

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052424\
 Data File : VY018368.D
 Acq On : 24 May 2024 16:20
 Operator : SY/MD
 Sample : P2597-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 25 03:25:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 23 01:40:36 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

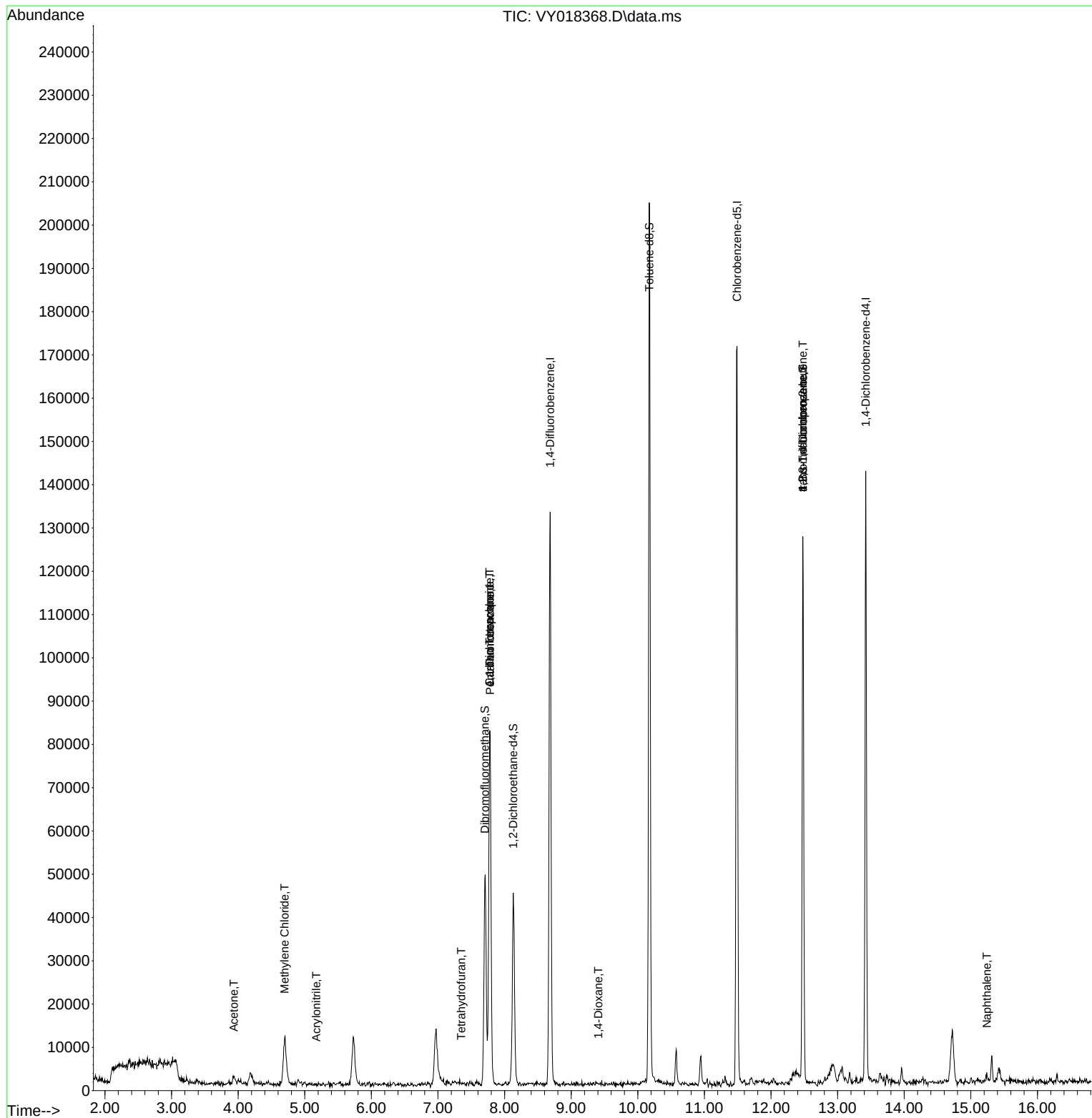
Internal Standards						
1) Pentafluorobenzene	7.783	168	62391	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	115425	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	94005	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	33552	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	31156	52.708	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.420%	
35) Dibromofluoromethane	7.704	113	34666	51.502	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.000%	
50) Toluene-d8	10.173	98	131782	50.216	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.440%	
62) 4-Bromofluorobenzene	12.477	95	36602	45.138	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 90.280%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.936	59	685	Below Cal	#	97
13) Acrolein	3.729	56	69	Below Cal	#	15
15) Acrylonitrile	5.174	53	173	1.153	ug/l #	80
16) Acetone	3.936	43	2772	22.801	ug/l #	85
20) Methylene Chloride	4.698	84	7837	7.036	ug/l	94
29) Tetrahydrofuran	7.350	42	199	1.569	ug/l #	26
31) Cyclohexane	7.777	56	1764	Below Cal	#	1
36) 1,1-Dichloropropene	7.777	75	6080	6.229	ug/l #	49
38) Carbon Tetrachloride	7.777	117	6402	6.403	ug/l #	16
49) 1,4-Dioxane	9.405	88	23	4.514	ug/l #	20
76) 1,2,3-Trichloropropane	12.477	75	20398	67.642	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	20398	139.173	ug/l #	16
95) Naphthalene	15.239	128	1617	1.463	ug/l #	93

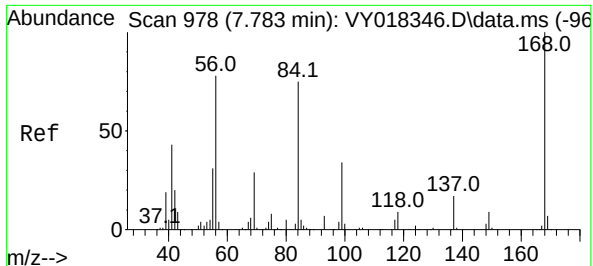
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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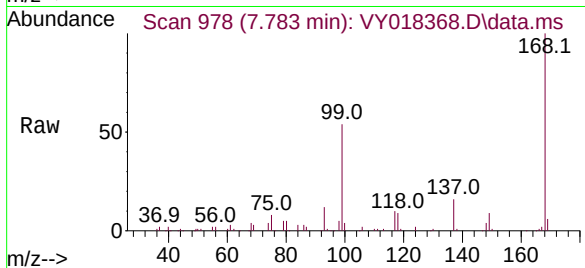
Quant Time: May 25 03:25:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
Quant Title : SW846 8260
QLast Update : Thu May 23 01:40:36 2024
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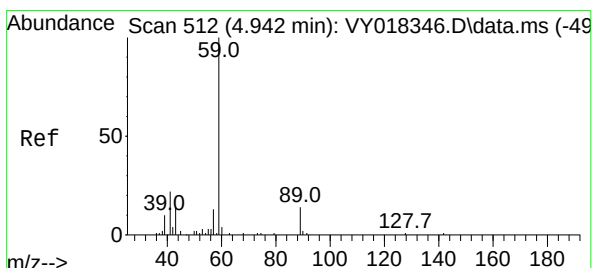
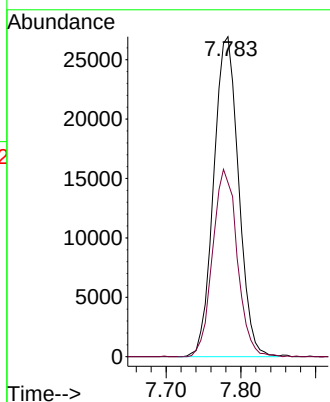
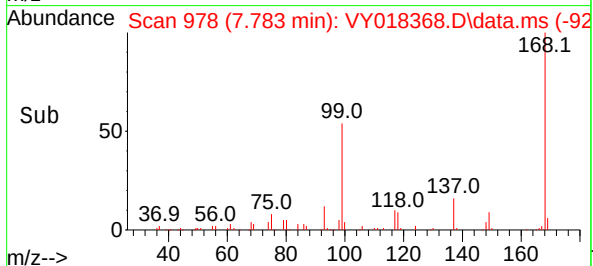


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018368.D
Acq: 24 May 2024 16:20

Instrument :
MSVOA_Y
ClientSampleId :

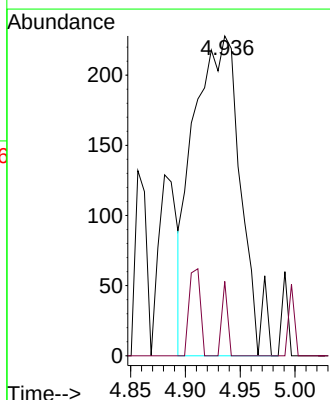
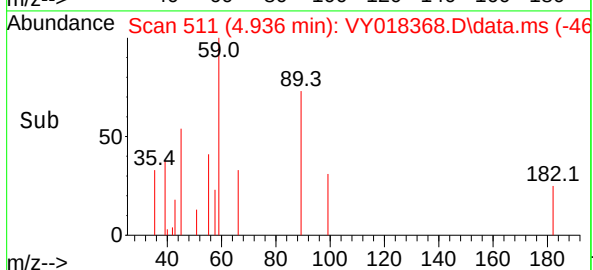
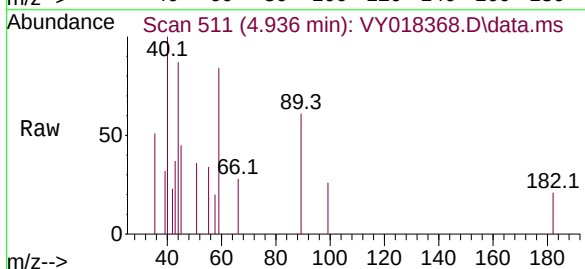


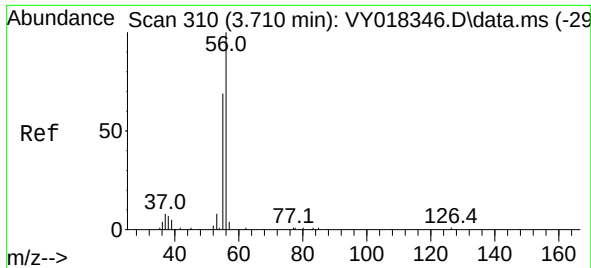
Tgt Ion:168 Resp: 62391
Ion Ratio Lower Upper
168 100
99 54.4 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY018368.D
Acq: 24 May 2024 16:20

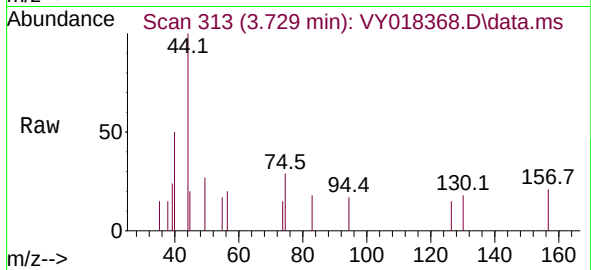
Tgt Ion: 59 Resp: 685
Ion Ratio Lower Upper
59 100
57 2.8 3.0 4.6#



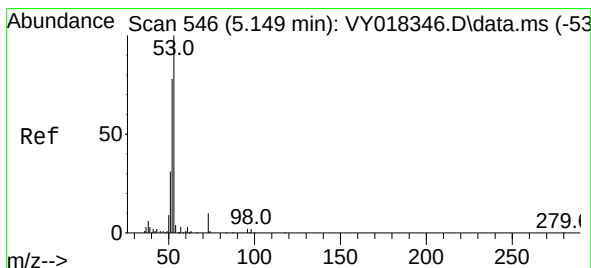
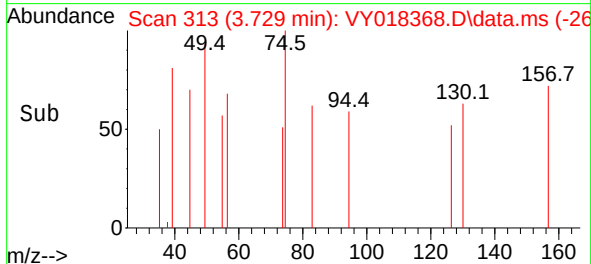
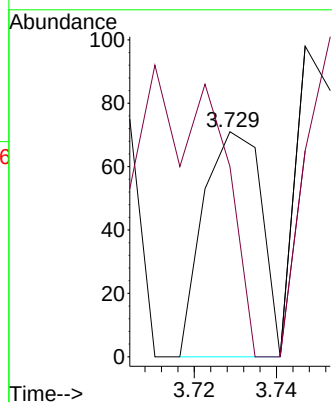


#13
Acrolein
Concen: Below Cal
RT: 3.729 min Scan# 310
Delta R.T. 0.019 min
Lab File: VY018368.D
Acq: 24 May 2024 16:20

Instrument :
MSVOA_Y
ClientSampleId :

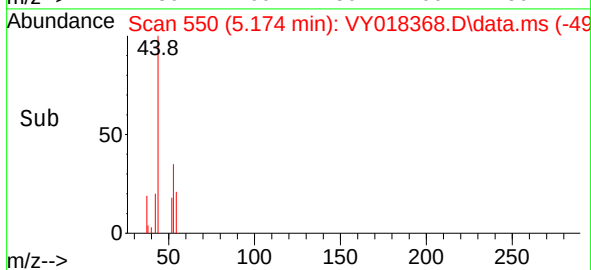
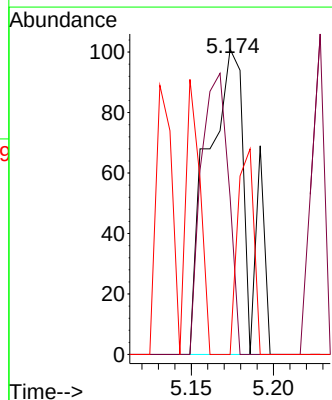
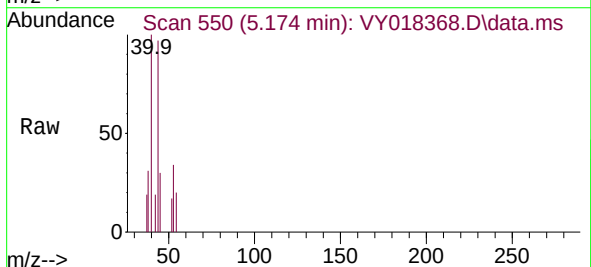


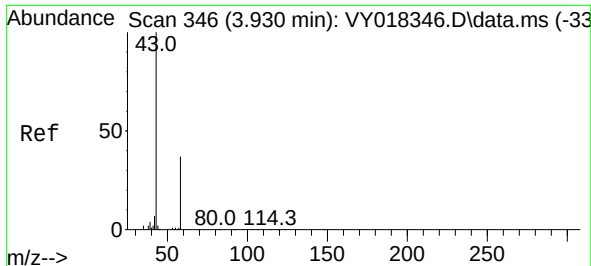
Tgt Ion: 56 Resp: 69
Ion Ratio Lower Upper
56 100
55 0.0 55.7 83.5#



#15
Acrylonitrile
Concen: 1.153 ug/l
RT: 5.174 min Scan# 550
Delta R.T. 0.024 min
Lab File: VY018368.D
Acq: 24 May 2024 16:20

Tgt Ion: 53 Resp: 173
Ion Ratio Lower Upper
53 100
52 61.8 64.7 97.1#
51 26.6 28.4 42.6#

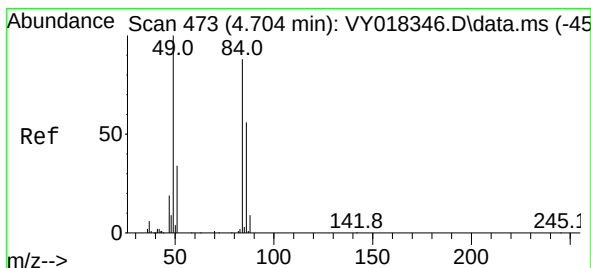
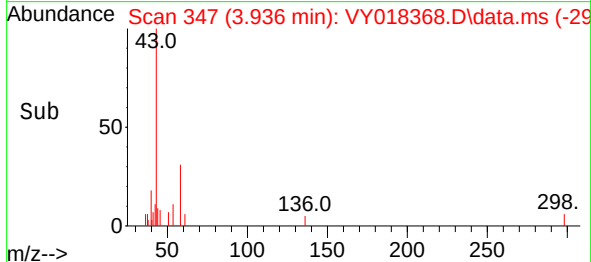
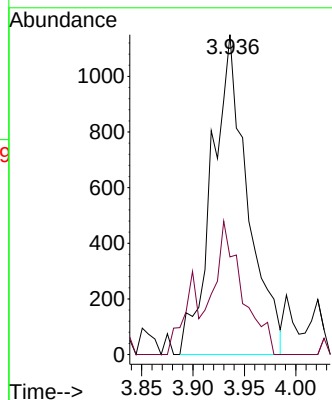
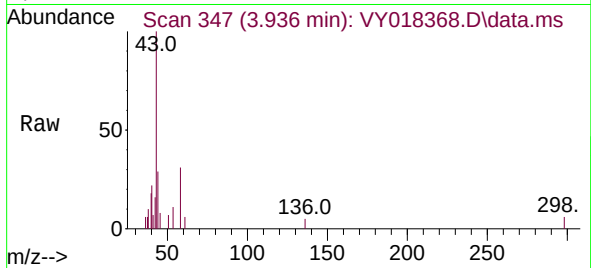




#16
Acetone
Concen: 22.801 ug/l
RT: 3.936 min Scan# 346
Delta R.T. 0.006 min
Lab File: VY018368.D
Acq: 24 May 2024 16:20

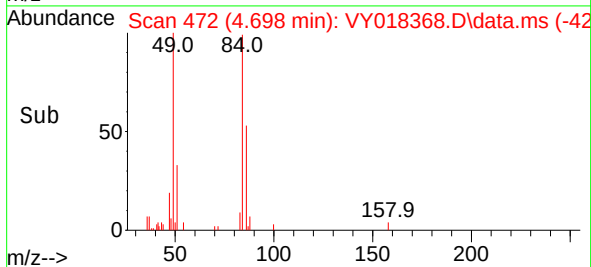
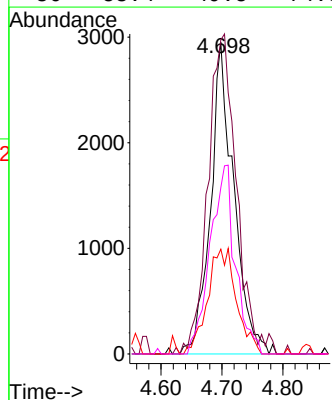
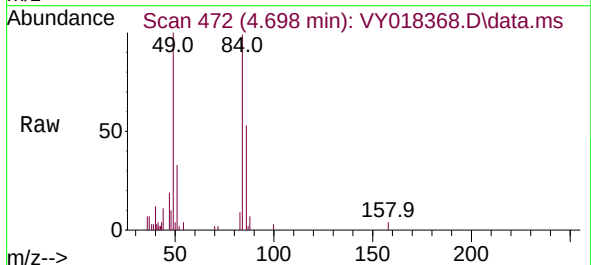
Instrument :
MSVOA_Y
ClientSampleId :

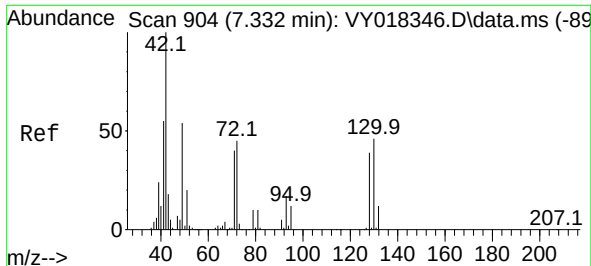
Tgt Ion: 43 Resp: 2772
Ion Ratio Lower Upper
43 100
58 30.5 31.7 47.5#



#20
Methylene Chloride
Concen: 7.036 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.006 min
Lab File: VY018368.D
Acq: 24 May 2024 16:20

Tgt Ion: 84 Resp: 7837
Ion Ratio Lower Upper
84 100
49 100.7 84.4 126.6
51 33.6 26.0 39.0
86 53.4 49.5 74.3





#29

Tetrahydrofuran

Concen: 1.569 ug/l

RT: 7.350 min Scan# 904

Delta R.T. 0.018 min

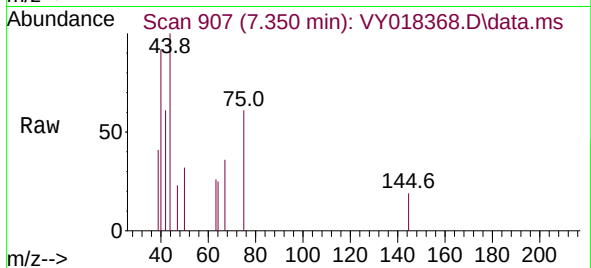
Lab File: VY018368.D

Acq: 24 May 2024 16:20

Instrument :

MSVOA_Y

ClientSampleId :



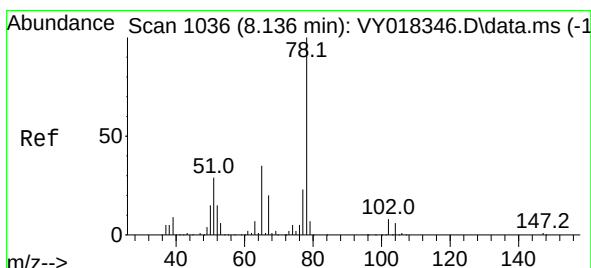
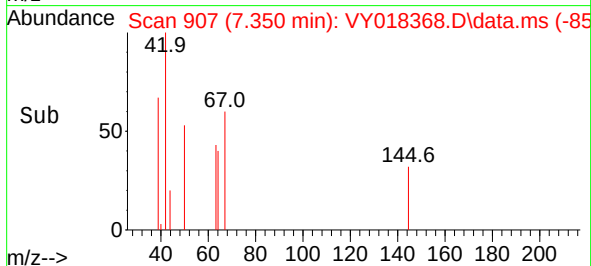
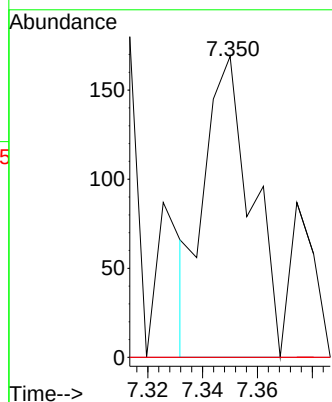
Tgt Ion: 42 Resp: 199

Ion Ratio Lower Upper

42 100

72 0.0 43.0 64.4#

71 0.0 40.8 61.2#



#33

1,2-Dichloroethane-d4

Concen: 52.708 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. -0.006 min

Lab File: VY018368.D

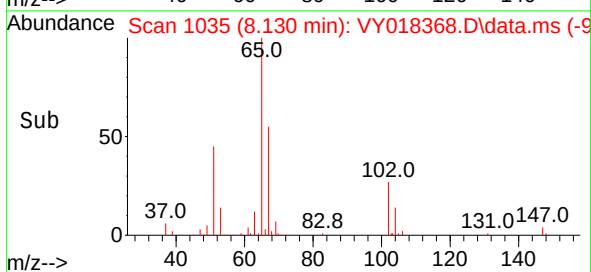
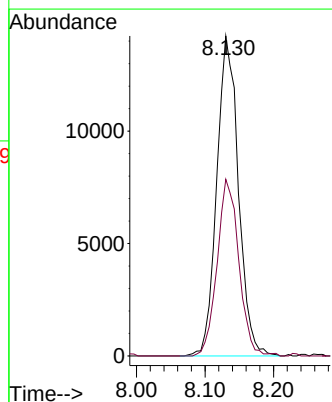
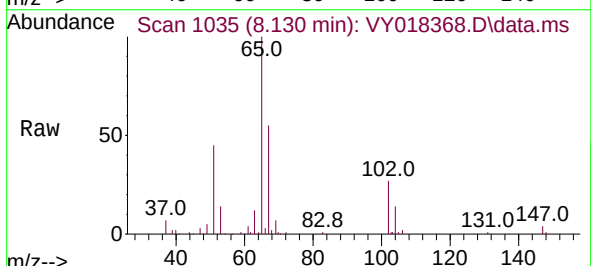
Acq: 24 May 2024 16:20

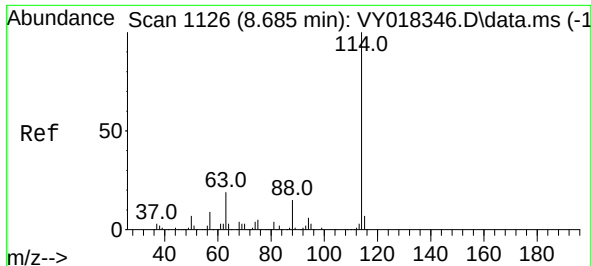
Tgt Ion: 65 Resp: 31156

Ion Ratio Lower Upper

65 100

67 55.5 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY018368.D

Acq: 24 May 2024 16:20

Instrument :

MSVOA_Y

ClientSampleId :

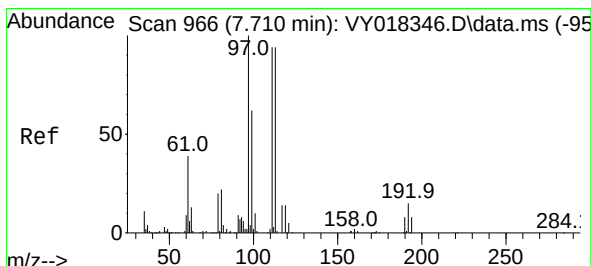
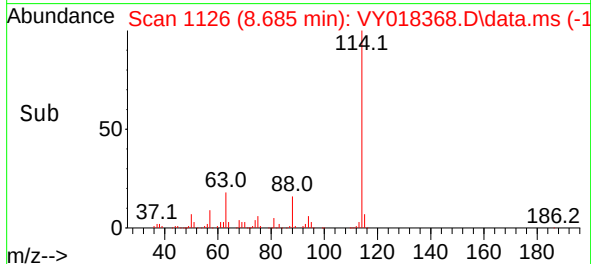
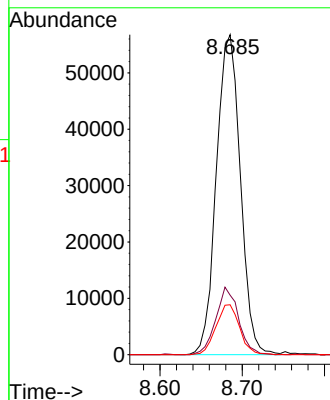
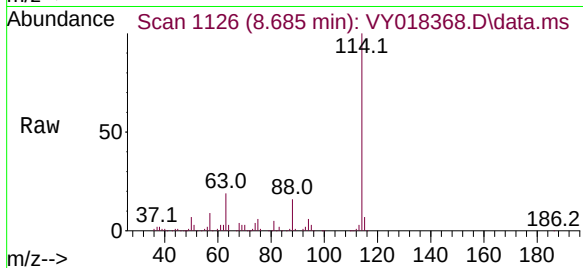
Tgt Ion:114 Resp: 115425

Ion Ratio Lower Upper

114 100

63 18.6 0.0 35.0

88 15.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 51.502 ug/l

RT: 7.704 min Scan# 965

Delta R.T. -0.006 min

Lab File: VY018368.D

Acq: 24 May 2024 16:20

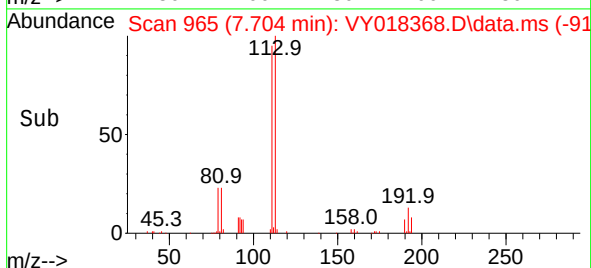
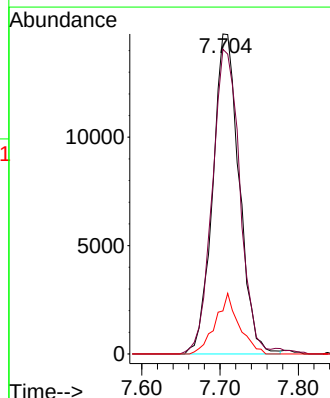
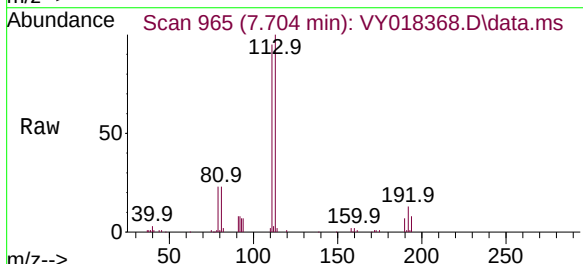
Tgt Ion:113 Resp: 34666

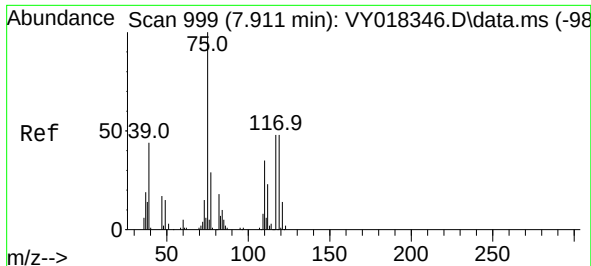
Ion Ratio Lower Upper

113 100

111 99.1 82.2 123.4

192 16.7 15.9 23.9

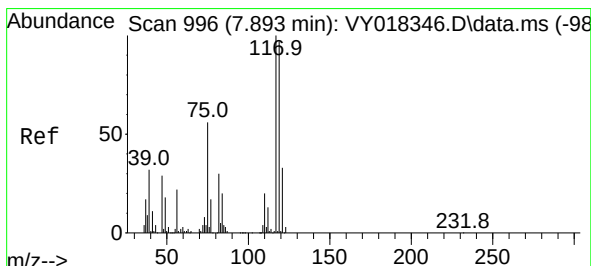
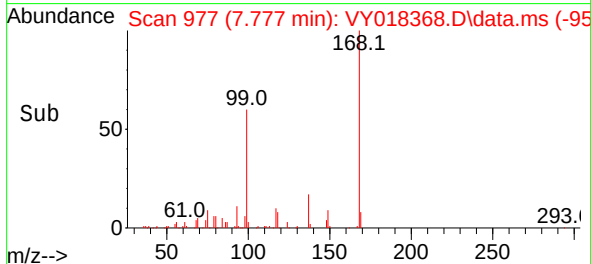
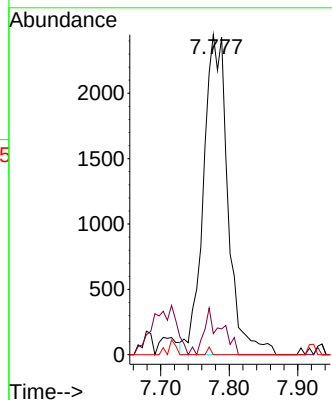
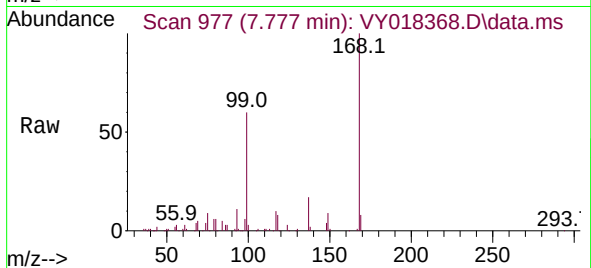




#36
1,1-Dichloropropene
Concen: 6.229 ug/l
RT: 7.777 min Scan# 911
Delta R.T. -0.134 min
Lab File: VY018368.D
Acq: 24 May 2024 16:20

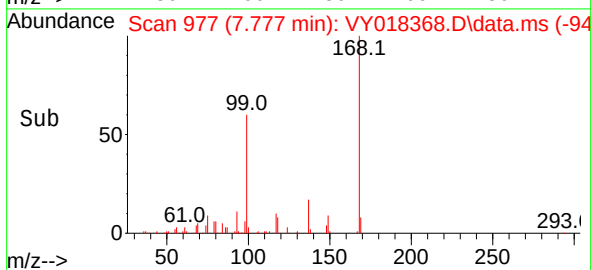
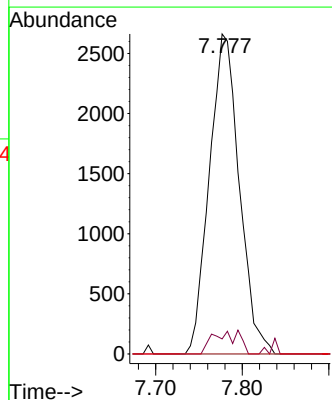
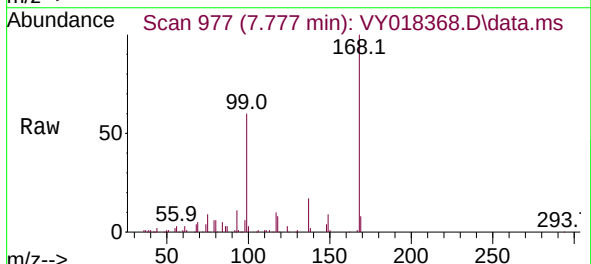
Instrument :
MSVOA_Y
ClientSampleId :

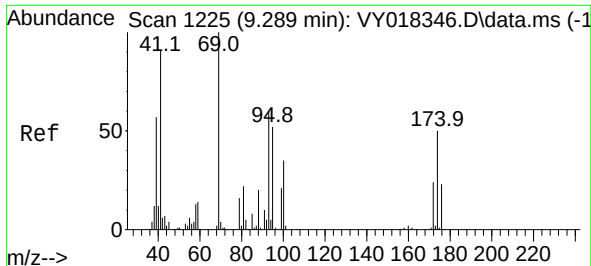
Tgt Ion: 75 Resp: 6080
Ion Ratio Lower Upper
75 100
110 10.3 19.0 57.0#
77 0.4 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.403 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.116 min
Lab File: VY018368.D
Acq: 24 May 2024 16:20

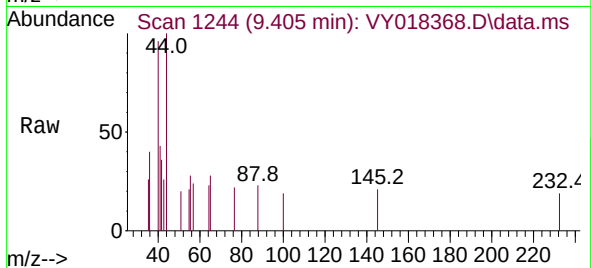
Tgt Ion: 117 Resp: 6402
Ion Ratio Lower Upper
117 100
119 4.7 75.8 113.6#
121 0.0 24.0 36.0#



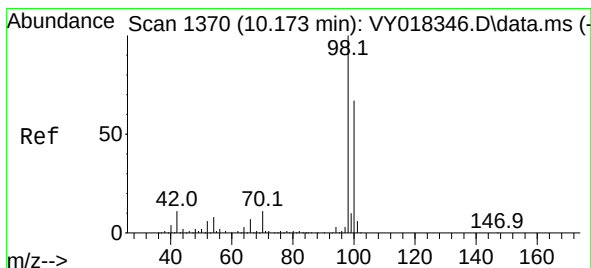
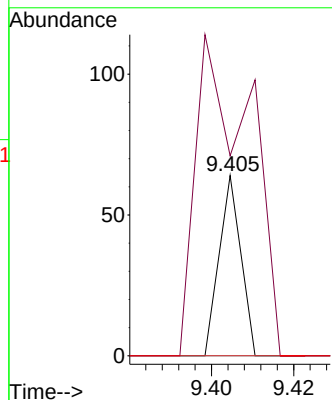
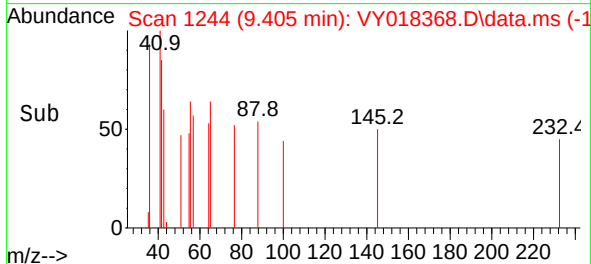


#49
1,4-Dioxane
Concen: 4.514 ug/l
RT: 9.405 min Scan# 1225
Delta R.T. 0.116 min
Lab File: VY018368.D
Acq: 24 May 2024 16:20

Instrument :
MSVOA_Y
ClientSampleId :

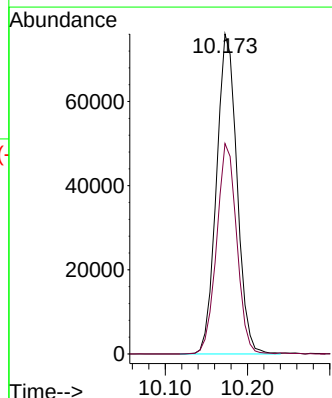
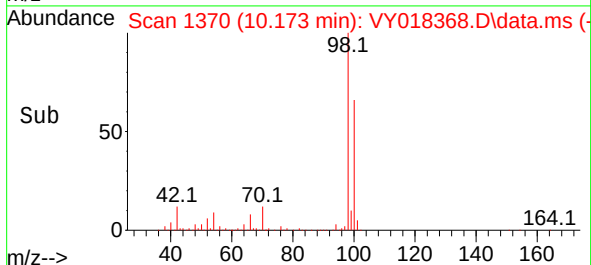
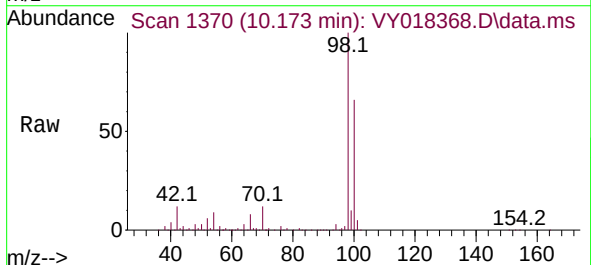


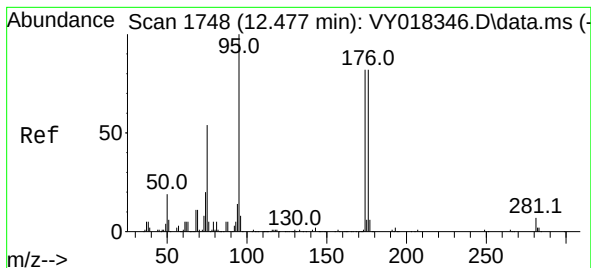
Tgt Ion: 88 Resp: 23
Ion Ratio Lower Upper
88 100
43 452.2 0.0 0.0#
58 0.0 49.3 73.9#



#50
Toluene-d8
Concen: 50.216 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY018368.D
Acq: 24 May 2024 16:20

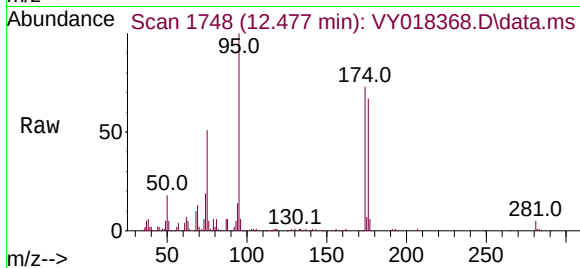
Tgt Ion: 98 Resp: 131782
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



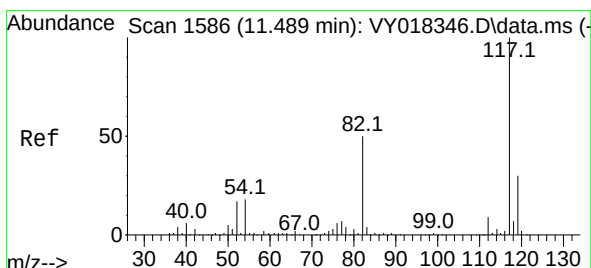
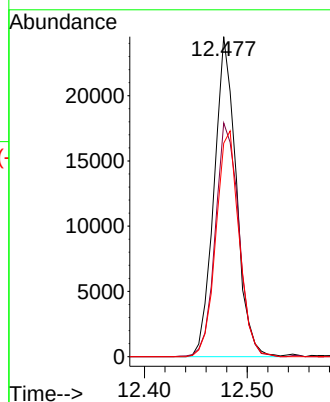
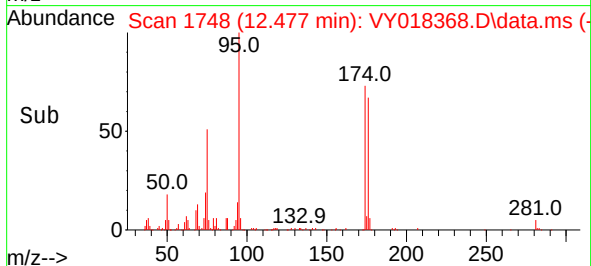


#62
4-Bromofluorobenzene
Concen: 45.138 ug/l
RT: 12.477 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY018368.D
Acq: 24 May 2024 16:20

Instrument :
MSVOA_Y
ClientSampleId :

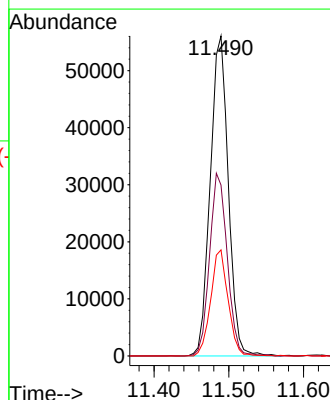
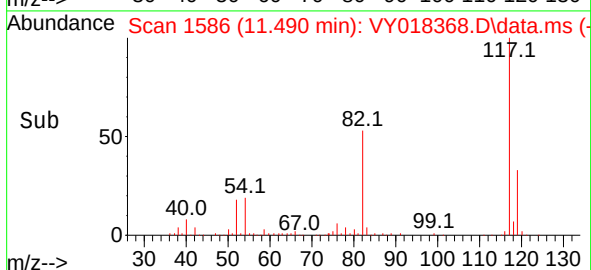
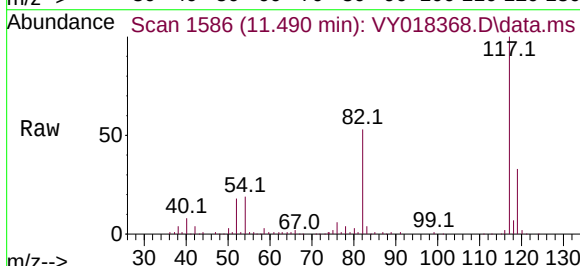


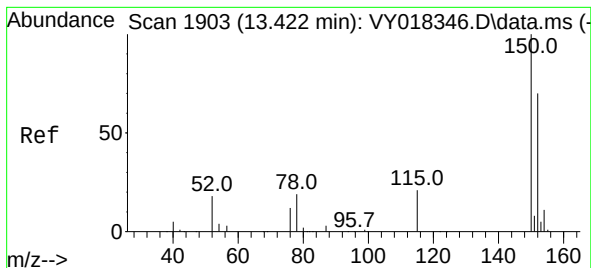
Tgt Ion: 95 Resp: 36602
Ion Ratio Lower Upper
95 100
174 77.3 0.0 175.6
176 73.8 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY018368.D
Acq: 24 May 2024 16:20

Tgt Ion: 117 Resp: 94005
Ion Ratio Lower Upper
117 100
82 53.4 42.4 63.6
119 33.1 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018368.D

Acq: 24 May 2024 16:20

Instrument :

MSVOA_Y

ClientSampleId :

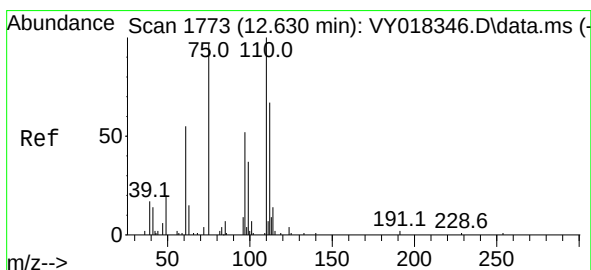
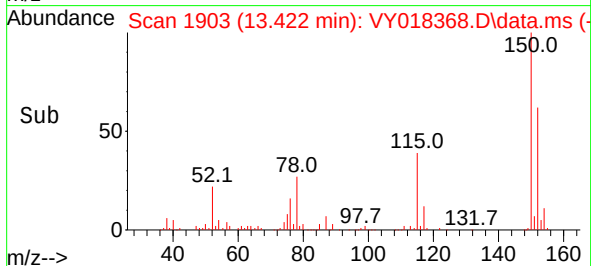
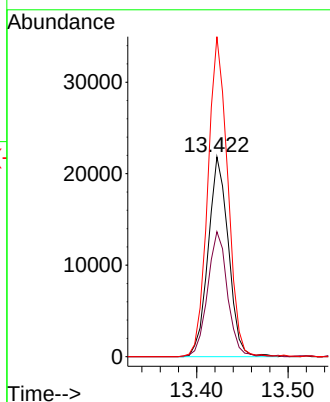
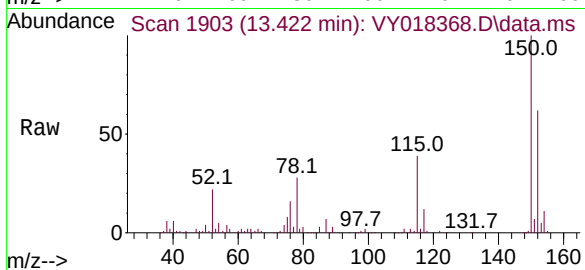
Tgt Ion:152 Resp: 33552

Ion Ratio Lower Upper

152 100

115 61.7 28.2 84.7

150 157.0 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 67.642 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY018368.D

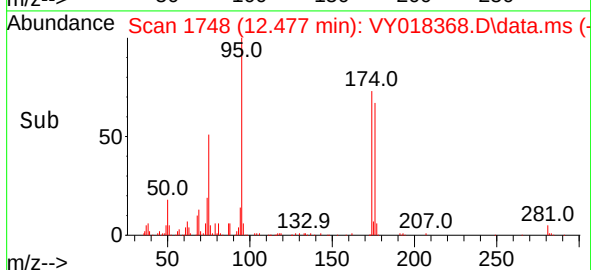
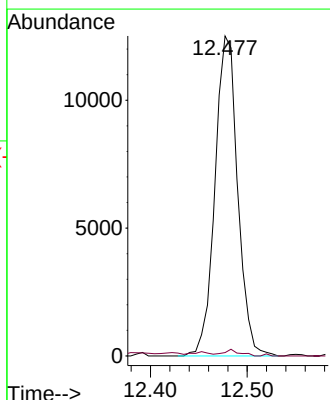
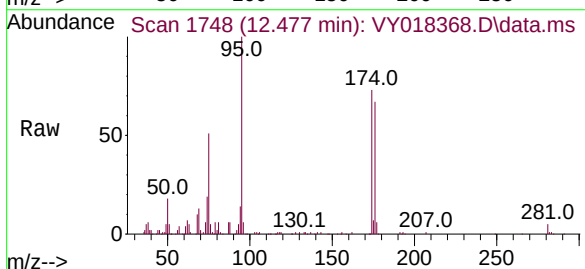
Acq: 24 May 2024 16:20

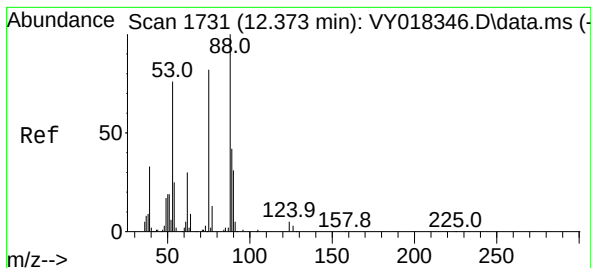
Tgt Ion: 75 Resp: 20398

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#

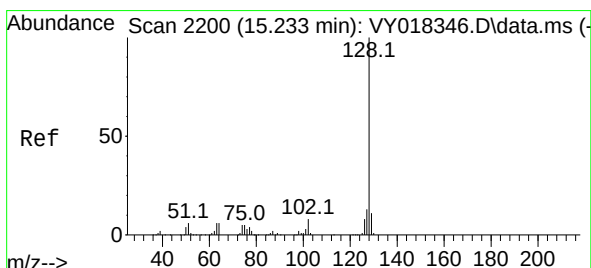
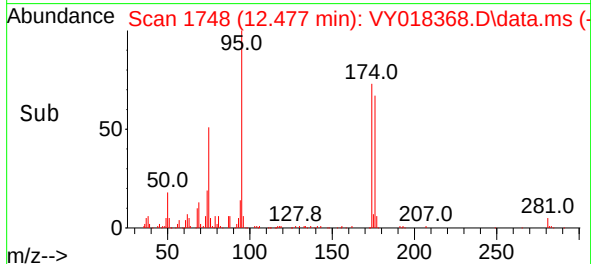
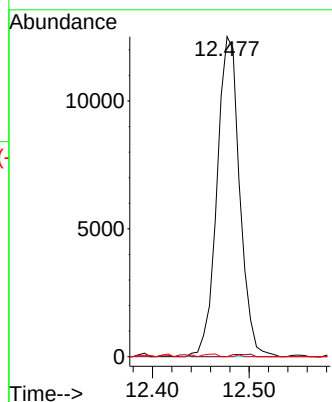
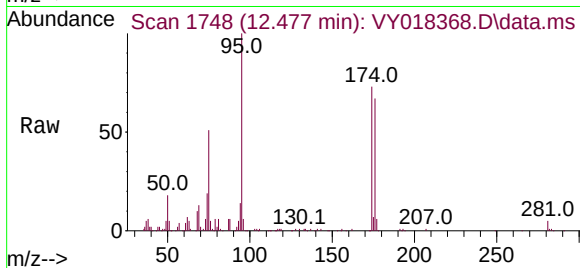




#81
trans-1,4-Dichloro-2-butene
Concen: 139.173 ug/l
RT: 12.477 min Scan# 1
Delta R.T. 0.104 min
Lab File: VY018368.D
Acq: 24 May 2024 16:20

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 20398
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.6 35.8 53.6#



#95
Naphthalene
Concen: 1.463 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY018368.D
Acq: 24 May 2024 16:20

Tgt Ion:128 Resp: 1617
Ion Ratio Lower Upper
128 100
127 11.9 10.6 16.0
129 6.6 8.6 13.0#

