

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091724\
 Data File : VY019576.D
 Acq On : 17 Sep 2024 11:18
 Operator : SY/MD
 Sample : VY0917SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 18 01:30:53 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)

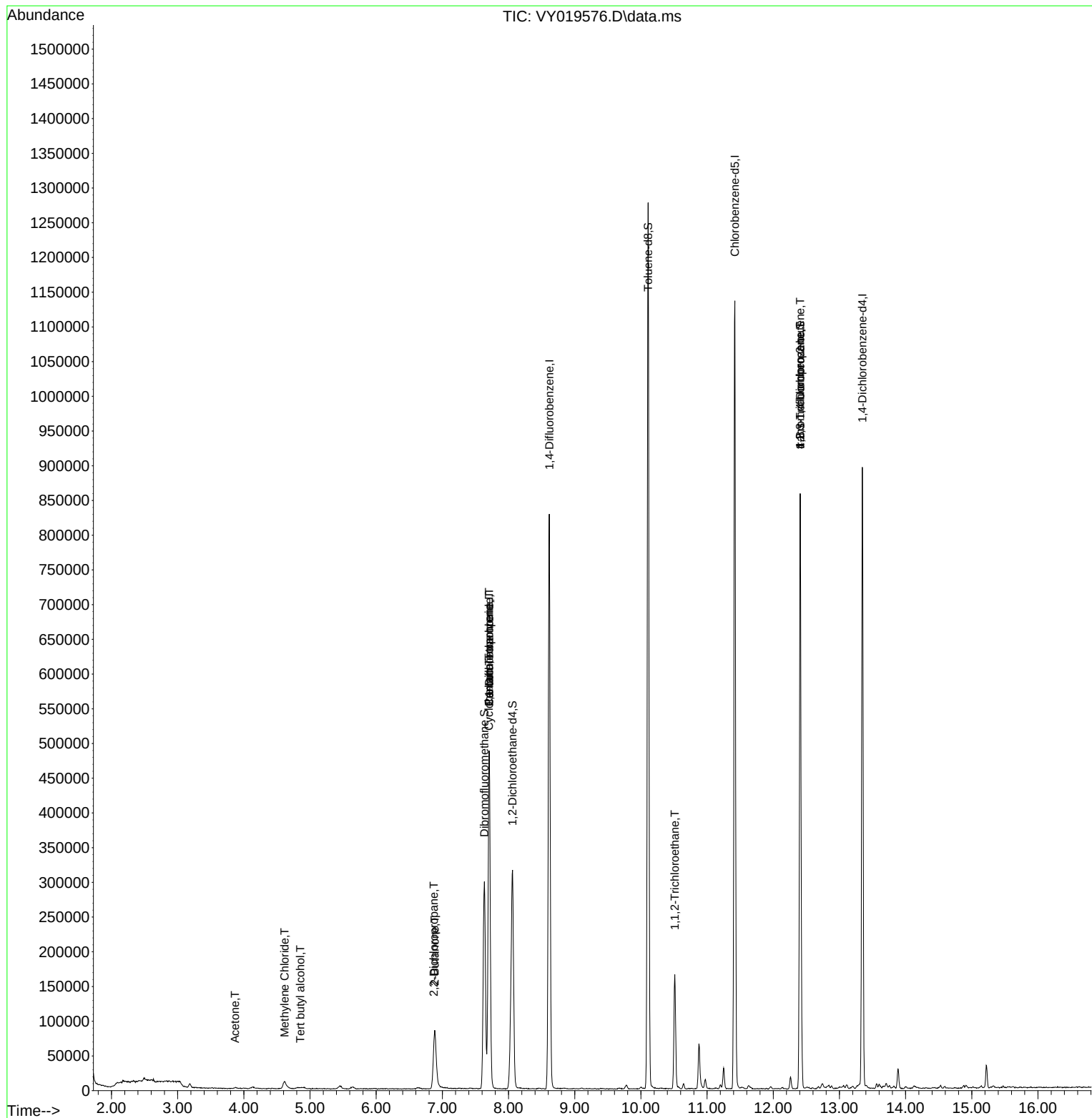
Internal Standards						
1) Pentafluorobenzene	7.707	168	358176	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	689465	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	602003	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	210707	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	209506	63.168	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 126.340%		
35) Dibromofluoromethane	7.634	113	212765	54.428	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 108.860%		
50) Toluene-d8	10.109	98	817224	56.520	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 113.040%		
62) 4-Bromofluorobenzene	12.408	95	253916	45.672	ug/l	0.00
Spiked Amount	50.000	Range 29 - 146	Recovery	= 91.340%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.861	85	214	Below Cal	#	43
11) Tert butyl alcohol	4.854	59	3322	12.403	ug/l #	74
13) Acrolein	3.659	56	240	Below Cal	#	75
16) Acetone	3.867	43	1182	1.496	ug/l	94
20) Methylene Chloride	4.616	84	6943	1.927	ug/l #	85
25) 2-Butanone	6.884	43	5723	5.093	ug/l #	62
26) 2,2-Dichloropropane	6.872	77	6636	1.120	ug/l #	51
31) Cyclohexane	7.701	56	8840	1.489	ug/l #	5
36) 1,1-Dichloropropene	7.707	75	30547	5.743	ug/l #	49
38) Carbon Tetrachloride	7.707	117	39302	6.552	ug/l #	17
55) 1,1,2-Trichloroethane	10.512	97	3415	1.129	ug/l #	21
76) 1,2,3-Trichloropropane	12.408	75	139563	70.667	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	139563	135.660	ug/l #	16

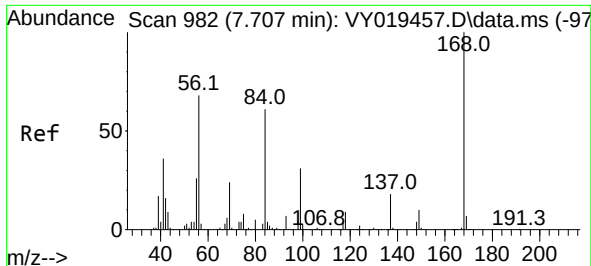
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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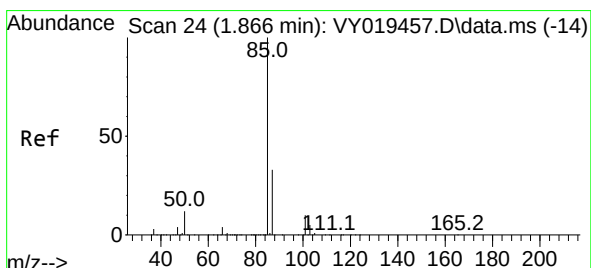
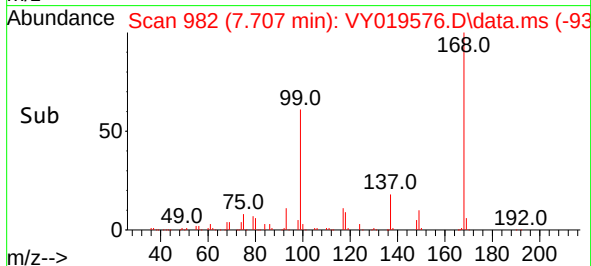
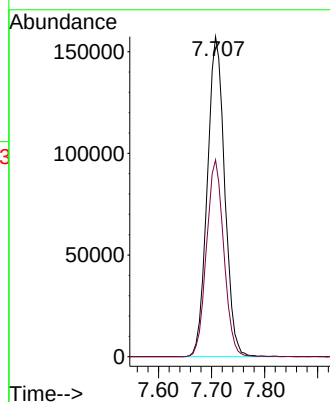
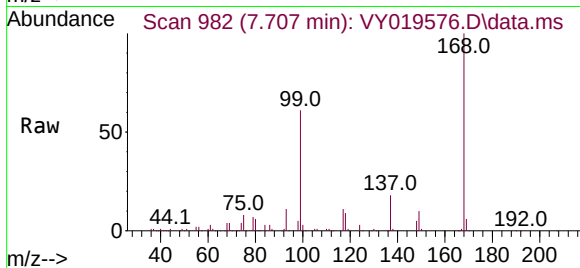




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019576.D
Acq: 17 Sep 2024 11:18

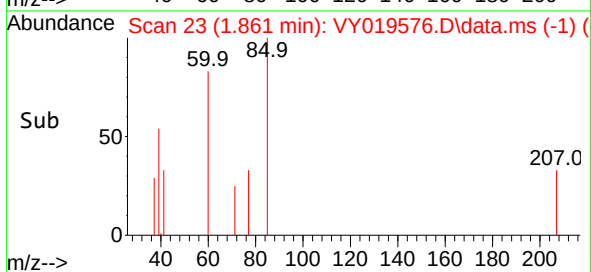
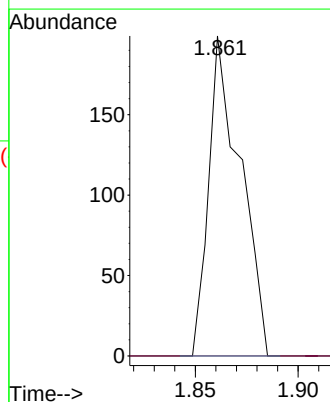
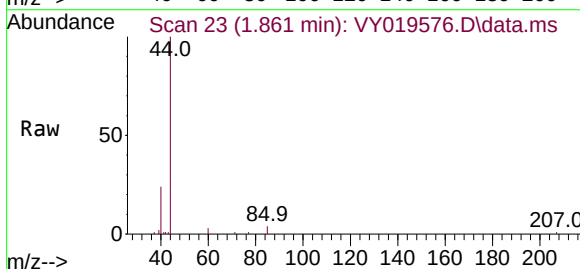
Instrument :
MSVOA_Y
ClientSampleId :

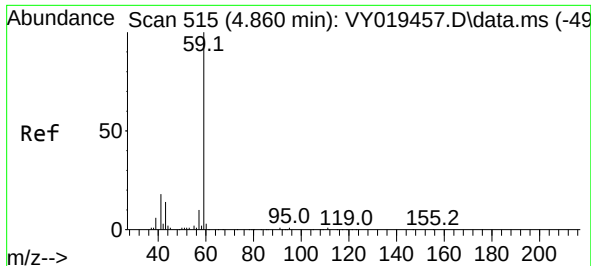
Tgt Ion:168 Resp: 358176
Ion Ratio Lower Upper
168 100
99 61.5 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.861 min Scan# 23
Delta R.T. -0.005 min
Lab File: VY019576.D
Acq: 17 Sep 2024 11:18

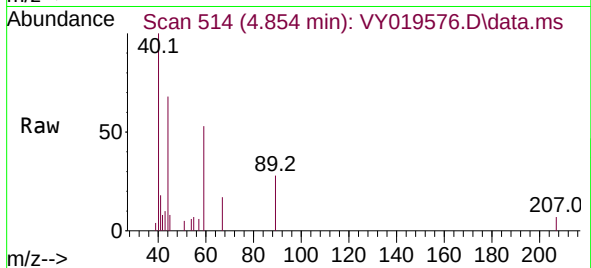
Tgt Ion: 85 Resp: 214
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#



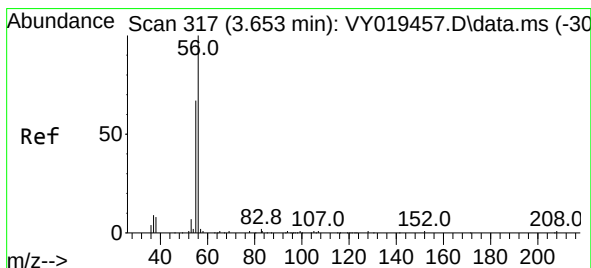
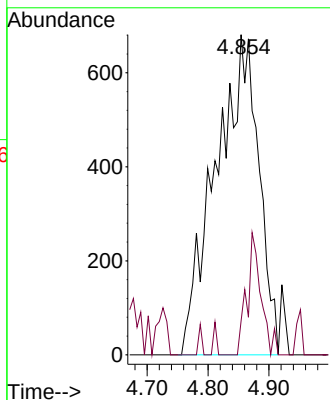
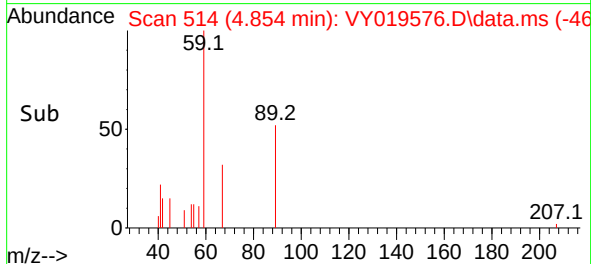


#11
Tert butyl alcohol
Concen: 12.403 ug/l
RT: 4.854 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY019576.D
Acq: 17 Sep 2024 11:18

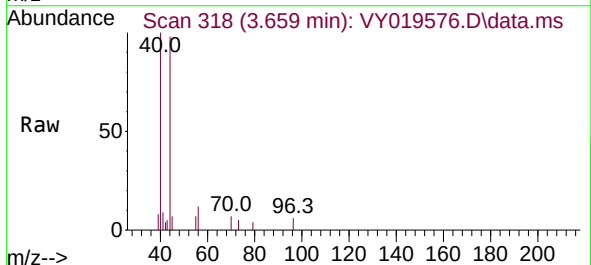
Instrument :
MSVOA_Y
ClientSampleId :



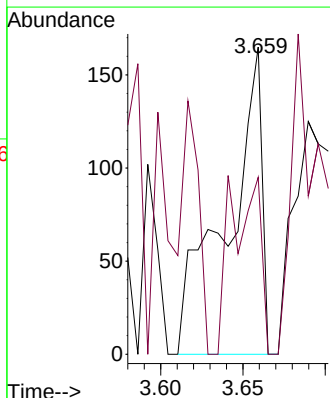
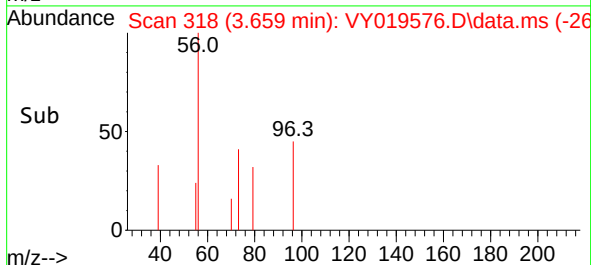
Tgt Ion: 59 Resp: 3322
Ion Ratio Lower Upper
59 100
57 12.4 3.0 4.6#

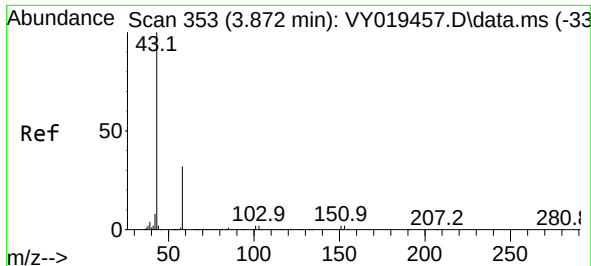


#13
Acrolein
Concen: Below Cal
RT: 3.659 min Scan# 318
Delta R.T. 0.006 min
Lab File: VY019576.D
Acq: 17 Sep 2024 11:18



Tgt Ion: 56 Resp: 240
Ion Ratio Lower Upper
56 100
55 49.2 55.7 83.5#

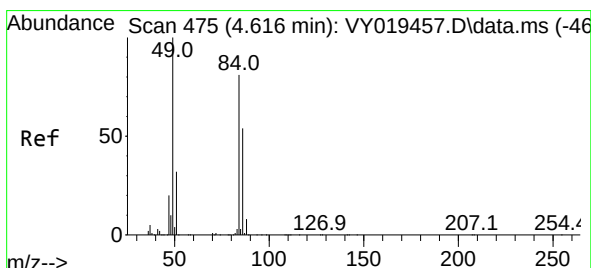
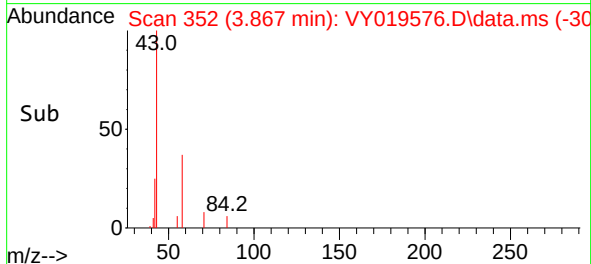
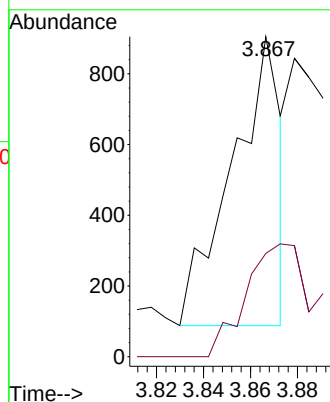
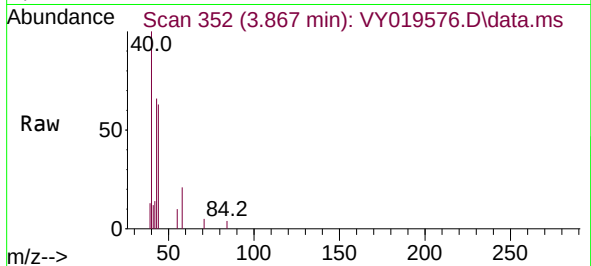




#16
Acetone
Concen: 1.496 ug/l
RT: 3.867 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY019576.D
Acq: 17 Sep 2024 11:18

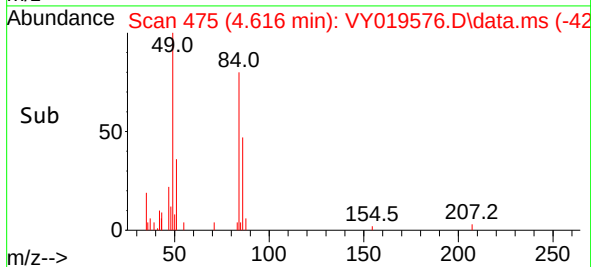
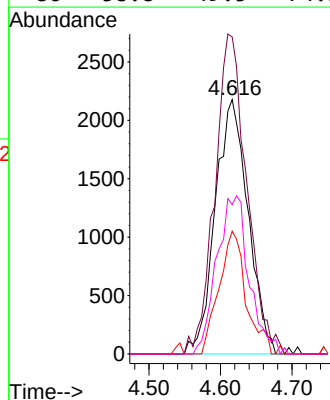
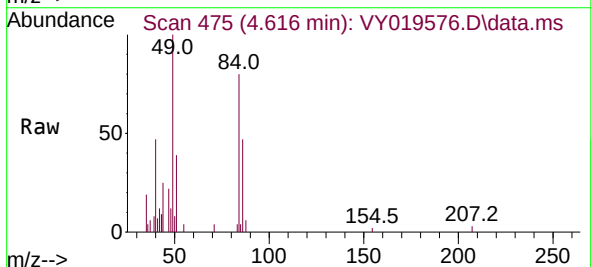
Instrument :
MSVOA_Y
ClientSampleId :

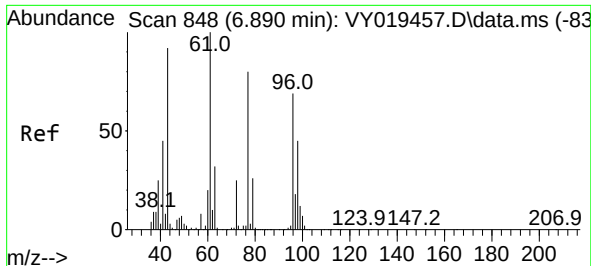
Tgt Ion: 43 Resp: 1182
Ion Ratio Lower Upper
43 100
58 35.7 31.7 47.5



#20
Methylene Chloride
Concen: 1.927 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY019576.D
Acq: 17 Sep 2024 11:18

Tgt Ion: 84 Resp: 6943
Ion Ratio Lower Upper
84 100
49 124.6 84.4 126.6
51 44.9 26.0 39.0#
86 58.8 49.5 74.3

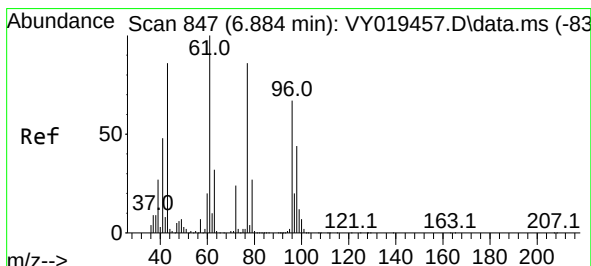
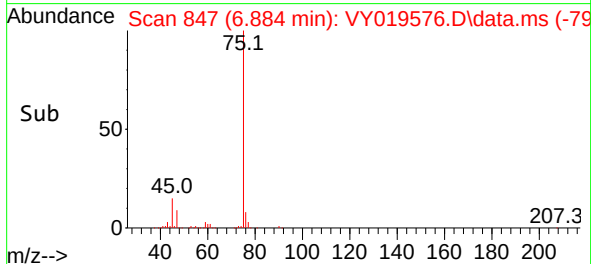
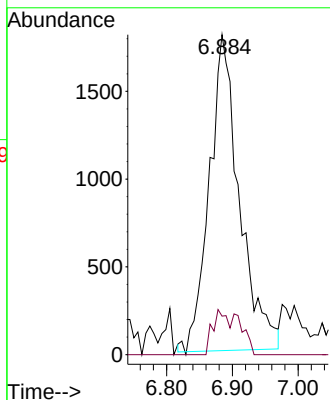
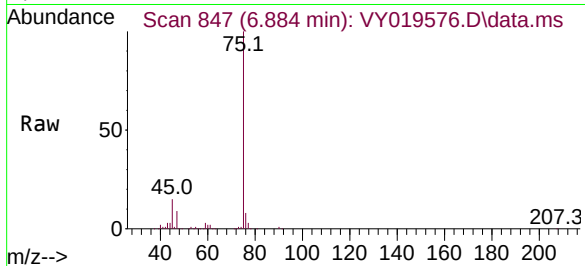




#25
2-Butanone
Concen: 5.093 ug/l
RT: 6.884 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY019576.D
Acq: 17 Sep 2024 11:18

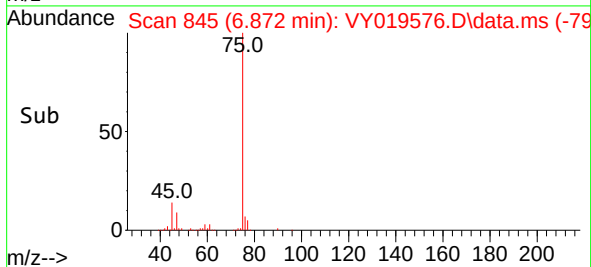
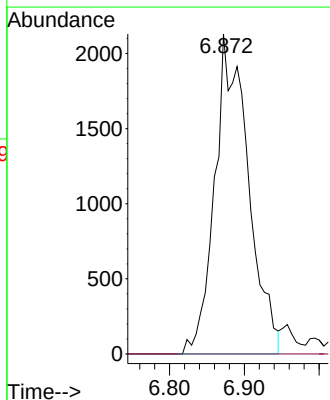
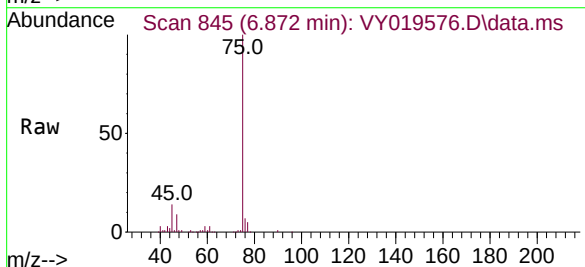
Instrument :
MSVOA_Y
ClientSampleId :

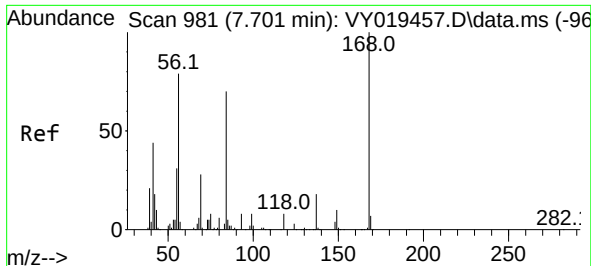
Tgt Ion: 43 Resp: 5723
Ion Ratio Lower Upper
43 100
72 12.4 27.3 40.9#



#26
2,2-Dichloropropane
Concen: 1.120 ug/l
RT: 6.872 min Scan# 845
Delta R.T. -0.012 min
Lab File: VY019576.D
Acq: 17 Sep 2024 11:18

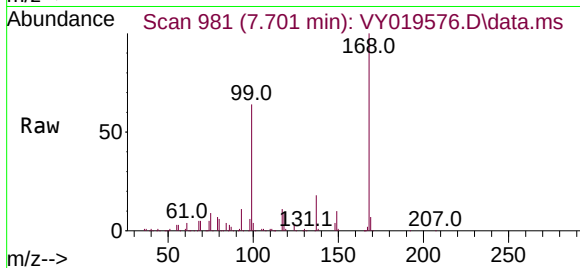
Tgt Ion: 77 Resp: 6636
Ion Ratio Lower Upper
77 100
97 0.0 12.0 36.1#



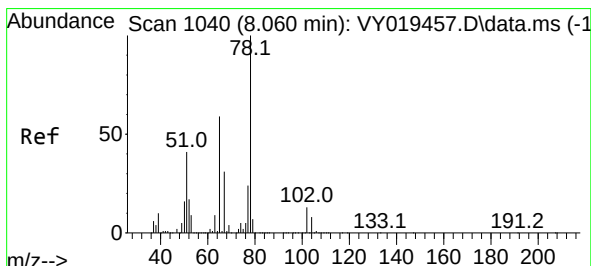
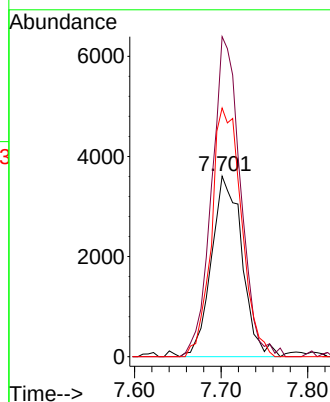
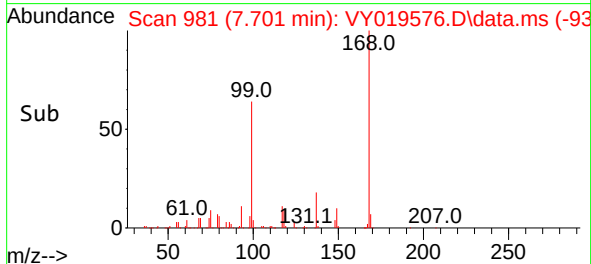


#31
Cyclohexane
Concen: 1.489 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019576.D
Acq: 17 Sep 2024 11:18

Instrument :
MSVOA_Y
ClientSampleId :

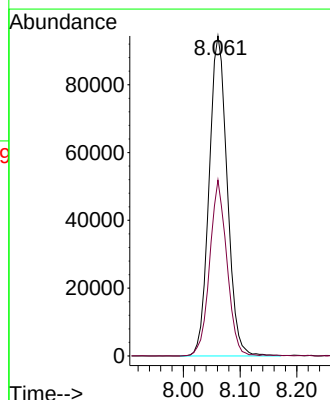
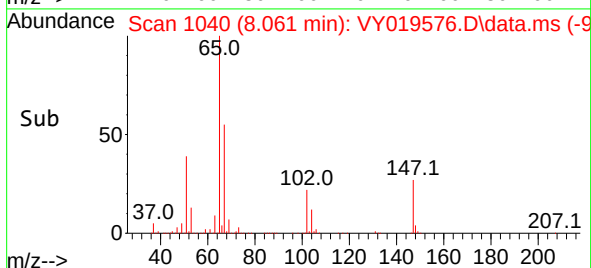
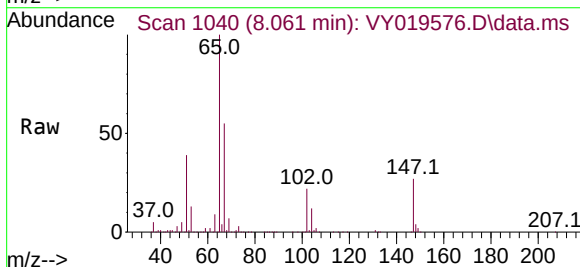


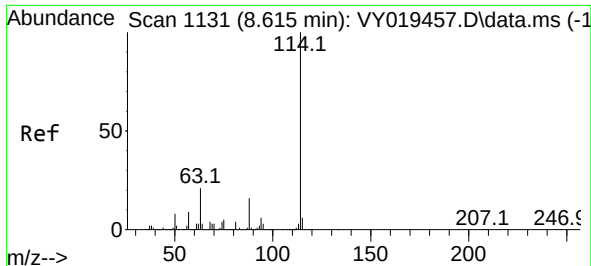
Tgt Ion: 56 Resp: 8840
Ion Ratio Lower Upper
56 100
69 177.2 28.7 43.1#
84 137.8 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 63.168 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019576.D
Acq: 17 Sep 2024 11:18

Tgt Ion: 65 Resp: 209506
Ion Ratio Lower Upper
65 100
67 52.2 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

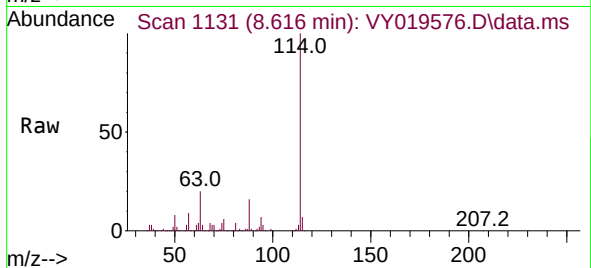
Lab File: VY019576.D

Acq: 17 Sep 2024 11:18

Instrument :

MSVOA_Y

ClientSampleId :



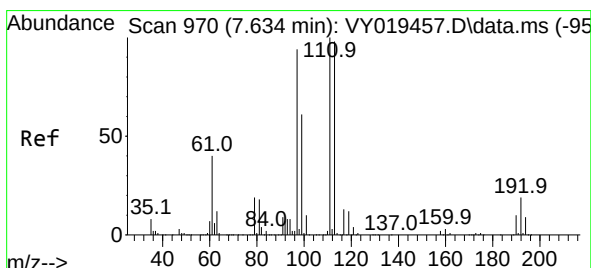
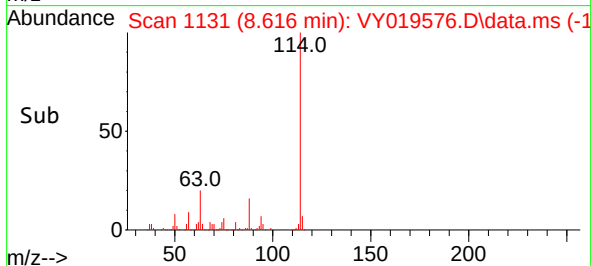
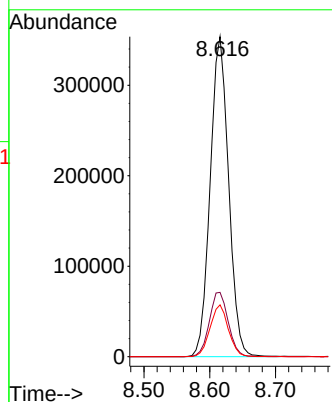
Tgt Ion:114 Resp: 689465

Ion Ratio Lower Upper

114 100

63 20.1 0.0 35.0

88 16.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 54.428 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY019576.D

Acq: 17 Sep 2024 11:18

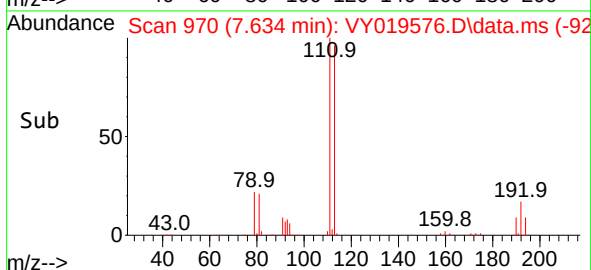
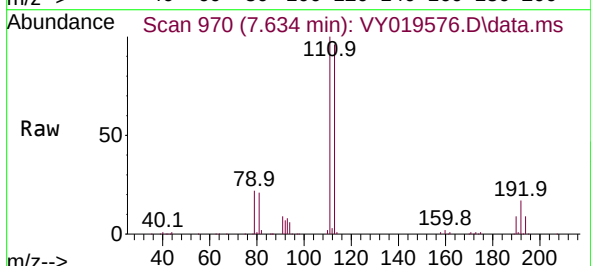
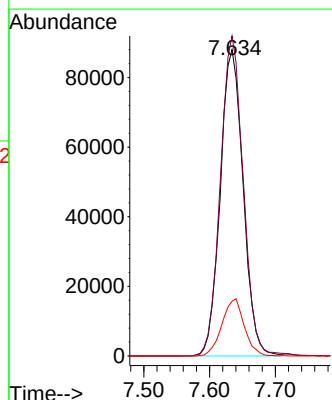
Tgt Ion:113 Resp: 212765

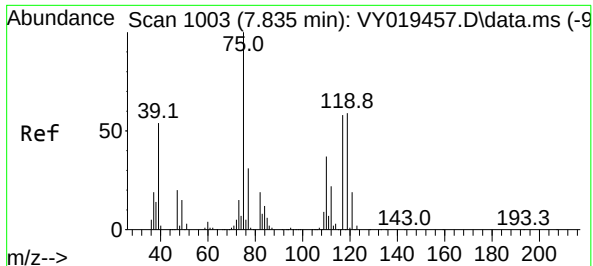
Ion Ratio Lower Upper

113 100

111 104.5 82.2 123.4

192 18.3 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.743 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.128 min

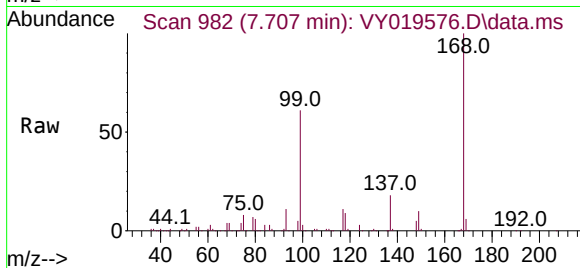
Lab File: VY019576.D

Acq: 17 Sep 2024 11:18

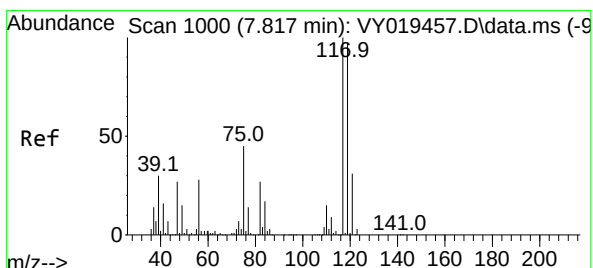
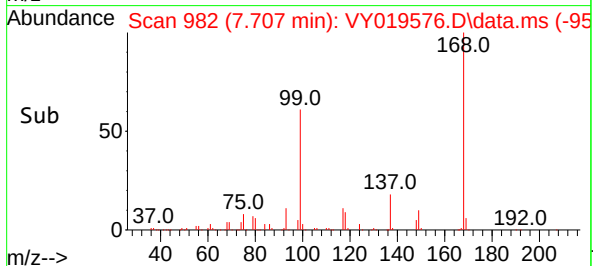
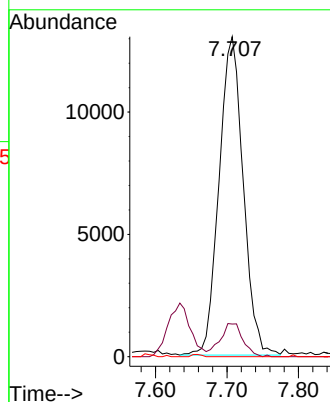
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	75	Resp:	30547
Ion Ratio	Lower	Upper	
75	100		
110	9.9	19.0	57.0#
77	0.0	25.3	37.9#



#38

Carbon Tetrachloride

Concen: 6.552 ug/l

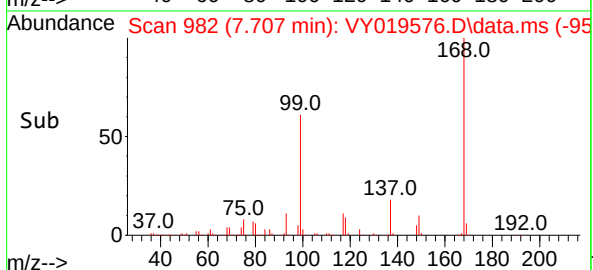
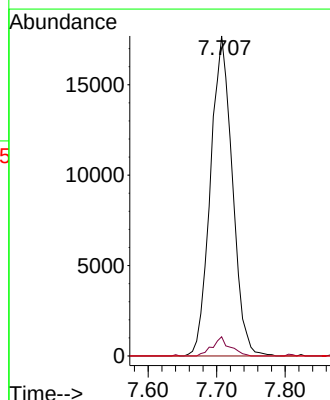
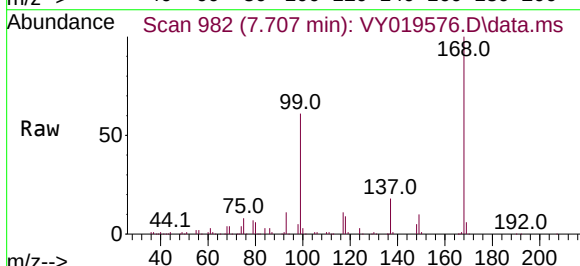
RT: 7.707 min Scan# 982

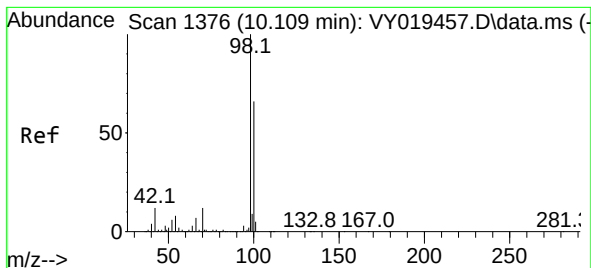
Delta R.T. -0.109 min

Lab File: VY019576.D

Acq: 17 Sep 2024 11:18

Tgt Ion:	117	Resp:	39302
Ion Ratio	Lower	Upper	
117	100		
119	6.0	75.8	113.6#
121	0.0	24.0	36.0#





#50

Toluene-d8

Concen: 56.520 ug/l

RT: 10.109 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019576.D

Acq: 17 Sep 2024 11:18

Instrument :

MSVOA_Y

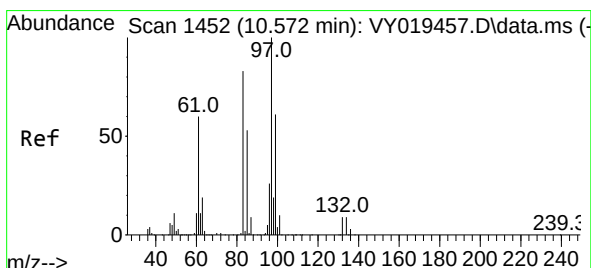
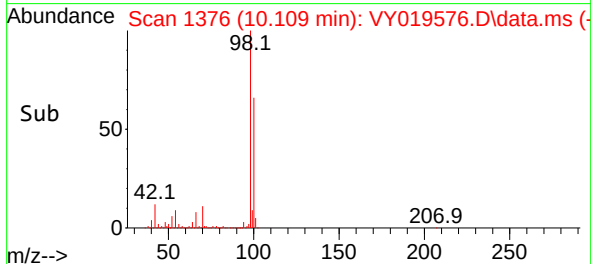
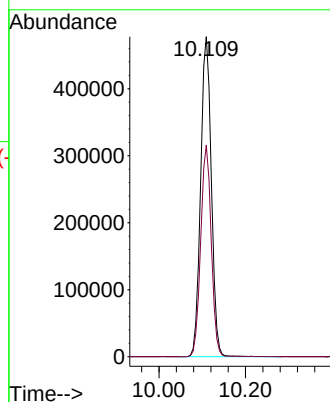
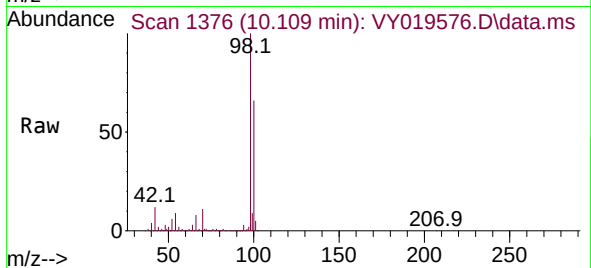
ClientSampleId :

Tgt Ion: 98 Resp: 817224

Ion Ratio Lower Upper

98 100

100 65.3 52.0 78.0



#55

1,1,2-Trichloroethane

Concen: 1.129 ug/l

RT: 10.512 min Scan# 1442

Delta R.T. -0.061 min

Lab File: VY019576.D

Acq: 17 Sep 2024 11:18

Tgt Ion: 97 Resp: 3415

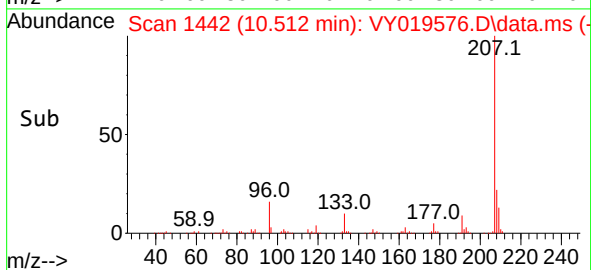
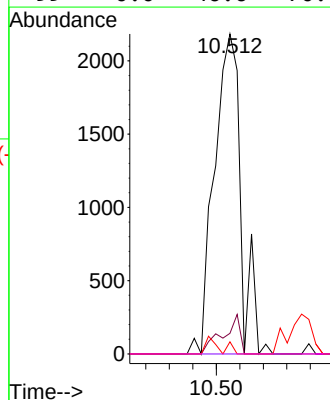
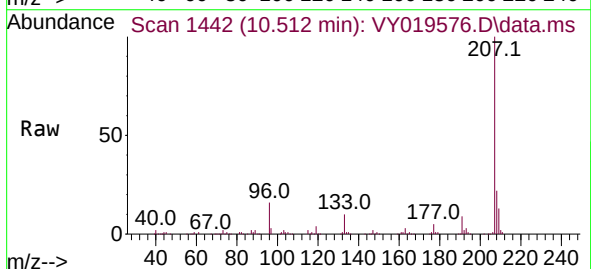
Ion Ratio Lower Upper

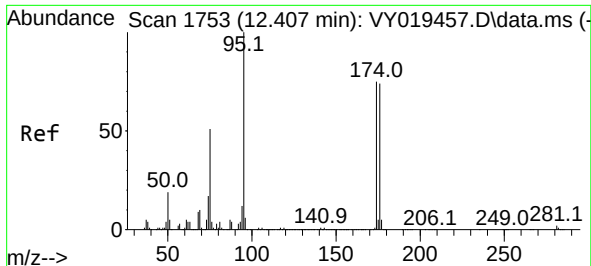
97 100

83 6.4 67.5 101.3#

85 3.8 42.9 64.3#

99 0.0 46.6 70.0#

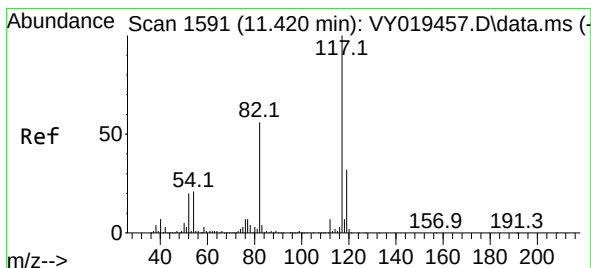
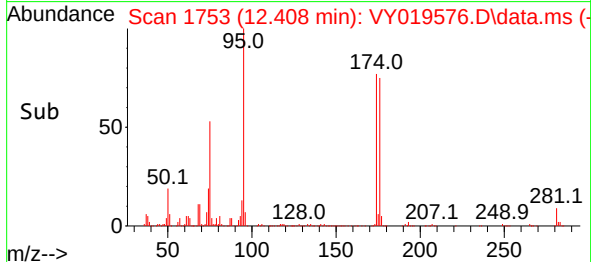
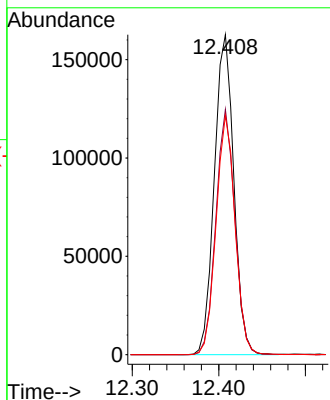
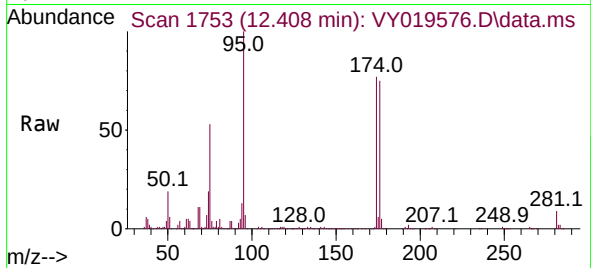




#62
4-Bromofluorobenzene
Concen: 45.672 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019576.D
Acq: 17 Sep 2024 11:18

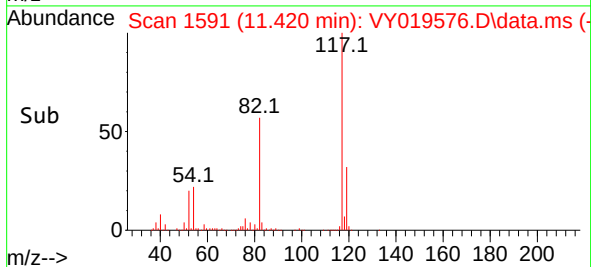
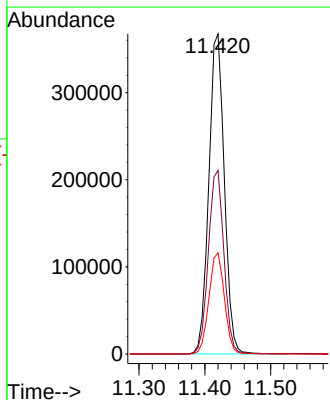
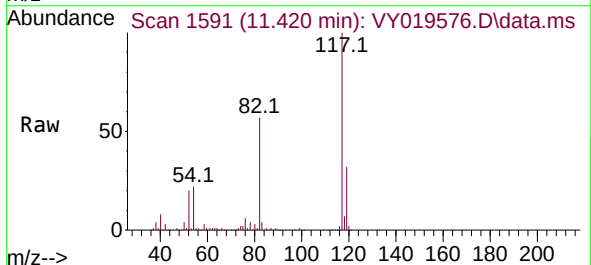
Instrument :
MSVOA_Y
ClientSampleId :

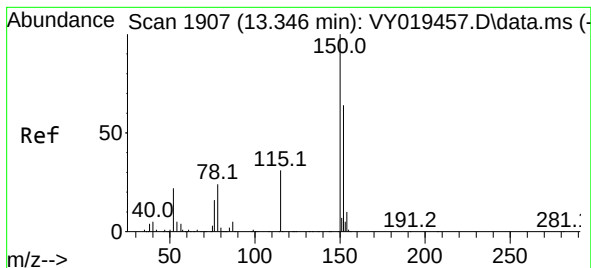
Tgt Ion: 95 Resp: 253916
Ion Ratio Lower Upper
95 100
174 75.0 0.0 175.6
176 73.2 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY019576.D
Acq: 17 Sep 2024 11:18

Tgt Ion: 117 Resp: 602003
Ion Ratio Lower Upper
117 100
82 57.4 42.4 63.6
119 31.6 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: VY019576.D

Acq: 17 Sep 2024 11:18

Instrument :

MSVOA_Y

ClientSampleId :

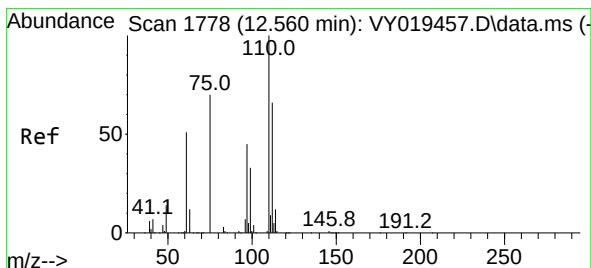
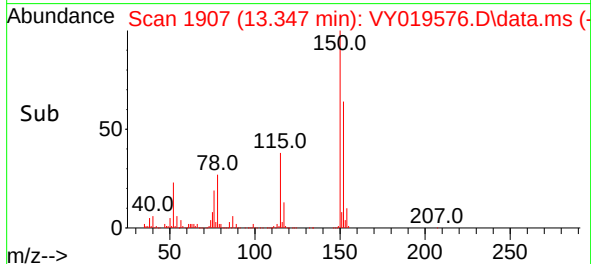
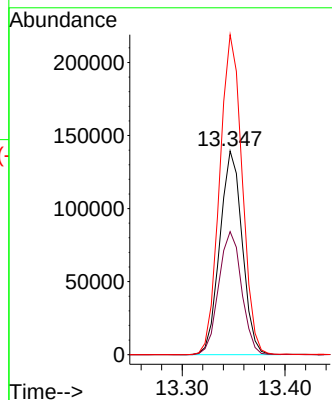
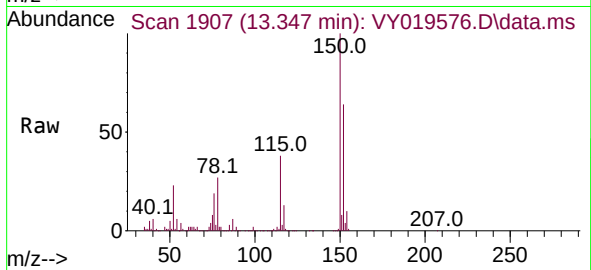
Tgt Ion:152 Resp: 210707

Ion Ratio Lower Upper

152 100

115 61.6 28.2 84.7

150 158.0 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 70.667 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY019576.D

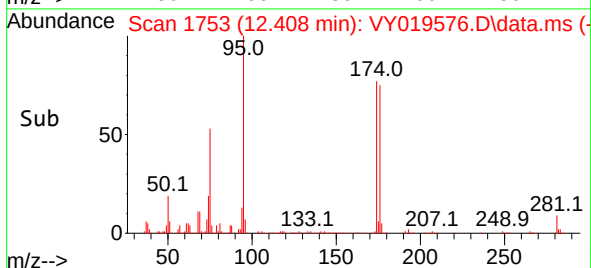
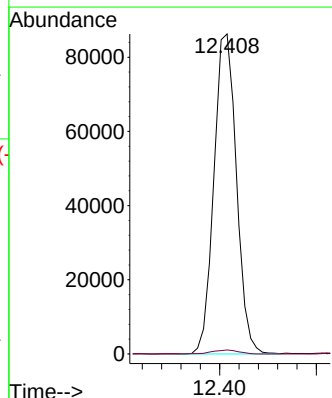
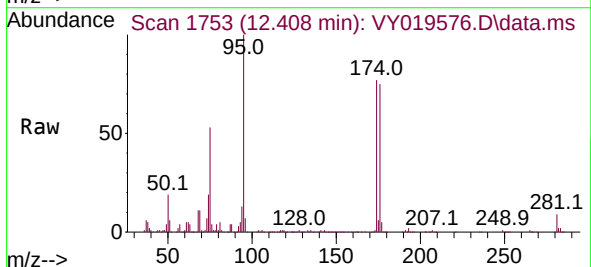
Acq: 17 Sep 2024 11:18

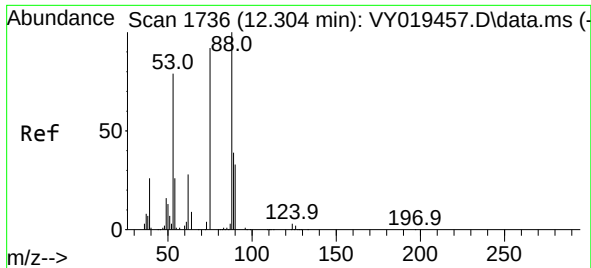
Tgt Ion: 75 Resp: 139563

Ion Ratio Lower Upper

75 100

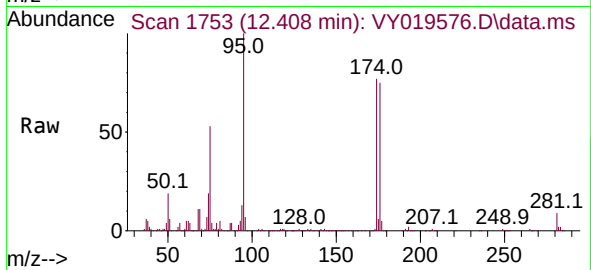
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 135.660 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY019576.D
 Acq: 17 Sep 2024 11:18

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 139563
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.2 35.8 53.6#

