

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091124\
 Data File : VY019513.D
 Acq On : 11 Sep 2024 16:53
 Operator : SY/MD
 Sample : P3906-09
 Misc : 4.33g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 12 01:33:38 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)

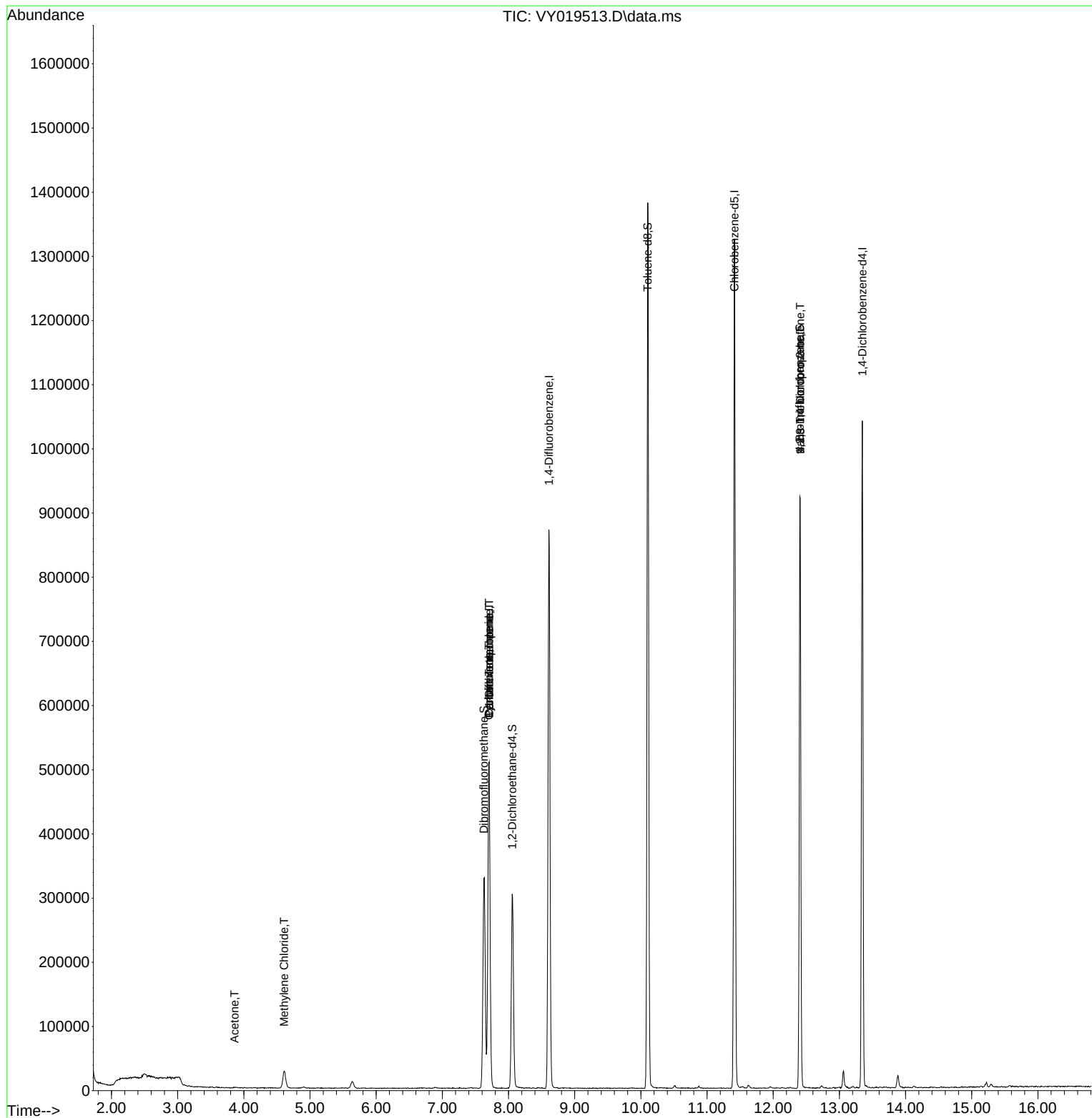
Internal Standards						
1) Pentafluorobenzene	7.707	168	379149	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.609	114	743571	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	671029	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	251526	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	242572	69.092	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 138.180%		
35) Dibromofluoromethane	7.628	113	238871	56.659	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 113.320%		
50) Toluene-d8	10.103	98	887343	56.904	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 113.800%		
62) 4-Bromofluorobenzene	12.401	95	297760	49.661	ug/l	0.00
Spiked Amount	50.000	Range 29 - 146	Recovery	= 99.320%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	243	Below Cal	#	43
13) Acrolein	3.635	56	245	Below Cal		84
16) Acetone	3.860	43	1370	1.638	ug/l	93
20) Methylene Chloride	4.610	84	19947	5.229	ug/l	93
31) Cyclohexane	7.701	56	9422	1.500	ug/l	# 23
36) 1,1-Dichloropropene	7.707	75	32967	5.747	ug/l	# 48
38) Carbon Tetrachloride	7.707	117	41508	6.416	ug/l	# 16
76) 1,2,3-Trichloropropane	12.407	75	159473	67.644	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.407	75	159473	129.857	ug/l	# 16

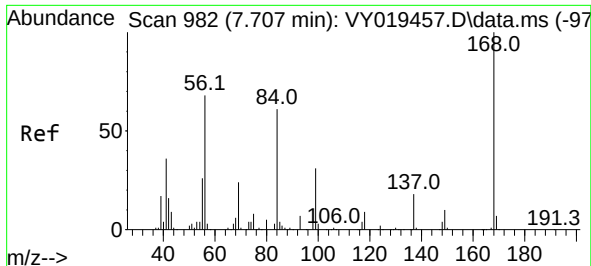
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091124\
Data File : VY019513.D
Acq On : 11 Sep 2024 16:53
Operator : SY/MD
Sample : P3906-09
Misc : 4.33g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Sep 12 01:33:38 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

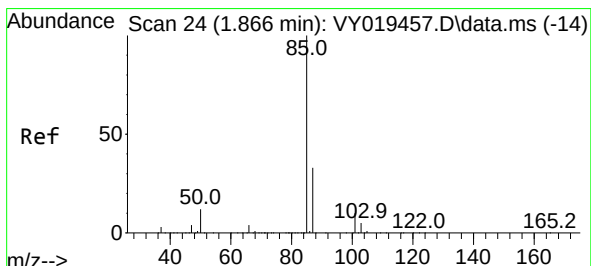
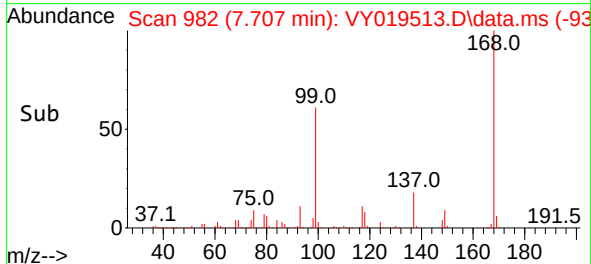
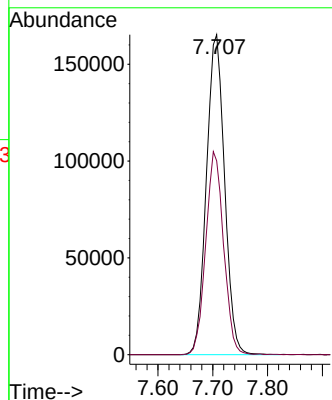
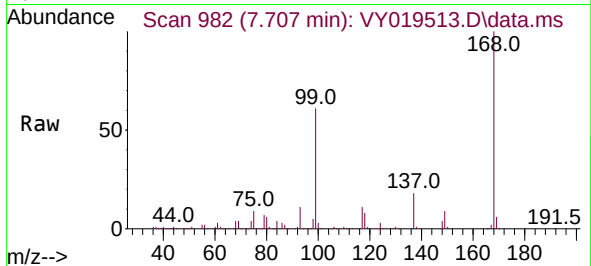




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019513.D
Acq: 11 Sep 2024 16:53

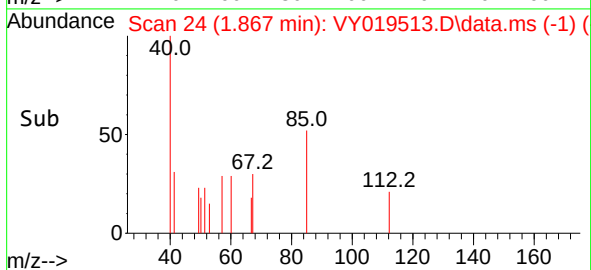
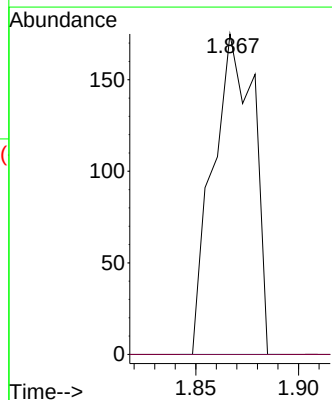
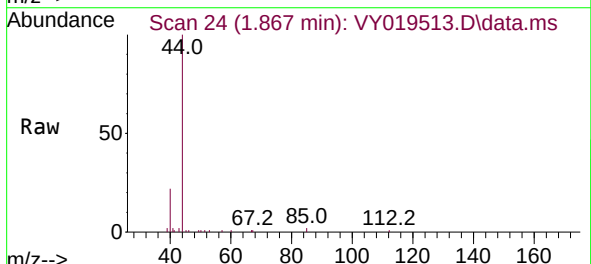
Instrument :
MSVOA_Y
ClientSampleId :

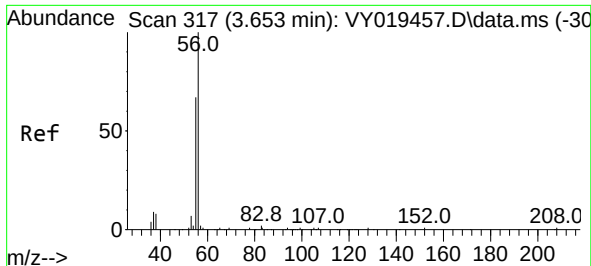
Tgt Ion:168 Resp: 379149
Ion Ratio Lower Upper
168 100
99 60.6 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019513.D
Acq: 11 Sep 2024 16:53

Tgt Ion: 85 Resp: 243
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#

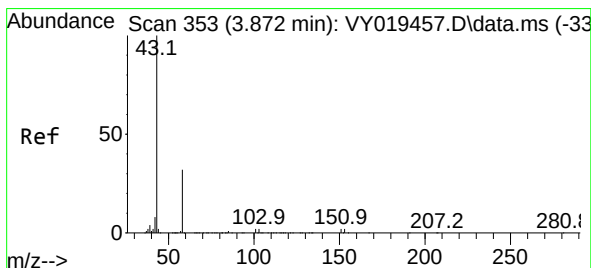
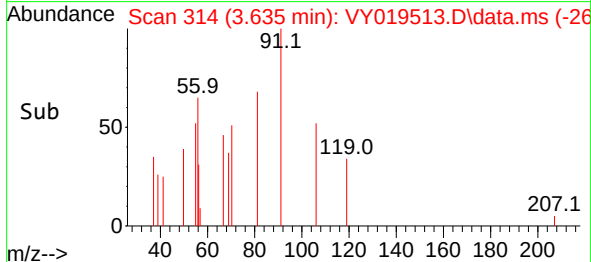
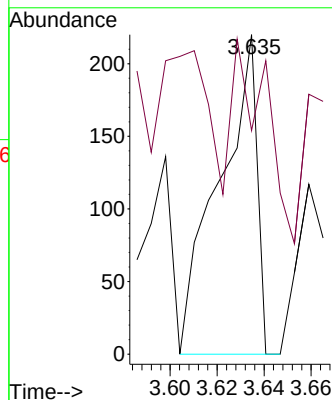
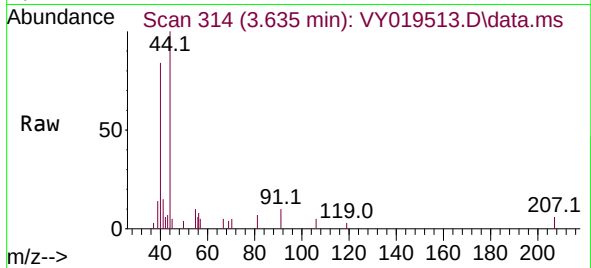




#13
Acrolein
Concen: Below Cal
RT: 3.635 min Scan# 317
Delta R.T. -0.018 min
Lab File: VY019513.D
Acq: 11 Sep 2024 16:53

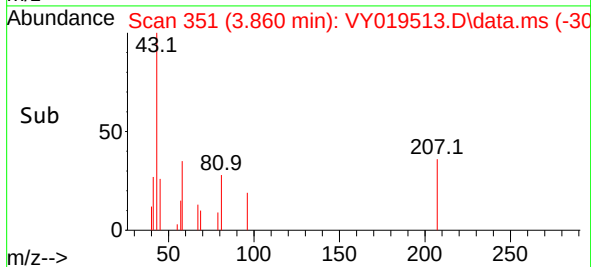
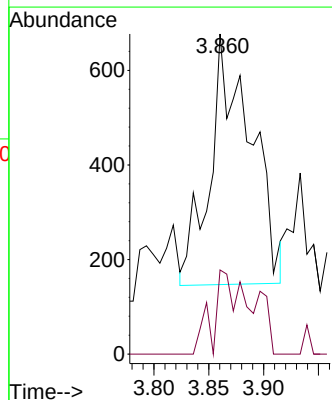
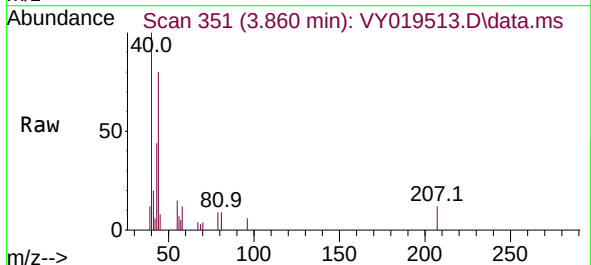
Instrument :
MSVOA_Y
ClientSampleId :

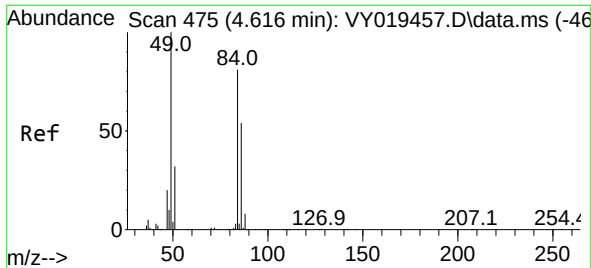
Tgt Ion: 56 Resp: 245
Ion Ratio Lower Upper
56 100
55 56.7 55.7 83.5



#16
Acetone
Concen: 1.638 ug/l
RT: 3.860 min Scan# 351
Delta R.T. -0.012 min
Lab File: VY019513.D
Acq: 11 Sep 2024 16:53

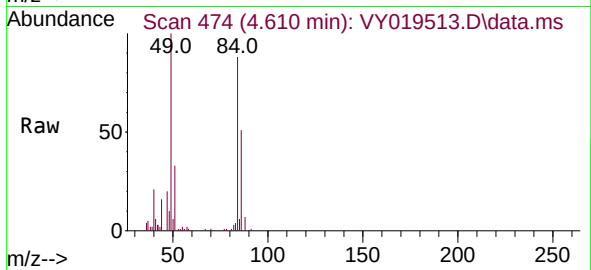
Tgt Ion: 43 Resp: 1370
Ion Ratio Lower Upper
43 100
58 35.3 31.7 47.5



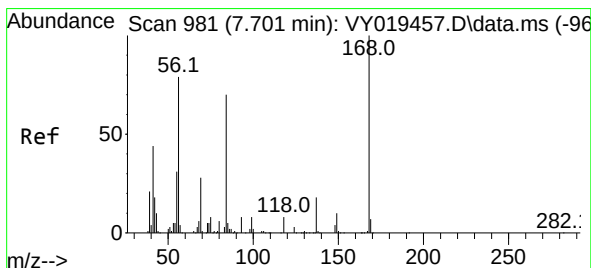
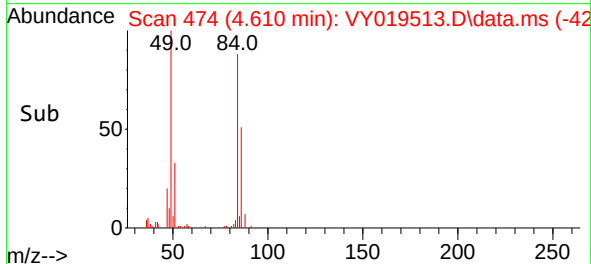
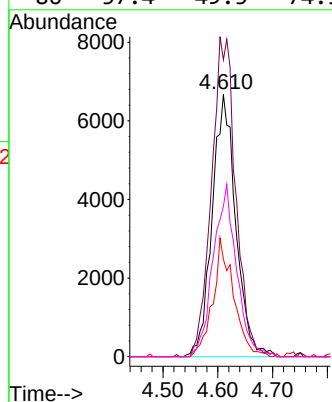


#20
Methylene Chloride
Concen: 5.229 ug/l
RT: 4.610 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY019513.D
Acq: 11 Sep 2024 16:53

Instrument :
MSVOA_Y
ClientSampleId :

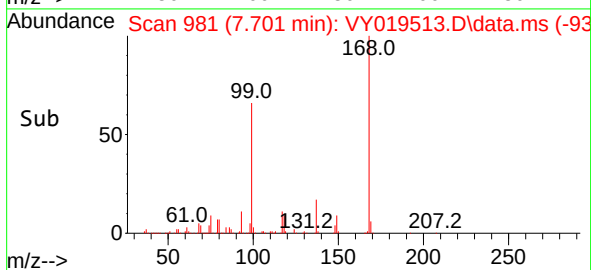
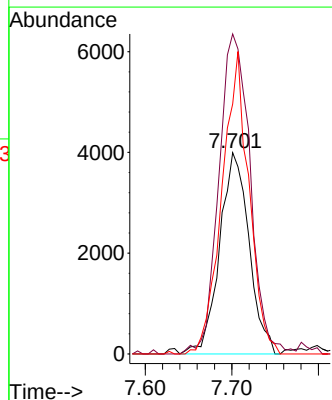
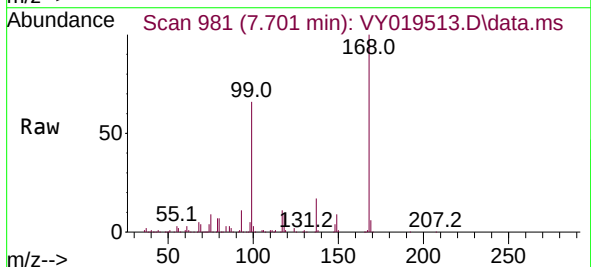


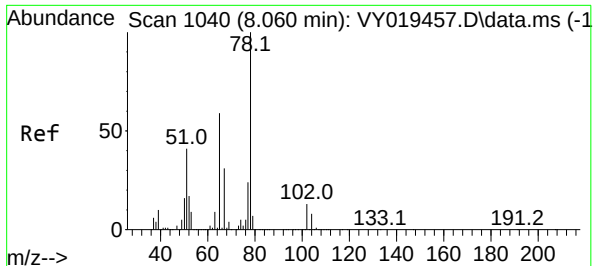
Tgt Ion:	84	Resp:	19947
Ion	Ratio	Lower	Upper
84	100		
49	113.2	84.4	126.6
51	37.1	26.0	39.0
86	57.4	49.5	74.3



#31
Cyclohexane
Concen: 1.500 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019513.D
Acq: 11 Sep 2024 16:53

Tgt Ion:	56	Resp:	9422
Ion	Ratio	Lower	Upper
56	100		
69	159.0	28.7	43.1#
84	124.2	77.7	116.5#





#33

1,2-Dichloroethane-d4

Concen: 69.092 ug/l

RT: 8.055 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY019513.D

Acq: 11 Sep 2024 16:53

Instrument :

MSVOA_Y

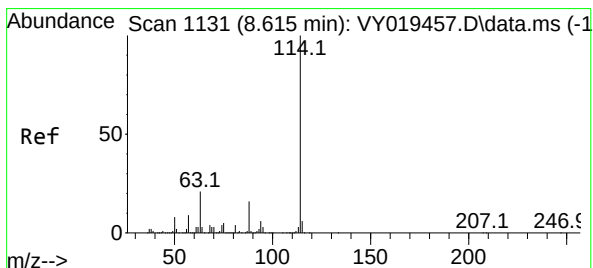
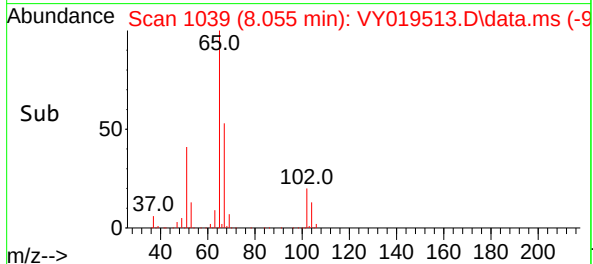
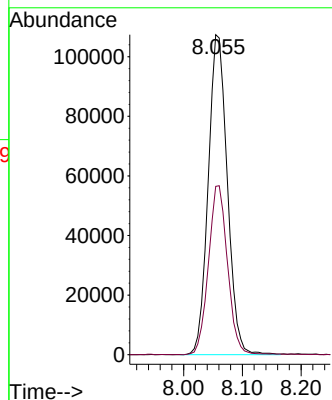
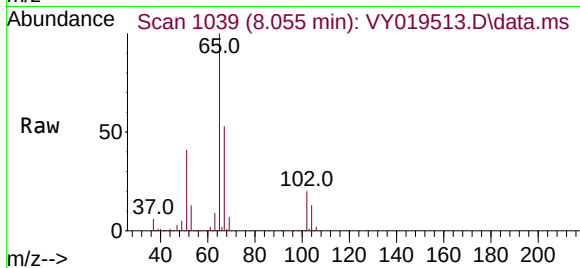
ClientSampleId :

Tgt Ion: 65 Resp: 242572

Ion Ratio Lower Upper

65 100

67 53.0 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: VY019513.D

Acq: 11 Sep 2024 16:53

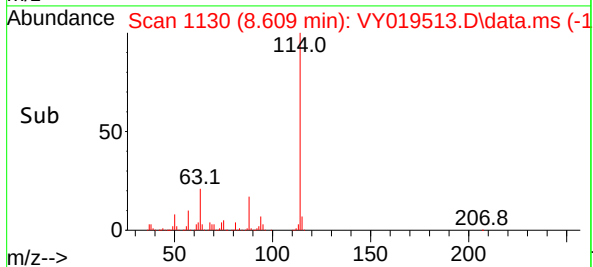
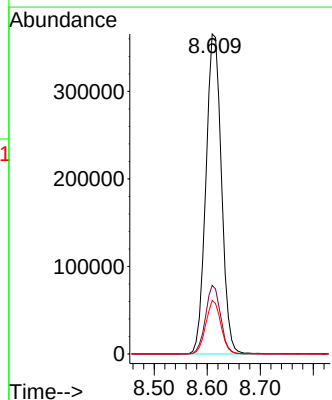
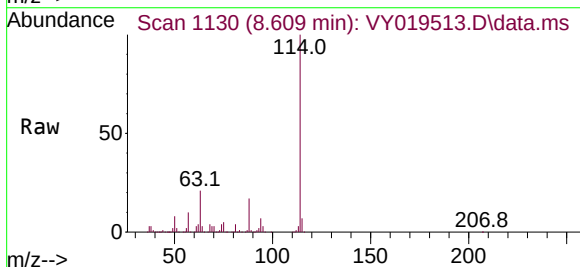
Tgt Ion: 114 Resp: 743571

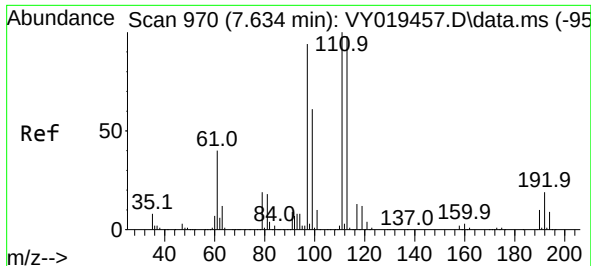
Ion Ratio Lower Upper

114 100

63 21.4 0.0 35.0

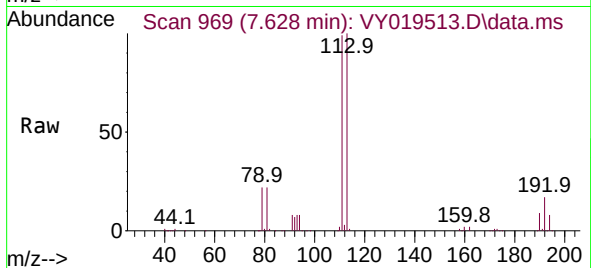
88 16.7 0.0 27.2



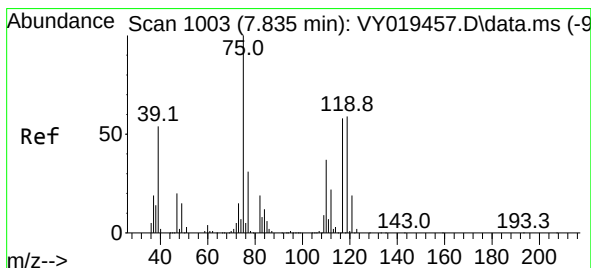
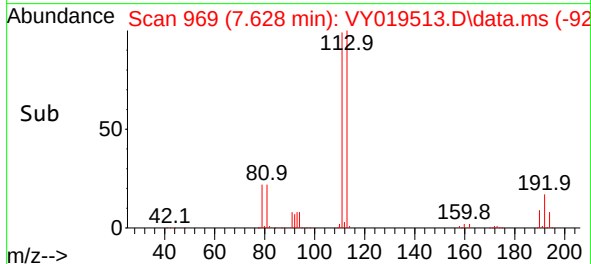
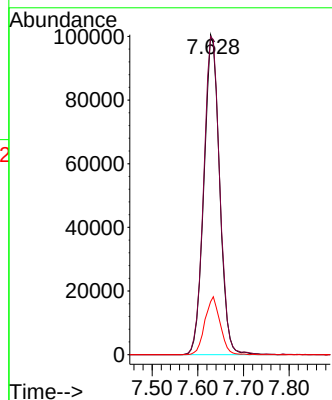


#35
Dibromofluoromethane
Concen: 56.659 ug/l
RT: 7.628 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019513.D
Acq: 11 Sep 2024 16:53

Instrument :
MSVOA_Y
ClientSampleId :

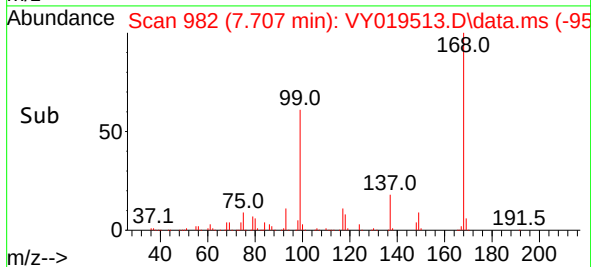
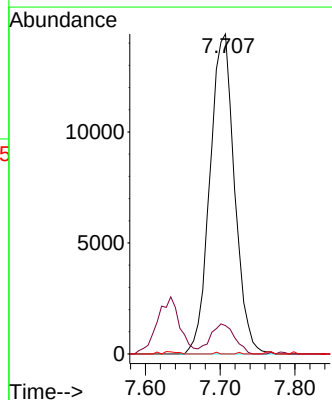
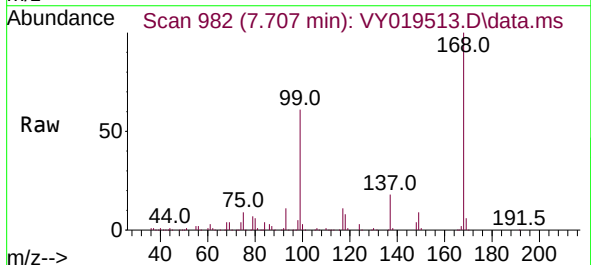


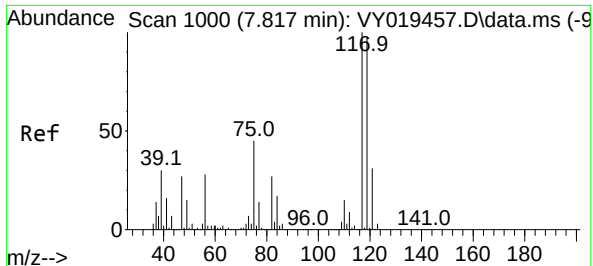
Tgt Ion:113 Resp: 238871
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.4
192 17.6 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.747 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY019513.D
Acq: 11 Sep 2024 16:53

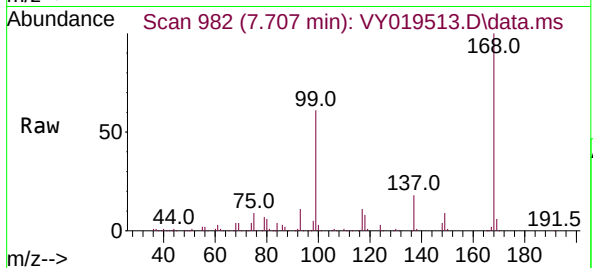
Tgt Ion: 75 Resp: 32967
Ion Ratio Lower Upper
75 100
110 9.2 19.0 57.0#
77 0.1 25.3 37.9#



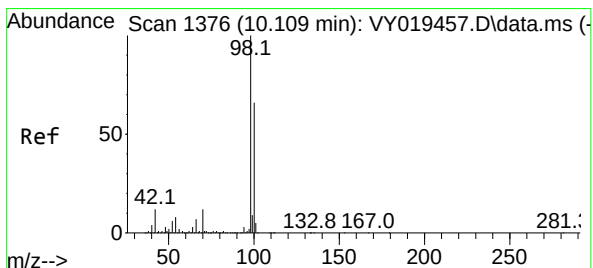
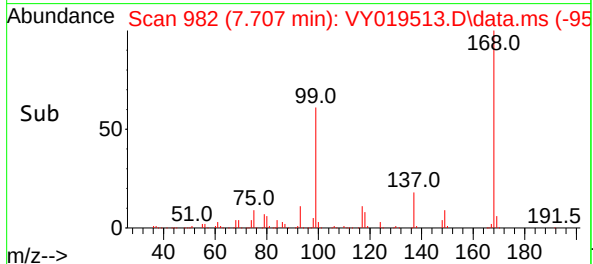
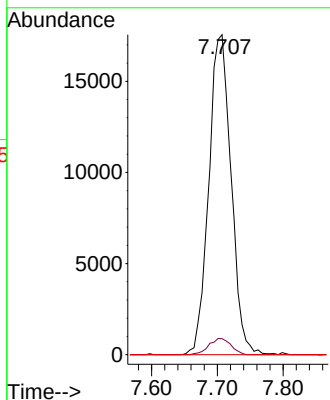


#38
Carbon Tetrachloride
Concen: 6.416 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY019513.D
Acq: 11 Sep 2024 16:53

Instrument :
MSVOA_Y
ClientSampleId :

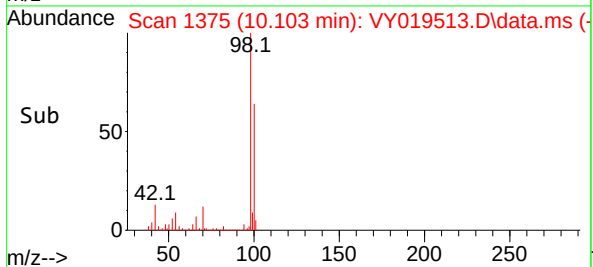
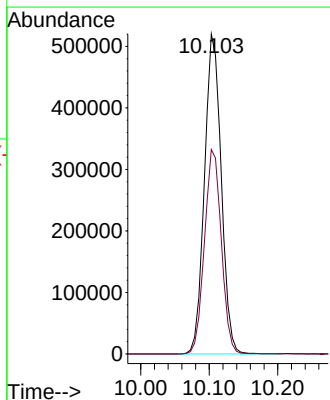
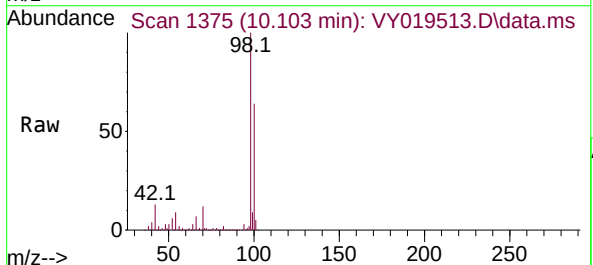


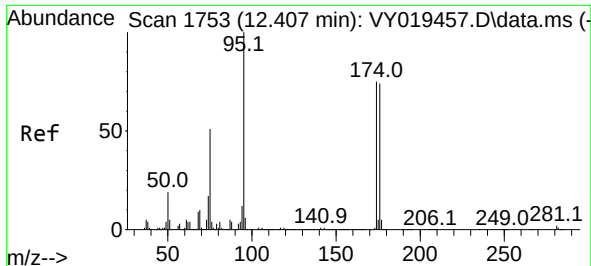
Tgt Ion:117 Resp: 41508
Ion Ratio Lower Upper
117 100
119 5.0 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 56.904 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY019513.D
Acq: 11 Sep 2024 16:53

Tgt Ion: 98 Resp: 887343
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0

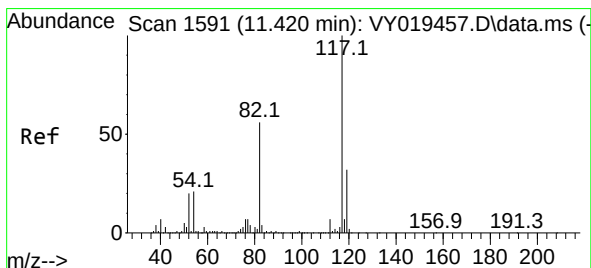
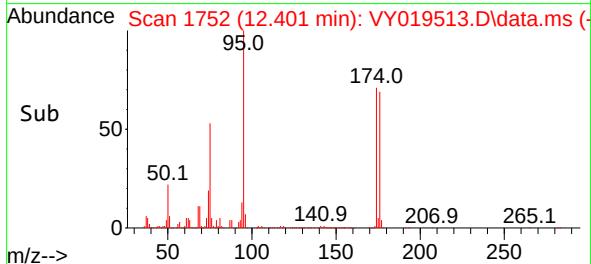
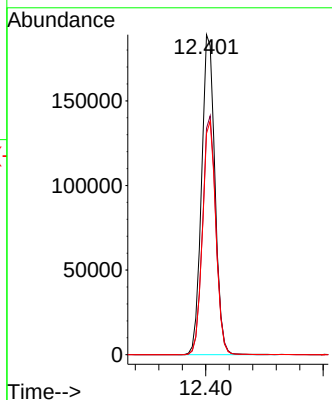
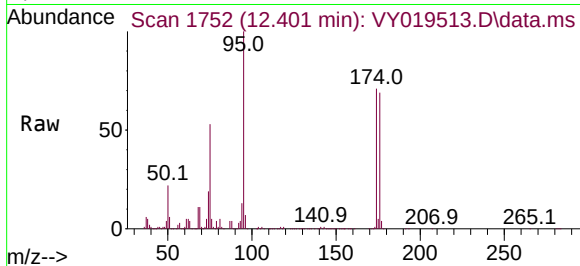




#62
4-Bromofluorobenzene
Concen: 49.661 ug/l
RT: 12.401 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019513.D
Acq: 11 Sep 2024 16:53

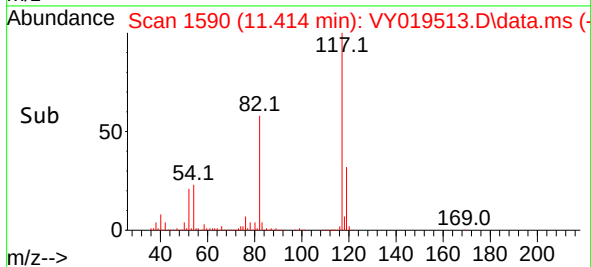
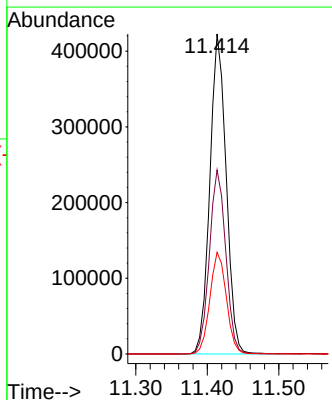
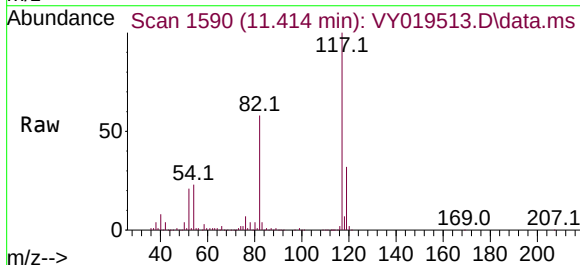
Instrument :
MSVOA_Y
ClientSampleId :

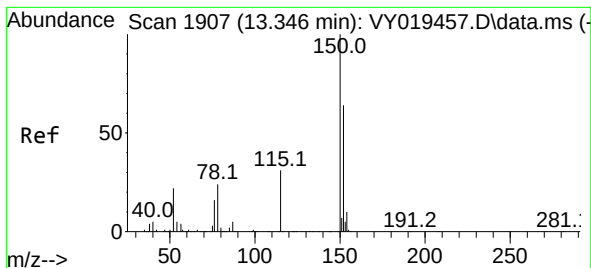
Tgt Ion: 95 Resp: 297760
Ion Ratio Lower Upper
95 100
174 74.4 0.0 175.6
176 72.8 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019513.D
Acq: 11 Sep 2024 16:53

Tgt Ion: 117 Resp: 671029
Ion Ratio Lower Upper
117 100
82 57.5 42.4 63.6
119 31.8 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: VY019513.D

Acq: 11 Sep 2024 16:53

Instrument :

MSVOA_Y

ClientSampleId :

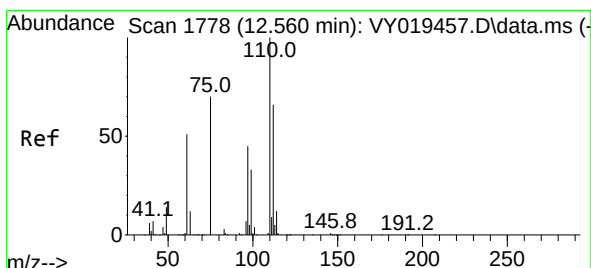
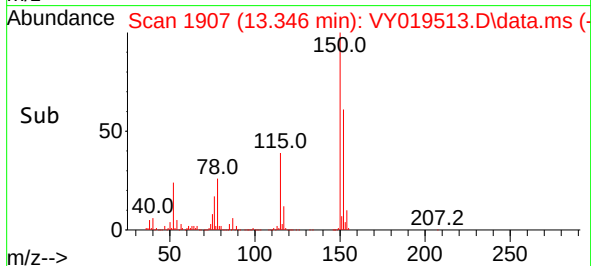
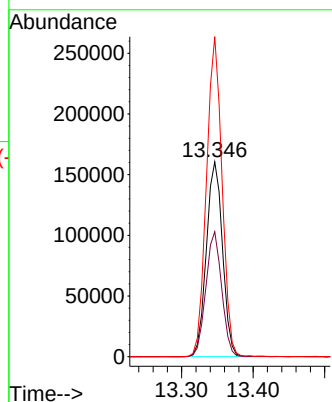
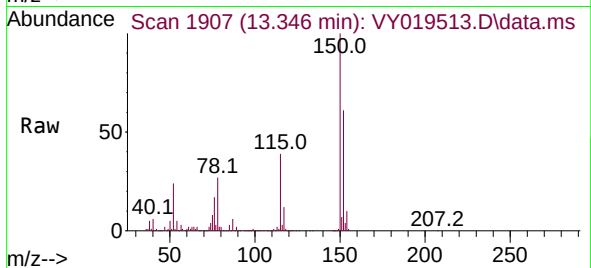
Tgt Ion:152 Resp: 251526

Ion Ratio Lower Upper

152 100

115 62.9 28.2 84.7

150 158.4 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 67.644 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY019513.D

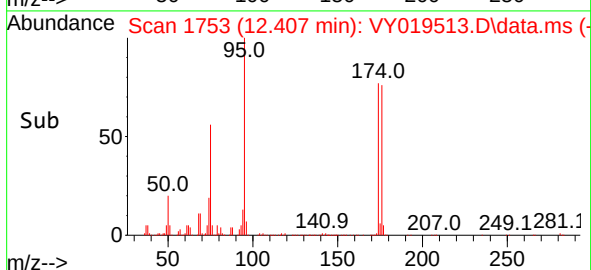
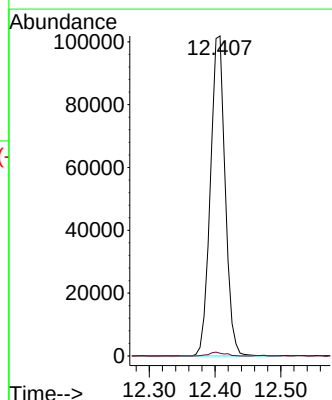
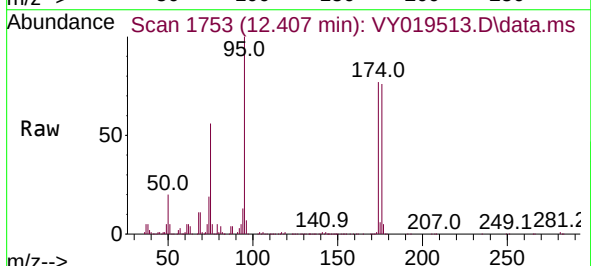
Acq: 11 Sep 2024 16:53

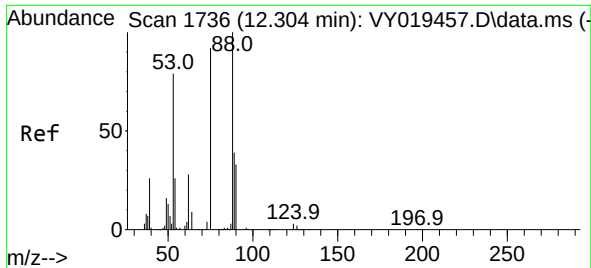
Tgt Ion: 75 Resp: 159473

Ion Ratio Lower Upper

75 100

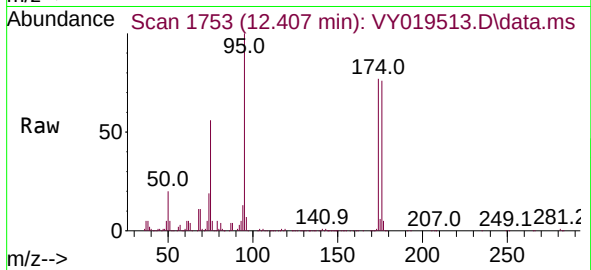
77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 129.857 ug/l
RT: 12.407 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY019513.D
Acq: 11 Sep 2024 16:53

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.0	35.8	53.6#

