

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091624\
 Data File : VY019570.D
 Acq On : 16 Sep 2024 16:39
 Operator : SY/MD
 Sample : P4002-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 17 02:15:40 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)

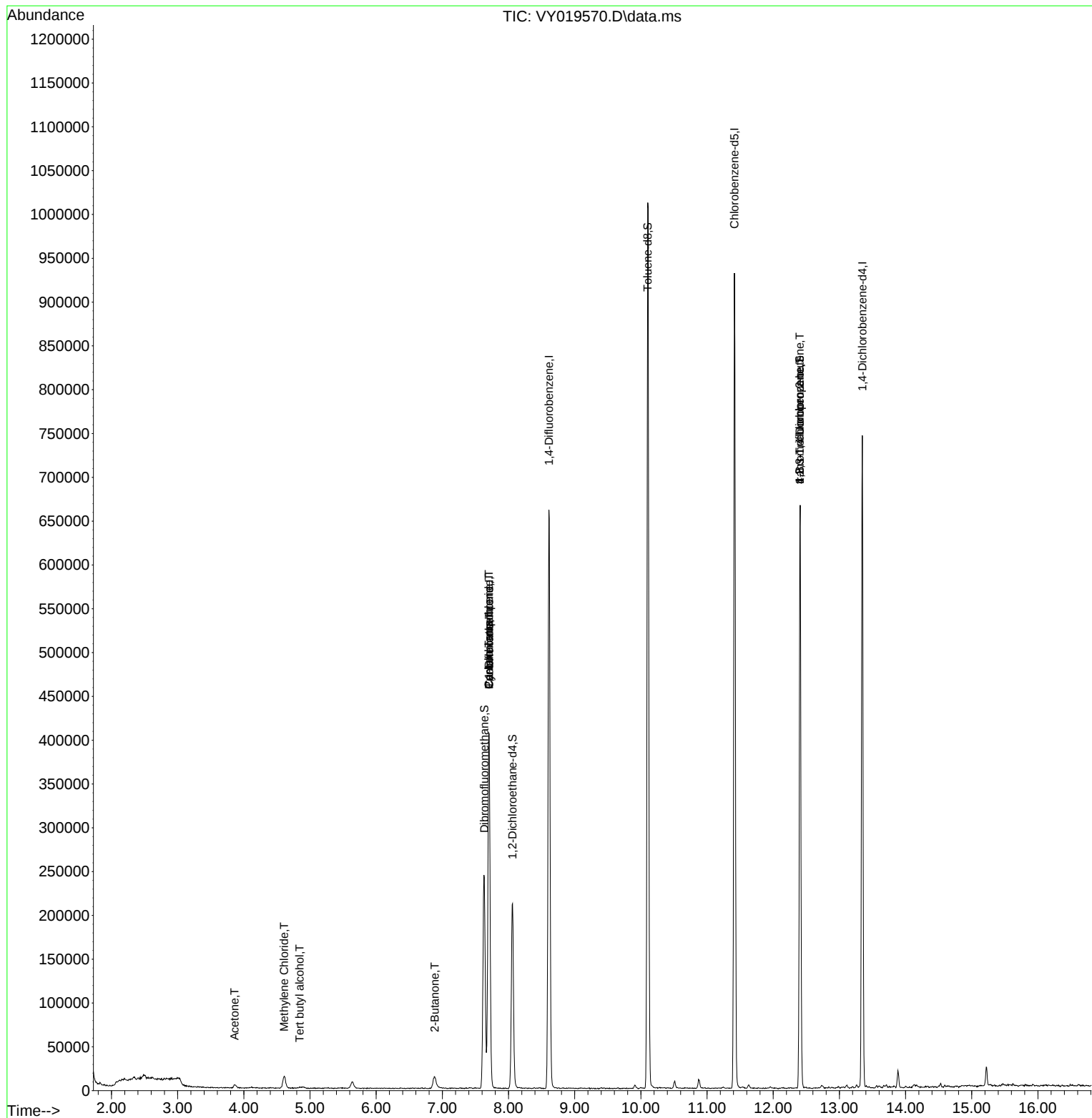
Internal Standards						
1) Pentafluorobenzene	7.707	168	307105	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.610	114	567058	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	484083	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	179546	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	171981	60.477	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.960%	
35) Dibromofluoromethane	7.634	113	177593	55.237	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.480%	
50) Toluene-d8	10.103	98	668201	56.189	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.380%	
62) 4-Bromofluorobenzene	12.402	95	210987	46.142	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 92.280%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.873	85	102	Below Cal	#	43
11) Tert butyl alcohol	4.842	59	727	3.166	ug/l	99
13) Acrolein	3.659	56	301	Below Cal	#	15
16) Acetone	3.860	43	6139	9.062	ug/l	# 86
20) Methylene Chloride	4.610	84	10125	3.277	ug/l	98
25) 2-Butanone	6.884	43	2479	2.573	ug/l	# 76
31) Cyclohexane	7.707	56	7898	1.552	ug/l	# 23
36) 1,1-Dichloropropene	7.701	75	26933	6.156	ug/l	# 48
38) Carbon Tetrachloride	7.701	117	32756	6.640	ug/l	# 18
76) 1,2,3-Trichloropropane	12.402	75	112460	66.826	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.402	75	112460	128.287	ug/l	# 16

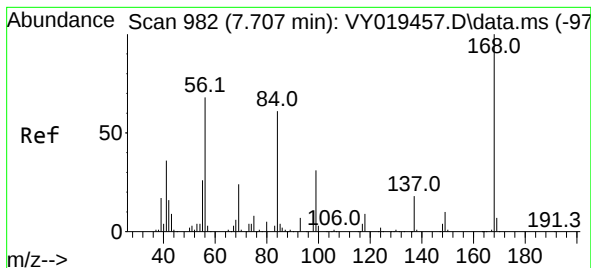
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 17 02:15:40 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# 9

Delta R.T. 0.000 min

Lab File: VY019570.D

Acq: 16 Sep 2024 16:39

Instrument :

MSVOA_Y

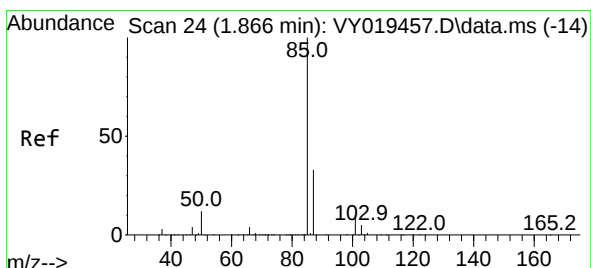
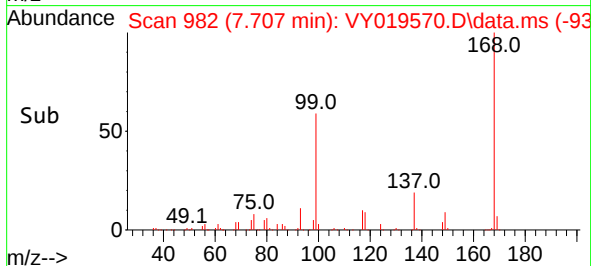
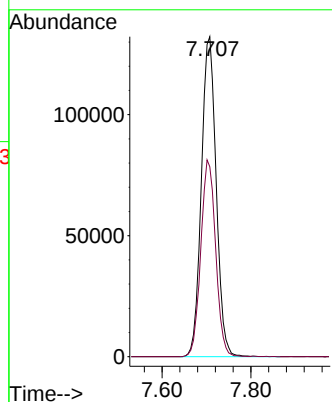
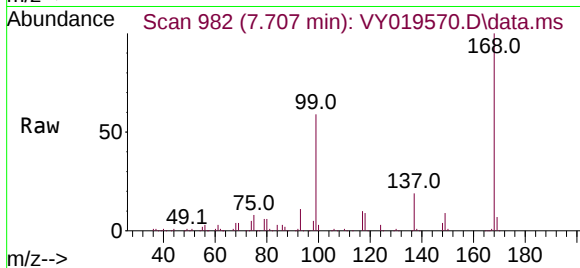
ClientSampleId :

Tgt Ion:168 Resp: 307105

Ion Ratio Lower Upper

168 100

99 59.4 39.1 58.7#



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.873 min Scan# 25

Delta R.T. 0.007 min

Lab File: VY019570.D

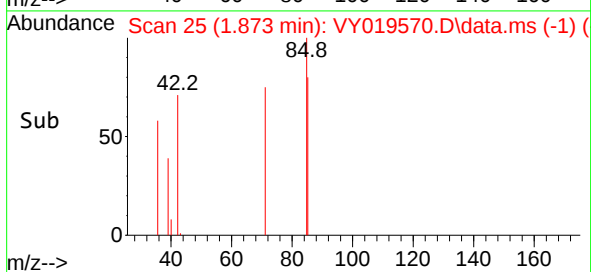
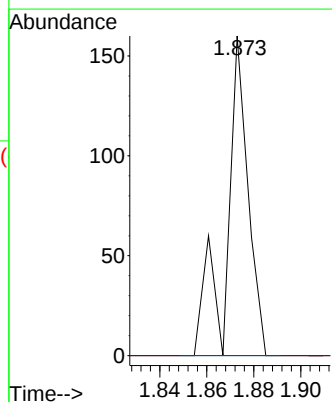
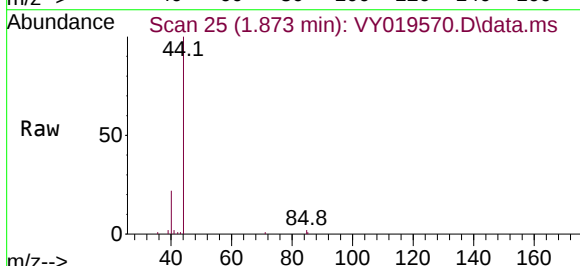
Acq: 16 Sep 2024 16:39

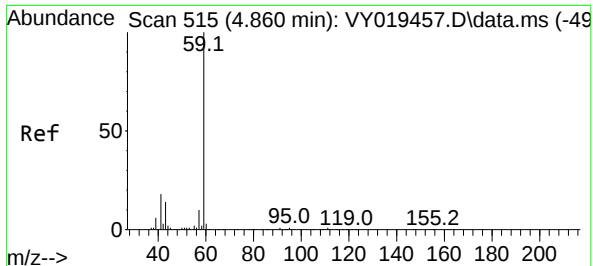
Tgt Ion: 85 Resp: 102

Ion Ratio Lower Upper

85 100

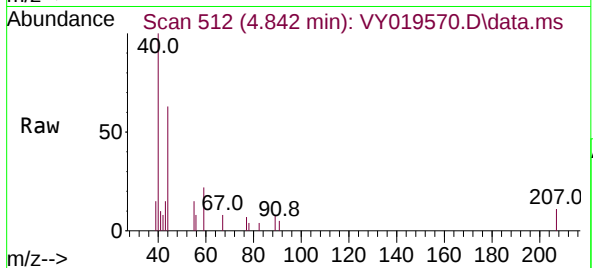
87 0.0 16.0 48.0#



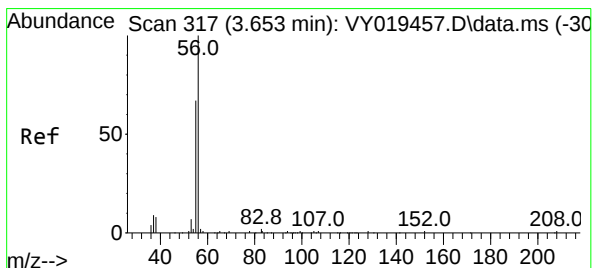
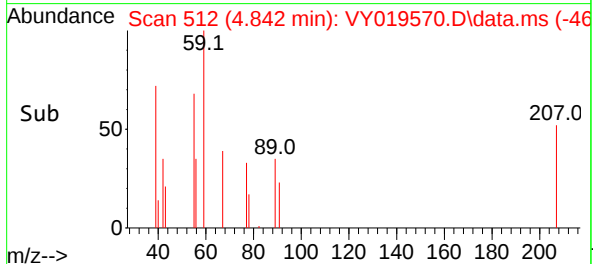
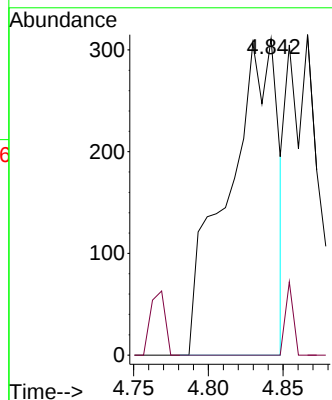


#11
Tert butyl alcohol
Concen: 3.166 ug/l
RT: 4.842 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY019570.D
Acq: 16 Sep 2024 16:39

Instrument :
MSVOA_Y
ClientSampleId :

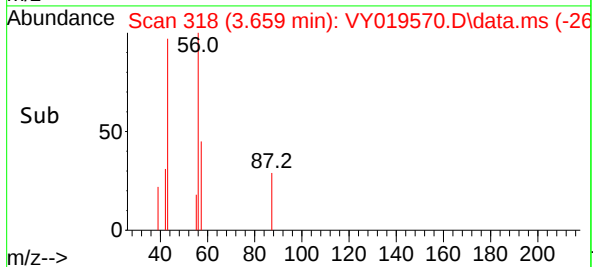
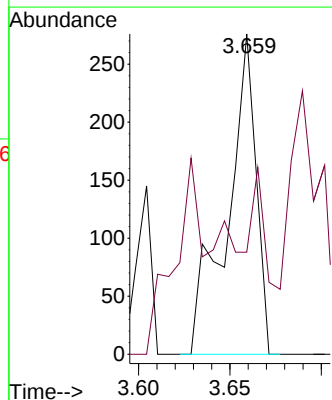
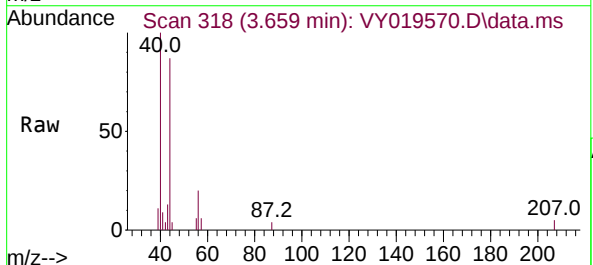


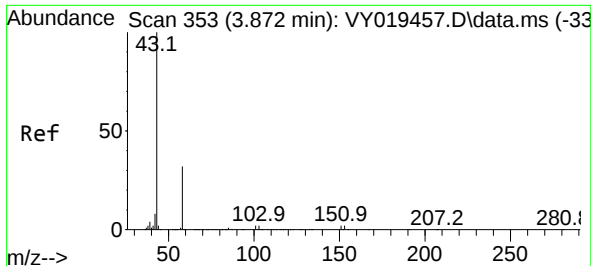
Tgt Ion: 59 Resp: 727
Ion Ratio Lower Upper
59 100
57 3.6 3.0 4.6



#13
Acrolein
Concen: Below Cal
RT: 3.659 min Scan# 318
Delta R.T. 0.006 min
Lab File: VY019570.D
Acq: 16 Sep 2024 16:39

Tgt Ion: 56 Resp: 301
Ion Ratio Lower Upper
56 100
55 0.0 55.7 83.5#

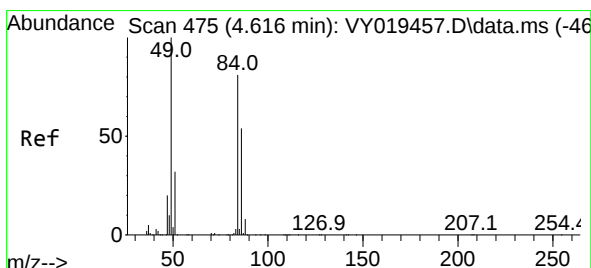
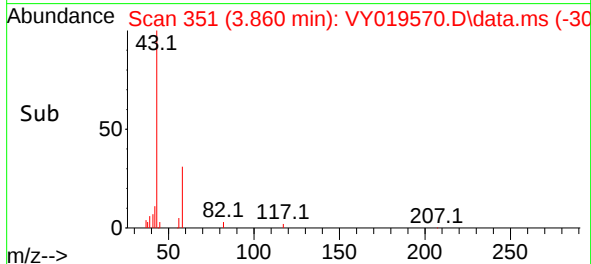
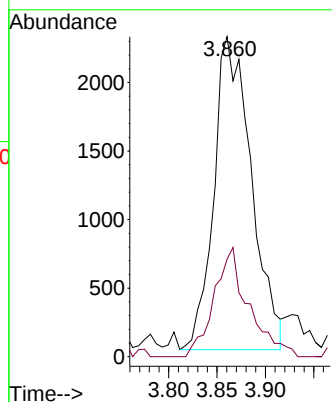
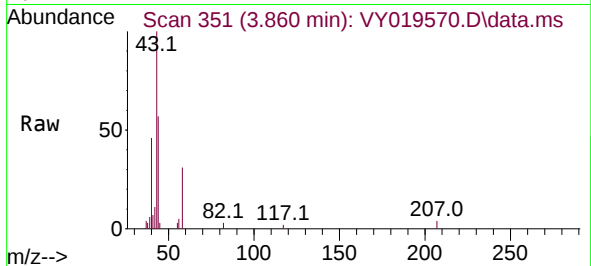




#16
Acetone
Concen: 9.062 ug/l
RT: 3.860 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY019570.D
Acq: 16 Sep 2024 16:39

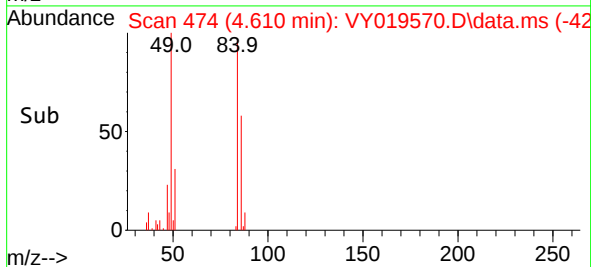
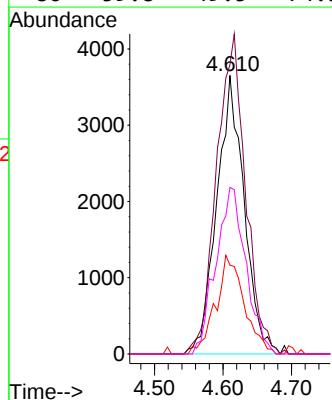
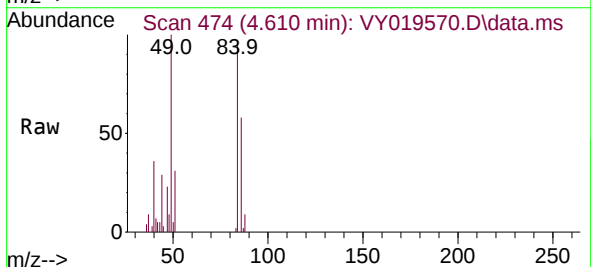
Instrument :
MSVOA_Y
ClientSampleId :

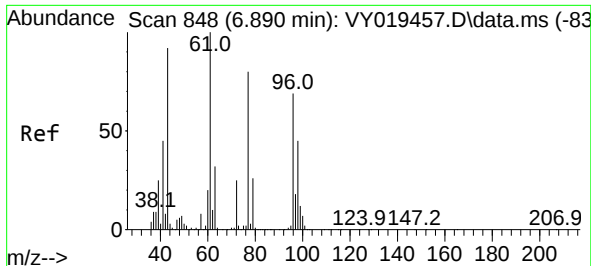
Tgt Ion: 43 Resp: 6139
Ion Ratio Lower Upper
43 100
58 31.2 31.7 47.5#



#20
Methylene Chloride
Concen: 3.277 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY019570.D
Acq: 16 Sep 2024 16:39

Tgt Ion: 84 Resp: 10125
Ion Ratio Lower Upper
84 100
49 103.9 84.4 126.6
51 31.9 26.0 39.0
86 59.8 49.5 74.3





#25

2-Butanone

Concen: 2.573 ug/l

RT: 6.884 min Scan# 84

Delta R.T. -0.006 min

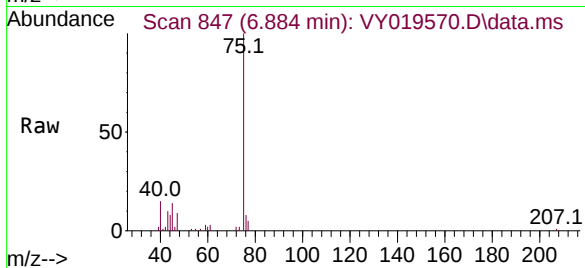
Lab File: VY019570.D

Acq: 16 Sep 2024 16:39

Instrument :

MSVOA_Y

ClientSampleId :

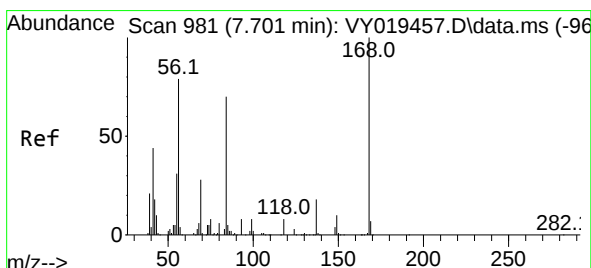
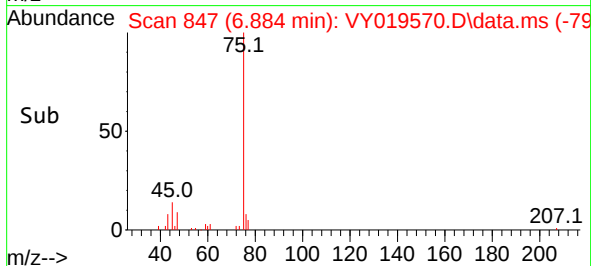
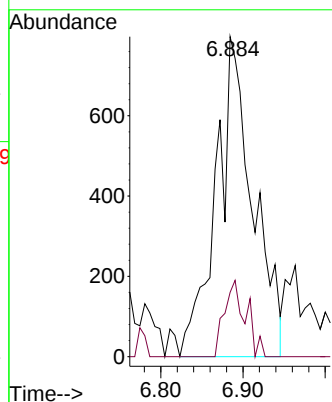


Tgt Ion: 43 Resp: 2479

Ion Ratio Lower Upper

43 100

72 20.1 27.3 40.9#



#31

Cyclohexane

Concen: 1.552 ug/l

RT: 7.707 min Scan# 982

Delta R.T. 0.006 min

Lab File: VY019570.D

Acq: 16 Sep 2024 16:39

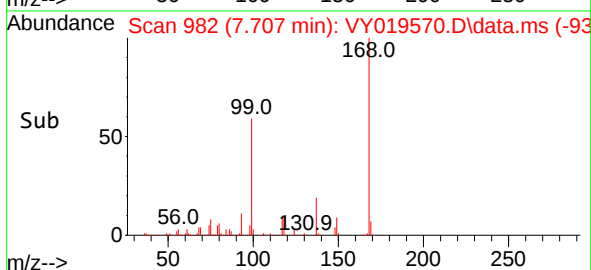
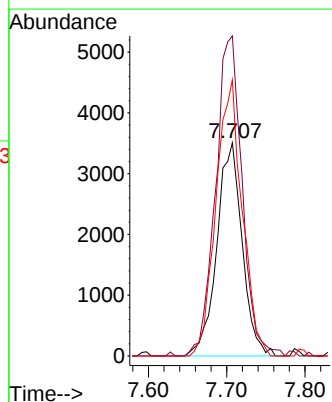
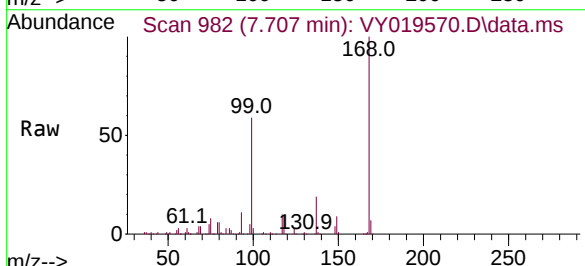
Tgt Ion: 56 Resp: 7898

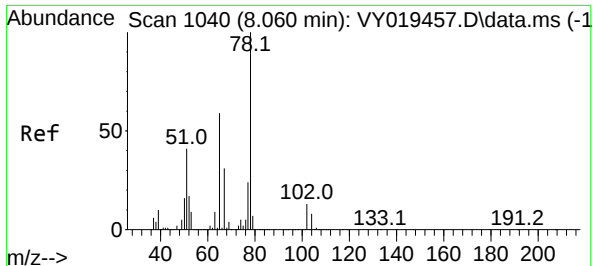
Ion Ratio Lower Upper

56 100

69 150.1 28.7 43.1#

84 129.5 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 60.477 ug/l

RT: 8.061 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY019570.D

Acq: 16 Sep 2024 16:39

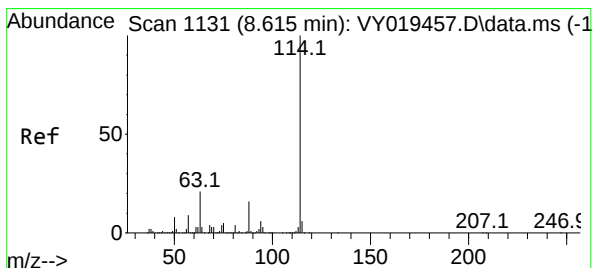
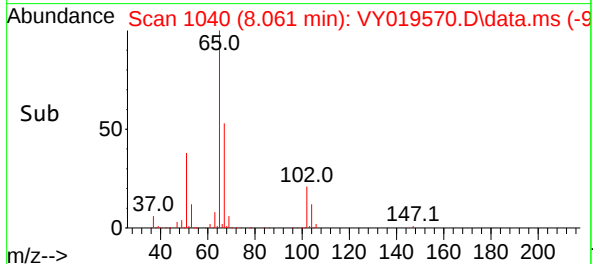
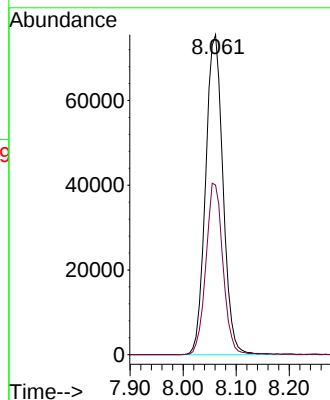
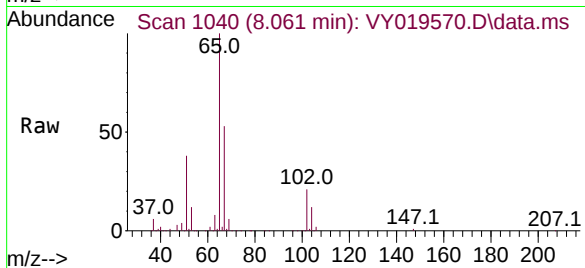
Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 65 Resp: 171981

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# 1130

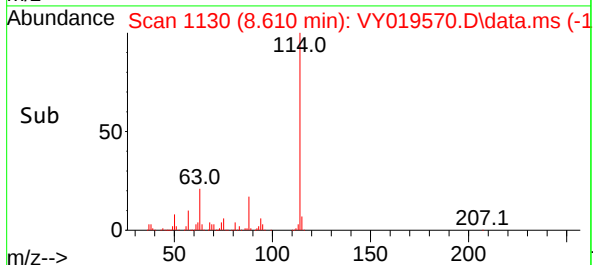
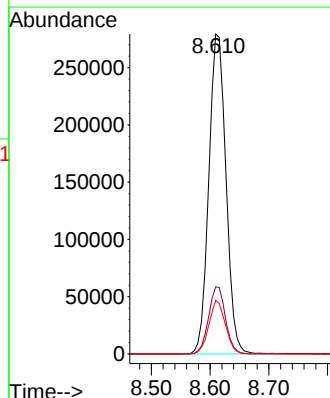
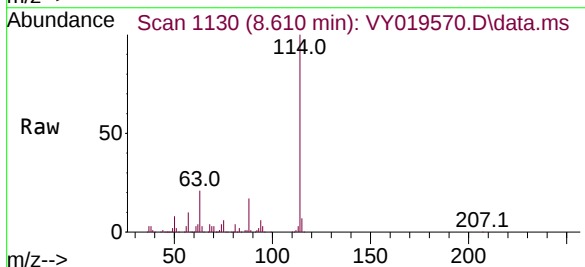
Delta R.T. -0.006 min

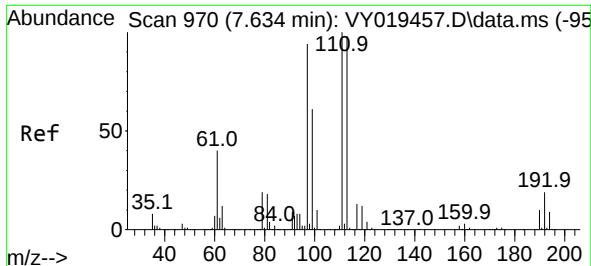
Lab File: VY019570.D

Acq: 16 Sep 2024 16:39

Tgt Ion: 114 Resp: 567058

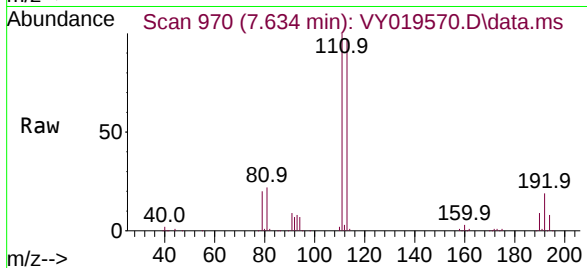
Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	35.0
88	16.8	0.0	27.2



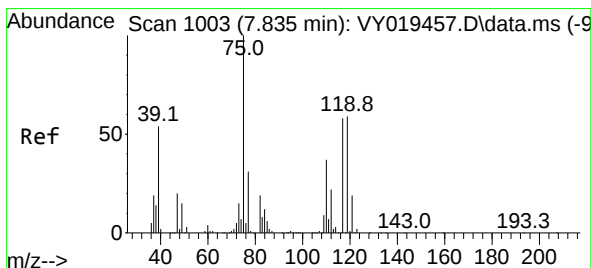
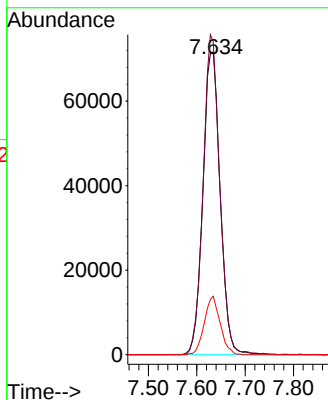
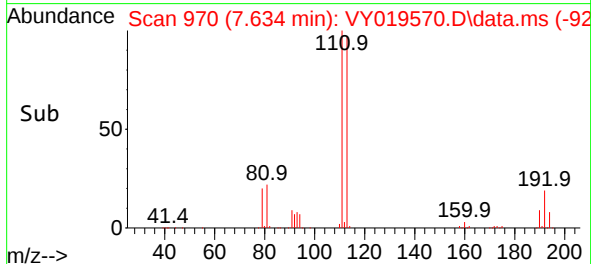


#35
Dibromofluoromethane
Concen: 55.237 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019570.D
Acq: 16 Sep 2024 16:39

Instrument :
MSVOA_Y
ClientSampleId :

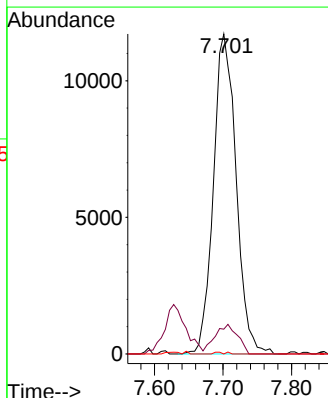
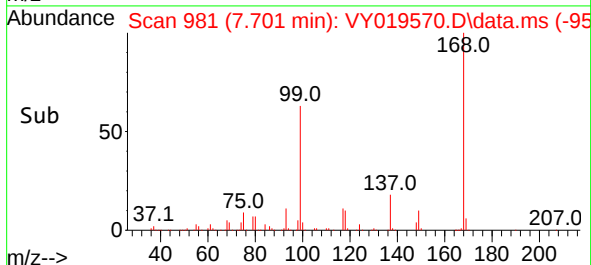
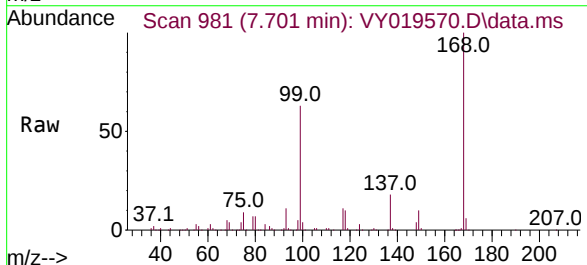


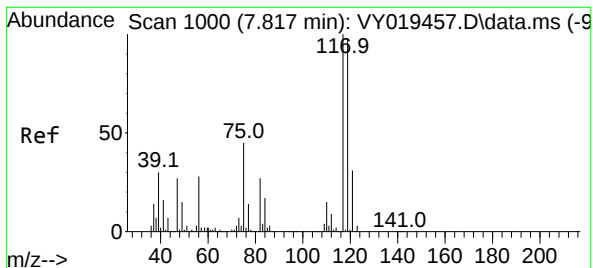
Tgt Ion:113 Resp: 177593
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.4
192 17.7 15.9 23.9



#36
1,1-Dichloropropene
Concen: 6.156 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.134 min
Lab File: VY019570.D
Acq: 16 Sep 2024 16:39

Tgt Ion: 75 Resp: 26933
Ion Ratio Lower Upper
75 100
110 9.2 19.0 57.0#
77 0.2 25.3 37.9#





#38

Carbon Tetrachloride

Concen: 6.640 ug/l

RT: 7.701 min Scan# 91

Delta R.T. -0.115 min

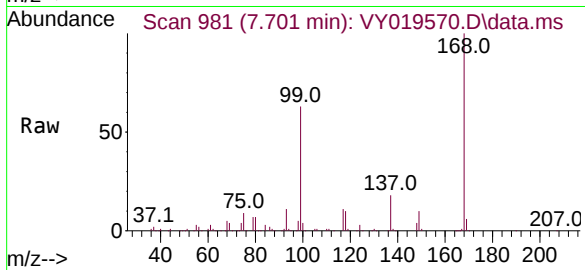
Lab File: VY019570.D

Acq: 16 Sep 2024 16:39

Instrument :

MSVOA_Y

ClientSampleId :



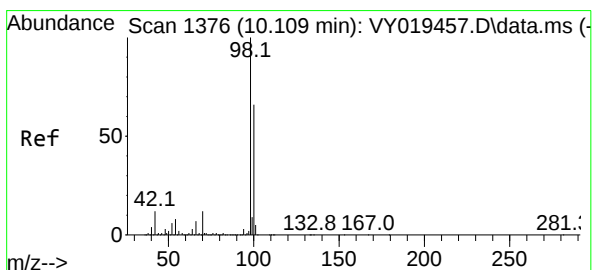
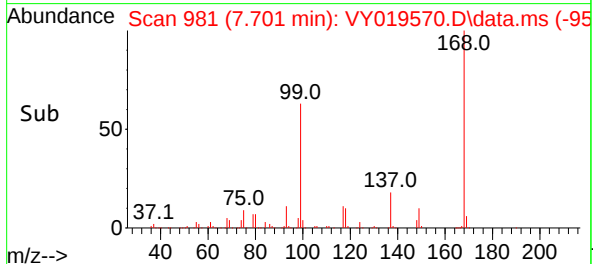
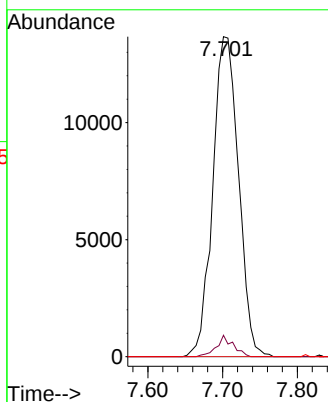
Tgt Ion:117 Resp: 32756

Ion Ratio Lower Upper

117 100

119 6.7 75.8 113.6#

121 0.0 24.0 36.0#



#50

Toluene-d8

Concen: 56.189 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY019570.D

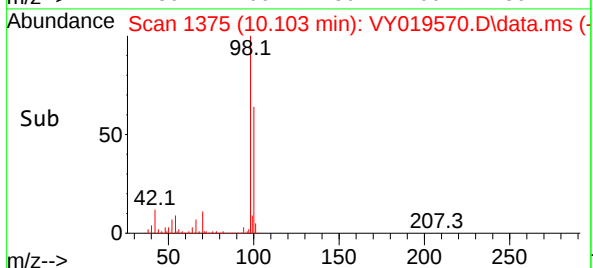
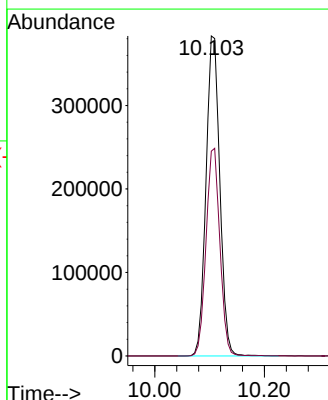
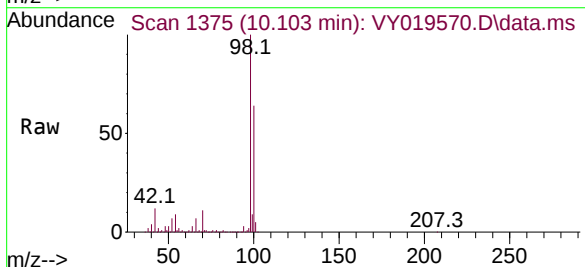
Acq: 16 Sep 2024 16:39

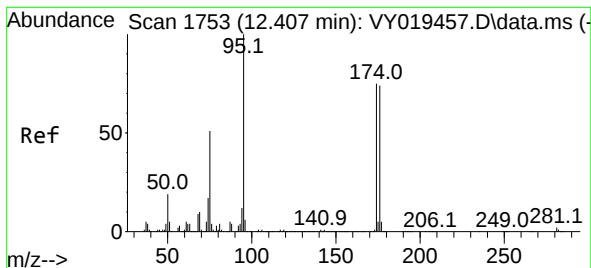
Tgt Ion: 98 Resp: 668201

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0

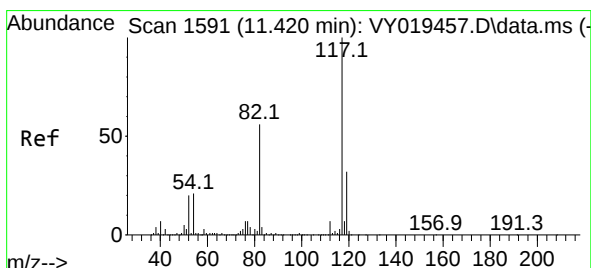
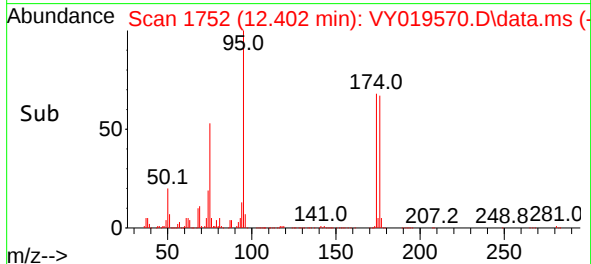
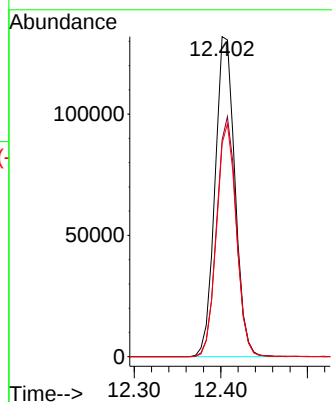
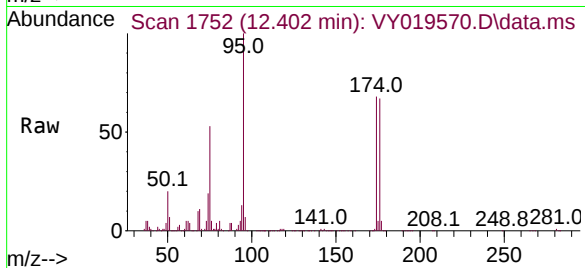




#62
4-Bromofluorobenzene
Concen: 46.142 ug/l
RT: 12.402 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019570.D
Acq: 16 Sep 2024 16:39

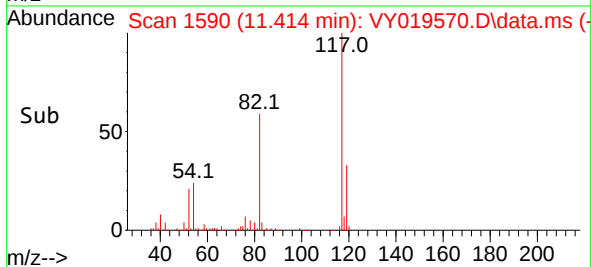
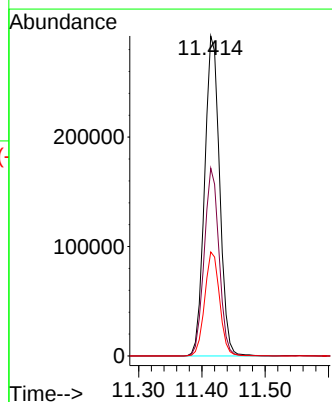
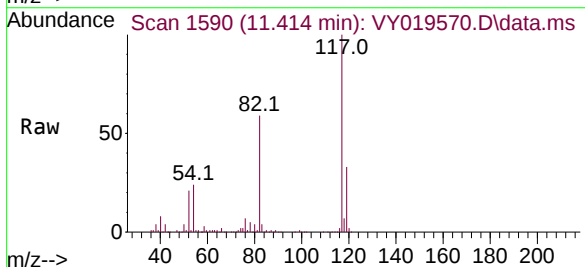
Instrument :
MSVOA_Y
ClientSampleId :

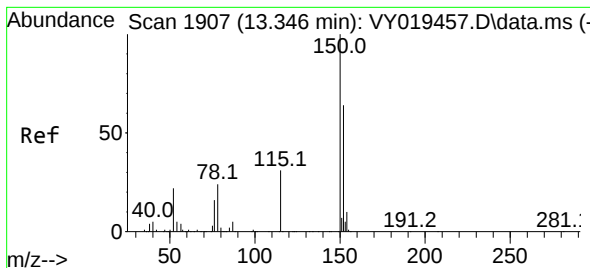
Tgt Ion: 95 Resp: 210987
Ion Ratio Lower Upper
95 100
174 74.0 0.0 175.6
176 71.9 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019570.D
Acq: 16 Sep 2024 16:39

Tgt Ion: 117 Resp: 484083
Ion Ratio Lower Upper
117 100
82 58.7 42.4 63.6
119 32.5 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: VY019570.D

Acq: 16 Sep 2024 16:39

Instrument :

MSVOA_Y

ClientSampleId :

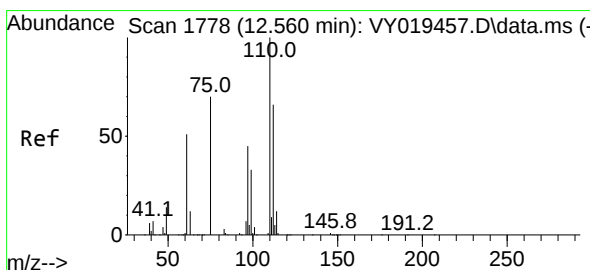
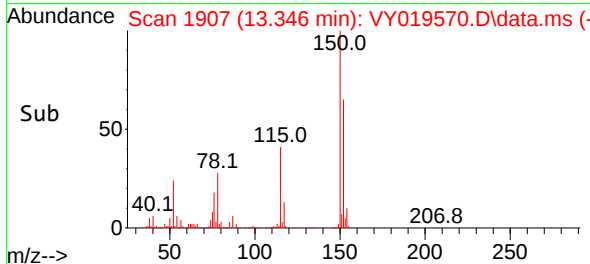
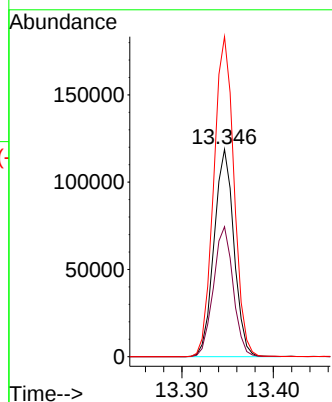
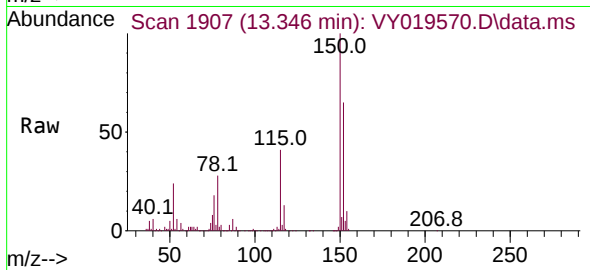
Tgt Ion:152 Resp: 179546

Ion Ratio Lower Upper

152 100

115 62.2 28.2 84.7

150 157.3 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 66.826 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.158 min

Lab File: VY019570.D

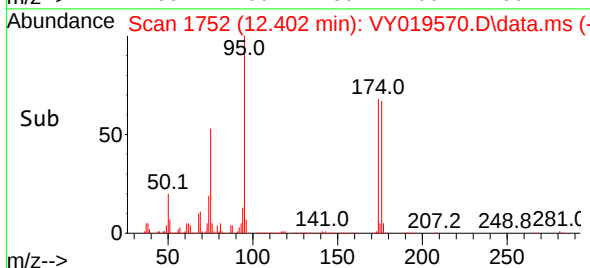
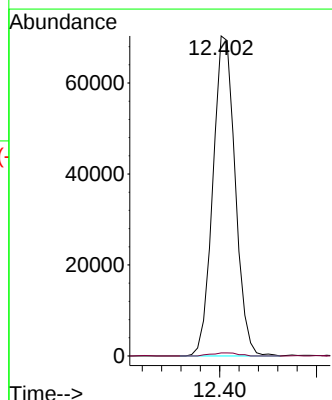
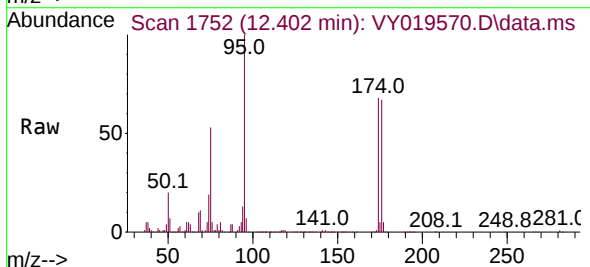
Acq: 16 Sep 2024 16:39

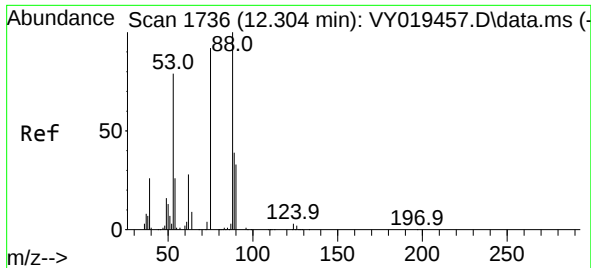
Tgt Ion: 75 Resp: 112460

Ion Ratio Lower Upper

75 100

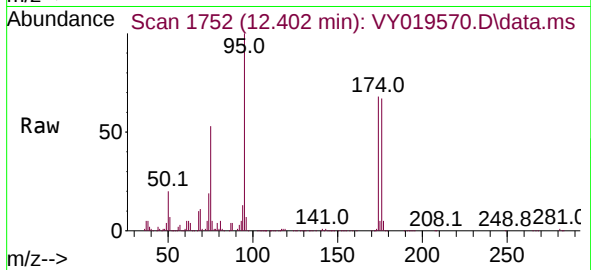
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 128.287 ug/l
 RT: 12.402 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY019570.D
 Acq: 16 Sep 2024 16:39

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 112460
 Ion Ratio Lower Upper
 75 100
 53 0.1 66.8 100.2#
 89 0.1 35.8 53.6#

