

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092624\
 Data File : VY019709.D
 Acq On : 26 Sep 2024 13:28
 Operator : SY/MD
 Sample : P4192-01
 Misc : 5.75g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 27 02:01:25 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)

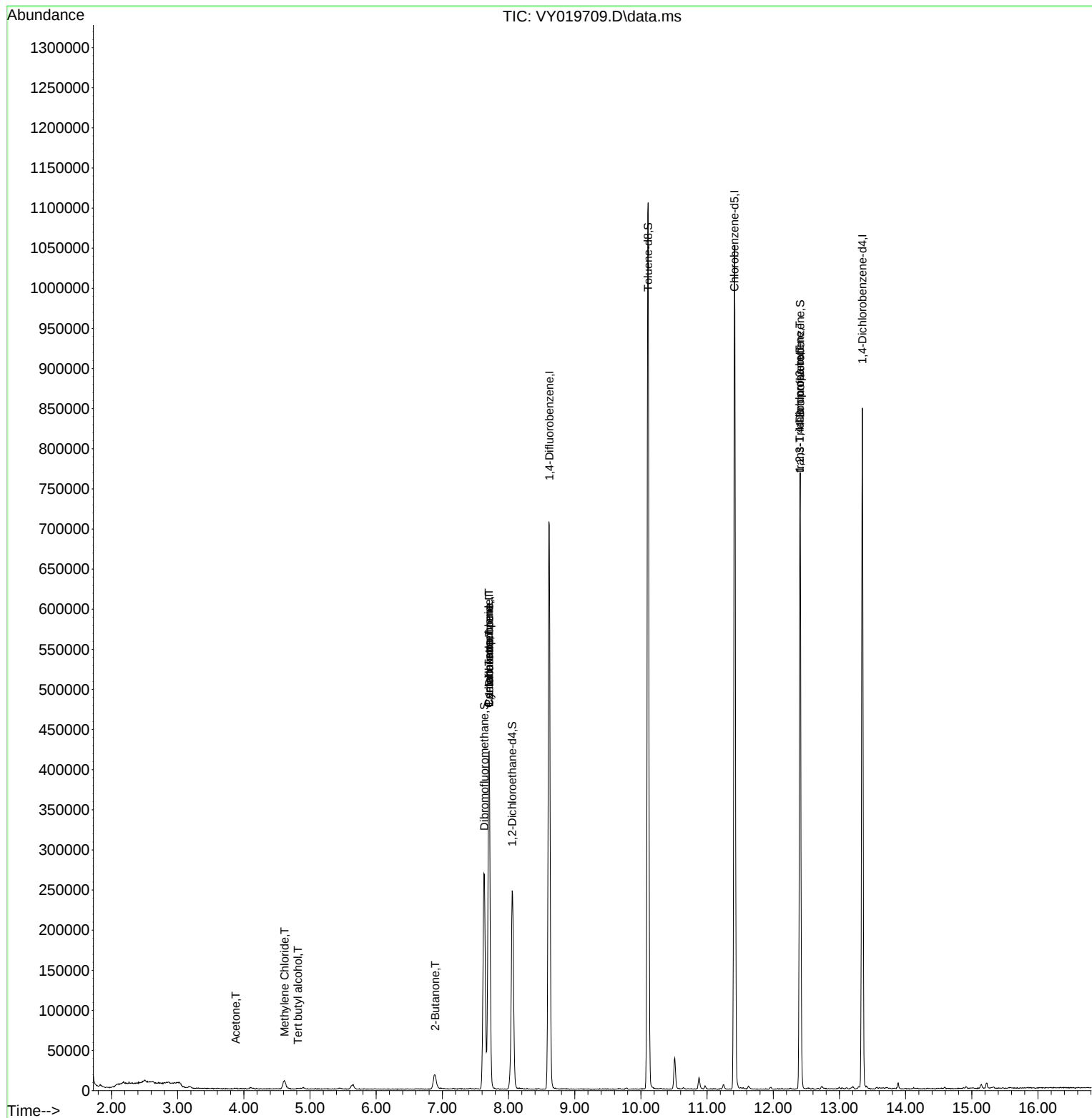
Internal Standards						
1) Pentafluorobenzene	7.707	168	315951	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	613025	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	545846	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	199197	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	193259	66.057	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.120%	
35) Dibromofluoromethane	7.634	113	193949	55.801	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.600%	
50) Toluene-d8	10.109	98	722267	56.182	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.360%	
62) 4-Bromofluorobenzene	12.408	95	233573	47.251	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 94.500%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	117	Below Cal	#	43
11) Tert butyl alcohol	4.818	59	448	1.896	ug/l #	88
13) Acrolein	3.653	56	27	Below Cal	#	1
16) Acetone	3.879	43	1555	2.231	ug/l #	79
20) Methylene Chloride	4.616	84	7379	2.321	ug/l #	92
25) 2-Butanone	6.890	43	1495	1.508	ug/l #	41
31) Cyclohexane	7.707	56	7919	1.512	ug/l #	2
36) 1,1-Dichloropropene	7.707	75	26883	5.684	ug/l #	49
38) Carbon Tetrachloride	7.701	117	33631	6.306	ug/l #	15
76) 1,2,3-Trichloropropane	12.402	75	128519	68.835	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	128519	132.144	ug/l #	16

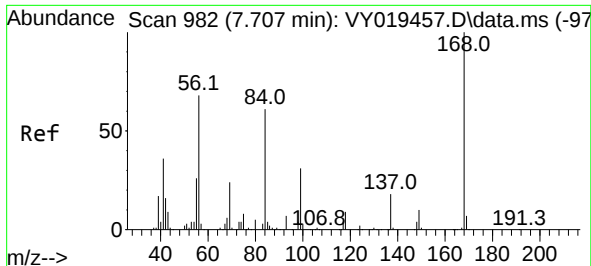
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 27 02:01:25 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

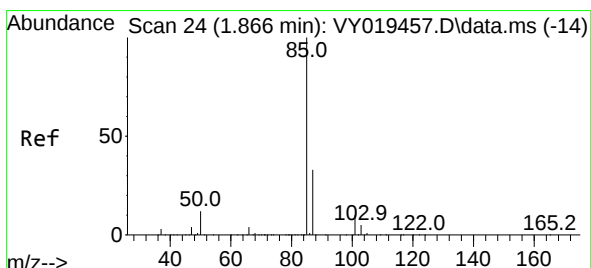
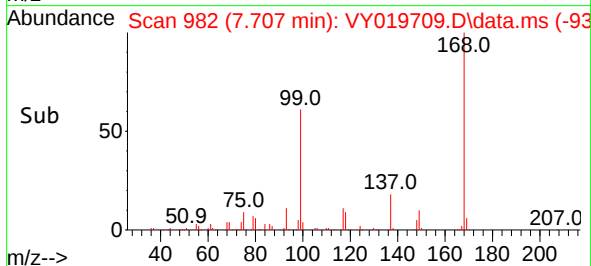
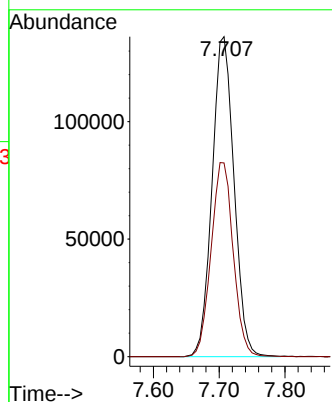
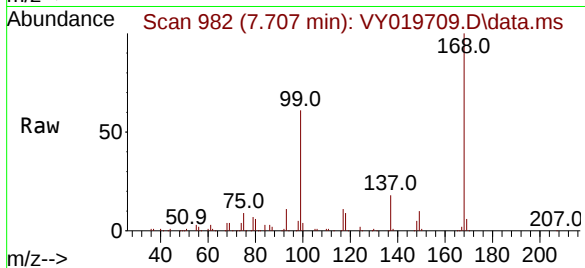




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019709.D
Acq: 26 Sep 2024 13:28

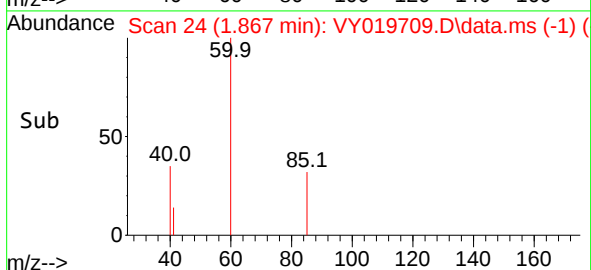
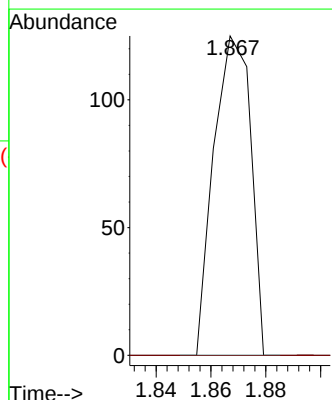
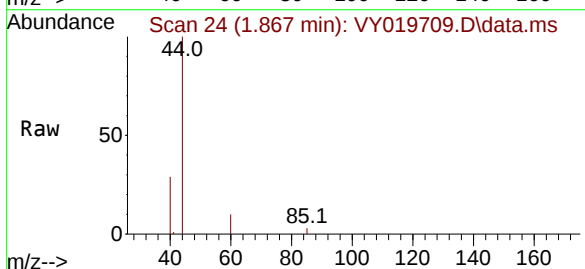
Instrument :
MSVOA_Y
ClientSampleId :

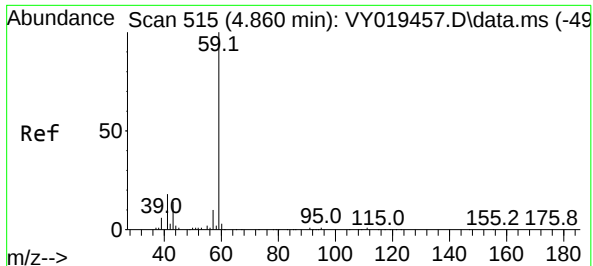
Tgt Ion:168 Resp: 315951
Ion Ratio Lower Upper
168 100
99 60.6 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019709.D
Acq: 26 Sep 2024 13:28

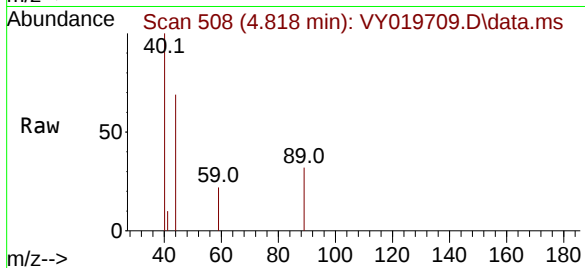
Tgt Ion: 85 Resp: 117
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#



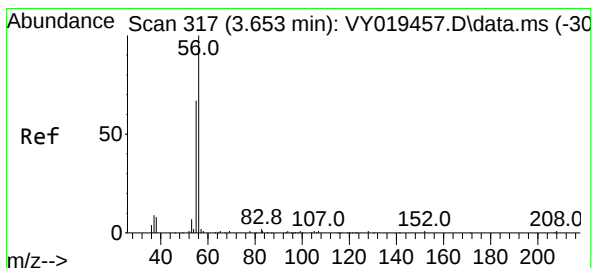
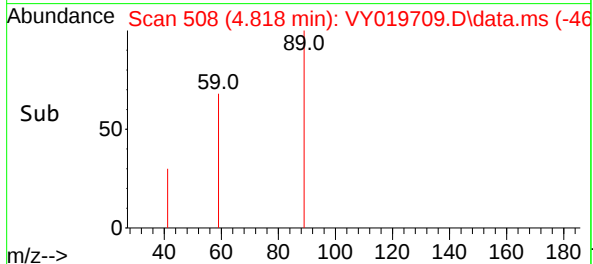
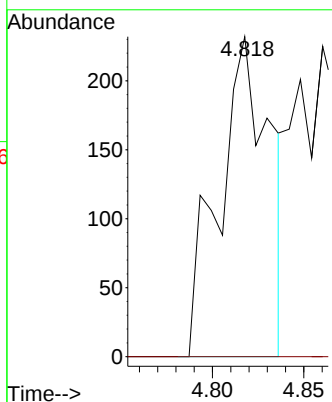


#11
Tert butyl alcohol
Concen: 1.896 ug/l
RT: 4.818 min Scan# 508
Delta R.T. -0.042 min
Lab File: VY019709.D
Acq: 26 Sep 2024 13:28

Instrument :
MSVOA_Y
ClientSampleId :

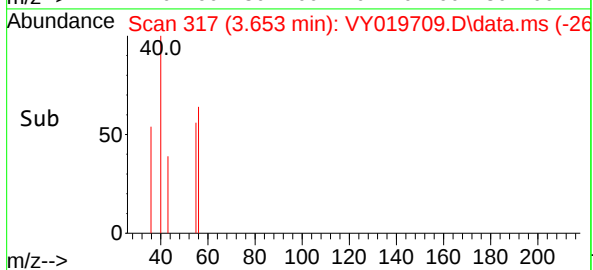
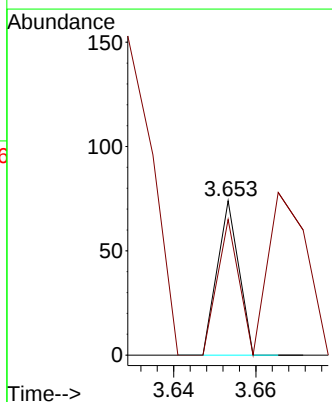
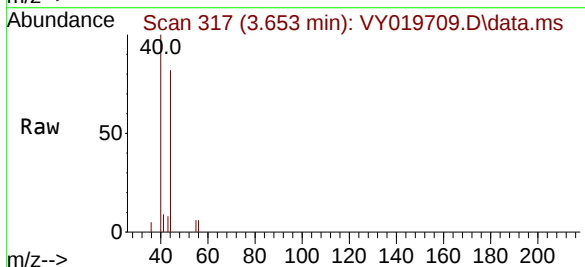


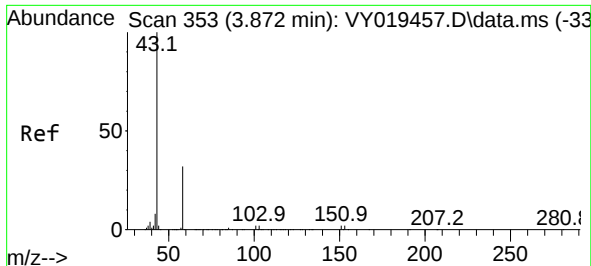
Tgt Ion: 59 Resp: 448
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



#13
Acrolein
Concen: Below Cal
RT: 3.653 min Scan# 317
Delta R.T. 0.000 min
Lab File: VY019709.D
Acq: 26 Sep 2024 13:28

Tgt Ion: 56 Resp: 27
Ion Ratio Lower Upper
56 100
55 274.1 55.7 83.5#

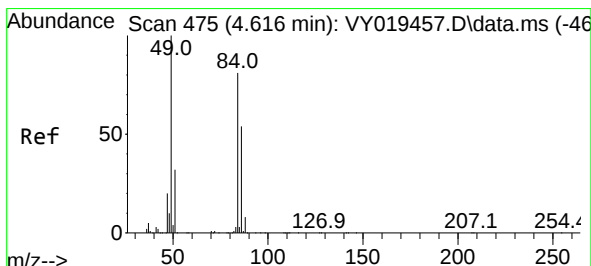
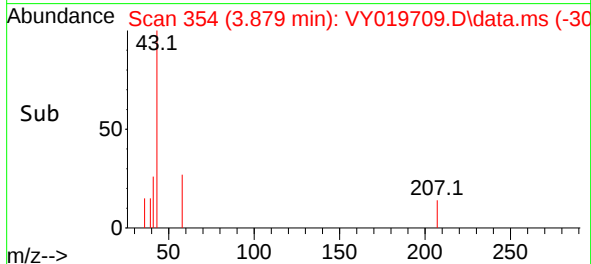
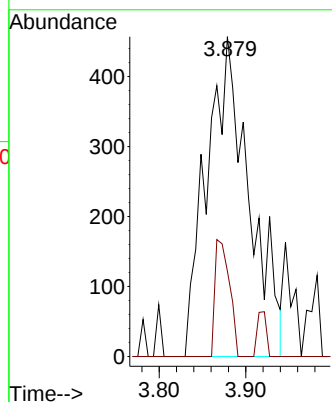
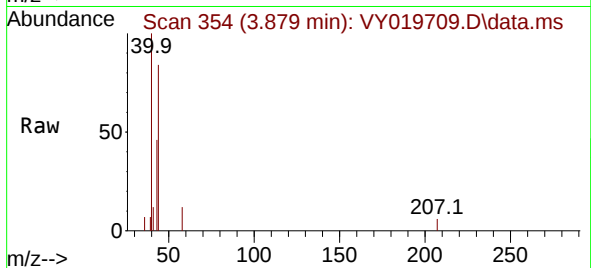




#16
Acetone
Concen: 2.231 ug/l
RT: 3.879 min Scan# 31
Delta R.T. 0.007 min
Lab File: VY019709.D
Acq: 26 Sep 2024 13:28

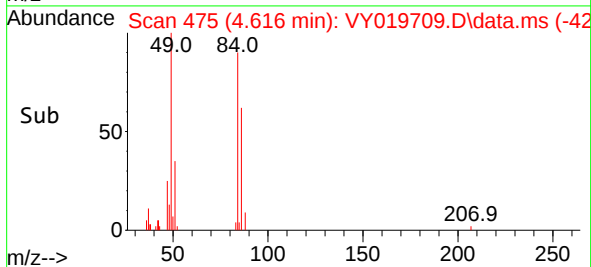
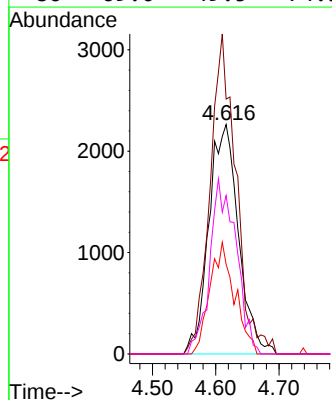
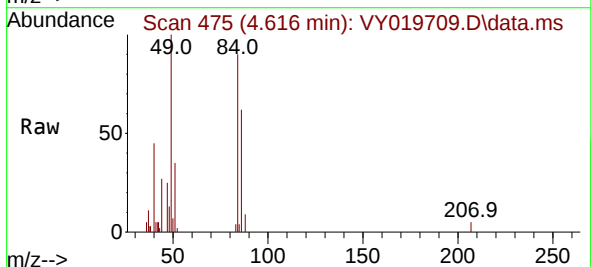
Instrument :
MSVOA_Y
ClientSampleId :

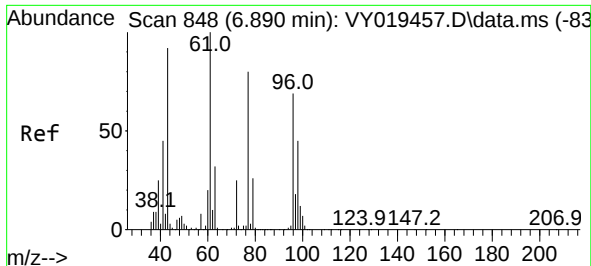
Tgt Ion: 43 Resp: 1555
Ion Ratio Lower Upper
43 100
58 26.7 31.7 47.5#



#20
Methylene Chloride
Concen: 2.321 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY019709.D
Acq: 26 Sep 2024 13:28

Tgt Ion: 84 Resp: 7379
Ion Ratio Lower Upper
84 100
49 111.1 84.4 126.6
51 39.1 26.0 39.0#
86 69.0 49.5 74.3

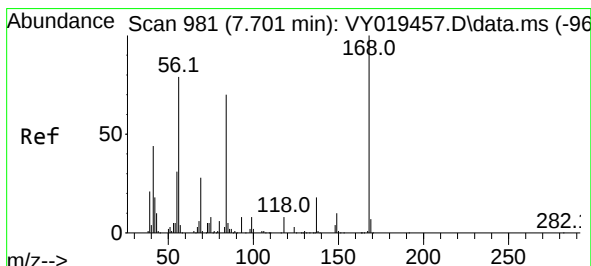
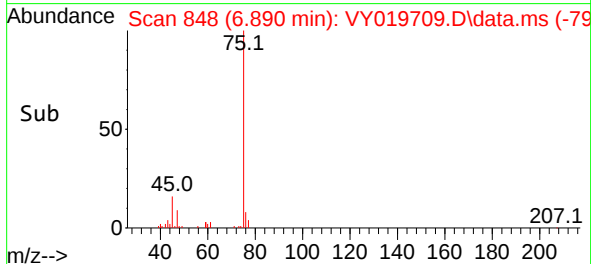
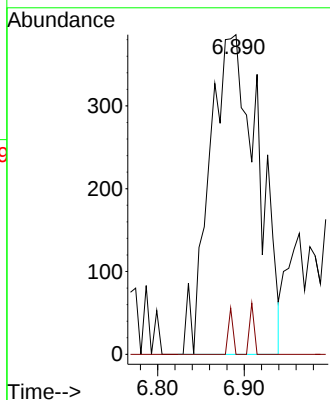
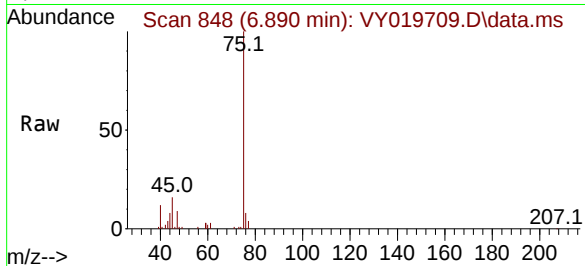




#25
2-Butanone
Concen: 1.508 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY019709.D
Acq: 26 Sep 2024 13:28

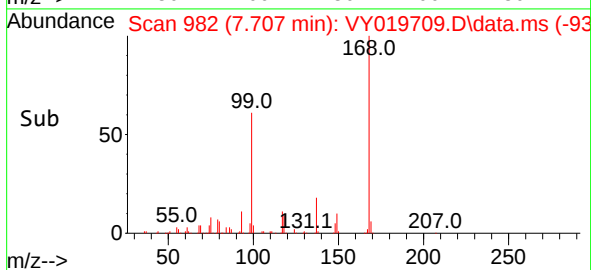
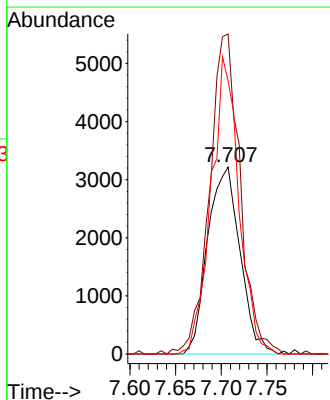
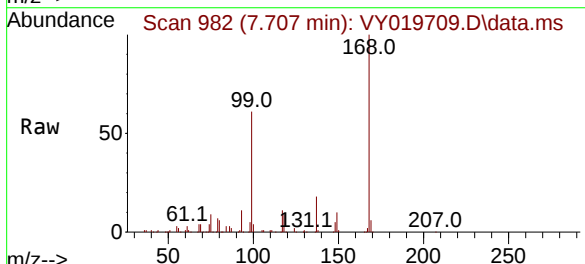
Instrument :
MSVOA_Y
ClientSampleId :

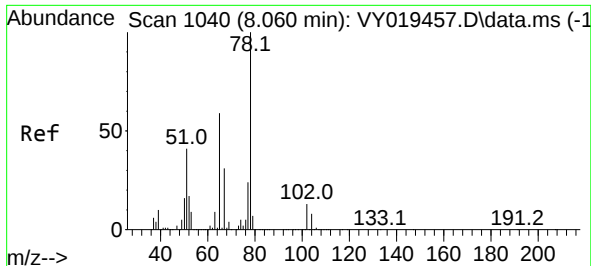
Tgt Ion: 43 Resp: 1495
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#



#31
Cyclohexane
Concen: 1.512 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.007 min
Lab File: VY019709.D
Acq: 26 Sep 2024 13:28

Tgt Ion: 56 Resp: 7919
Ion Ratio Lower Upper
56 100
69 169.3 28.7 43.1#
84 146.1 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 66.057 ug/l

RT: 8.055 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VY019709.D

Acq: 26 Sep 2024 13:28

Instrument :

MSVOA_Y

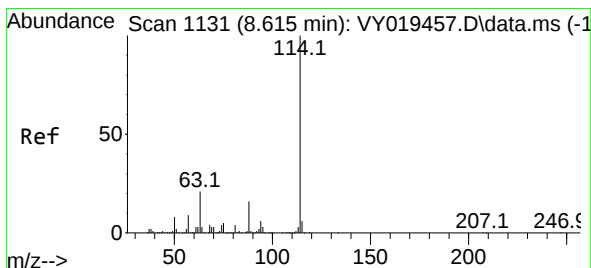
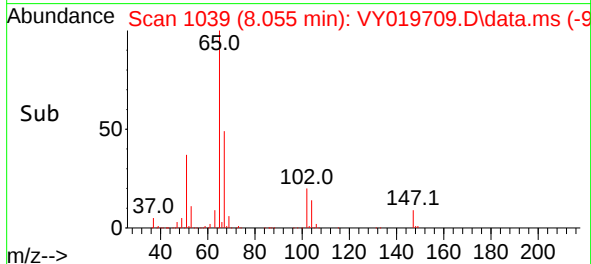
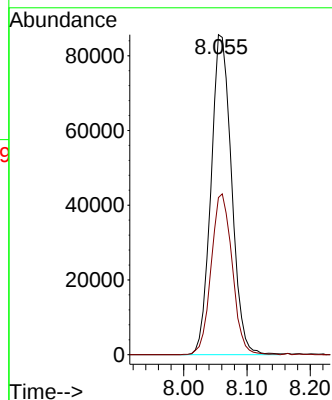
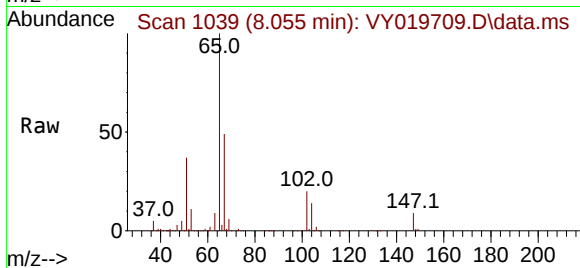
ClientSampleId :

Tgt Ion: 65 Resp: 193259

Ion Ratio Lower Upper

65 100

67 51.4 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: VY019709.D

Acq: 26 Sep 2024 13:28

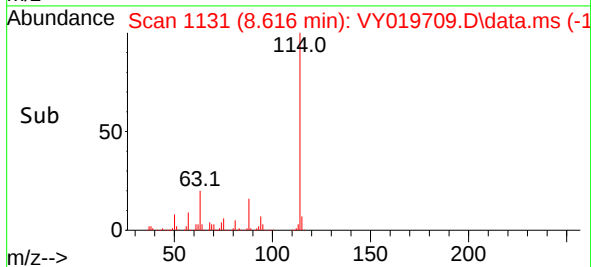
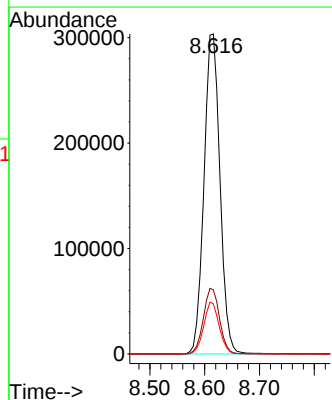
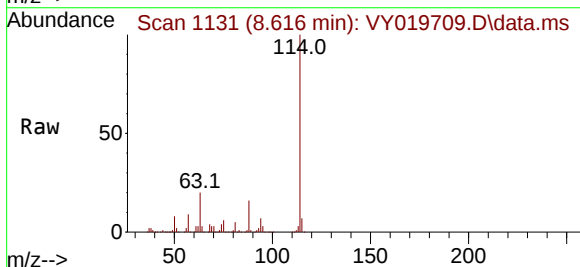
Tgt Ion: 114 Resp: 613025

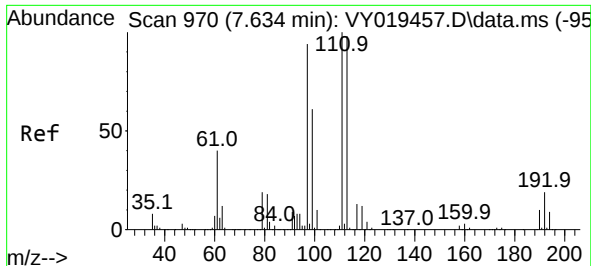
Ion Ratio Lower Upper

114 100

63 20.1 0.0 35.0

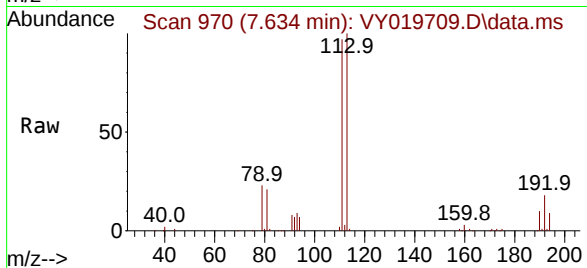
88 15.7 0.0 27.2



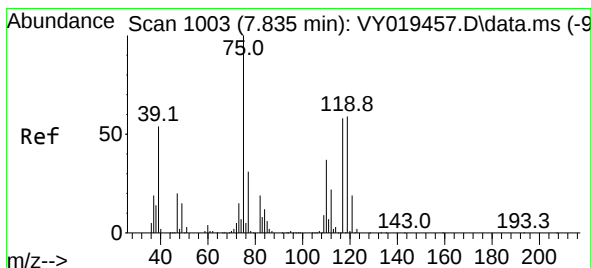
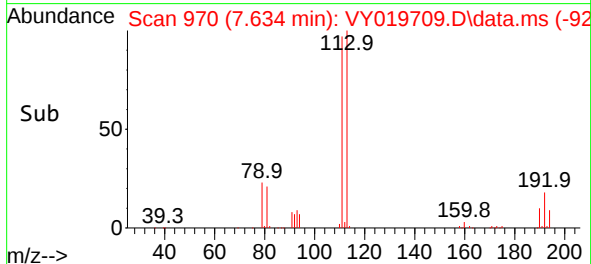
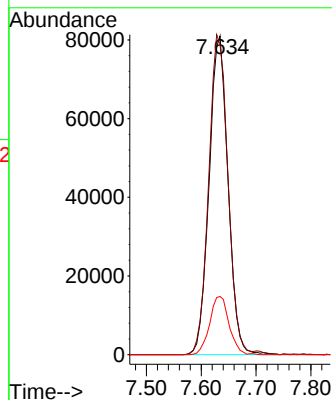


#35
Dibromofluoromethane
Concen: 55.801 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019709.D
Acq: 26 Sep 2024 13:28

Instrument :
MSVOA_Y
ClientSampleId :

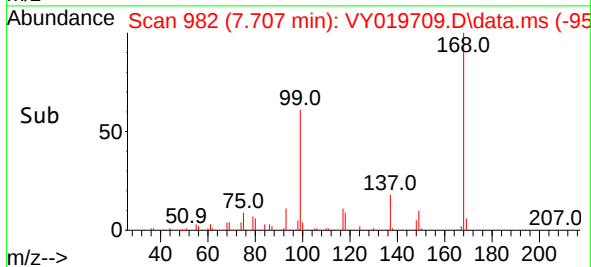
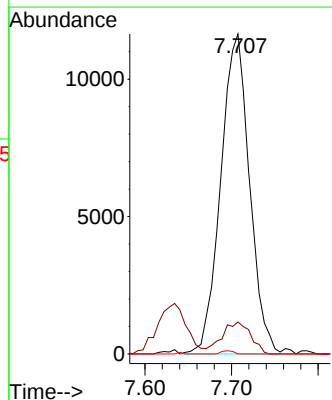
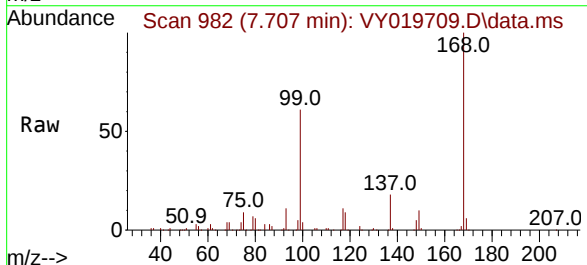


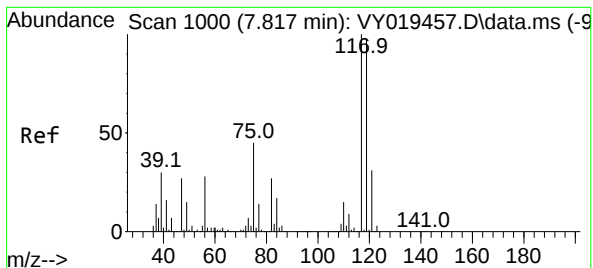
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.2	123.4
192	18.8	15.9	23.9



#36
1,1-Dichloropropene
Concen: 5.684 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY019709.D
Acq: 26 Sep 2024 13:28

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.9	19.0	57.0#
77	0.4	25.3	37.9#





#38

Carbon Tetrachloride

Concen: 6.306 ug/l

RT: 7.701 min Scan# 91

Delta R.T. -0.115 min

Lab File: VY019709.D

Acq: 26 Sep 2024 13:28

Instrument :

MSVOA_Y

ClientSampleId :

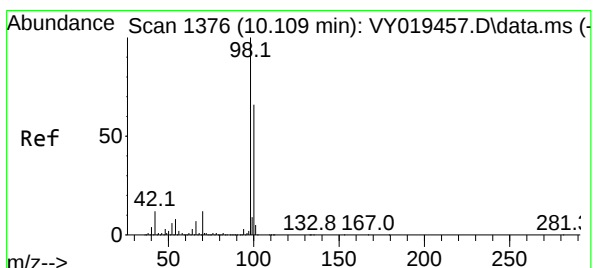
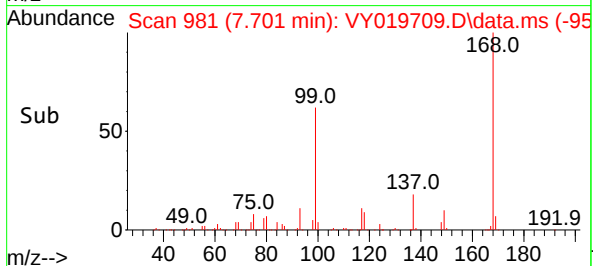
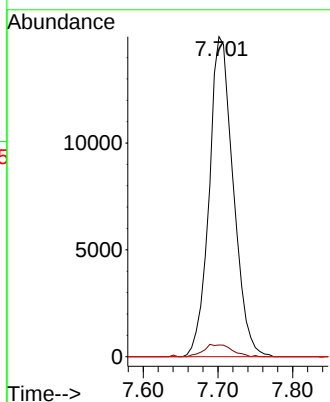
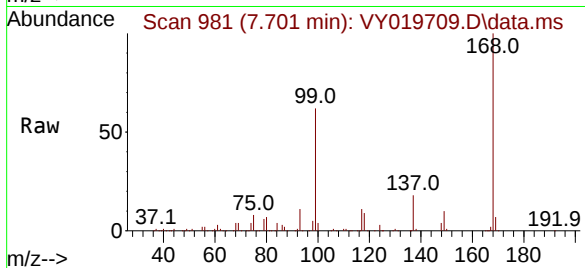
Tgt Ion:117 Resp: 33631

Ion Ratio Lower Upper

117 100

119 3.7 75.8 113.6#

121 0.0 24.0 36.0#



#50

Toluene-d8

Concen: 56.182 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019709.D

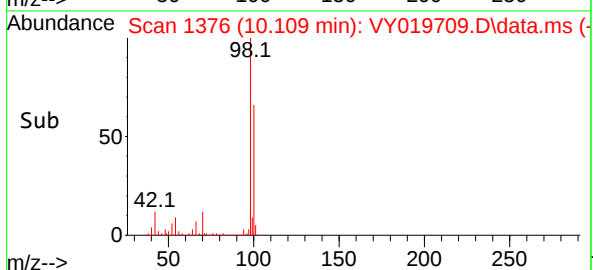
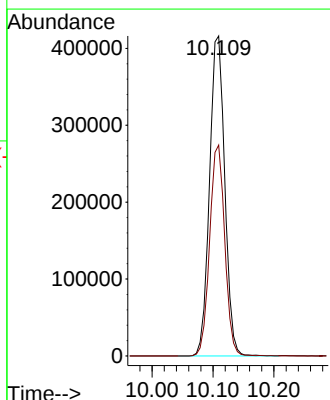
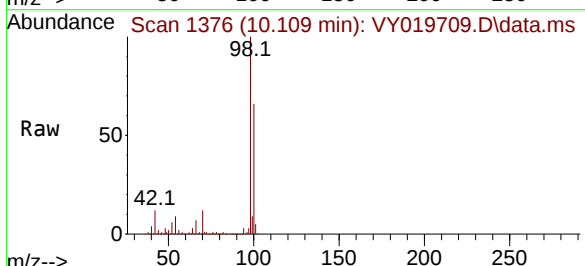
Acq: 26 Sep 2024 13:28

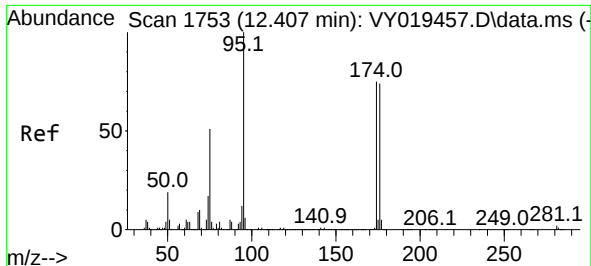
Tgt Ion: 98 Resp: 722267

Ion Ratio Lower Upper

98 100

100 65.3 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 47.251 ug/l

RT: 12.408 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019709.D

Acq: 26 Sep 2024 13:28

Instrument :

MSVOA_Y

ClientSampleId :

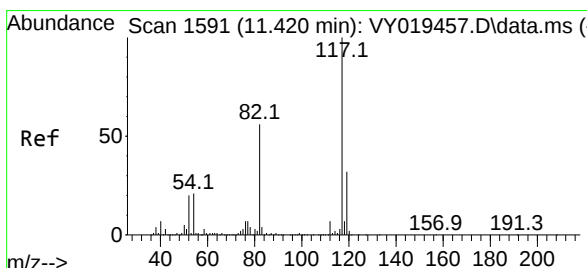
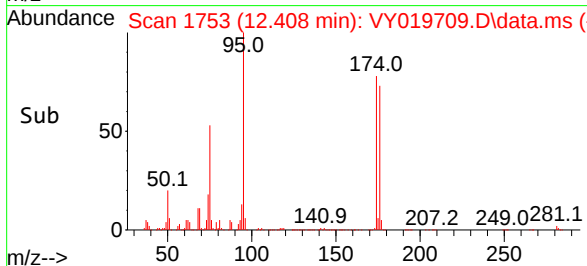
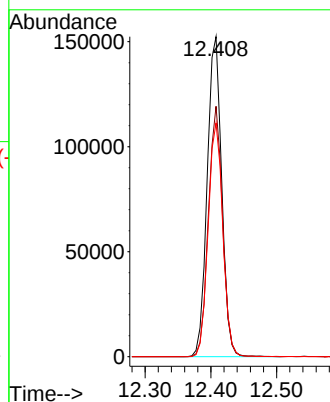
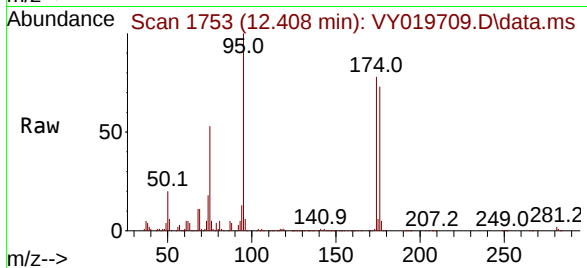
Tgt Ion: 95 Resp: 233573

Ion Ratio Lower Upper

95 100

174 77.0 0.0 175.6

176 73.7 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: VY019709.D

Acq: 26 Sep 2024 13:28

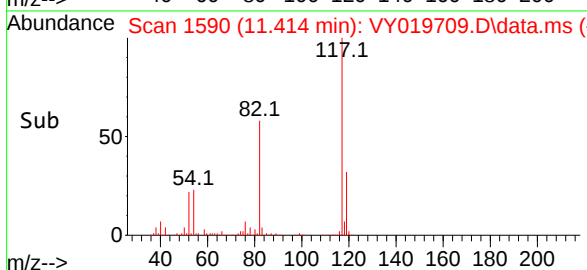
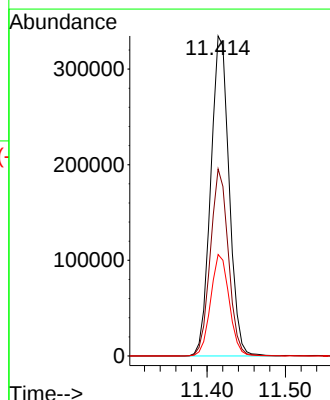
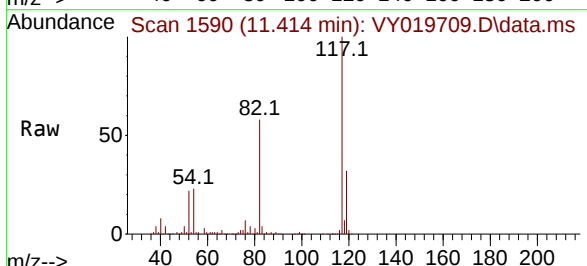
Tgt Ion: 117 Resp: 545846

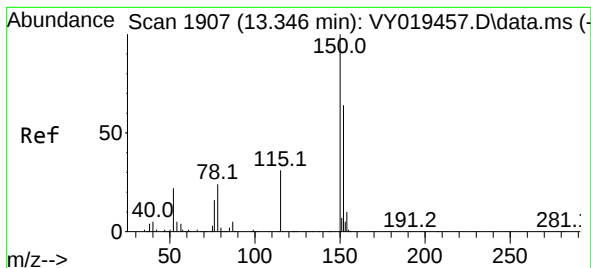
Ion Ratio Lower Upper

117 100

82 58.4 42.4 63.6

119 31.7 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: VY019709.D

Acq: 26 Sep 2024 13:28

Instrument :

MSVOA_Y

ClientSampleId :

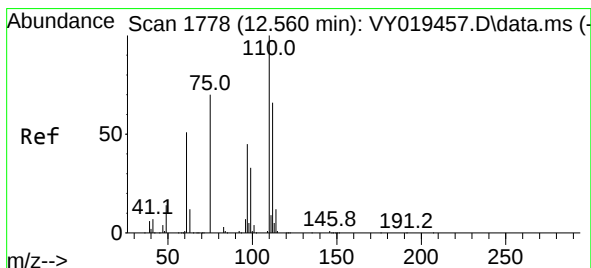
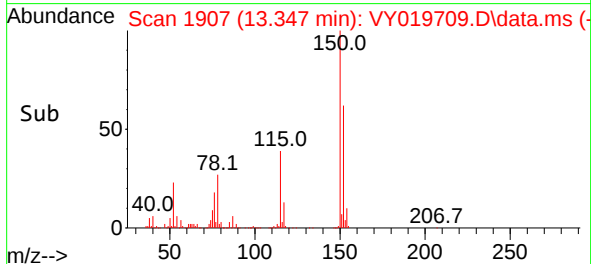
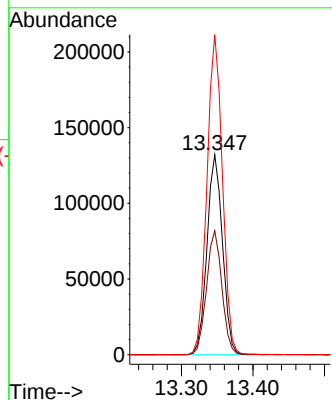
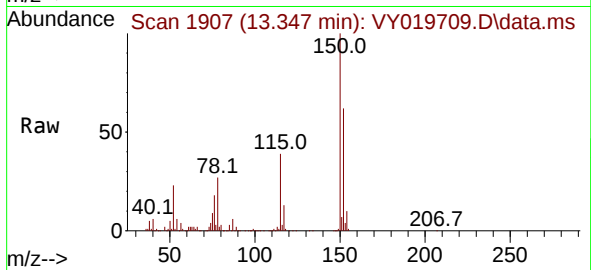
Tgt Ion:152 Resp: 199197

Ion Ratio Lower Upper

152 100

115 61.5 28.2 84.7

150 159.5 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 68.835 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.158 min

Lab File: VY019709.D

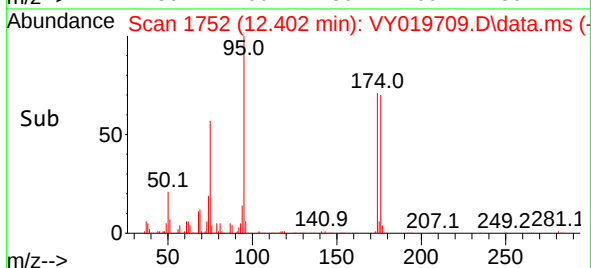
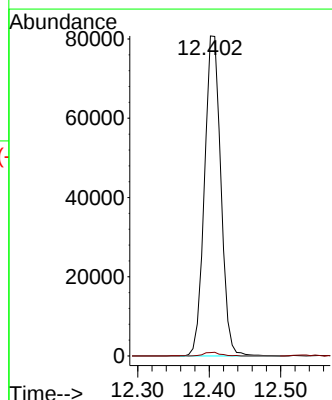
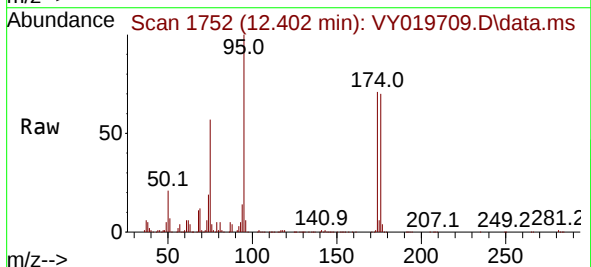
Acq: 26 Sep 2024 13:28

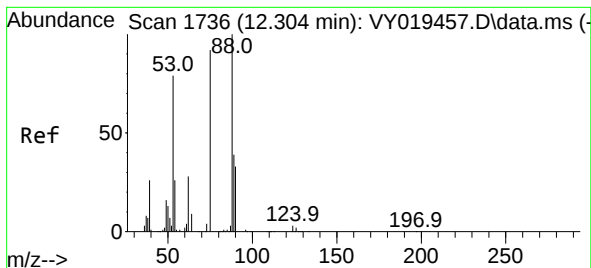
Tgt Ion: 75 Resp: 128519

Ion Ratio Lower Upper

75 100

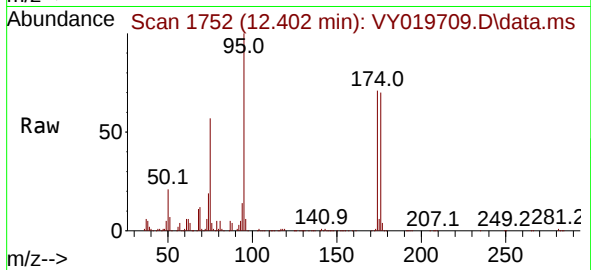
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 132.144 ug/l
 RT: 12.402 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY019709.D
 Acq: 26 Sep 2024 13:28

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 128519
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.1 35.8 53.6#

