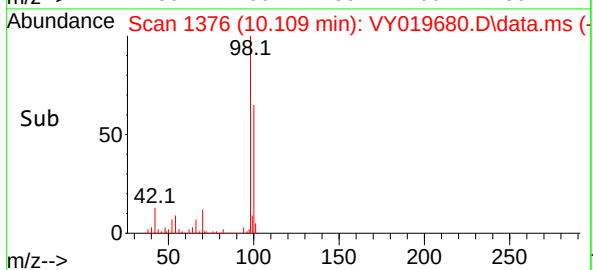
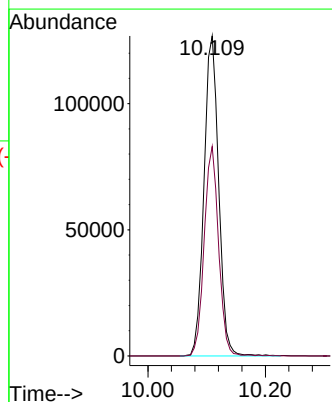
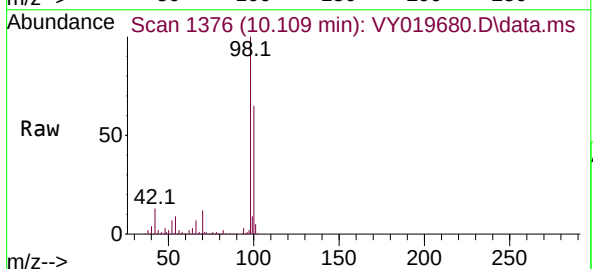
Acq: 24 Sep 2024 14:21

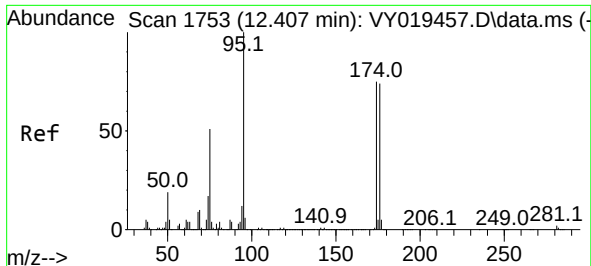
Tgt Ion: 98 Resp: 219820

Ion Ratio Lower Upper

98 100

100 64.2 52.0 78.0

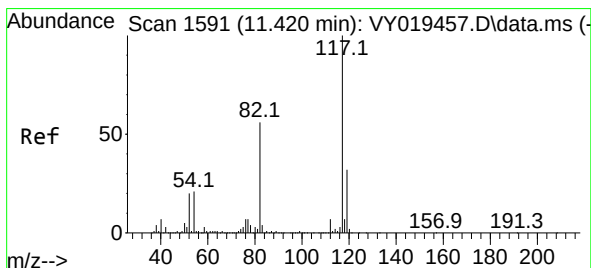
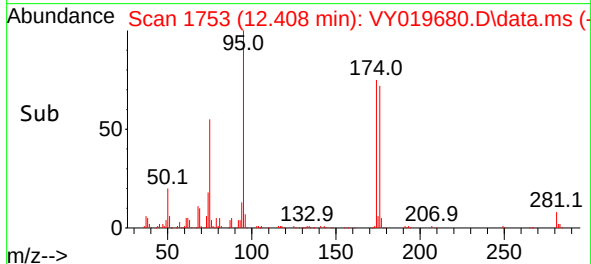
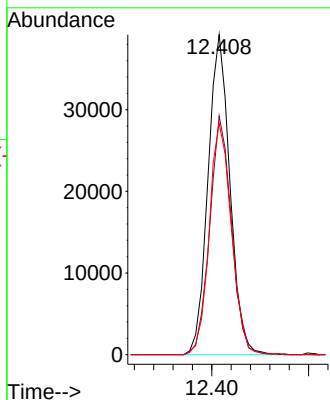
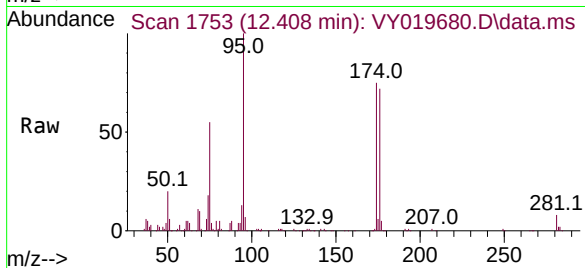




#62
4-Bromofluorobenzene
Concen: 38.525 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019680.D
Acq: 24 Sep 2024 14:21

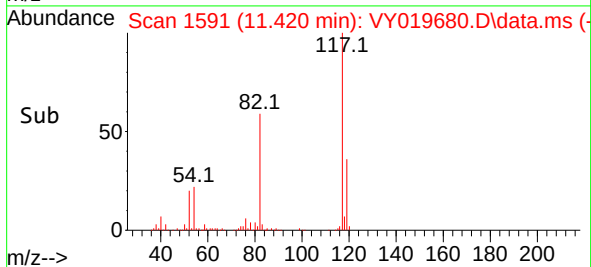
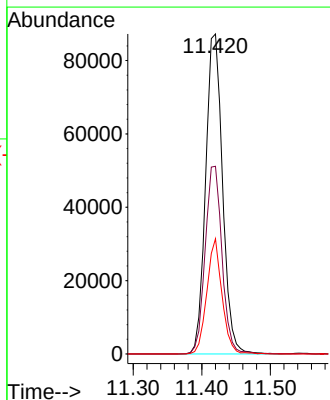
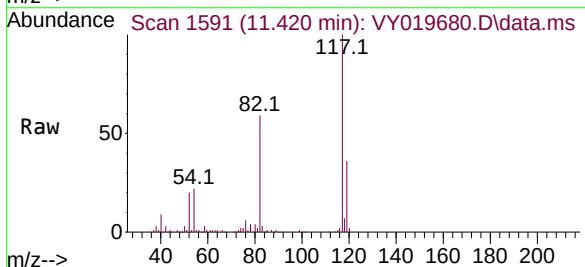
Instrument :
MSVOA_Y
ClientSampleId :

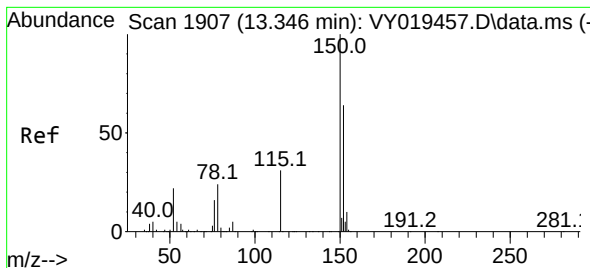
Tgt Ion: 95 Resp: 61540
Ion Ratio Lower Upper
95 100
174 74.3 0.0 175.6
176 73.1 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY019680.D
Acq: 24 Sep 2024 14:21

Tgt Ion: 117 Resp: 150070
Ion Ratio Lower Upper
117 100
82 58.7 42.4 63.6
119 36.0 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: VY019680.D

Acq: 24 Sep 2024 14:21

Instrument :

MSVOA_Y

ClientSampleId :

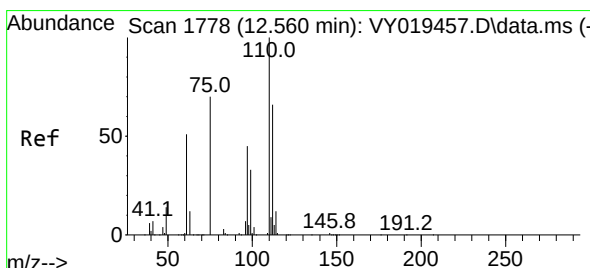
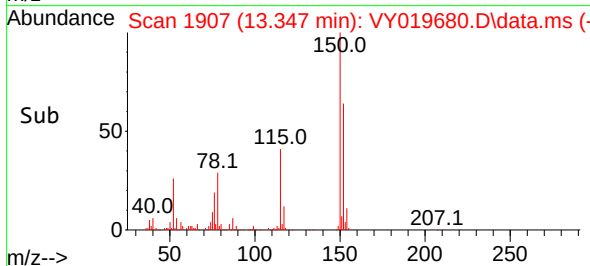
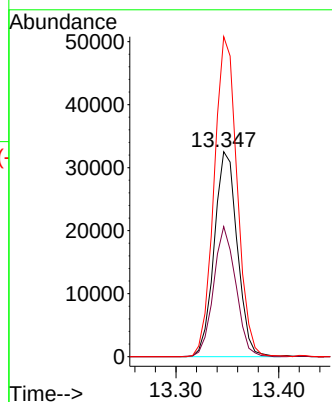
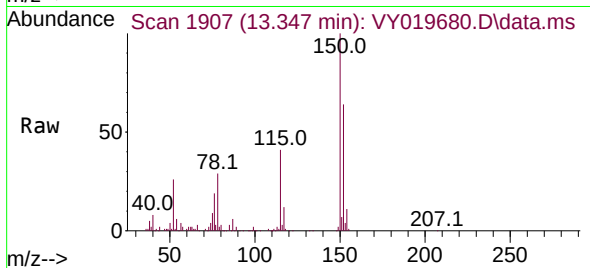
Tgt Ion:152 Resp: 50634

Ion Ratio Lower Upper

152 100

115 61.0 28.2 84.7

150 155.5 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 70.109 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY019680.D

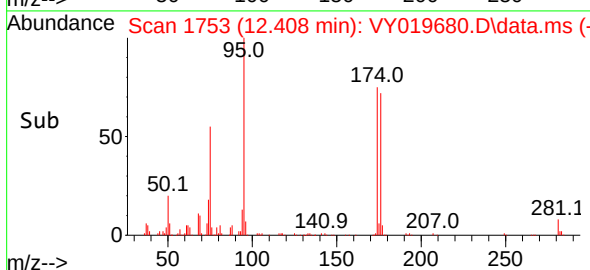
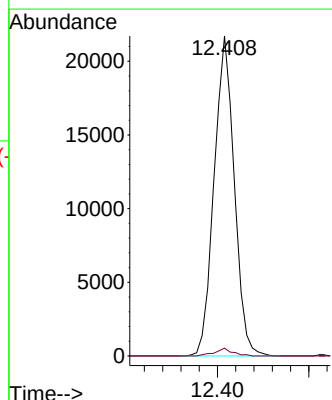
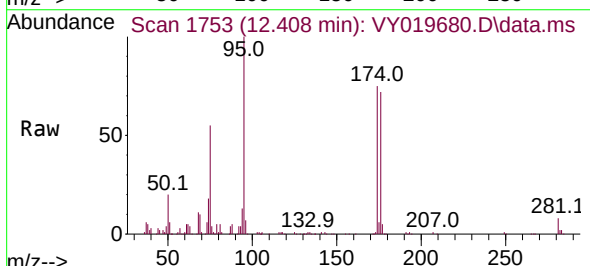
Acq: 24 Sep 2024 14:21

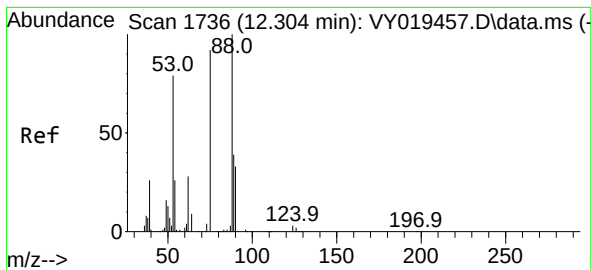
Tgt Ion: 75 Resp: 33273

Ion Ratio Lower Upper

75 100

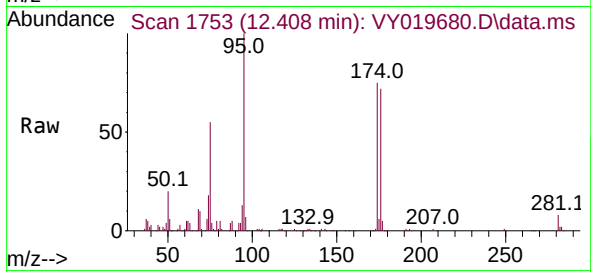
77 2.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 134.590 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY019680.D
 Acq: 24 Sep 2024 14:21

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 33273
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.2 35.8 53.6#

