

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091024\
 Data File : VY019487.D
 Acq On : 10 Sep 2024 15:00
 Operator : SY/MD
 Sample : P3906-15
 Misc : 3.40g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 11 01:49:51 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)

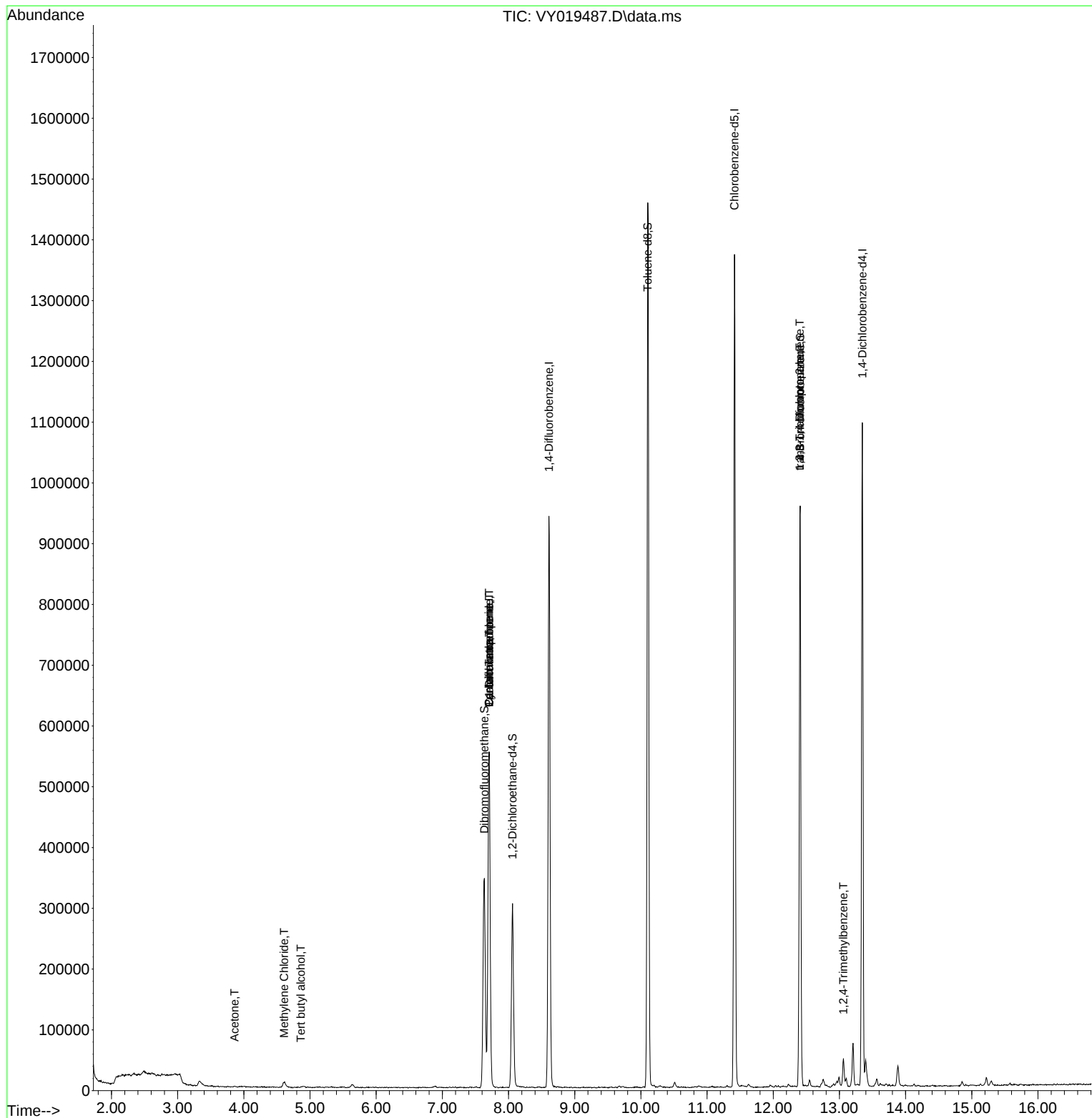
Internal Standards						
1) Pentafluorobenzene	7.707	168	413326	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.610	114	793165	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	698255	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	260022	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	233841	61.098	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.200%	
35) Dibromofluoromethane	7.634	113	250055	55.604	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.200%	
50) Toluene-d8	10.103	98	939768	56.498	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.000%	
62) 4-Bromofluorobenzene	12.408	95	306902	47.985	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 95.960%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	420	Below Cal	#	69
11) Tert butyl alcohol	4.860	59	435	1.407	ug/l #	1
13) Acrolein	3.665	56	234	Below Cal	#	15
16) Acetone	3.860	43	1184	1.299	ug/l #	54
20) Methylene Chloride	4.610	84	6404	1.540	ug/l	92
31) Cyclohexane	7.707	56	10499	1.533	ug/l #	8
36) 1,1-Dichloropropene	7.707	75	34639	5.661	ug/l #	49
38) Carbon Tetrachloride	7.707	117	44504	6.449	ug/l #	16
76) 1,2,3-Trichloropropane	12.402	75	163819	67.217	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	163819	129.037	ug/l #	16
84) 1,2,4-Trimethylbenzene	13.060	105	16907	1.114	ug/l #	33

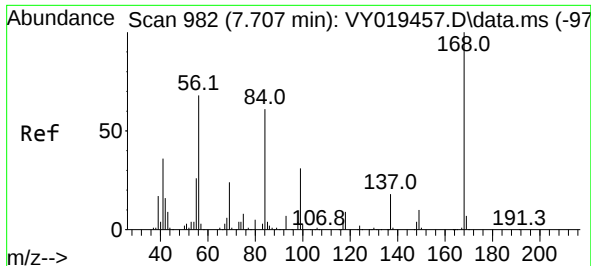
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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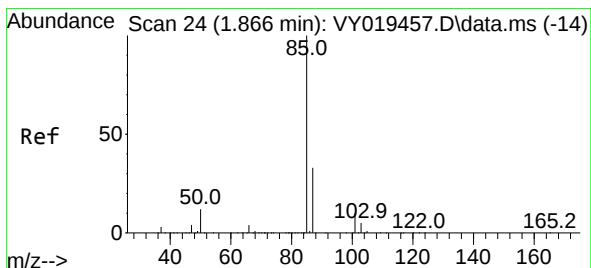
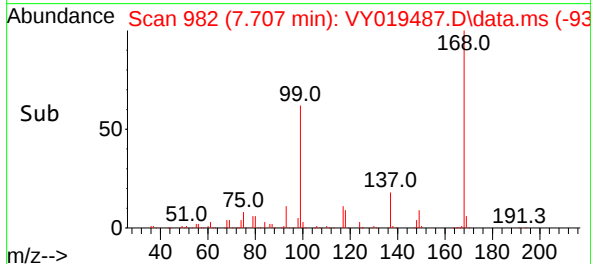
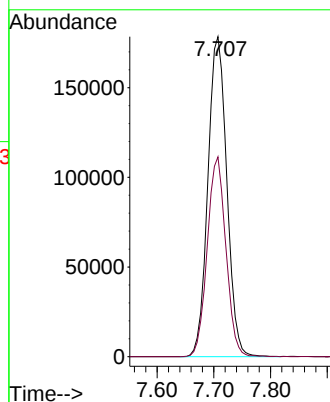
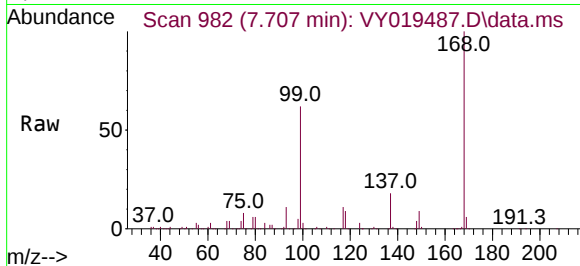




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019487.D
Acq: 10 Sep 2024 15:00

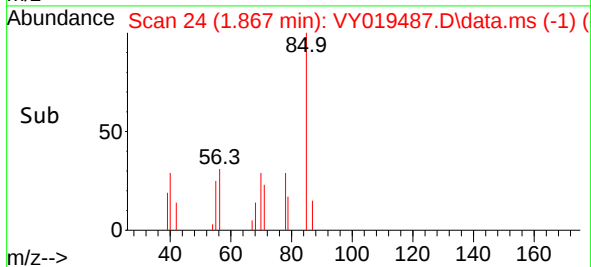
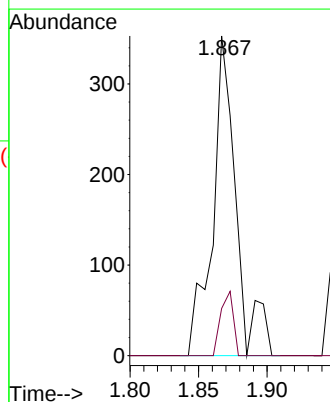
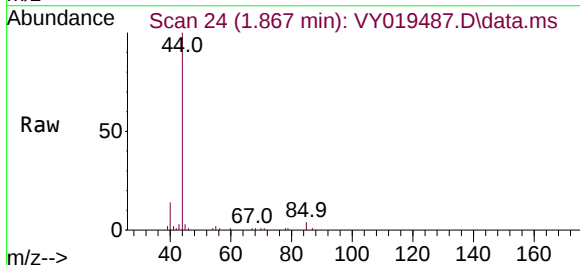
Instrument :
MSVOA_Y
ClientSampleId :

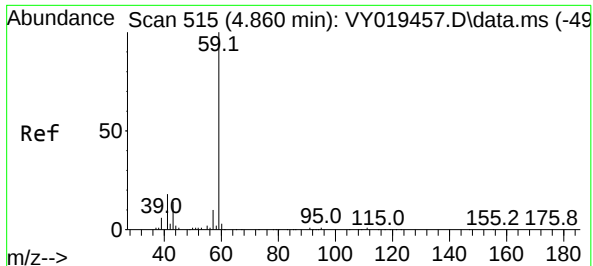
Tgt Ion:168 Resp: 413326
Ion Ratio Lower Upper
168 100
99 62.5 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019487.D
Acq: 10 Sep 2024 15:00

Tgt Ion: 85 Resp: 420
Ion Ratio Lower Upper
85 100
87 14.7 16.0 48.0#





#11

Tert butyl alcohol

Concen: 1.407 ug/l

RT: 4.860 min Scan# 515

Delta R.T. 0.000 min

Lab File: VY019487.D

Acq: 10 Sep 2024 15:00

Instrument :

MSVOA_Y

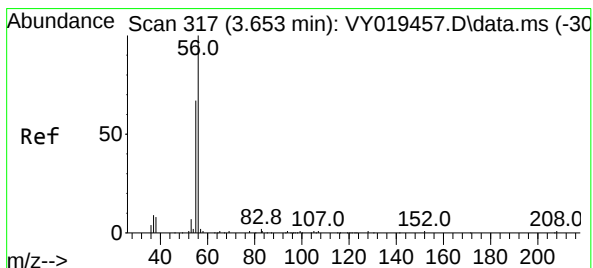
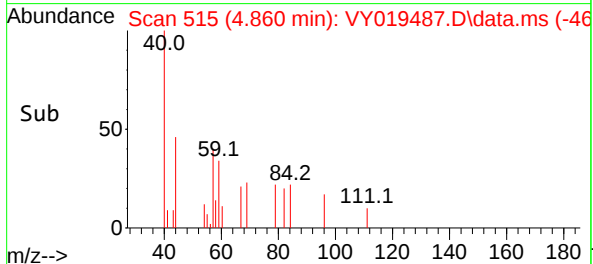
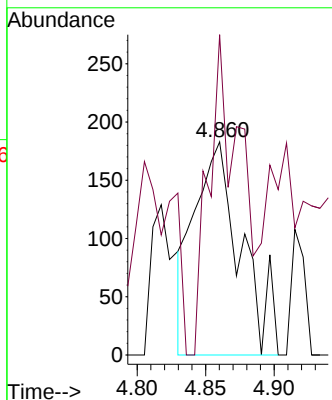
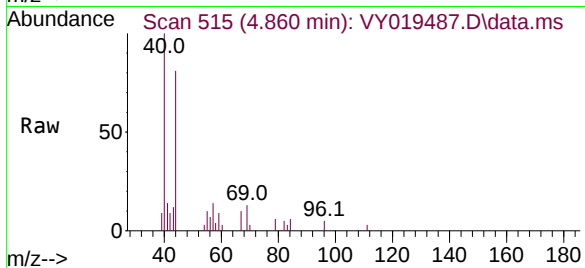
ClientSampleId :

Tgt Ion: 59 Resp: 435

Ion Ratio Lower Upper

59 100

57 99.8 3.0 4.6#



#13

Acrolein

Concen: Below Cal

RT: 3.665 min Scan# 319

Delta R.T. 0.012 min

Lab File: VY019487.D

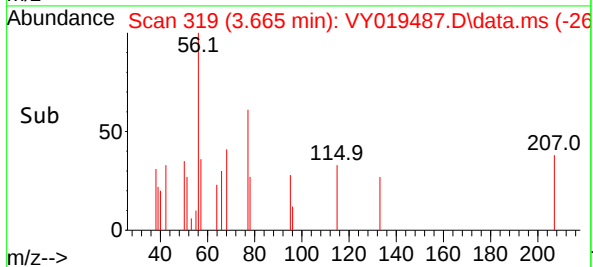
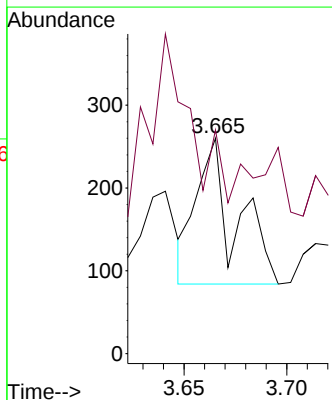
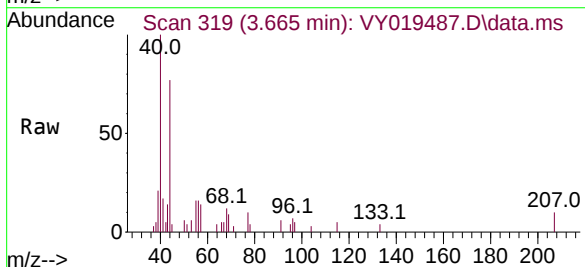
Acq: 10 Sep 2024 15:00

Tgt Ion: 56 Resp: 234

Ion Ratio Lower Upper

56 100

55 0.0 55.7 83.5#

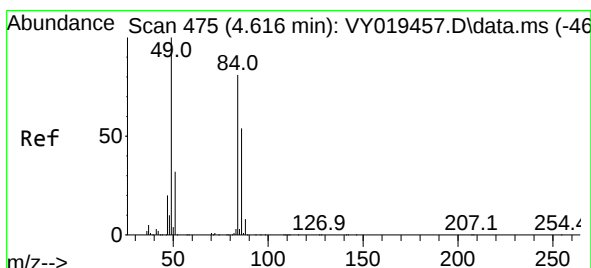
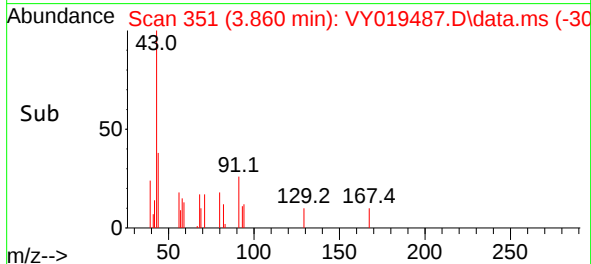
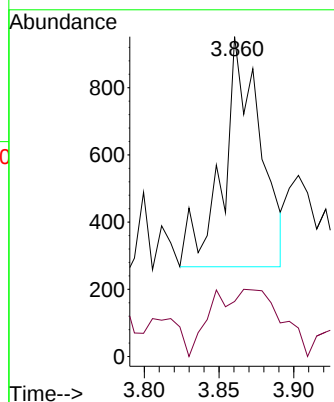
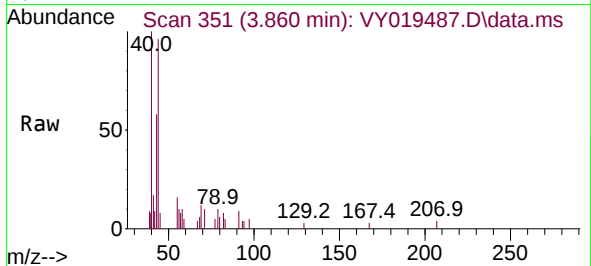




#16
Acetone
Concen: 1.299 ug/l
RT: 3.860 min Scan# 311
Delta R.T. -0.012 min
Lab File: VY019487.D
Acq: 10 Sep 2024 15:00

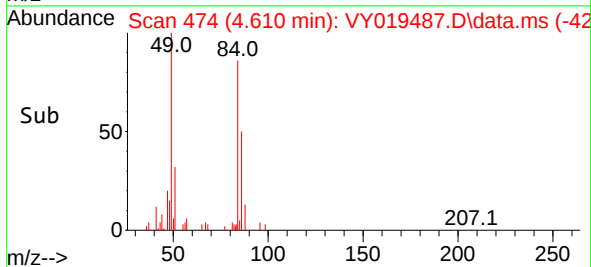
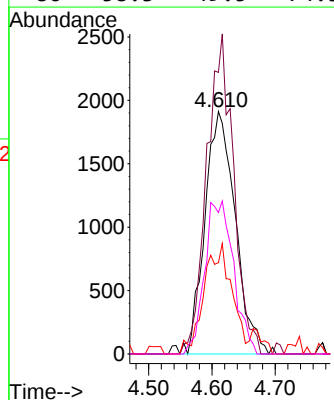
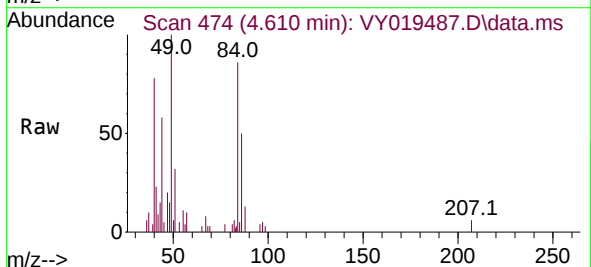
Instrument :
MSVOA_Y
ClientSampleId :

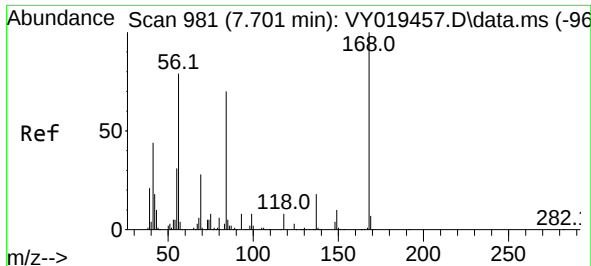
Tgt Ion: 43 Resp: 1184
Ion Ratio Lower Upper
43 100
58 11.1 31.7 47.5#



#20
Methylene Chloride
Concen: 1.540 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY019487.D
Acq: 10 Sep 2024 15:00

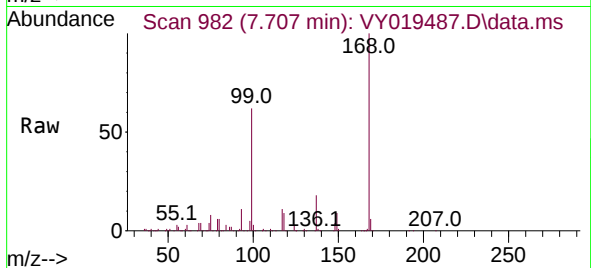
Tgt Ion: 84 Resp: 6404
Ion Ratio Lower Upper
84 100
49 116.1 84.4 126.6
51 37.7 26.0 39.0
86 58.3 49.5 74.3



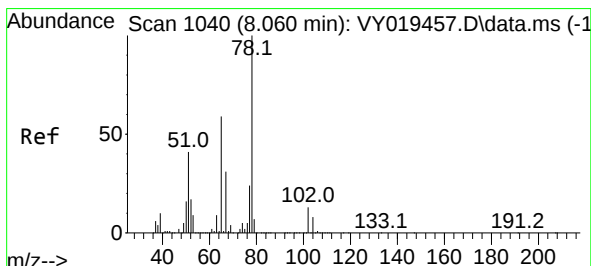
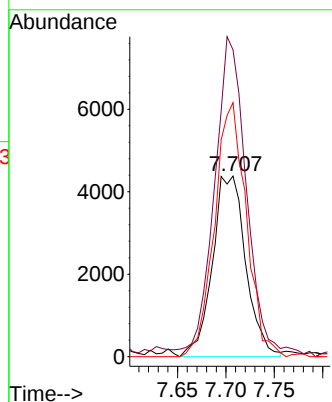
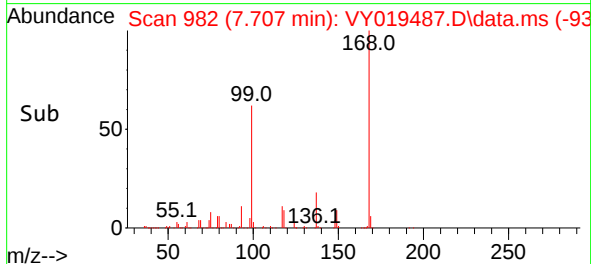


#31
Cyclohexane
Concen: 1.533 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY019487.D
Acq: 10 Sep 2024 15:00

Instrument :
MSVOA_Y
ClientSampleId :

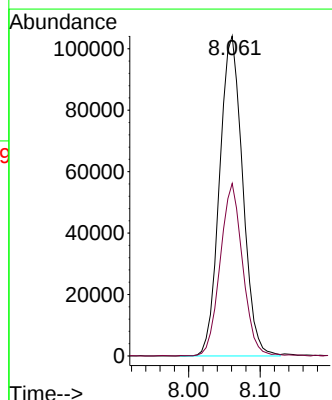
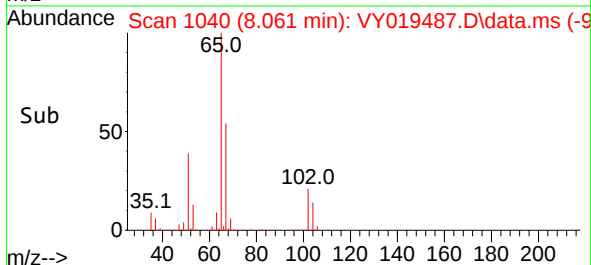
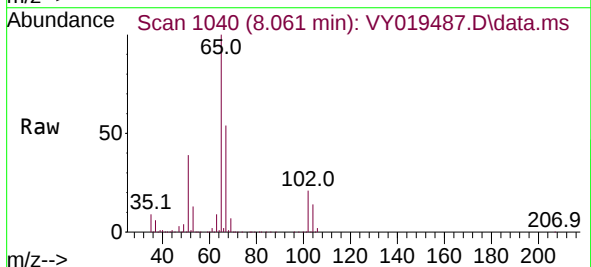


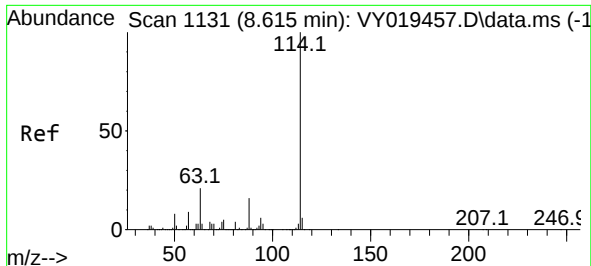
Tgt Ion: 56 Resp: 10499
Ion Ratio Lower Upper
56 100
69 165.7 28.7 43.1#
84 140.7 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 61.098 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019487.D
Acq: 10 Sep 2024 15:00

Tgt Ion: 65 Resp: 233841
Ion Ratio Lower Upper
65 100
67 52.6 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY019487.D

Acq: 10 Sep 2024 15:00

Instrument :

MSVOA_Y

ClientSampleId :

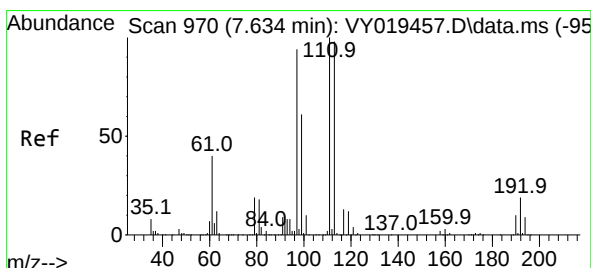
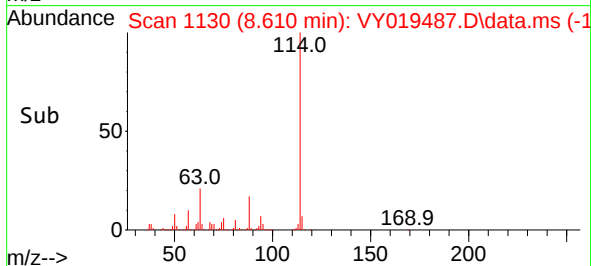
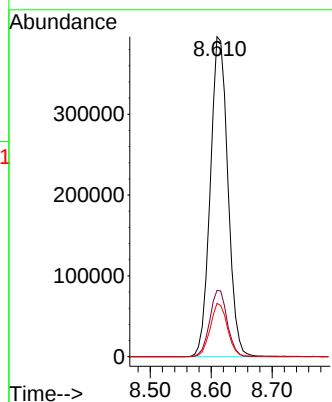
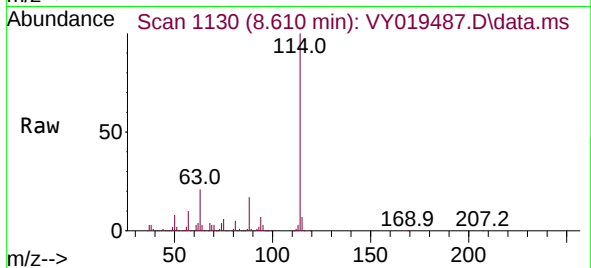
Tgt Ion:114 Resp: 793165

Ion Ratio Lower Upper

114 100

63 20.7 0.0 35.0

88 16.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 55.604 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY019487.D

Acq: 10 Sep 2024 15:00

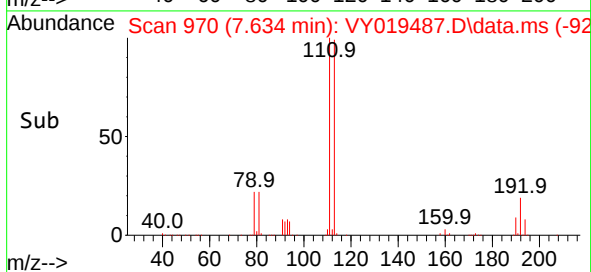
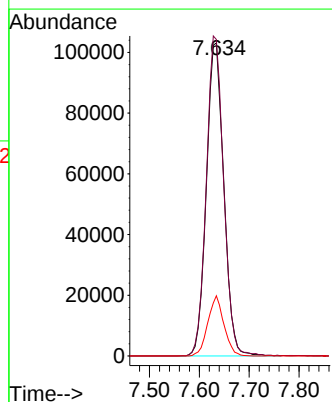
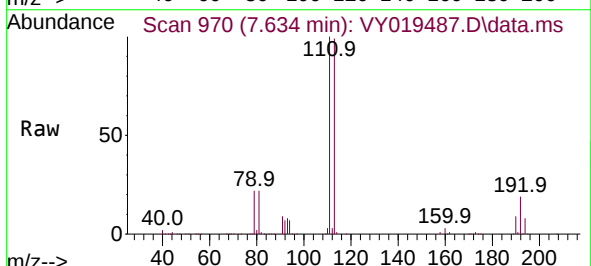
Tgt Ion:113 Resp: 250055

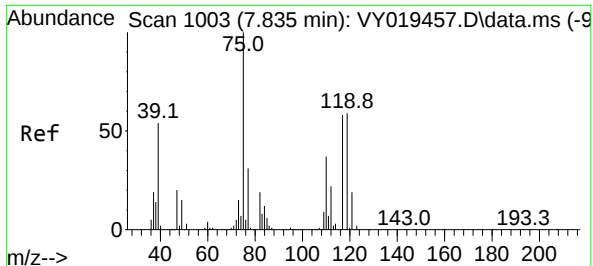
Ion Ratio Lower Upper

113 100

111 102.1 82.2 123.4

192 17.8 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.661 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.128 min

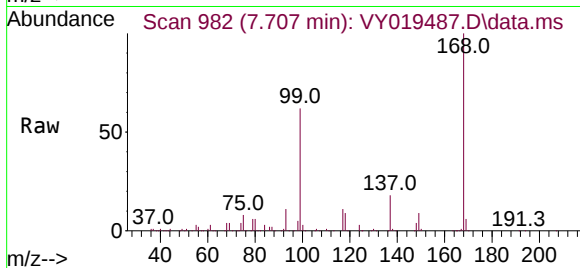
Lab File: VY019487.D

Acq: 10 Sep 2024 15:00

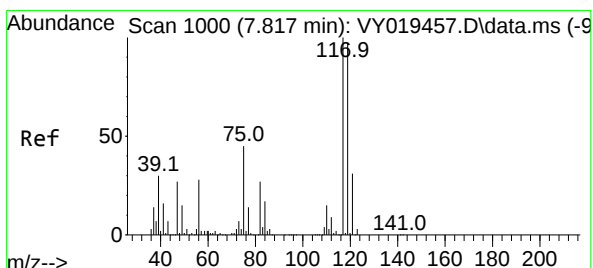
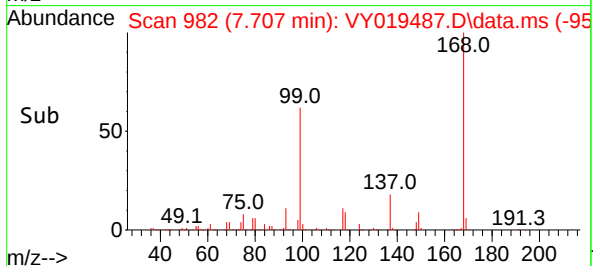
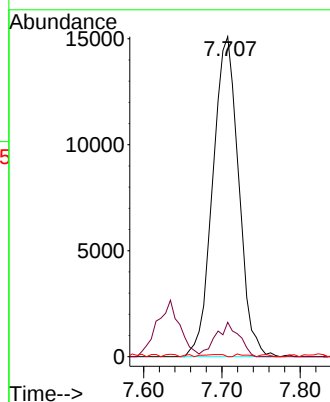
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	75	Resp:	34639
Ion	Ratio	Lower	Upper
75	100		
110	9.6	19.0	57.0#
77	0.4	25.3	37.9#



#38

Carbon Tetrachloride

Concen: 6.449 ug/l

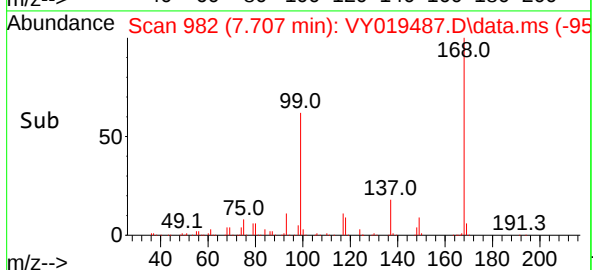
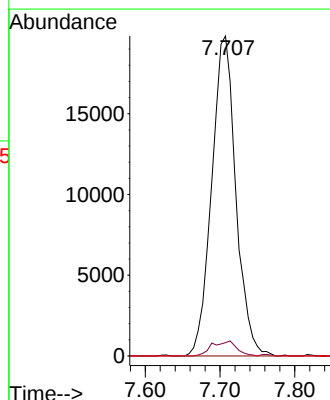
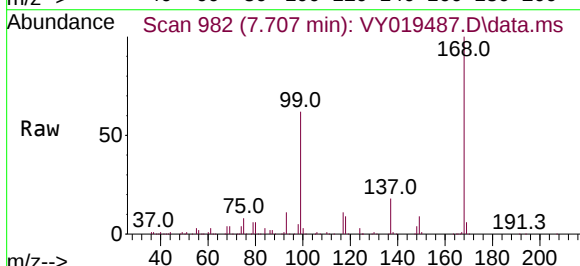
RT: 7.707 min Scan# 982

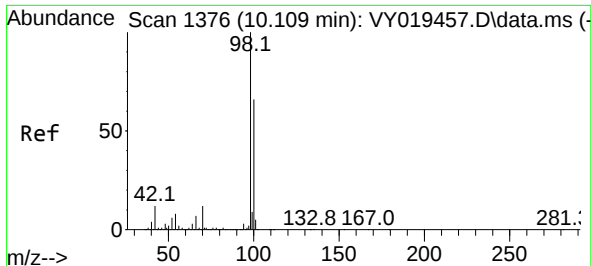
Delta R.T. -0.109 min

Lab File: VY019487.D

Acq: 10 Sep 2024 15:00

Tgt Ion:	117	Resp:	44504
Ion	Ratio	Lower	Upper
117	100		
119	4.2	75.8	113.6#
121	0.0	24.0	36.0#

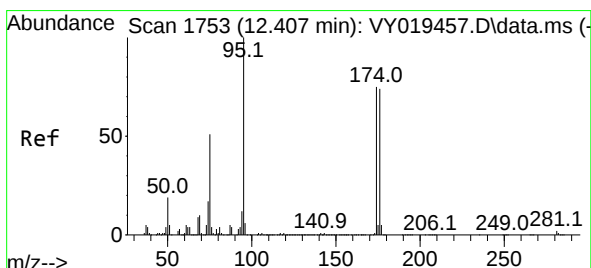
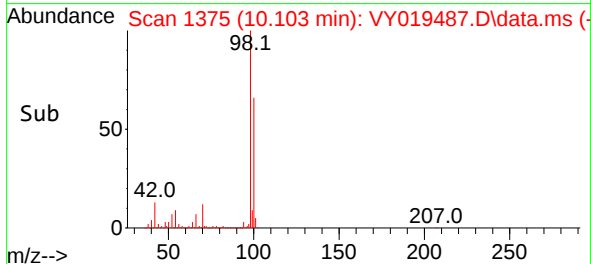
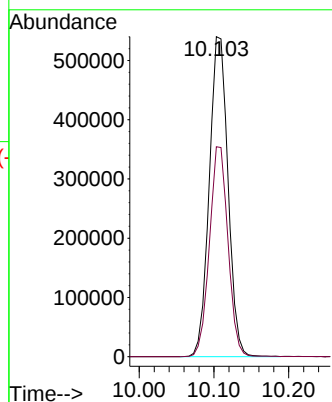
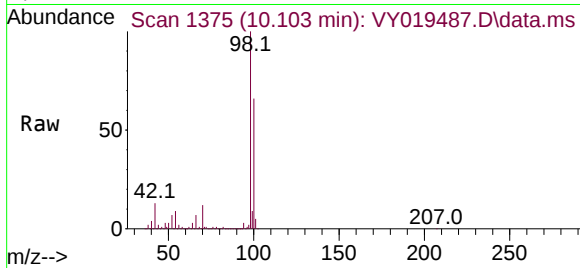




#50
Toluene-d8
Concen: 56.498 ug/l
RT: 10.103 min Scan# 1376
Delta R.T. -0.006 min
Lab File: VY019487.D
Acq: 10 Sep 2024 15:00

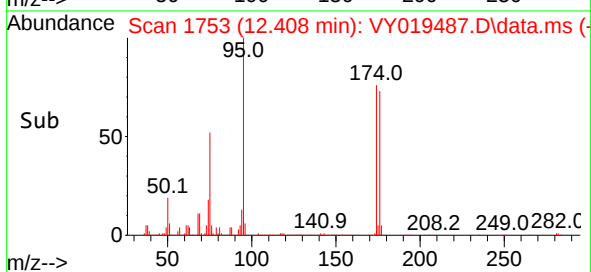
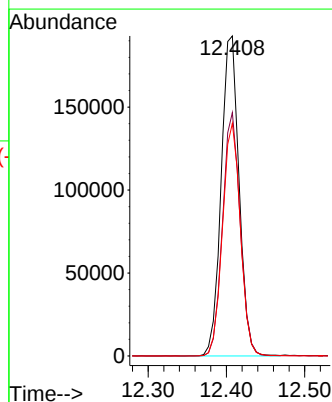
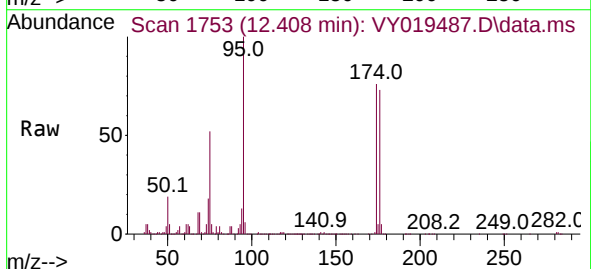
Instrument :
MSVOA_Y
ClientSampleId :

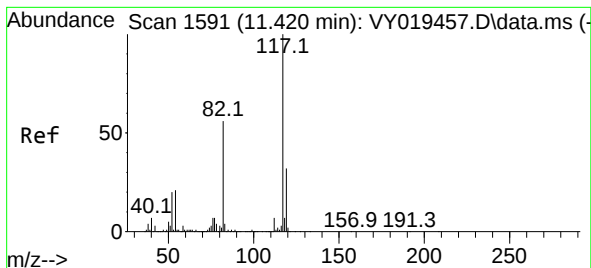
Tgt Ion: 98 Resp: 939768
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.985 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019487.D
Acq: 10 Sep 2024 15:00

Tgt Ion: 95 Resp: 306902
Ion Ratio Lower Upper
95 100
174 74.7 0.0 175.6
176 72.5 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019487.D

Acq: 10 Sep 2024 15:00

Instrument :

MSVOA_Y

ClientSampleId :

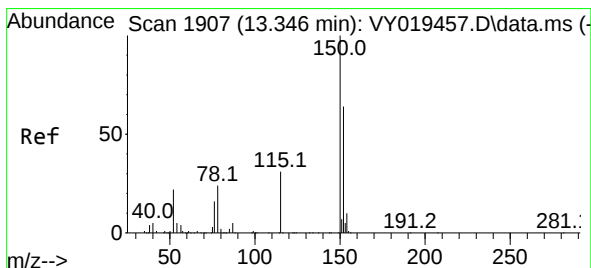
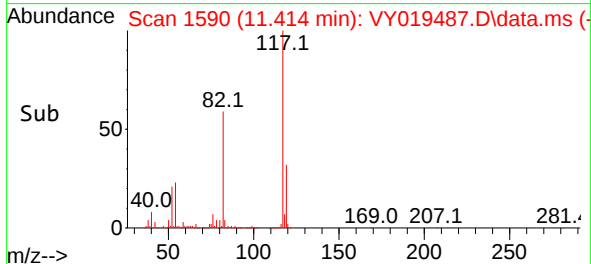
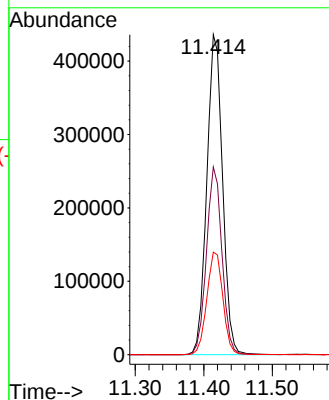
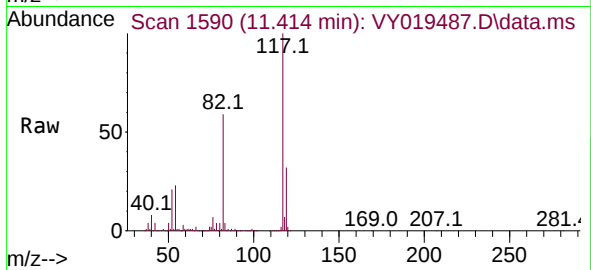
Tgt Ion:117 Resp: 698255

Ion Ratio Lower Upper

117 100

82 58.6 42.4 63.6

119 32.1 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: VY019487.D

Acq: 10 Sep 2024 15:00

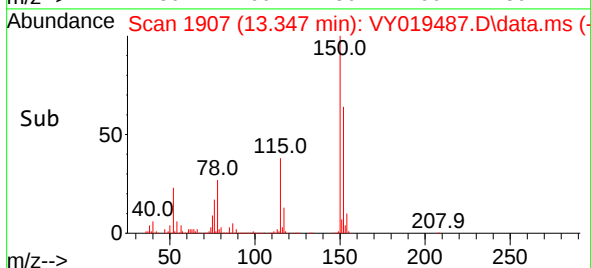
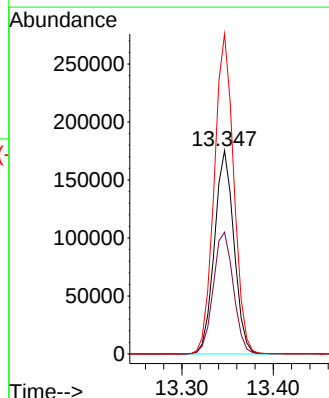
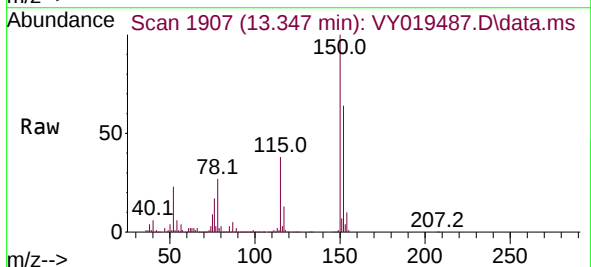
Tgt Ion:152 Resp: 260022

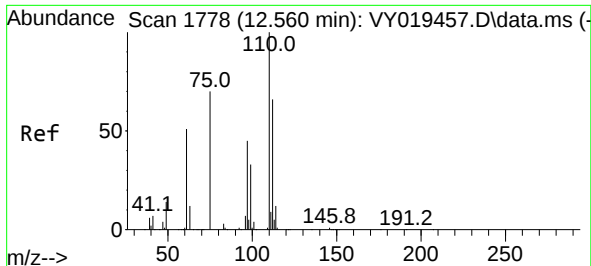
Ion Ratio Lower Upper

152 100

115 61.8 28.2 84.7

150 157.8 0.0 345.6

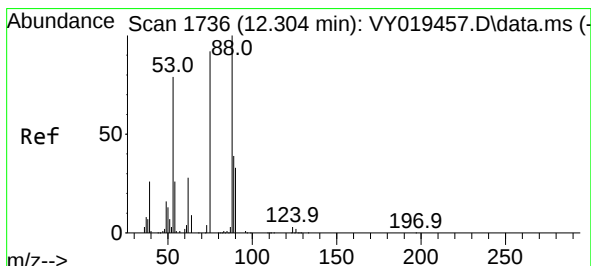
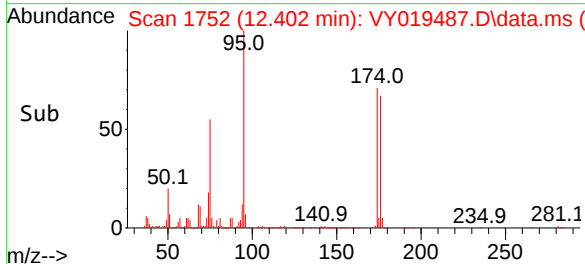
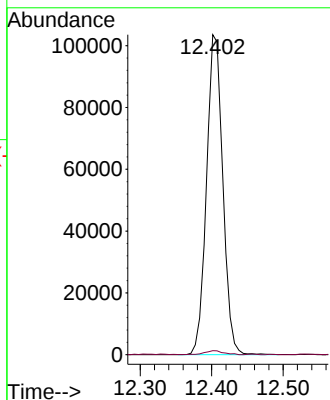
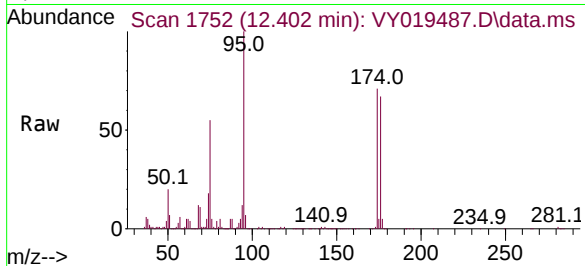




#76
1,2,3-Trichloropropane
Concen: 67.217 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.158 min
Lab File: VY019487.D
Acq: 10 Sep 2024 15:00

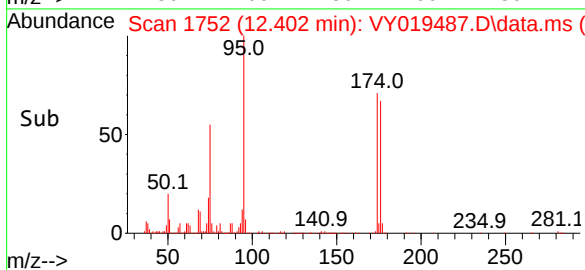
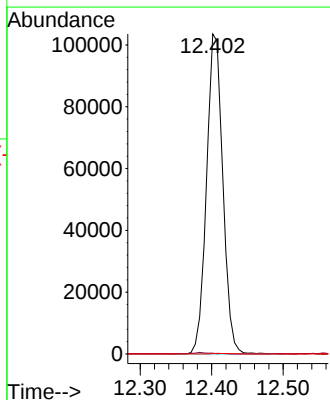
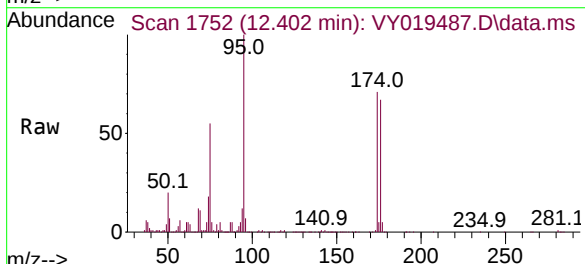
Instrument :
MSVOA_Y
ClientSampleId :

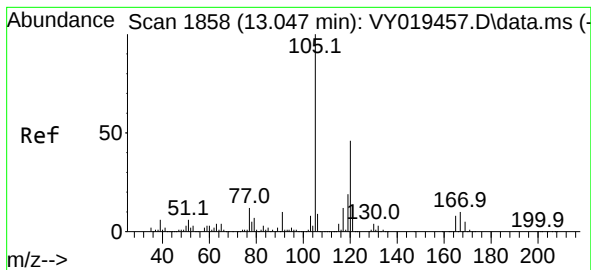
Tgt Ion: 75 Resp: 163819
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 129.037 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY019487.D
Acq: 10 Sep 2024 15:00

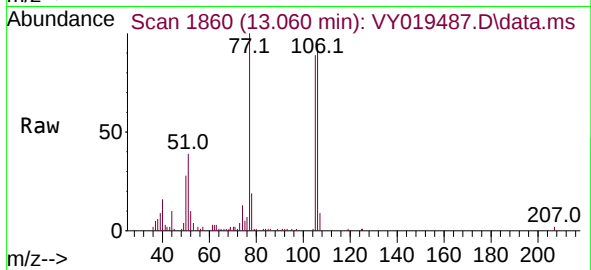
Tgt Ion: 75 Resp: 163819
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.2 35.8 53.6#





#84
1,2,4-Trimethylbenzene
Concen: 1.114 ug/l
RT: 13.060 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY019487.D
Acq: 10 Sep 2024 15:00

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:105 Resp: 16907
Ion Ratio Lower Upper
105 100
120 2.0 23.2 69.6#

