

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091324\
 Data File : VY019550.D
 Acq On : 13 Sep 2024 19:29
 Operator : SY/MD
 Sample : P3980-01
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-02-091224

Quant Time: Sep 13 23:37:32 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)

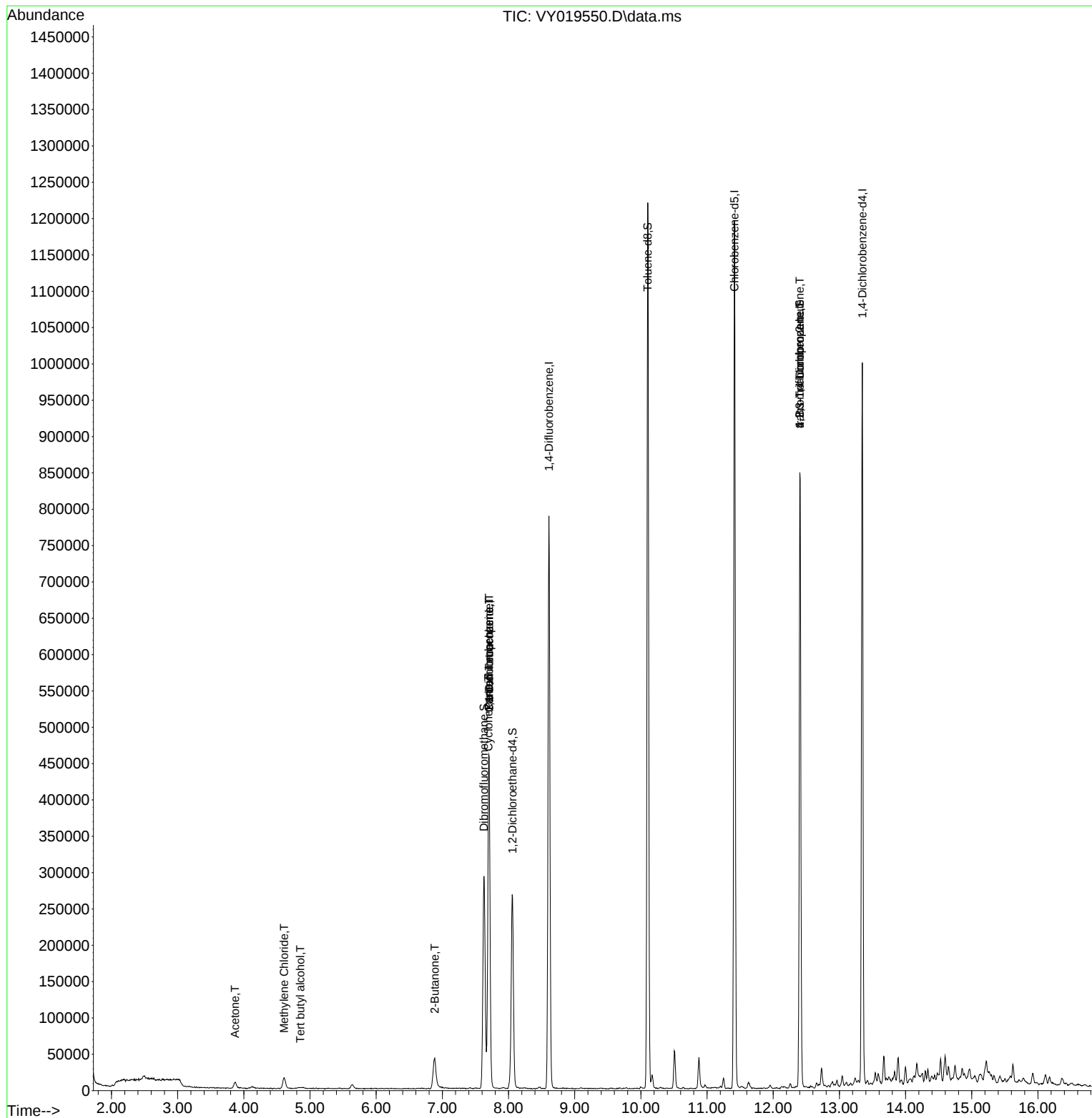
Internal Standards						
1) Pentafluorobenzene	7.701	168	341607	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.610	114	654222	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	599765	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	238422	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	210990	66.701	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 133.400%	
35) Dibromofluoromethane	7.628	113	211062	56.900	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.800%	
50) Toluene-d8	10.103	98	785044	57.219	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 114.440%	
62) 4-Bromofluorobenzene	12.402	95	268216	50.843	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 101.680%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.873	85	56	Below Cal	#	43
11) Tert butyl alcohol	4.854	59	2405	9.415	ug/l #	84
13) Acrolein	3.641	56	64	Below Cal	#	1
16) Acetone	3.866	43	16059	21.310	ug/l #	78
20) Methylene Chloride	4.610	84	10821	3.149	ug/l #	88
25) 2-Butanone	6.884	43	2521	2.352	ug/l #	57
31) Cyclohexane	7.695	56	8970	1.585	ug/l #	1
36) 1,1-Dichloropropene	7.707	75	30260	5.995	ug/l #	50
38) Carbon Tetrachloride	7.707	117	36304	6.378	ug/l #	16
76) 1,2,3-Trichloropropane	12.402	75	144204	64.529	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	144204	123.878	ug/l #	16

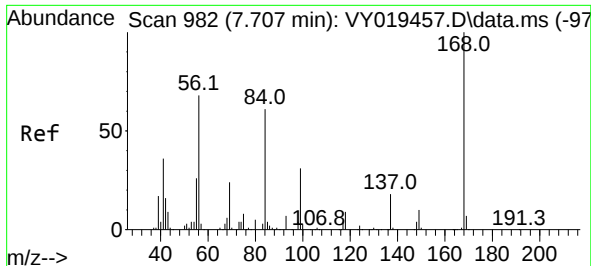
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091324\
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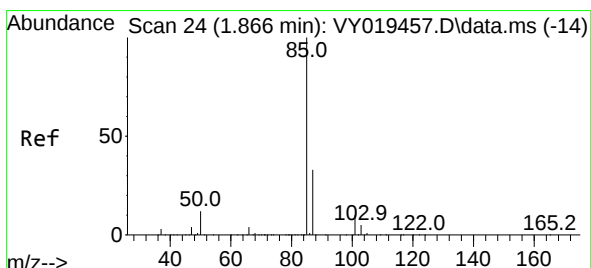
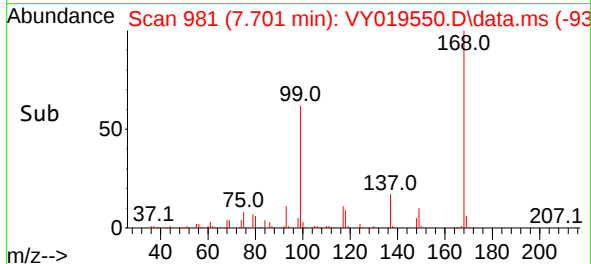
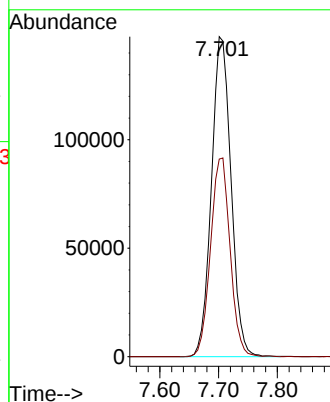
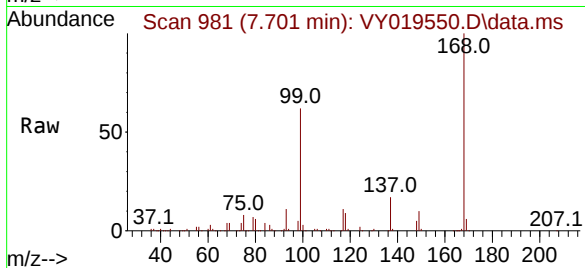




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019550.D
Acq: 13 Sep 2024 19:29

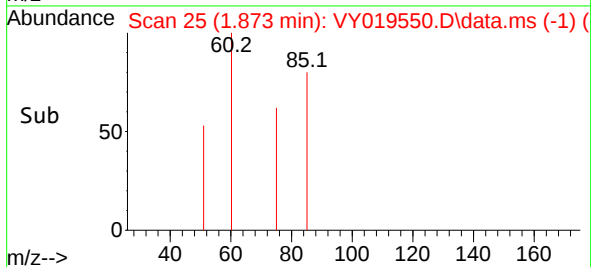
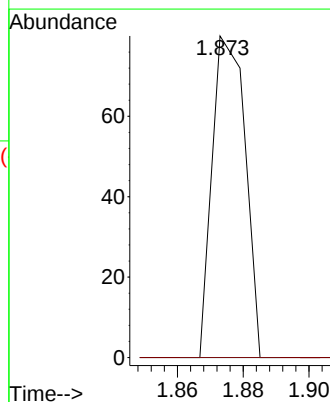
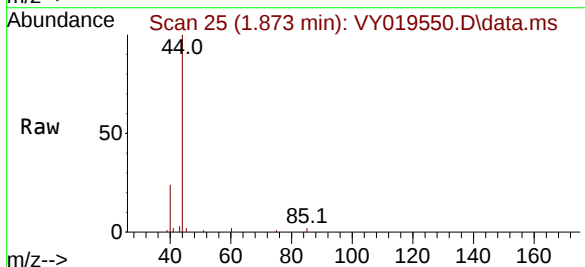
Instrument :
MSVOA_Y
ClientSampleId :
HD-02-091224

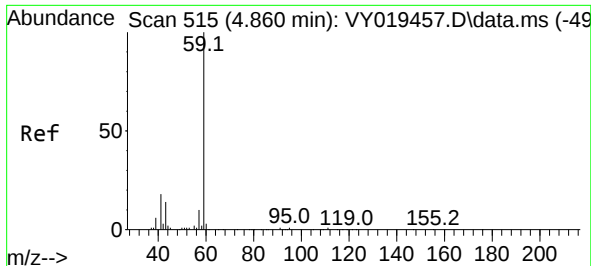
Tgt Ion:168 Resp: 341607
Ion Ratio Lower Upper
168 100
99 61.7 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.873 min Scan# 25
Delta R.T. 0.007 min
Lab File: VY019550.D
Acq: 13 Sep 2024 19:29

Tgt Ion: 85 Resp: 56
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#

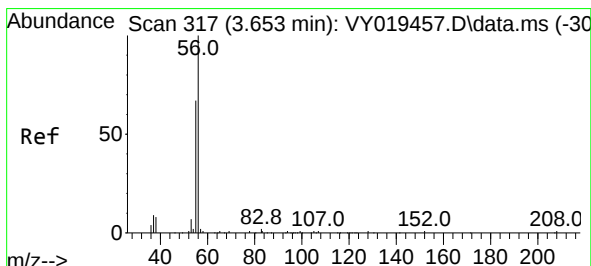
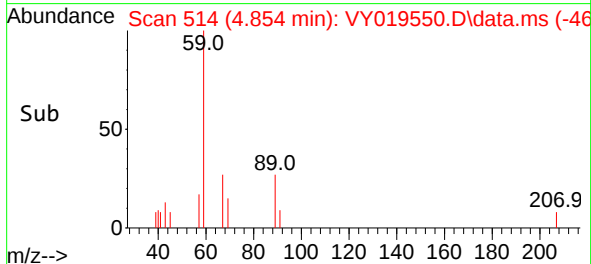
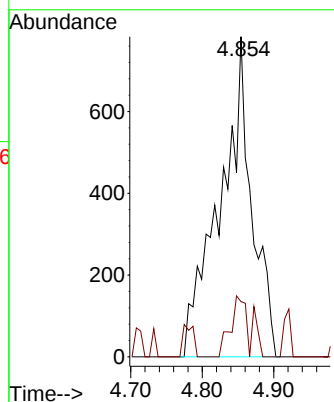
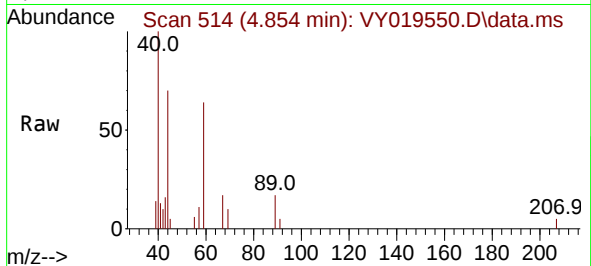




#11
Tert butyl alcohol
Concen: 9.415 ug/l
RT: 4.854 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY019550.D
Acq: 13 Sep 2024 19:29

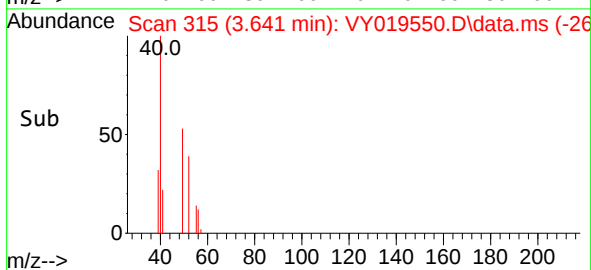
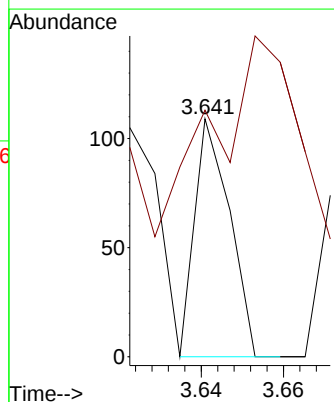
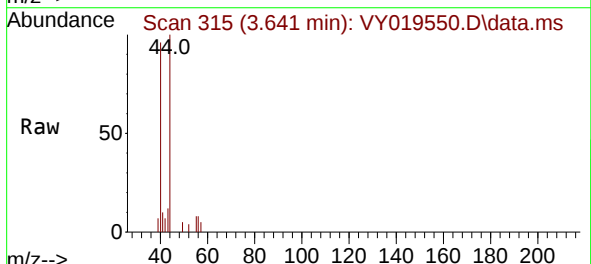
Instrument :
MSVOA_Y
ClientSampleId :
HD-02-091224

Tgt Ion: 59 Resp: 2405
Ion Ratio Lower Upper
59 100
57 9.1 3.0 4.6#



#13
Acrolein
Concen: Below Cal
RT: 3.641 min Scan# 315
Delta R.T. -0.012 min
Lab File: VY019550.D
Acq: 13 Sep 2024 19:29

Tgt Ion: 56 Resp: 64
Ion Ratio Lower Upper
56 100
55 410.9 55.7 83.5#





#16

Acetone

Concen: 21.310 ug/l

RT: 3.866 min Scan# 31

Delta R.T. -0.006 min

Lab File: VY019550.D

Acq: 13 Sep 2024 19:29

Instrument :

MSVOA_Y

ClientSampleId :

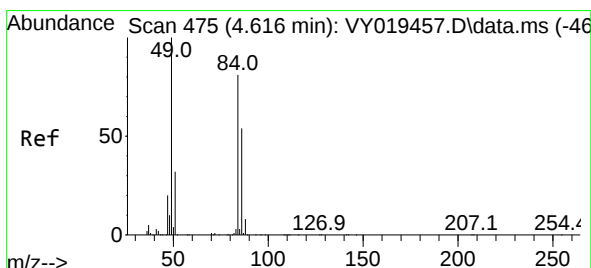
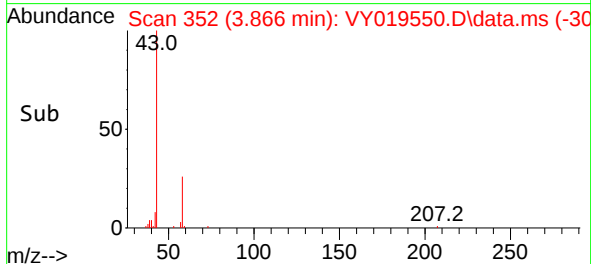
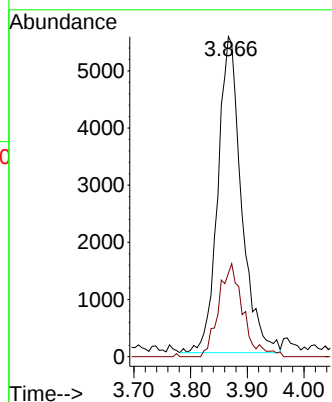
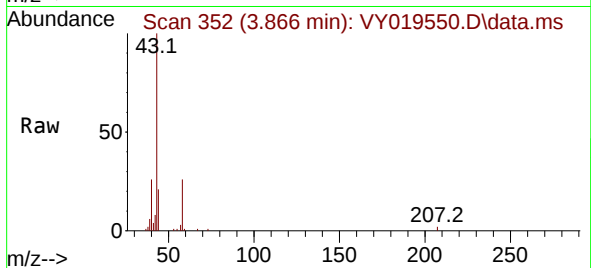
HD-02-091224

Tgt Ion: 43 Resp: 16059

Ion Ratio Lower Upper

43 100

58 26.4 31.7 47.5#



#20

Methylene Chloride

Concen: 3.149 ug/l

RT: 4.610 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY019550.D

Acq: 13 Sep 2024 19:29

Tgt Ion: 84 Resp: 10821

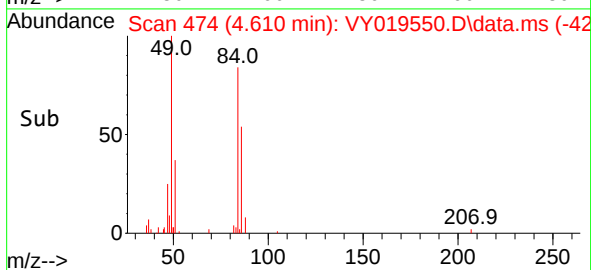
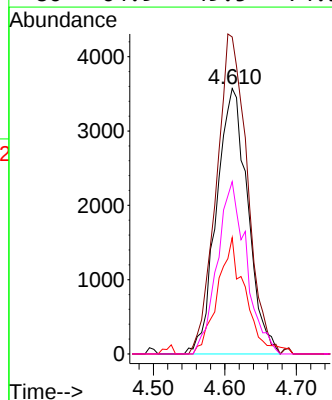
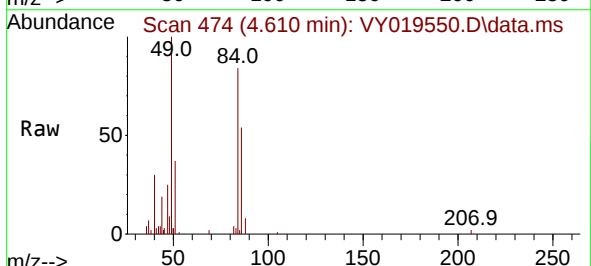
Ion Ratio Lower Upper

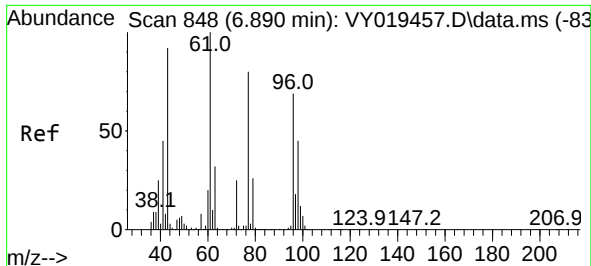
84 100

49 119.4 84.4 126.6

51 43.8 26.0 39.0#

86 64.9 49.5 74.3

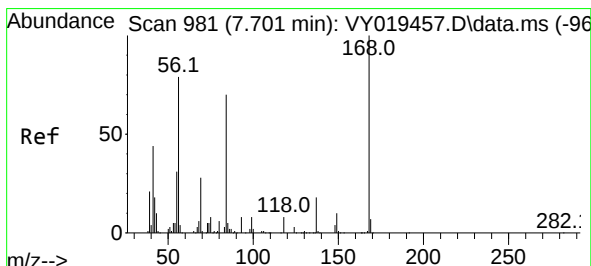
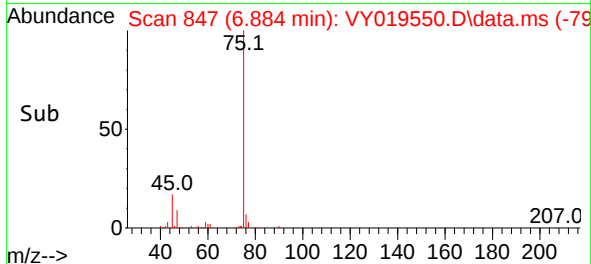
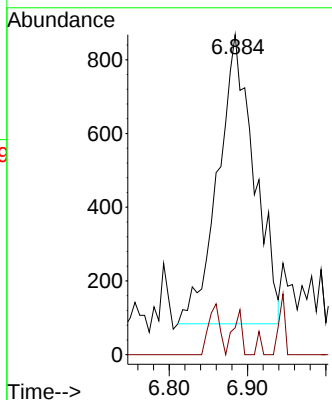
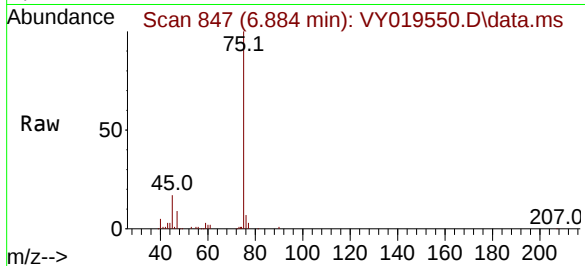




#25
2-Butanone
Concen: 2.352 ug/l
RT: 6.884 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY019550.D
Acq: 13 Sep 2024 19:29

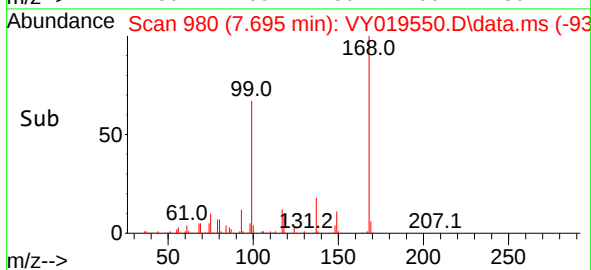
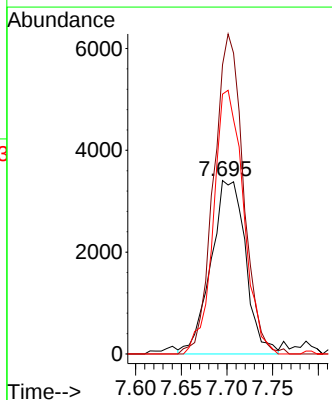
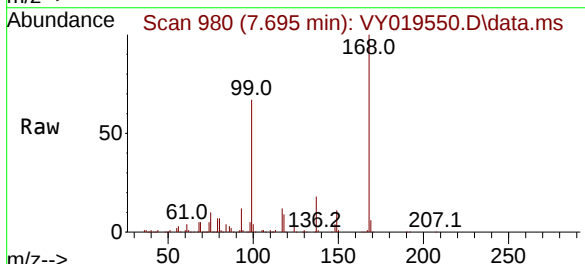
Instrument :
MSVOA_Y
ClientSampleId :
HD-02-091224

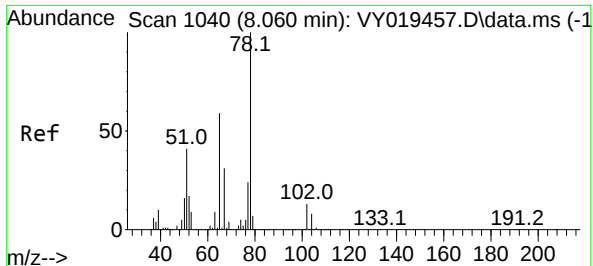
Tgt Ion: 43 Resp: 2521
Ion Ratio Lower Upper
43 100
72 9.3 27.3 40.9#



#31
Cyclohexane
Concen: 1.585 ug/l
RT: 7.695 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY019550.D
Acq: 13 Sep 2024 19:29

Tgt Ion: 56 Resp: 8970
Ion Ratio Lower Upper
56 100
69 170.3 28.7 43.1#
84 153.0 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 66.701 ug/l

RT: 8.061 min Scan# 1109

Delta R.T. 0.000 min

Lab File: VY019550.D

Acq: 13 Sep 2024 19:29

Instrument :

MSVOA_Y

ClientSampleId :

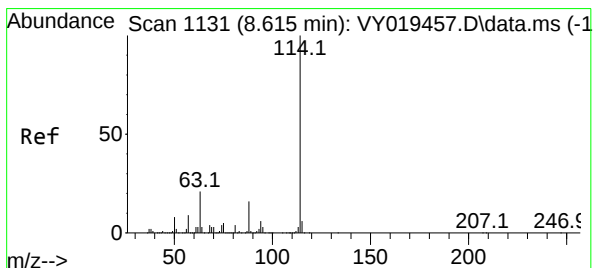
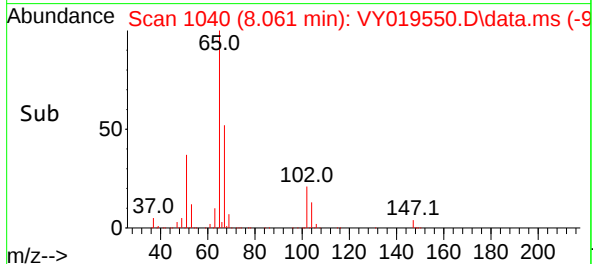
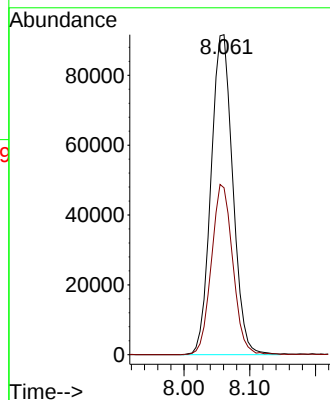
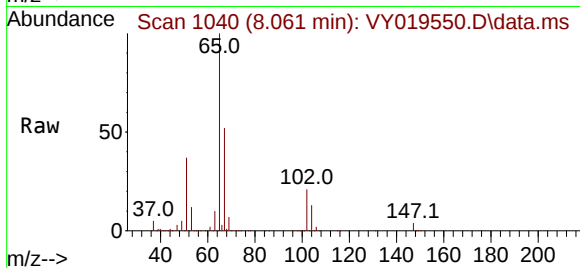
HD-02-091224

Tgt Ion: 65 Resp: 210990

Ion Ratio Lower Upper

65 100

67 52.4 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: VY019550.D

Acq: 13 Sep 2024 19:29

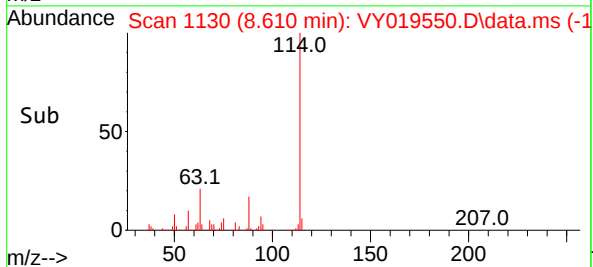
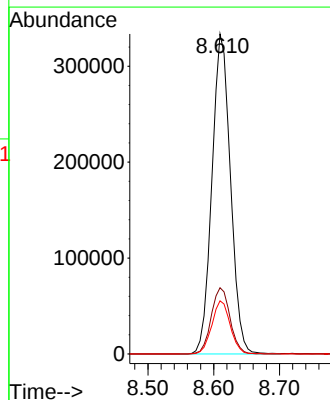
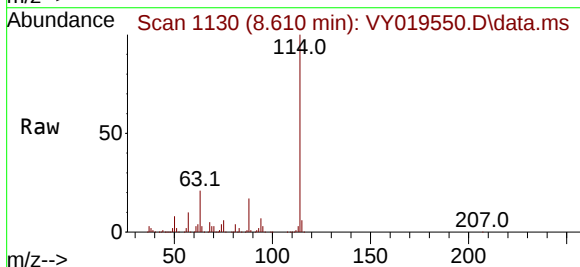
Tgt Ion: 114 Resp: 654222

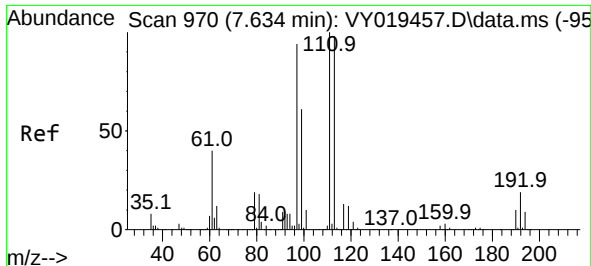
Ion Ratio Lower Upper

114 100

63 20.7 0.0 35.0

88 16.6 0.0 27.2

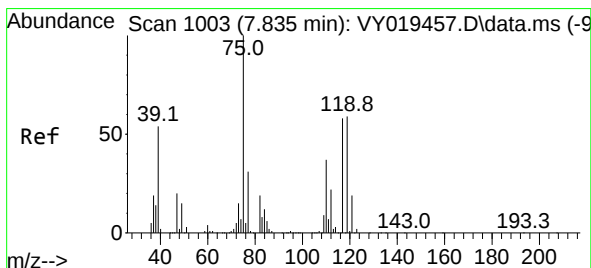
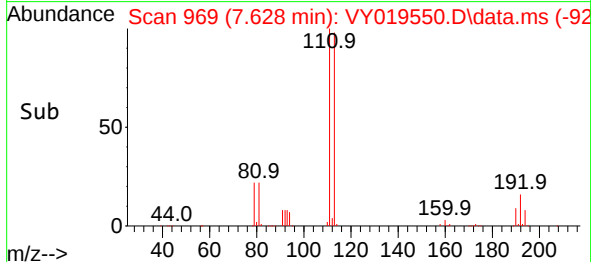
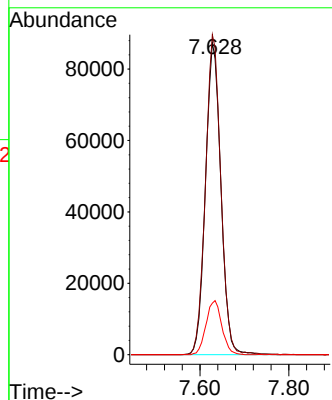
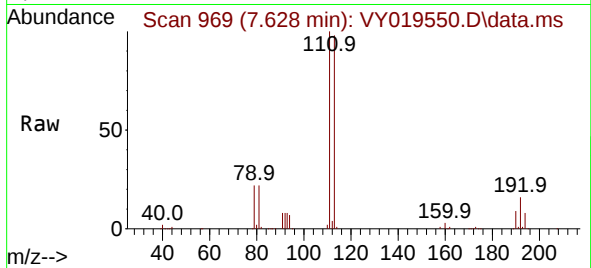




#35
Dibromofluoromethane
Concen: 56.900 ug/l
RT: 7.628 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY019550.D
Acq: 13 Sep 2024 19:29

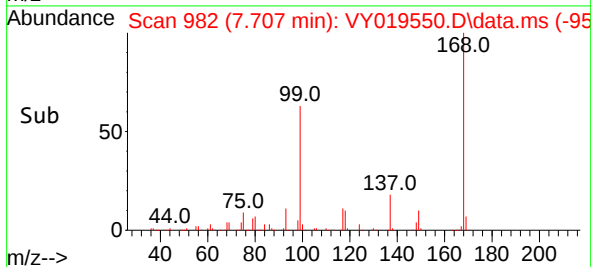
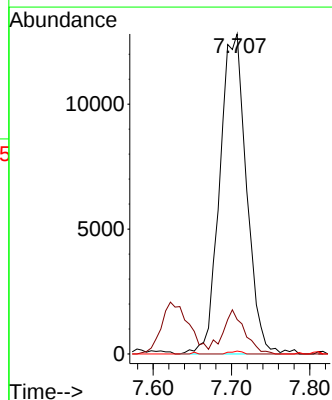
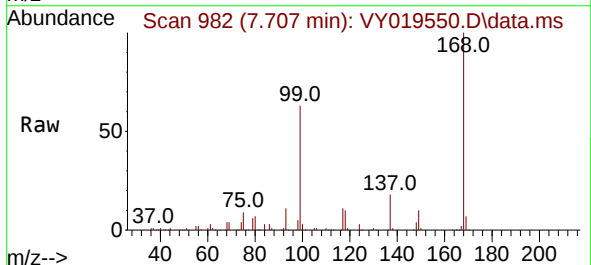
Instrument :
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HD-02-091224

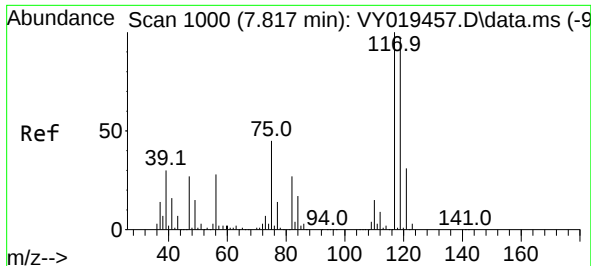
Tgt Ion:113 Resp: 211062
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.4
192 17.8 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.995 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY019550.D
Acq: 13 Sep 2024 19:29

Tgt Ion: 75 Resp: 30260
Ion Ratio Lower Upper
75 100
110 11.3 19.0 57.0#
77 0.4 25.3 37.9#

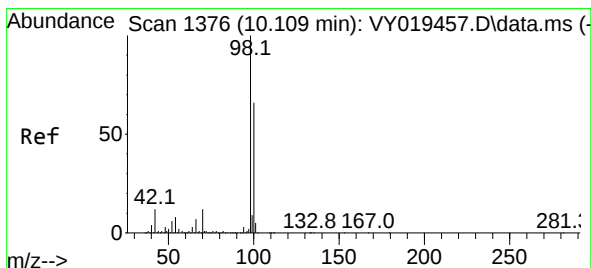
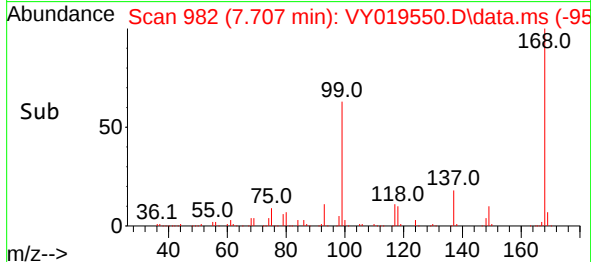
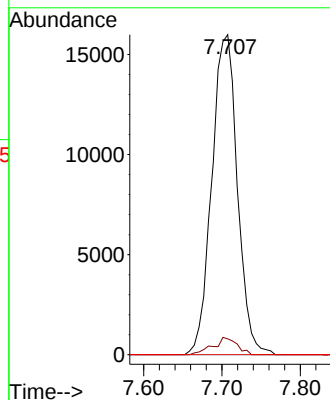
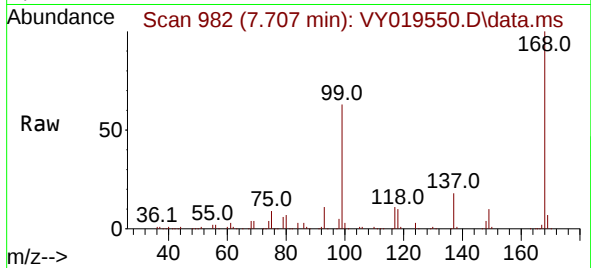




#38
Carbon Tetrachloride
Concen: 6.378 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY019550.D
Acq: 13 Sep 2024 19:29

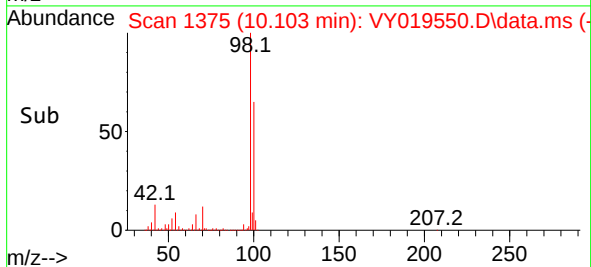
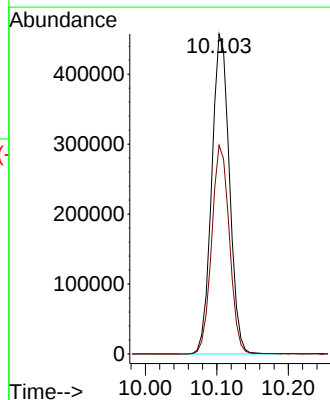
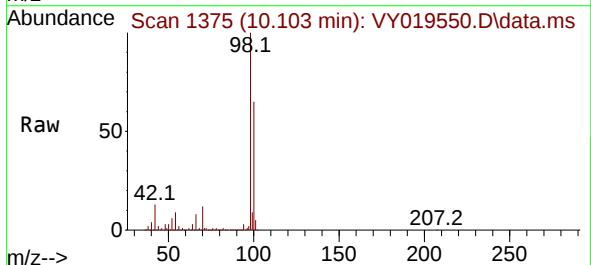
Instrument :
MSVOA_Y
ClientSampleId :
HD-02-091224

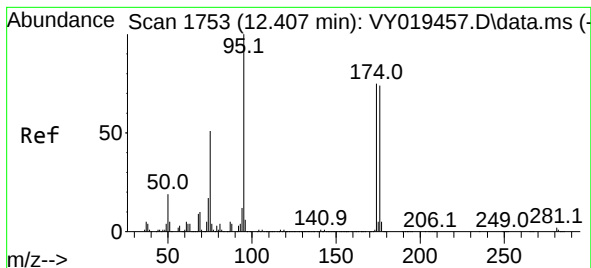
Tgt Ion:117 Resp: 36304
Ion Ratio Lower Upper
117 100
119 4.9 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 57.219 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY019550.D
Acq: 13 Sep 2024 19:29

Tgt Ion: 98 Resp: 785044
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0

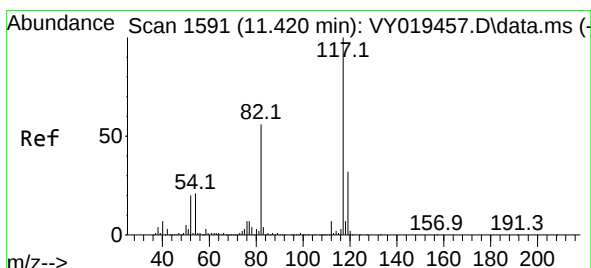
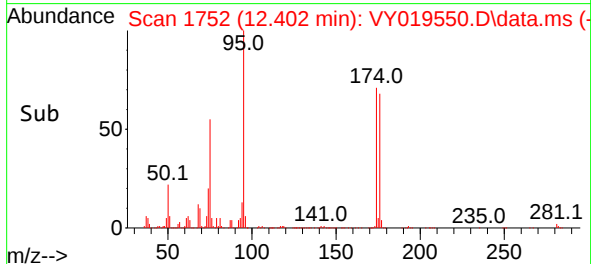
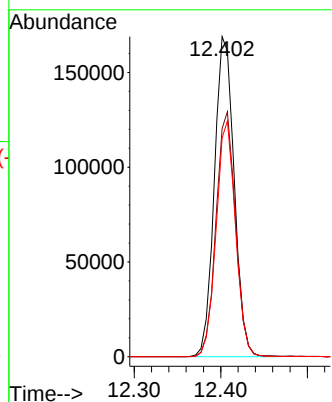
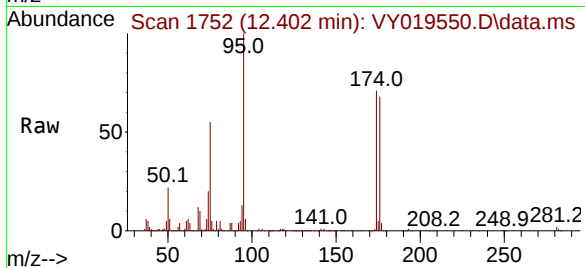




#62
4-Bromofluorobenzene
Concen: 50.843 ug/l
RT: 12.402 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019550.D
Acq: 13 Sep 2024 19:29

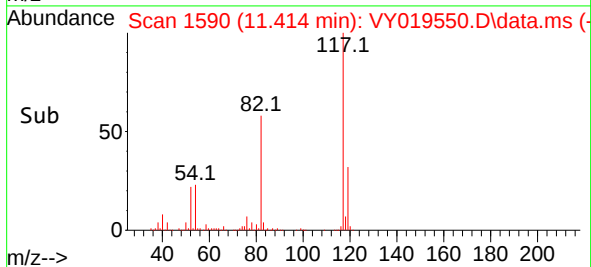
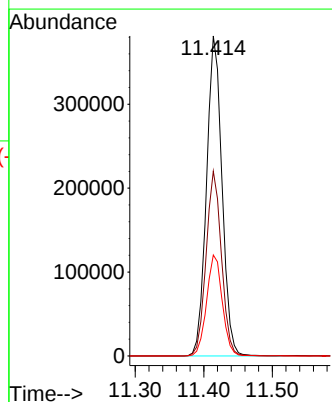
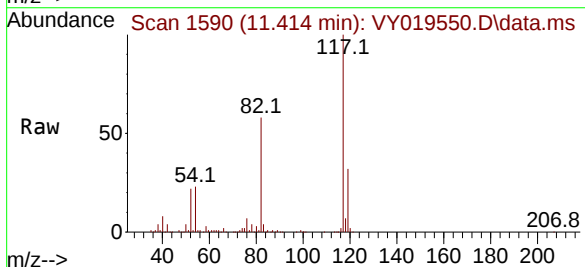
Instrument :
MSVOA_Y
ClientSampleId :
HD-02-091224

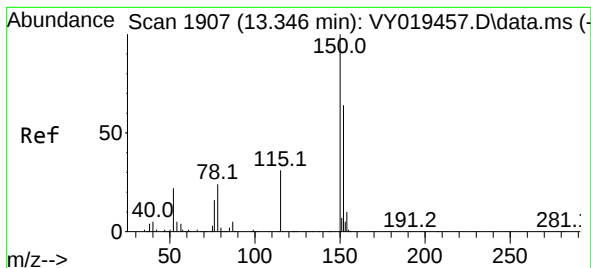
Tgt Ion: 95 Resp: 268216
Ion Ratio Lower Upper
95 100
174 75.4 0.0 175.6
176 71.9 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019550.D
Acq: 13 Sep 2024 19:29

Tgt Ion: 117 Resp: 599765
Ion Ratio Lower Upper
117 100
82 57.8 42.4 63.6
119 31.5 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: VY019550.D

Acq: 13 Sep 2024 19:29

Instrument :

MSVOA_Y

ClientSampleId :

HD-02-091224

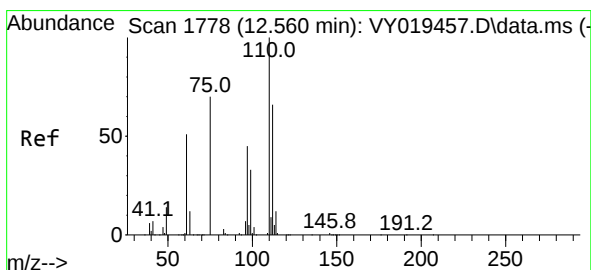
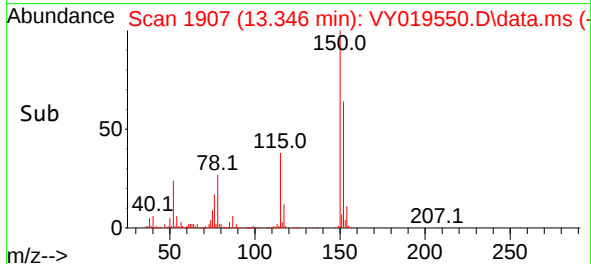
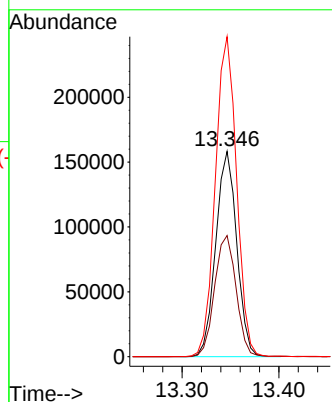
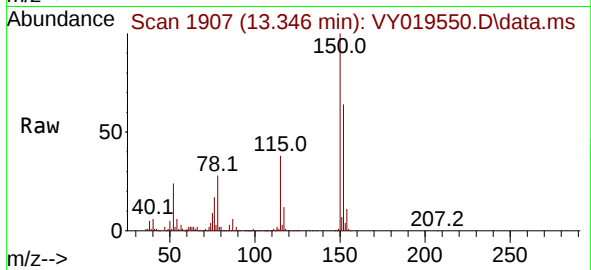
Tgt Ion:152 Resp: 238422

Ion Ratio Lower Upper

152 100

115 60.8 28.2 84.7

150 157.8 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 64.529 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.158 min

Lab File: VY019550.D

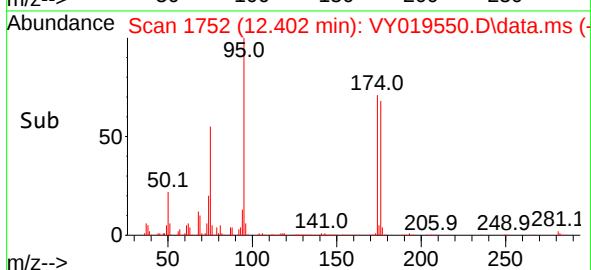
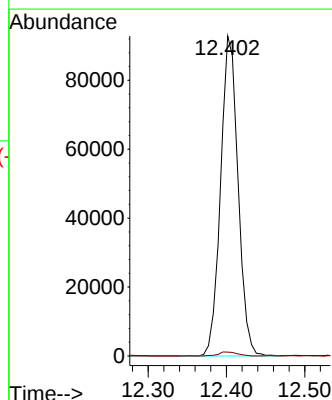
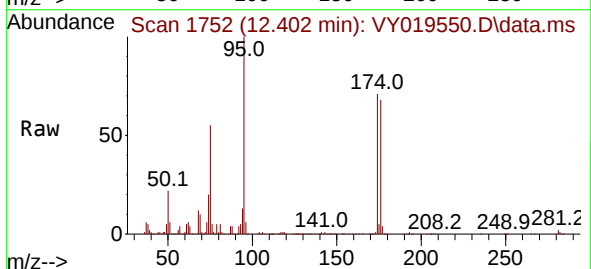
Acq: 13 Sep 2024 19:29

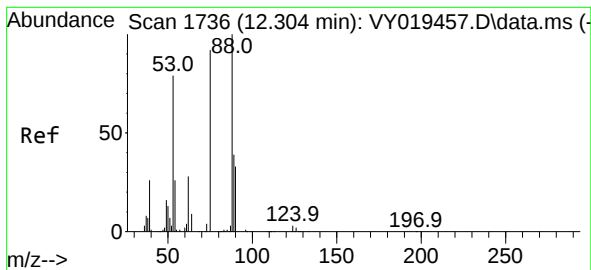
Tgt Ion: 75 Resp: 144204

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 123.878 ug/l
 RT: 12.402 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY019550.D
 Acq: 13 Sep 2024 19:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-02-091224

Tgt Ion: 75 Resp: 144204
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.1 35.8 53.6#

