

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091624\
 Data File : VY019568.D
 Acq On : 16 Sep 2024 15:53
 Operator : SY/MD
 Sample : P4002-05
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 17 02:15:14 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)

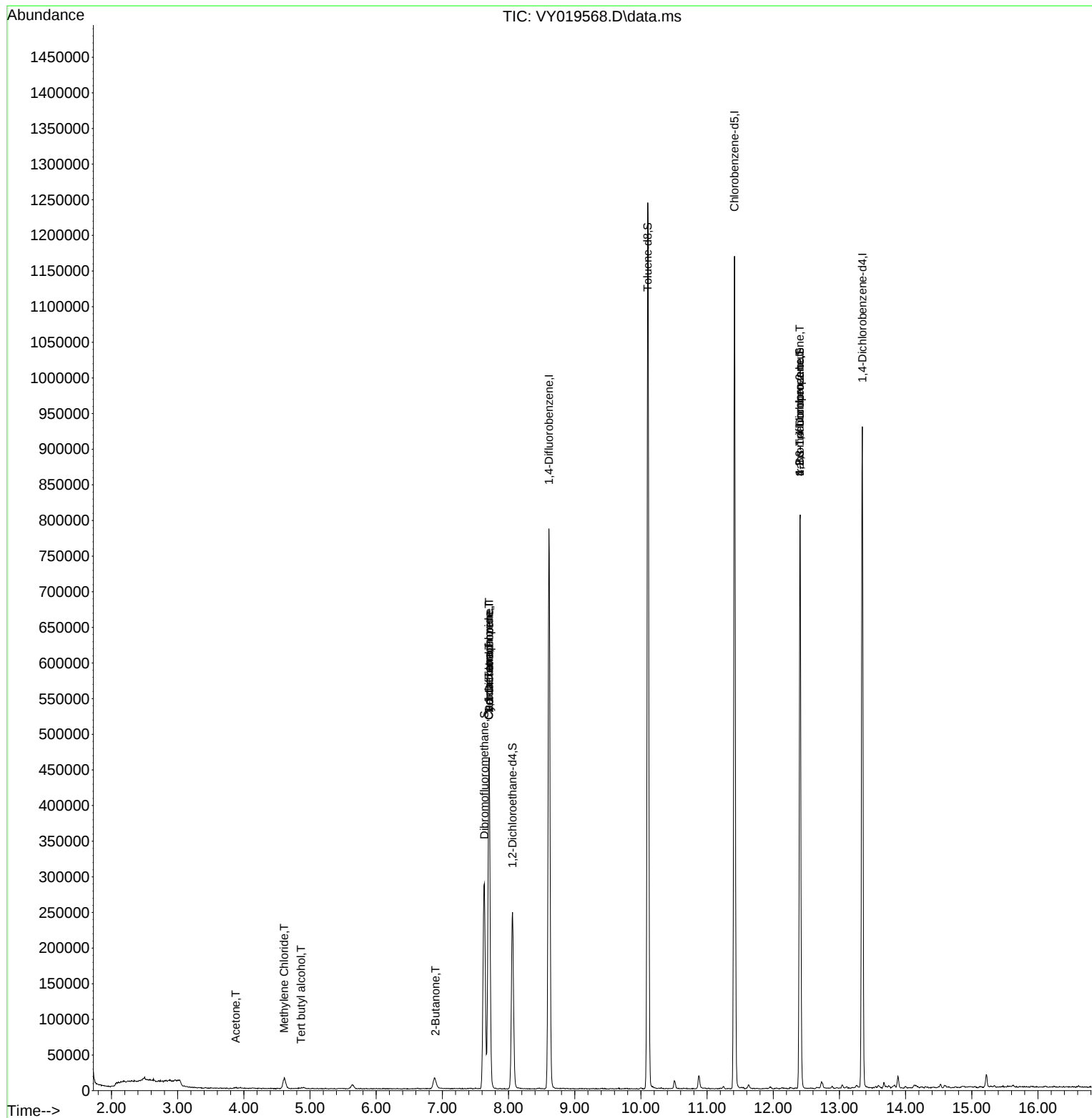
Internal Standards						
1) Pentafluorobenzene	7.707	168	347053	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.610	114	663000	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	591583	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	226669	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	198740	61.843	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.680%	
35) Dibromofluoromethane	7.634	113	209445	55.717	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.440%	
50) Toluene-d8	10.103	98	795008	57.178	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 114.360%	
62) 4-Bromofluorobenzene	12.402	95	259079	48.460	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 96.920%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	221	Below Cal	#	43
11) Tert butyl alcohol	4.866	59	1149	4.427	ug/l #	91
13) Acrolein	3.665	56	168	Below Cal	#	56
16) Acetone	3.879	43	2000	2.612	ug/l #	63
20) Methylene Chloride	4.610	84	10655	3.052	ug/l #	76
25) 2-Butanone	6.896	43	1350	1.240	ug/l #	41
31) Cyclohexane	7.701	56	8296	1.442	ug/l #	11
36) 1,1-Dichloropropene	7.707	75	29771	5.820	ug/l #	48
38) Carbon Tetrachloride	7.701	117	36511	6.330	ug/l #	16
76) 1,2,3-Trichloropropane	12.402	75	137708	64.818	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	137708	124.431	ug/l #	16

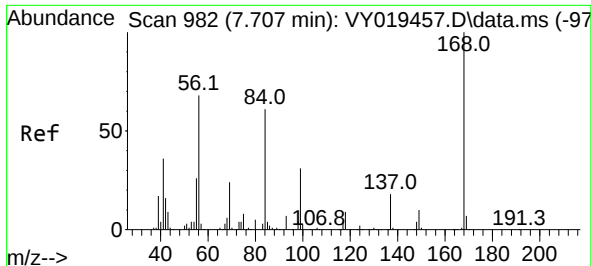
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091624\
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Quant Time: Sep 17 02:15:14 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

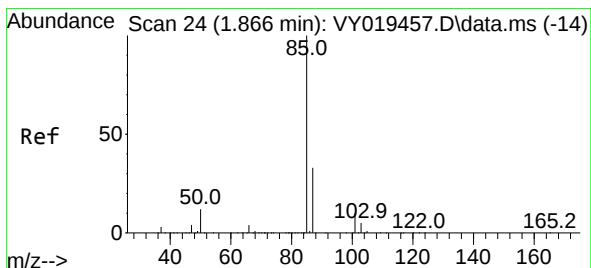
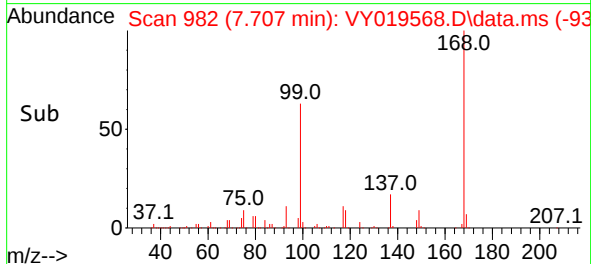
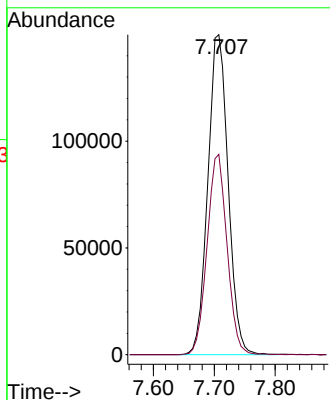
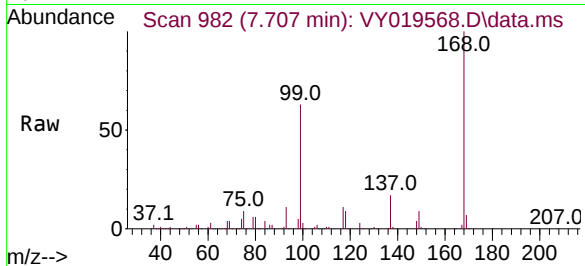




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019568.D
Acq: 16 Sep 2024 15:53

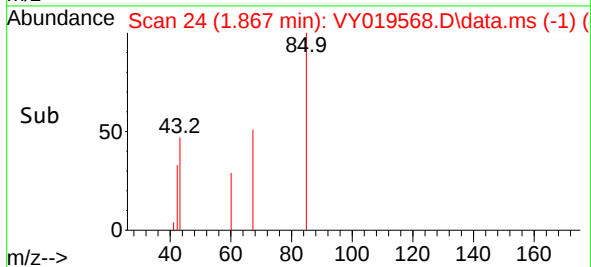
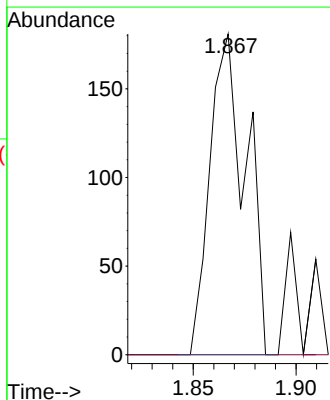
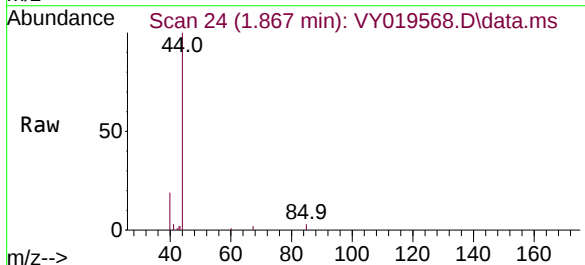
Instrument :
MSVOA_Y
ClientSampleId :

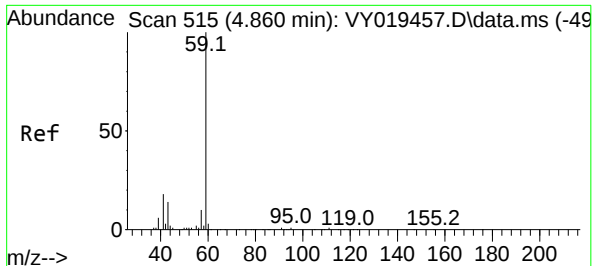
Tgt Ion:168 Resp: 347053
Ion Ratio Lower Upper
168 100
99 62.6 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019568.D
Acq: 16 Sep 2024 15:53

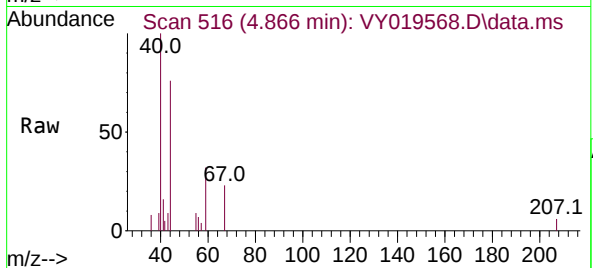
Tgt Ion: 85 Resp: 221
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#



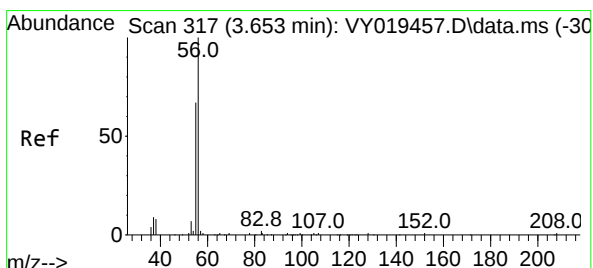
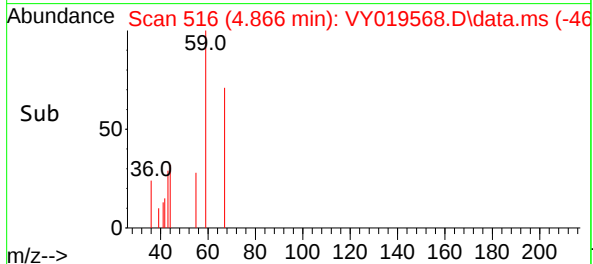
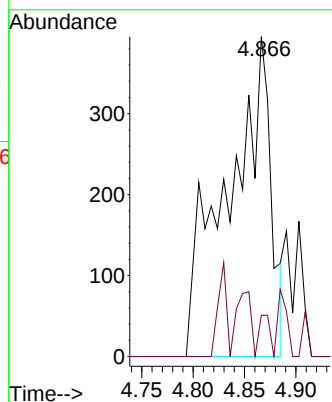


#11
Tert butyl alcohol
Concen: 4.427 ug/l
RT: 4.866 min Scan# 51
Delta R.T. 0.007 min
Lab File: VY019568.D
Acq: 16 Sep 2024 15:53

Instrument :
MSVOA_Y
ClientSampleId :

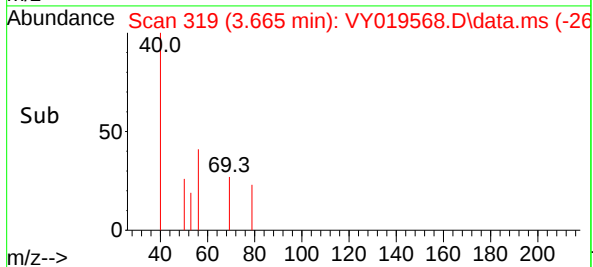
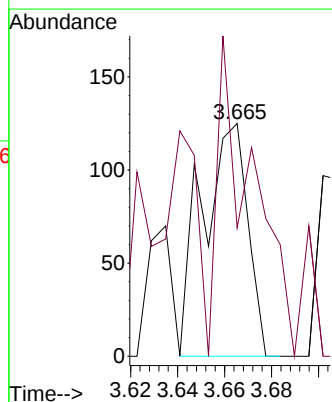
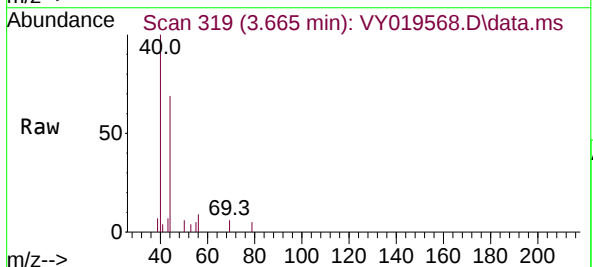


Tgt Ion: 59 Resp: 1149
Ion Ratio Lower Upper
59 100
57 6.9 3.0 4.6#



#13
Acrolein
Concen: Below Cal
RT: 3.665 min Scan# 319
Delta R.T. 0.012 min
Lab File: VY019568.D
Acq: 16 Sep 2024 15:53

Tgt Ion: 56 Resp: 168
Ion Ratio Lower Upper
56 100
55 106.0 55.7 83.5#

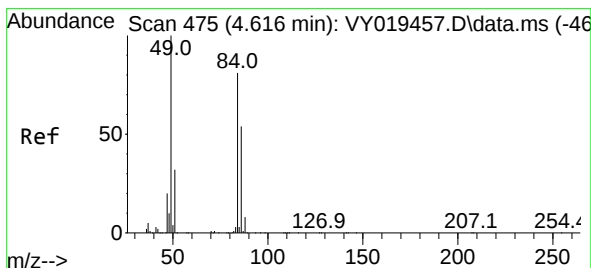
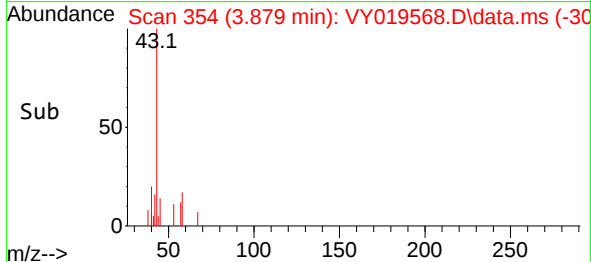
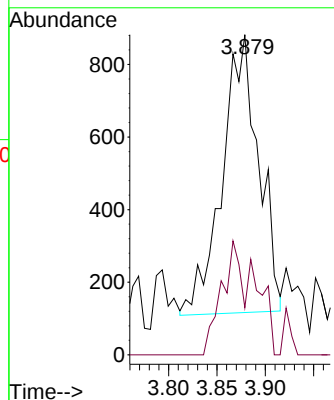
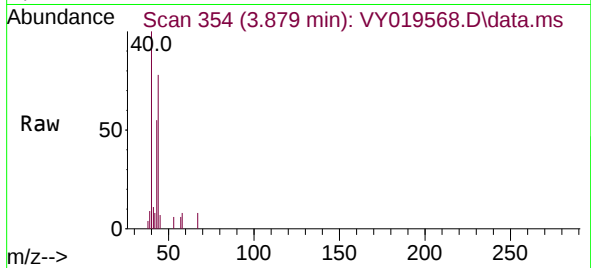




#16
Acetone
Concen: 2.612 ug/l
RT: 3.879 min Scan# 31
Delta R.T. 0.007 min
Lab File: VY019568.D
Acq: 16 Sep 2024 15:53

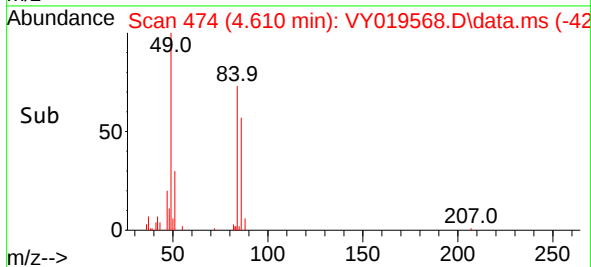
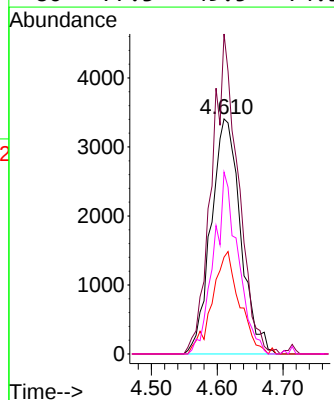
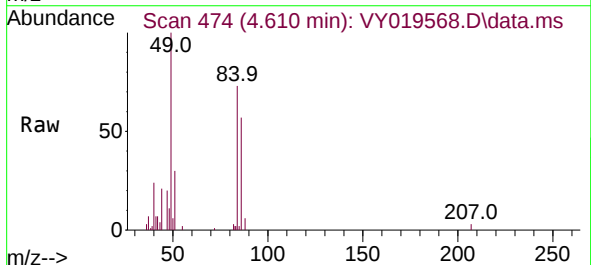
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 2000
Ion Ratio Lower Upper
43 100
58 17.1 31.7 47.5#



#20
Methylene Chloride
Concen: 3.052 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY019568.D
Acq: 16 Sep 2024 15:53

Tgt Ion: 84 Resp: 10655
Ion Ratio Lower Upper
84 100
49 136.2 84.4 126.6#
51 41.2 26.0 39.0#
86 77.3 49.5 74.3#

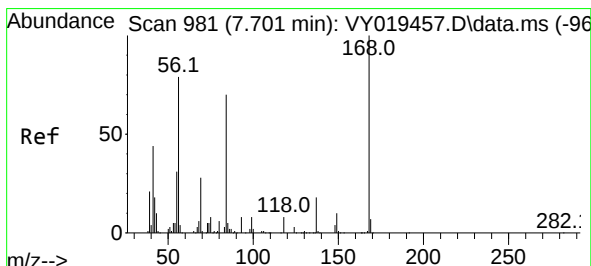
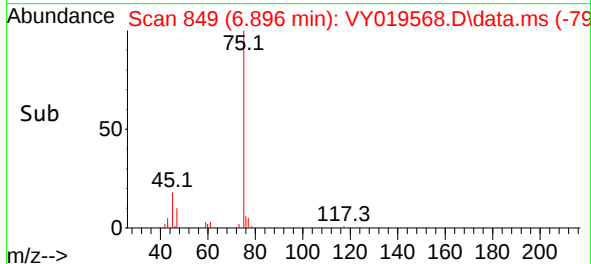
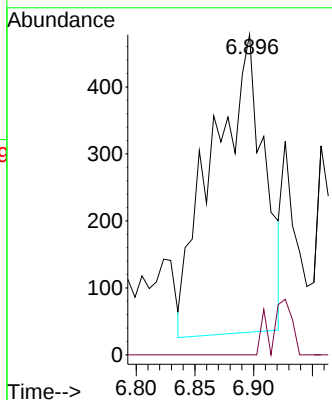
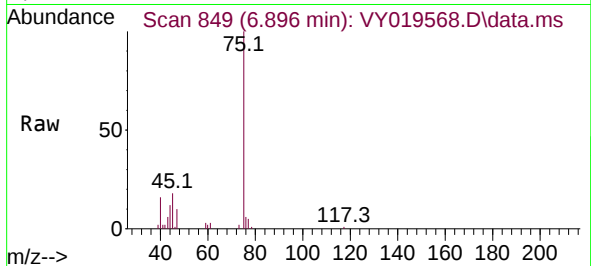




#25
2-Butanone
Concen: 1.240 ug/l
RT: 6.896 min Scan# 848
Delta R.T. 0.007 min
Lab File: VY019568.D
Acq: 16 Sep 2024 15:53

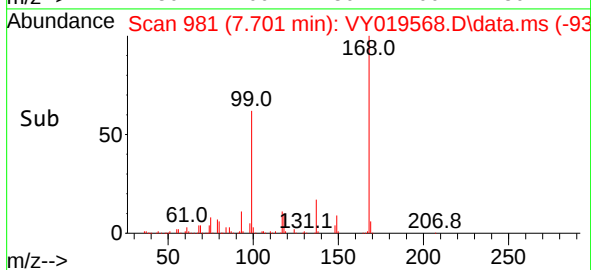
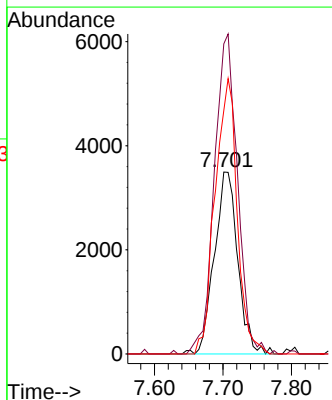
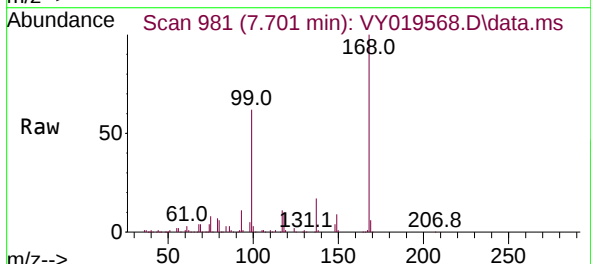
Instrument :
MSVOA_Y
ClientSampleId :

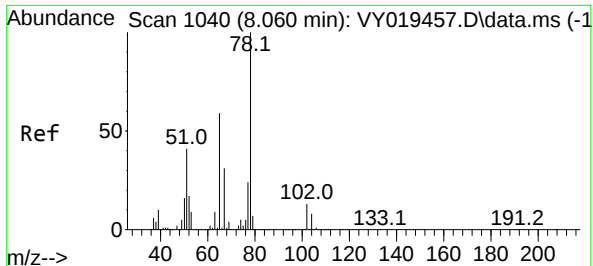
Tgt Ion: 43 Resp: 1350
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#



#31
Cyclohexane
Concen: 1.442 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019568.D
Acq: 16 Sep 2024 15:53

Tgt Ion: 56 Resp: 8296
Ion Ratio Lower Upper
56 100
69 170.5 28.7 43.1#
84 133.8 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 61.843 ug/l

RT: 8.061 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY019568.D

Acq: 16 Sep 2024 15:53

Instrument :

MSVOA_Y

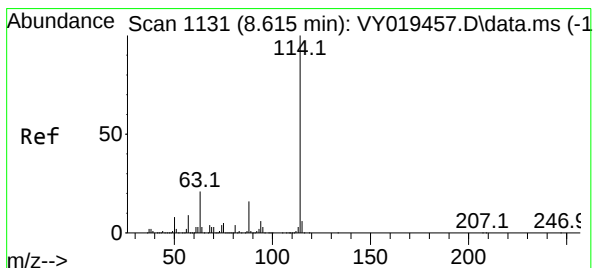
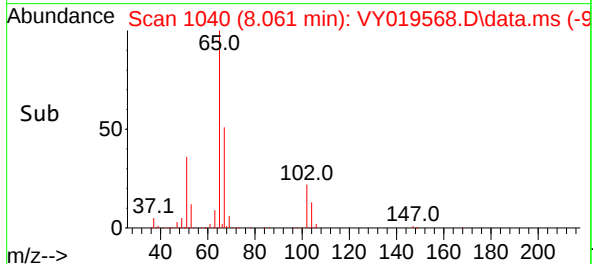
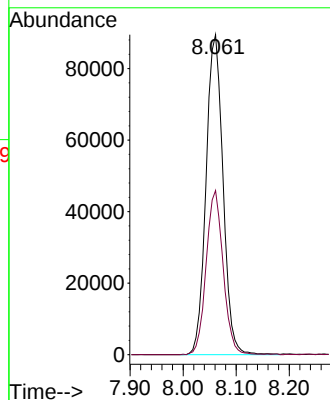
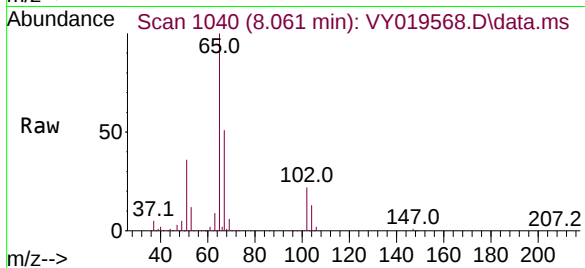
ClientSampleId :

Tgt Ion: 65 Resp: 198740

Ion Ratio Lower Upper

65 100

67 51.4 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY019568.D

Acq: 16 Sep 2024 15:53

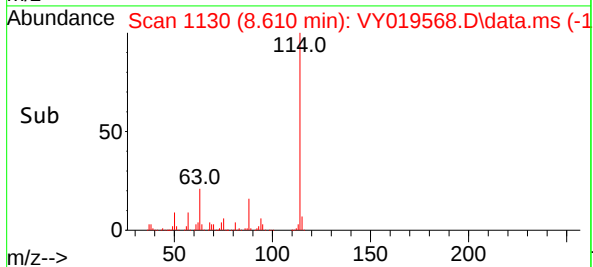
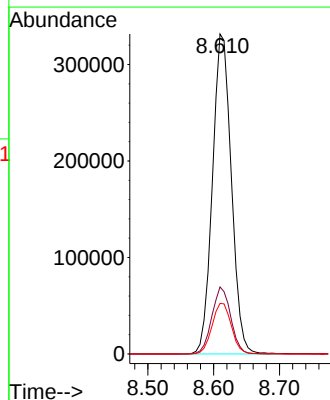
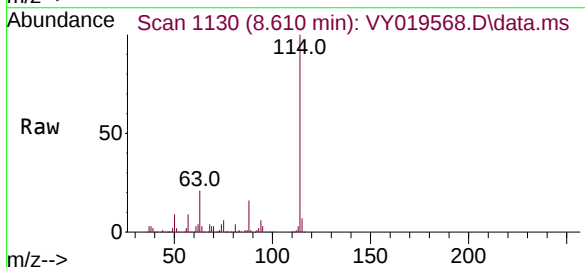
Tgt Ion: 114 Resp: 663000

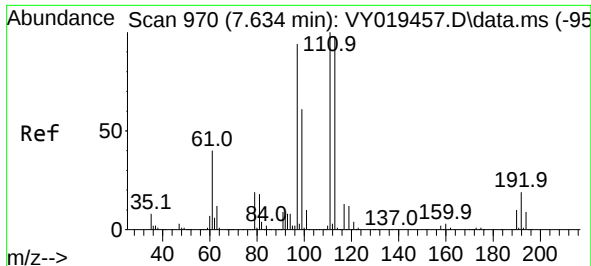
Ion Ratio Lower Upper

114 100

63 21.0 0.0 35.0

88 15.8 0.0 27.2



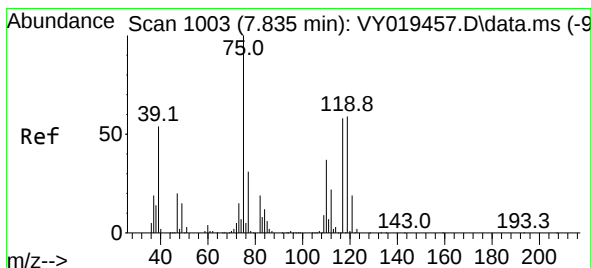
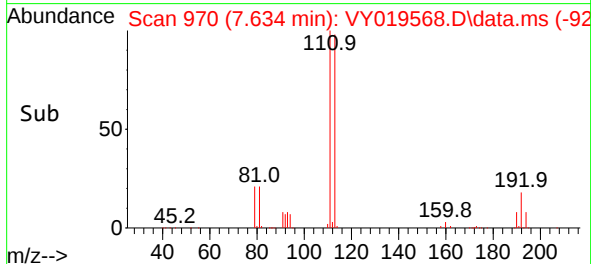
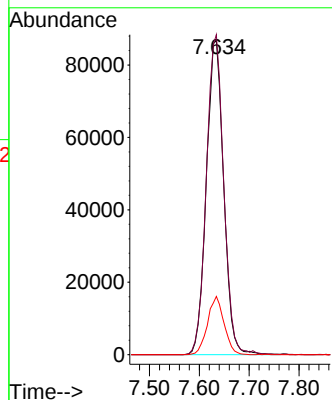
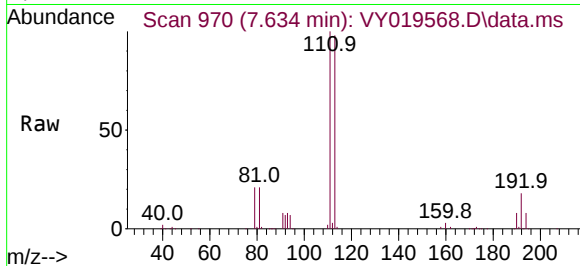


#35
 Dibromofluoromethane
 Concen: 55.717 ug/l
 RT: 7.634 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VY019568.D
 Acq: 16 Sep 2024 15:53

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:113 Resp: 209445

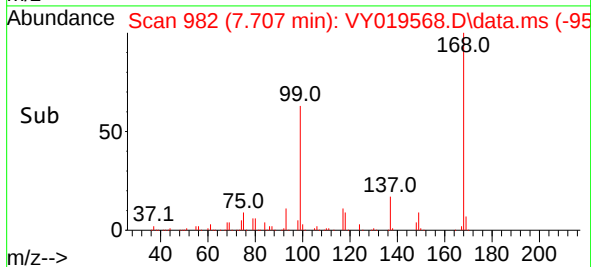
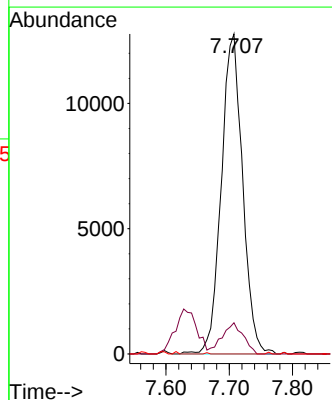
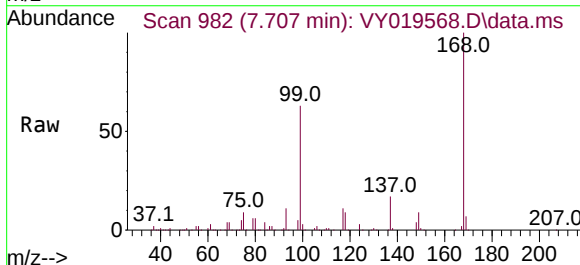
Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.2	123.4
192	17.7	15.9	23.9

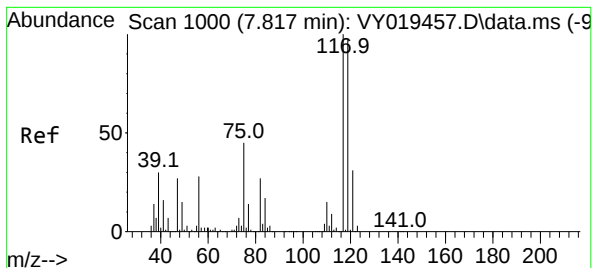


#36
 1,1-Dichloropropene
 Concen: 5.820 ug/l
 RT: 7.707 min Scan# 982
 Delta R.T. -0.128 min
 Lab File: VY019568.D
 Acq: 16 Sep 2024 15:53

Tgt Ion: 75 Resp: 29771

Ion	Ratio	Lower	Upper
75	100		
110	9.5	19.0	57.0#
77	0.0	25.3	37.9#





#38

Carbon Tetrachloride

Concen: 6.330 ug/l

RT: 7.701 min Scan# 91

Delta R.T. -0.115 min

Lab File: VY019568.D

Acq: 16 Sep 2024 15:53

Instrument :

MSVOA_Y

ClientSampleId :

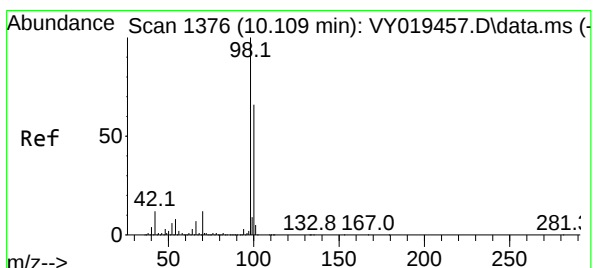
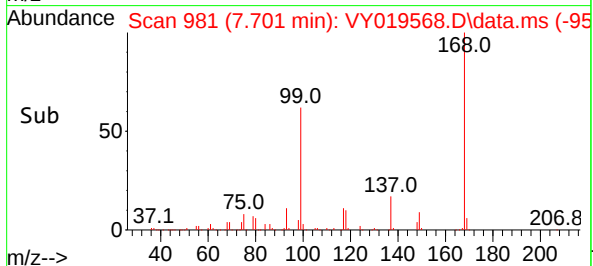
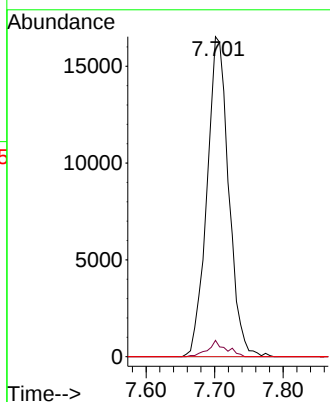
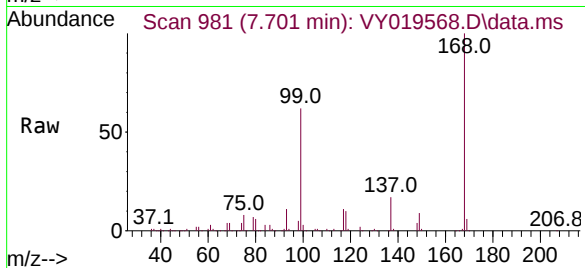
Tgt Ion:117 Resp: 36511

Ion Ratio Lower Upper

117 100

119 5.1 75.8 113.6#

121 0.0 24.0 36.0#



#50

Toluene-d8

Concen: 57.178 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY019568.D

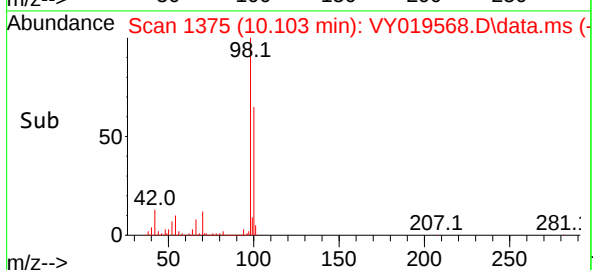
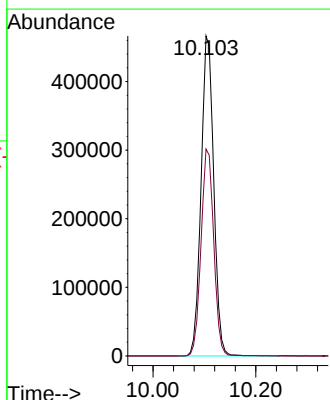
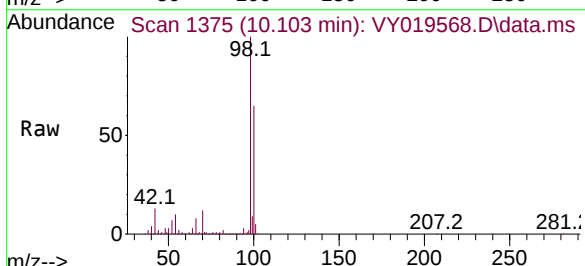
Acq: 16 Sep 2024 15:53

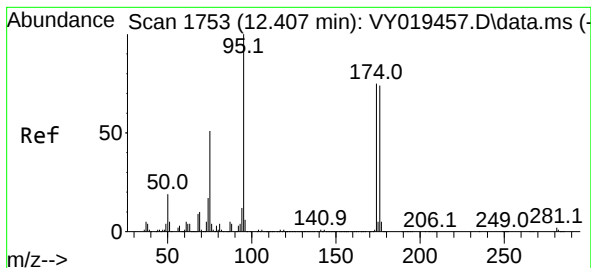
Tgt Ion: 98 Resp: 795008

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0

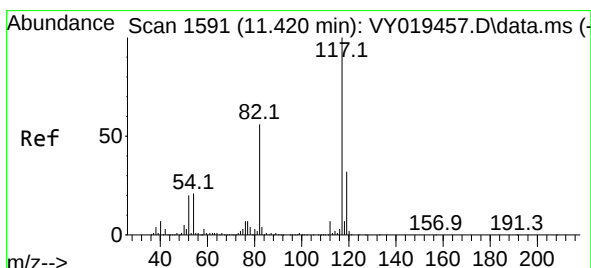
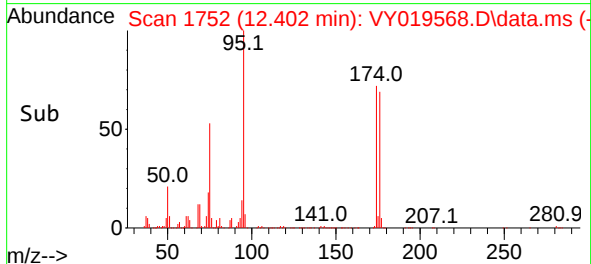
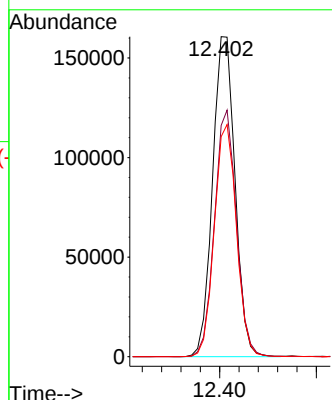
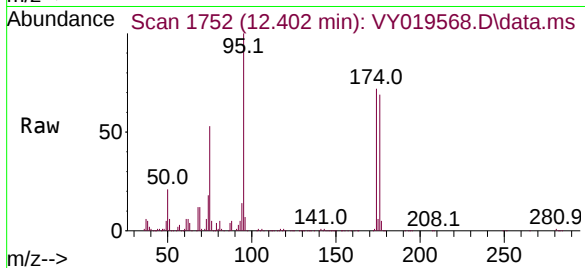




#62
4-Bromofluorobenzene
Concen: 48.460 ug/l
RT: 12.402 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019568.D
Acq: 16 Sep 2024 15:53

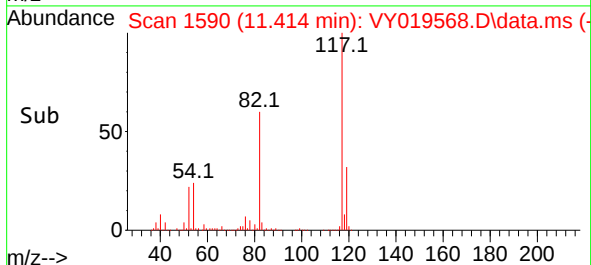
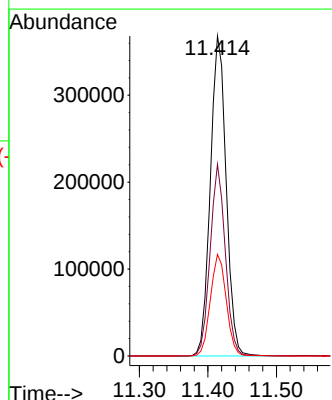
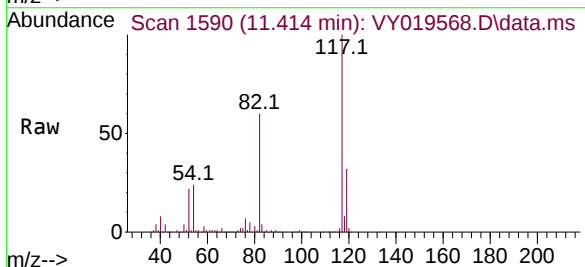
Instrument :
MSVOA_Y
ClientSampleId :

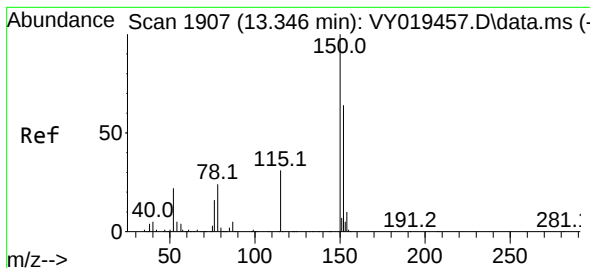
Tgt Ion: 95 Resp: 259079
Ion Ratio Lower Upper
95 100
174 75.3 0.0 175.6
176 71.5 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019568.D
Acq: 16 Sep 2024 15:53

Tgt Ion: 117 Resp: 591583
Ion Ratio Lower Upper
117 100
82 59.9 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: VY019568.D

Acq: 16 Sep 2024 15:53

Instrument :

MSVOA_Y

ClientSampleId :

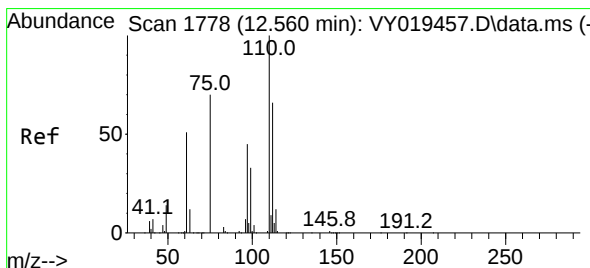
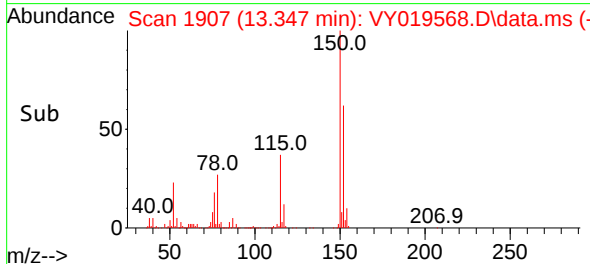
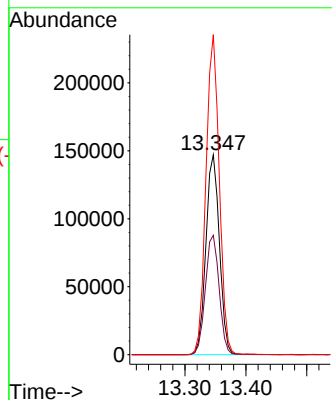
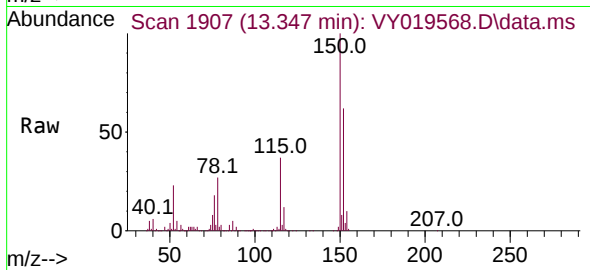
Tgt Ion:152 Resp: 226669

Ion Ratio Lower Upper

152 100

115 61.1 28.2 84.7

150 157.3 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 64.818 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.158 min

Lab File: VY019568.D

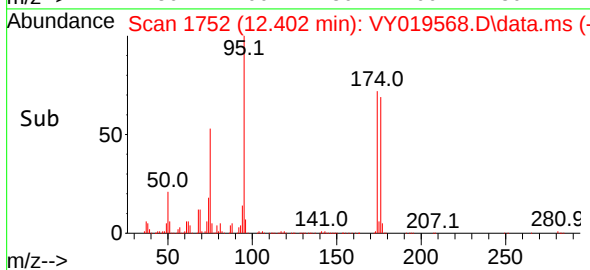
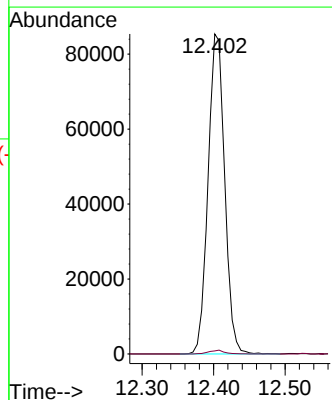
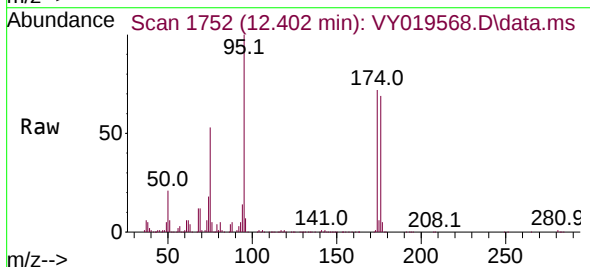
Acq: 16 Sep 2024 15:53

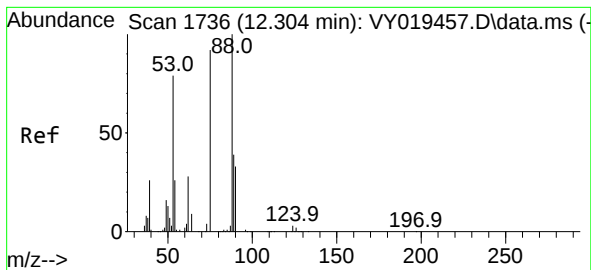
Tgt Ion: 75 Resp: 137708

Ion Ratio Lower Upper

75 100

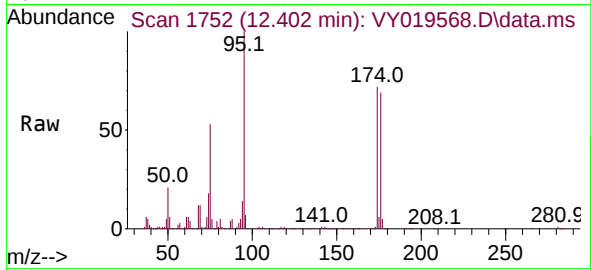
77 1.1 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 124.431 ug/l
RT: 12.402 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY019568.D
Acq: 16 Sep 2024 15:53

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 137708
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.0 35.8 53.6#

