

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091124\
 Data File : VY019515.D
 Acq On : 11 Sep 2024 17:39
 Operator : SY/MD
 Sample : P3911-05
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-3

Quant Time: Sep 12 01:34:10 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)

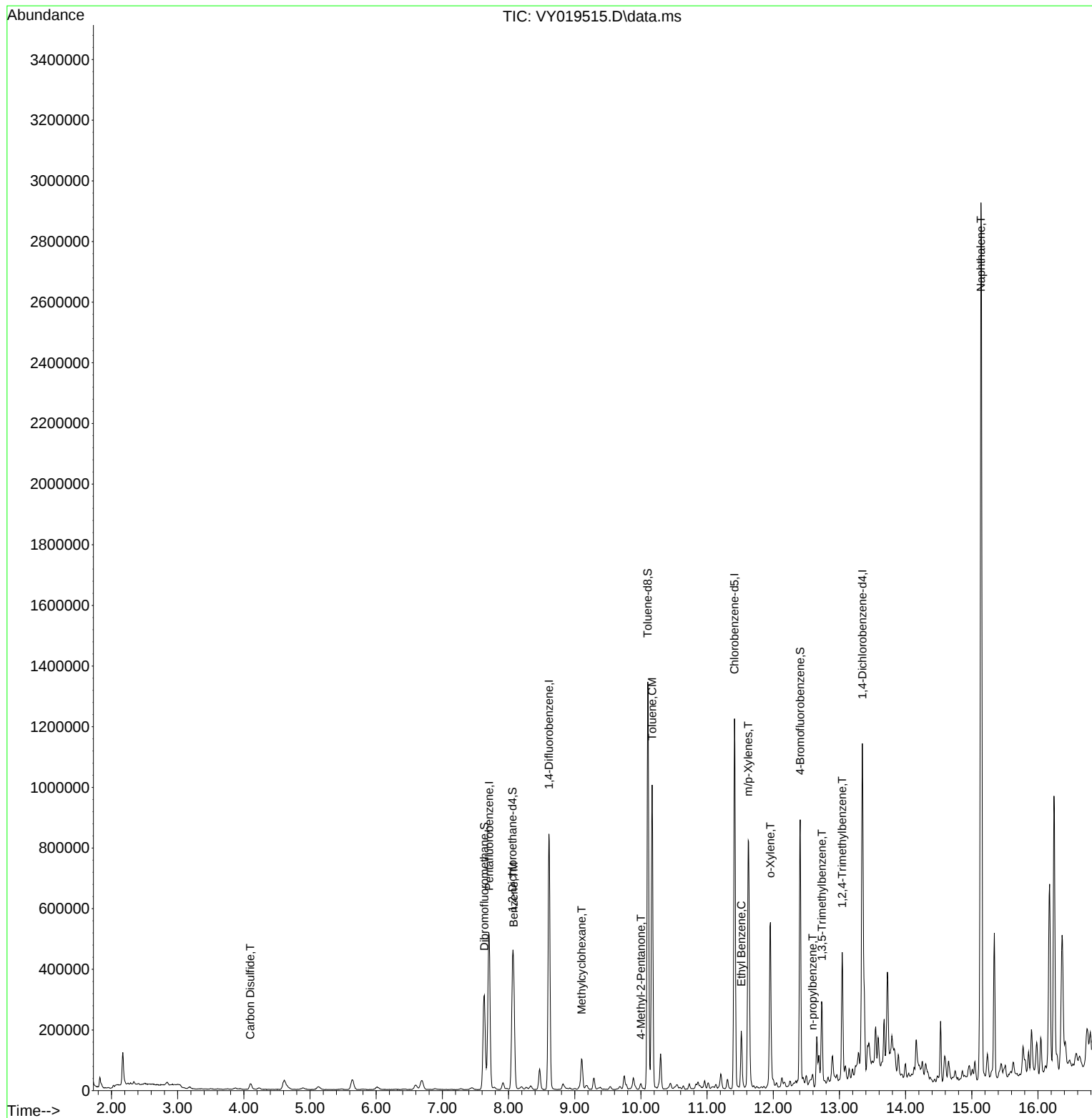
Internal Standards						
1) Pentafluorobenzene	7.707	168	368977	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.609	114	711651	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	628083	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	235704	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	222652	65.167	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.340%	
35) Dibromofluoromethane	7.634	113	227052	56.272	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.540%	
50) Toluene-d8	10.103	98	842978	56.484	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.960%	
62) 4-Bromofluorobenzene	12.407	95	279368	48.683	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 97.360%	
Target Compounds						
					Qvalue	
17) Carbon Disulfide	4.098	76	37035	4.187	ug/l	99
39) Methylcyclohexane	9.103	83	39905	5.462	ug/l	# 89
40) Benzene	8.079	78	283016	16.736	ug/l	99
51) 4-Methyl-2-Pentanone	9.999	43	10638	3.578	ug/l	96
52) Toluene	10.170	92	409604	37.661	ug/l	97
67) Ethyl Benzene	11.517	91	124519	5.672	ug/l	99
68) m/p-Xylenes	11.621	106	232531	28.013	ug/l	92
69) o-Xylene	11.956	106	136501	16.815	ug/l	95
78) n-propylbenzene	12.596	91	29848	1.473	ug/l	97
80) 1,3,5-Trimethylbenzene	12.737	105	88836	6.391	ug/l	98
84) 1,2,4-Trimethylbenzene	13.041	105	221958	16.130	ug/l	96
95) Naphthalene	15.139	128	2269887	283.400	ug/l	99

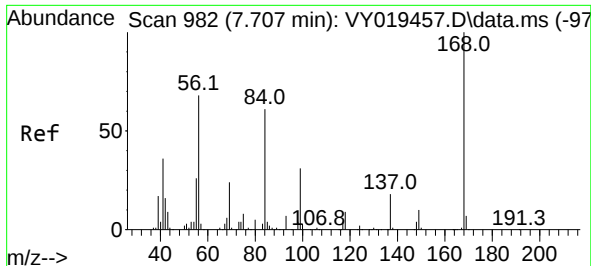
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091124\
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Quant Title : SW846 8260
QLast Update : Mon Sep 09 16:00:30 2024
Response via : Initial Calibration

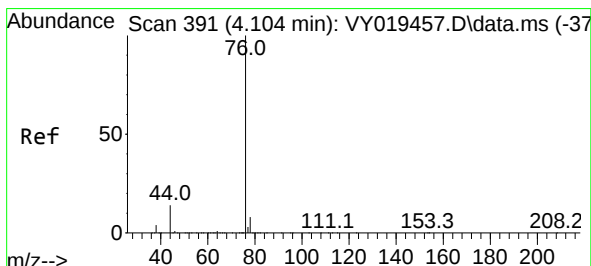
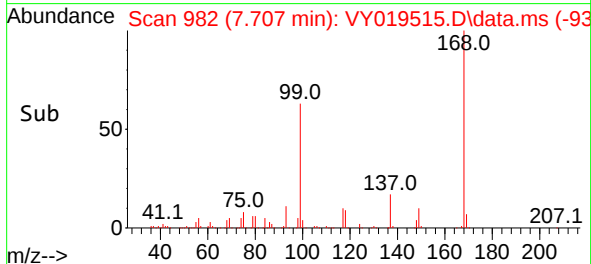
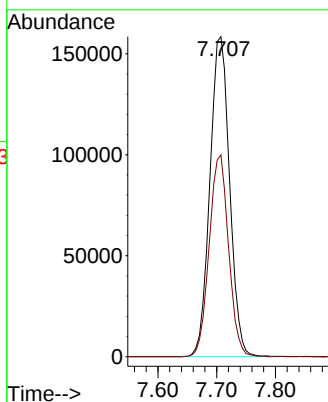
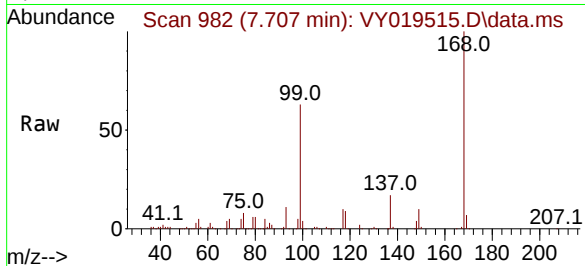




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019515.D
Acq: 11 Sep 2024 17:39

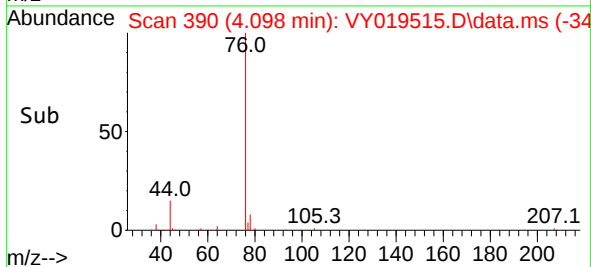
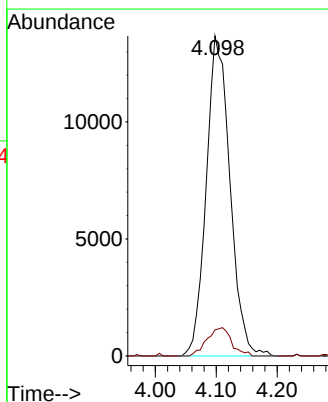
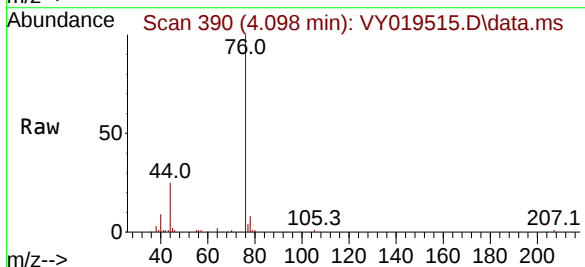
Instrument :
MSVOA_Y
ClientSampleId :
SP-3

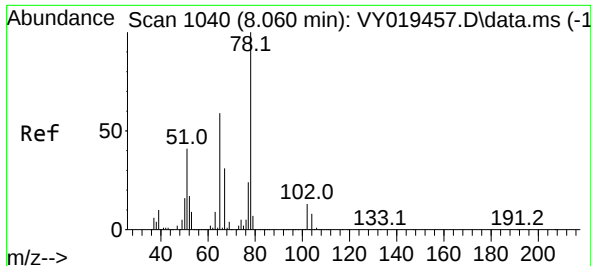
Tgt Ion:168 Resp: 368977
Ion Ratio Lower Upper
168 100
99 63.1 39.1 58.7#



#17
Carbon Disulfide
Concen: 4.187 ug/l
RT: 4.098 min Scan# 390
Delta R.T. -0.006 min
Lab File: VY019515.D
Acq: 11 Sep 2024 17:39

Tgt Ion: 76 Resp: 37035
Ion Ratio Lower Upper
76 100
78 8.2 6.8 10.2





#33

1,2-Dichloroethane-d4

Concen: 65.167 ug/l

RT: 8.061 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY019515.D

Acq: 11 Sep 2024 17:39

Instrument :

MSVOA_Y

ClientSampleId :

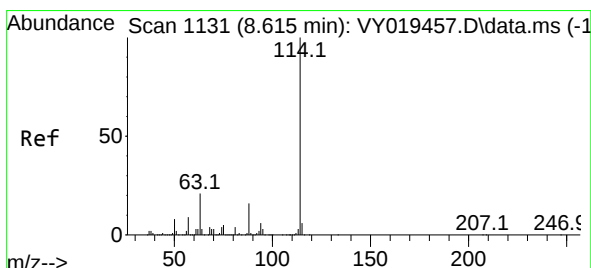
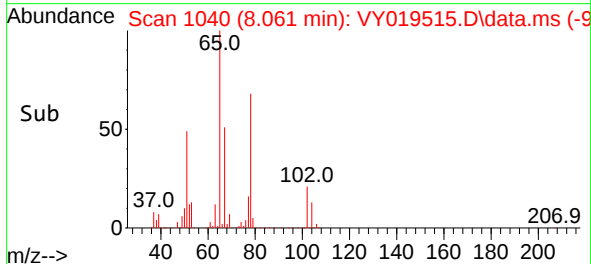
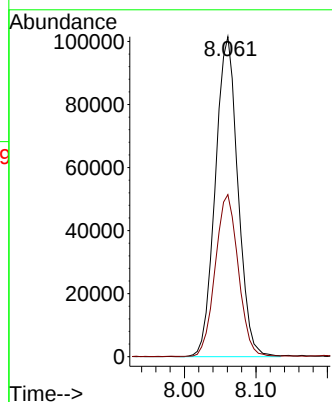
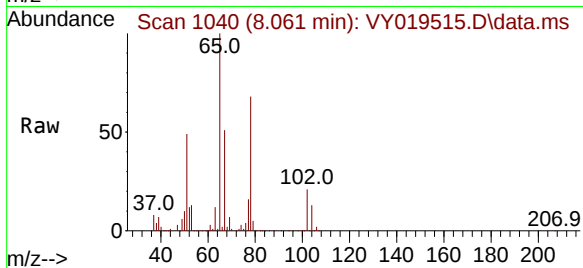
SP-3

Tgt Ion: 65 Resp: 222652

Ion Ratio Lower Upper

65 100

67 51.4 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: VY019515.D

Acq: 11 Sep 2024 17:39

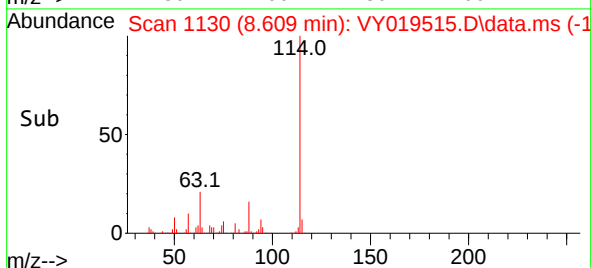
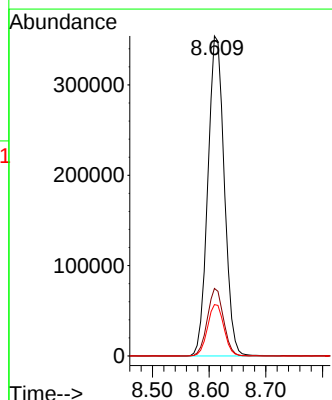
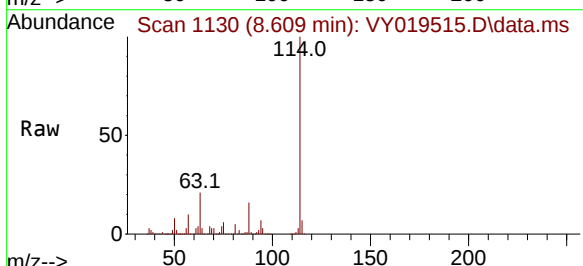
Tgt Ion: 114 Resp: 711651

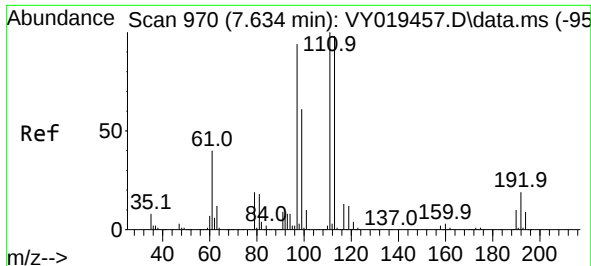
Ion Ratio Lower Upper

114 100

63 21.1 0.0 35.0

88 16.0 0.0 27.2

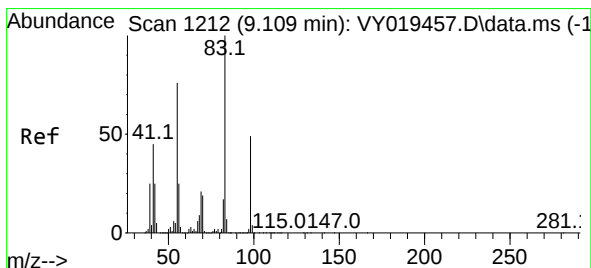
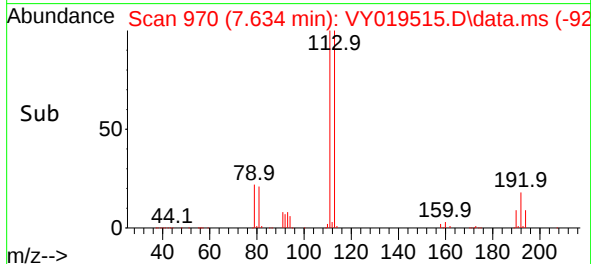
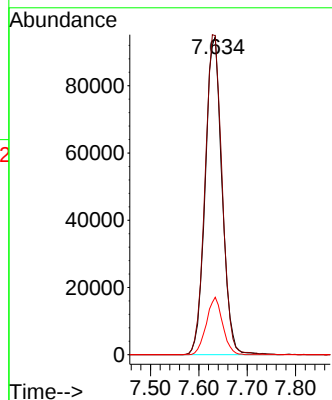
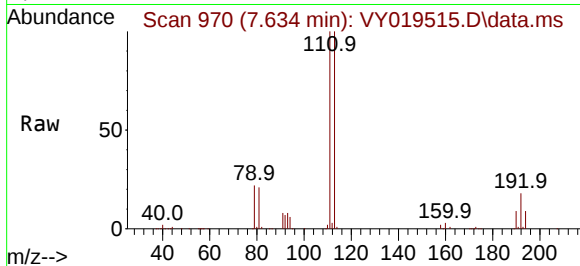




#35
Dibromofluoromethane
Concen: 56.272 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019515.D
Acq: 11 Sep 2024 17:39

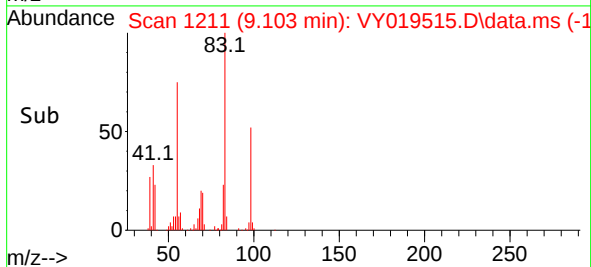
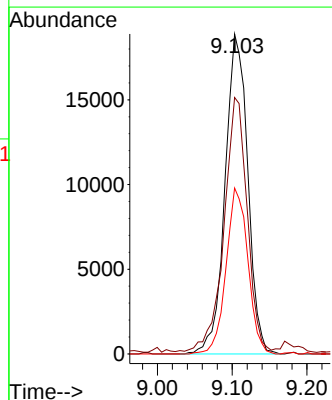
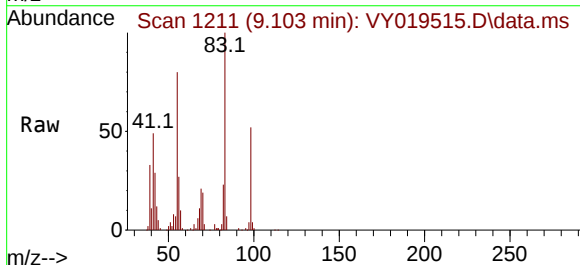
Instrument :
MSVOA_Y
ClientSampleId :
SP-3

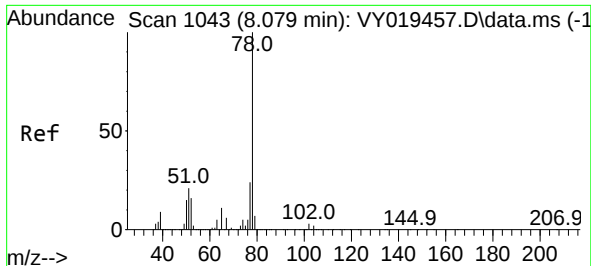
Tgt Ion:113 Resp: 227052
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.4
192 17.6 15.9 23.9



#39
Methylcyclohexane
Concen: 5.462 ug/l
RT: 9.103 min Scan# 1211
Delta R.T. -0.006 min
Lab File: VY019515.D
Acq: 11 Sep 2024 17:39

Tgt Ion: 83 Resp: 39905
Ion Ratio Lower Upper
83 100
55 79.1 51.5 77.3#
98 51.9 40.5 60.7

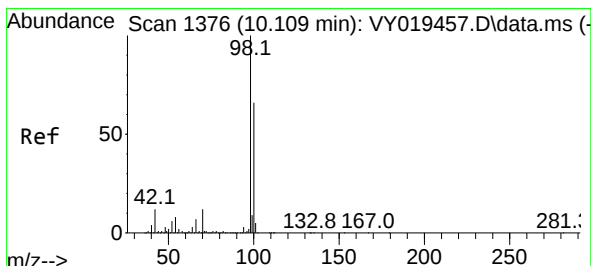
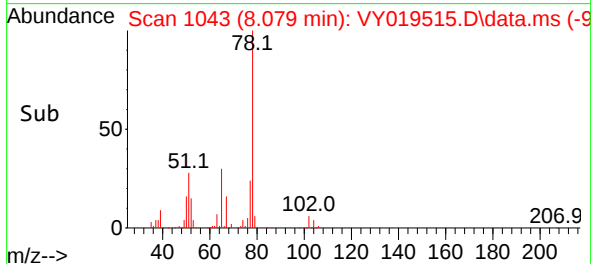
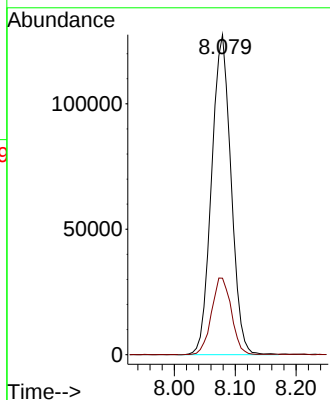
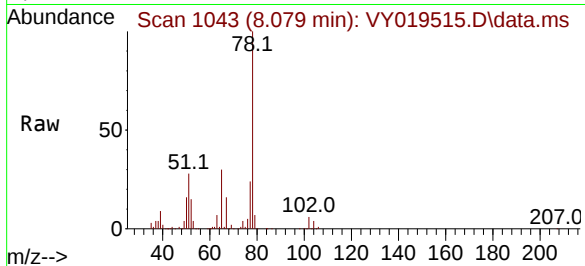




#40
Benzene
Concen: 16.736 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY019515.D
Acq: 11 Sep 2024 17:39

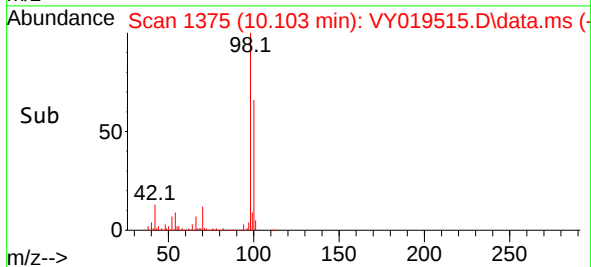
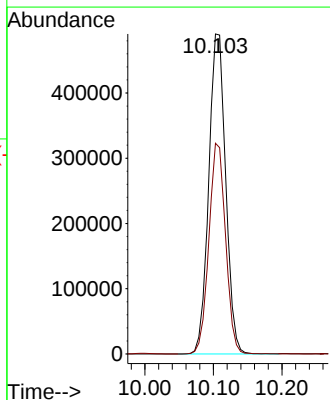
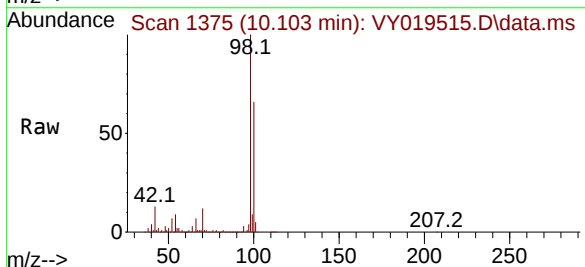
Instrument :
MSVOA_Y
ClientSampleId :
SP-3

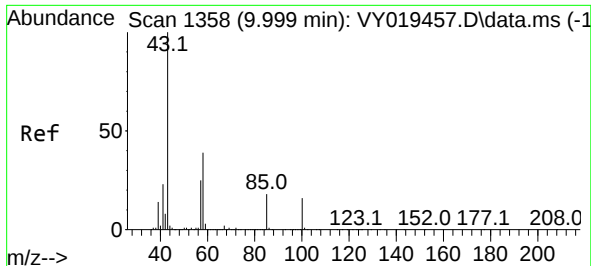
Tgt Ion: 78 Resp: 283016
Ion Ratio Lower Upper
78 100
77 23.9 19.5 29.3



#50
Toluene-d8
Concen: 56.484 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY019515.D
Acq: 11 Sep 2024 17:39

Tgt Ion: 98 Resp: 842978
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 3.578 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY019515.D

Acq: 11 Sep 2024 17:39

Instrument :

MSVOA_Y

ClientSampleId :

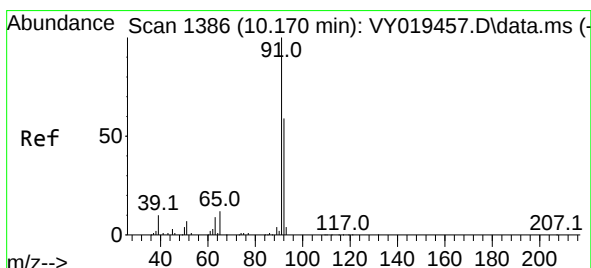
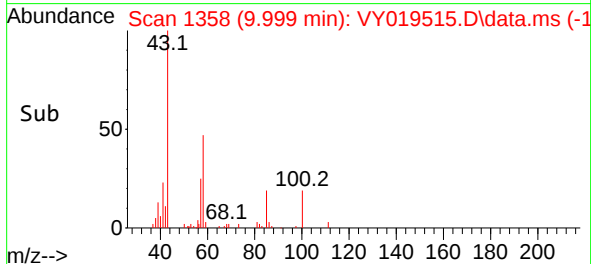
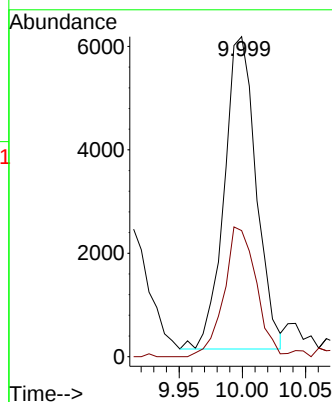
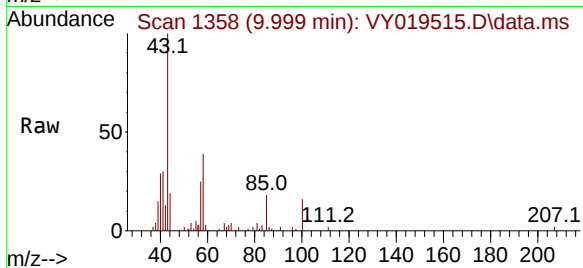
SP-3

Tgt Ion: 43 Resp: 10638

Ion Ratio Lower Upper

43 100

58 41.7 35.7 53.5



#52

Toluene

Concen: 37.661 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY019515.D

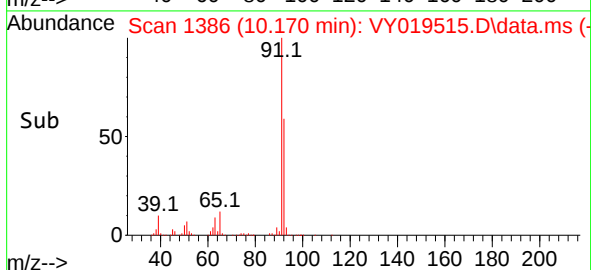
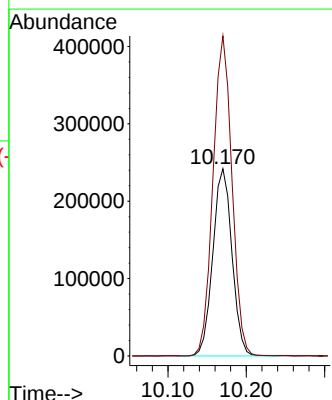
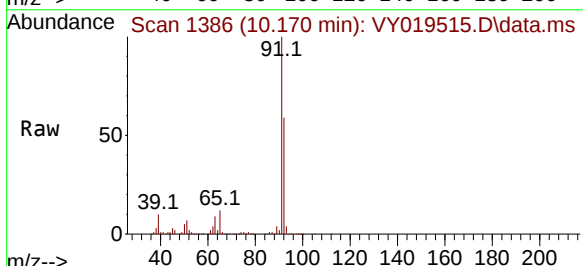
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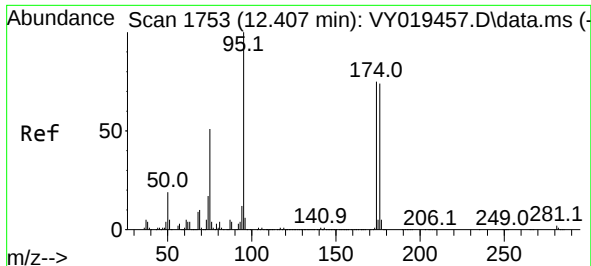
Tgt Ion: 92 Resp: 409604

Ion Ratio Lower Upper

92 100

91 169.7 139.0 208.6

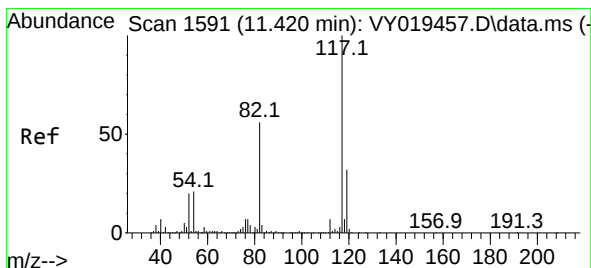
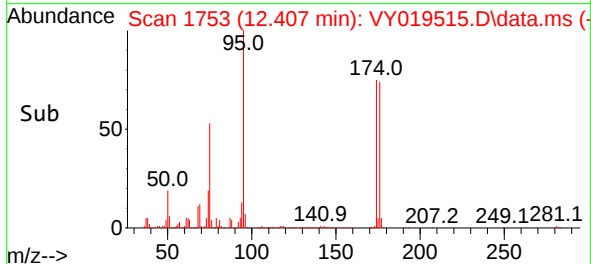
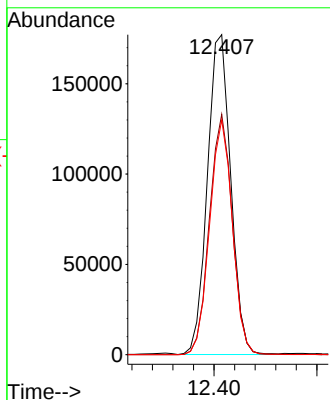
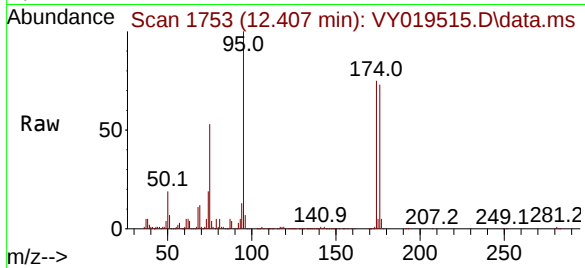




#62
4-Bromofluorobenzene
Concen: 48.683 ug/l
RT: 12.407 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019515.D
Acq: 11 Sep 2024 17:39

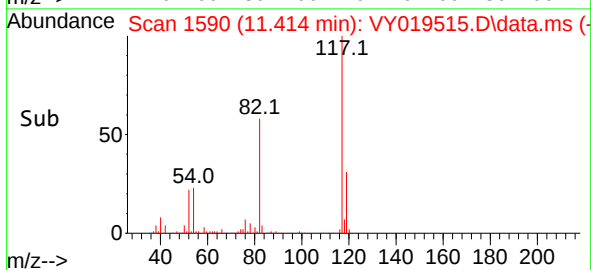
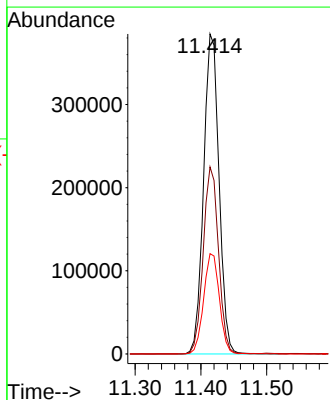
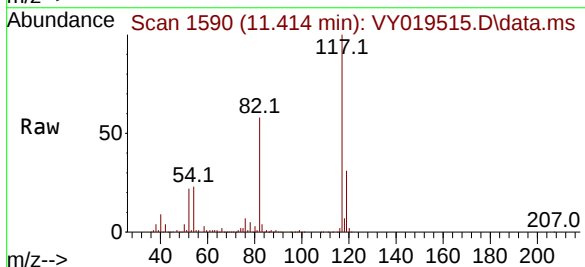
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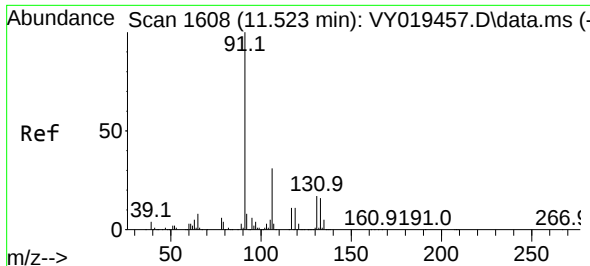
Tgt Ion: 95 Resp: 279368
Ion Ratio Lower Upper
95 100
174 73.5 0.0 175.6
176 71.4 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019515.D
Acq: 11 Sep 2024 17:39

Tgt Ion: 117 Resp: 628083
Ion Ratio Lower Upper
117 100
82 58.4 42.4 63.6
119 31.4 25.9 38.9





#67

Ethyl Benzene

Concen: 5.672 ug/l

RT: 11.517 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019515.D

Acq: 11 Sep 2024 17:39

Instrument :

MSVOA_Y

ClientSampleId :

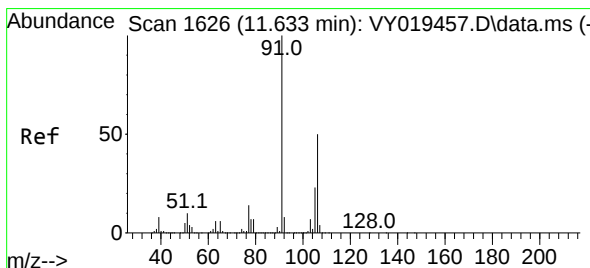
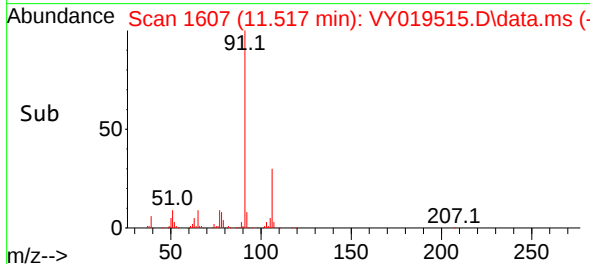
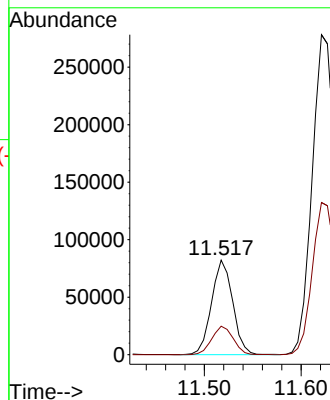
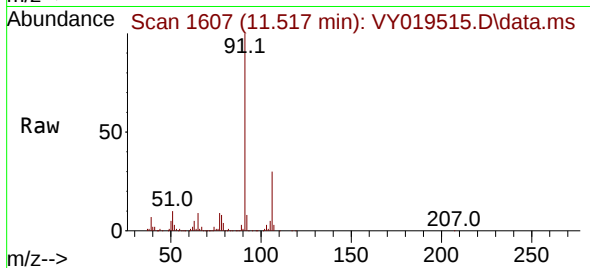
SP-3

Tgt Ion: 91 Resp: 124519

Ion Ratio Lower Upper

91 100

106 30.1 24.5 36.7



#68

m/p-Xylenes

Concen: 28.013 ug/l

RT: 11.621 min Scan# 1624

Delta R.T. -0.012 min

Lab File: VY019515.D

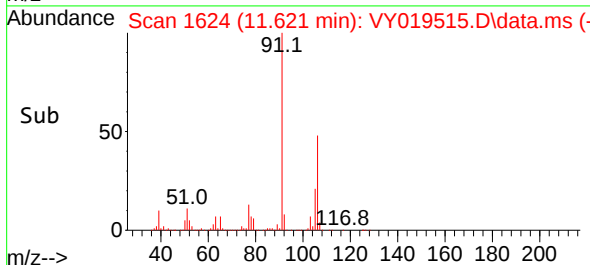
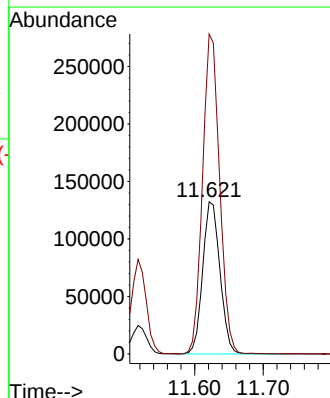
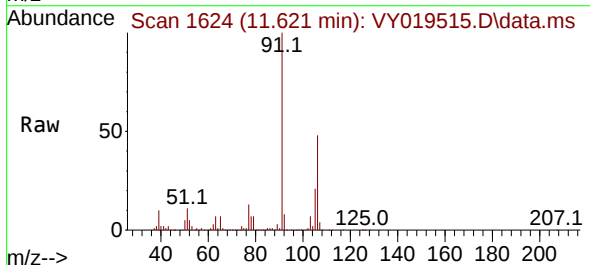
Acq: 11 Sep 2024 17:39

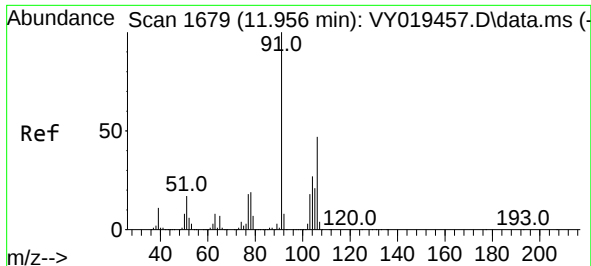
Tgt Ion:106 Resp: 232531

Ion Ratio Lower Upper

106 100

91 207.6 156.0 234.0

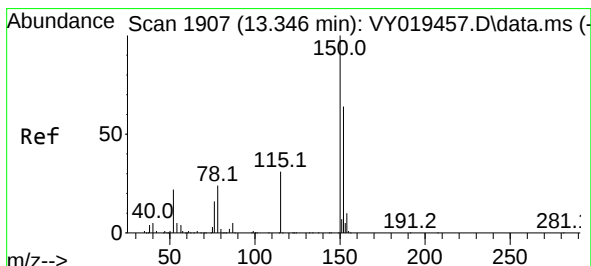
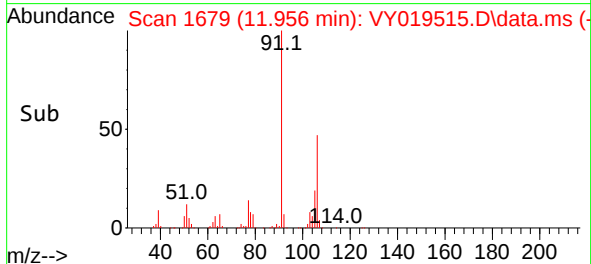
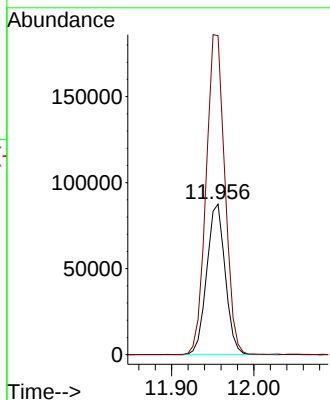
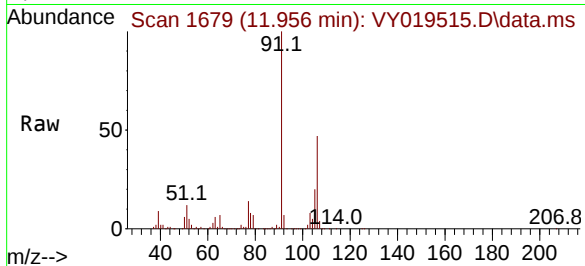




#69
o-Xylene
Concen: 16.815 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY019515.D
Acq: 11 Sep 2024 17:39

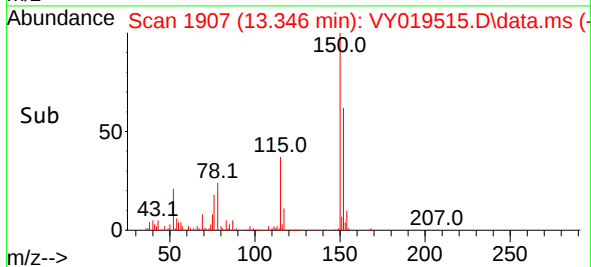
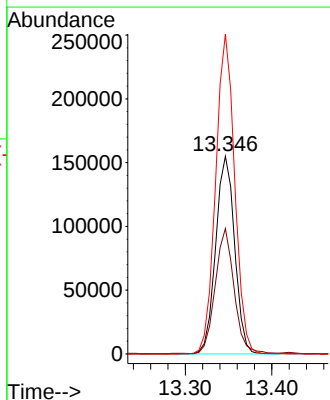
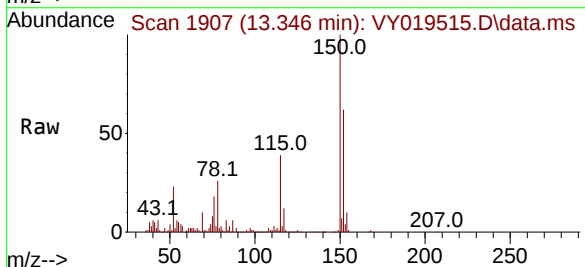
Instrument :
MSVOA_Y
ClientSampleId :
SP-3

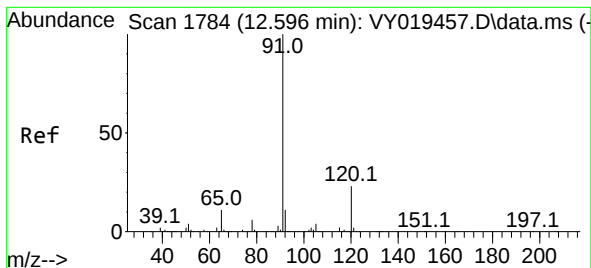
Tgt Ion:106 Resp: 136501
Ion Ratio Lower Upper
106 100
91 215.7 103.6 310.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019515.D
Acq: 11 Sep 2024 17:39

Tgt Ion:152 Resp: 235704
Ion Ratio Lower Upper
152 100
115 62.6 28.2 84.7
150 162.5 0.0 345.6





#78

n-propylbenzene

Concen: 1.473 ug/l

RT: 12.596 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY019515.D

Acq: 11 Sep 2024 17:39

Instrument :

MSVOA_Y

ClientSampleId :

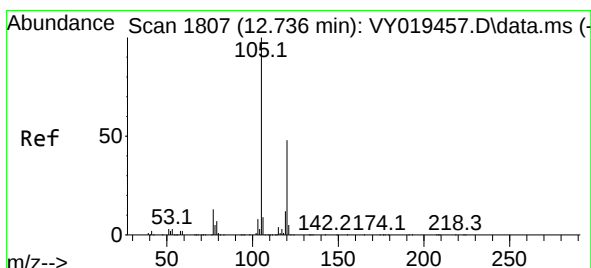
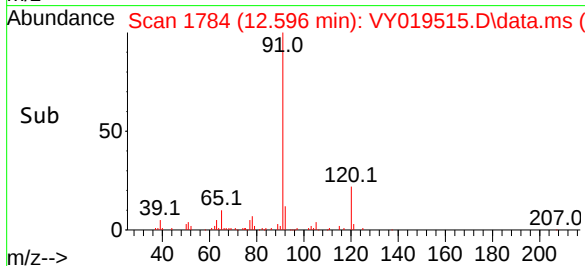
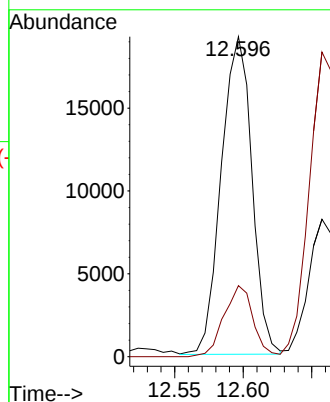
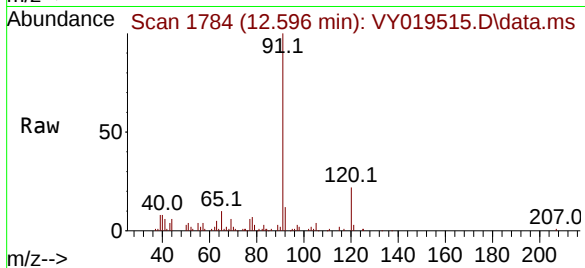
SP-3

Tgt Ion: 91 Resp: 29848

Ion Ratio Lower Upper

91 100

120 21.3 11.5 34.4



#80

1,3,5-Trimethylbenzene

Concen: 6.391 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY019515.D

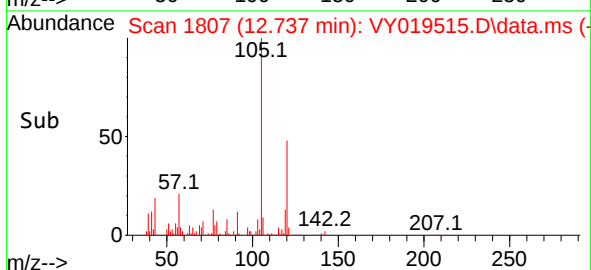
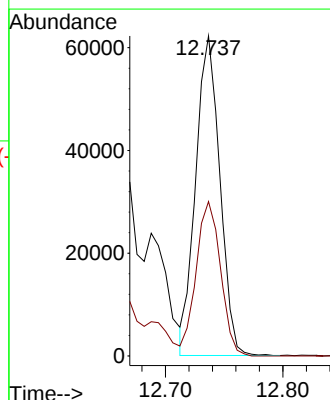
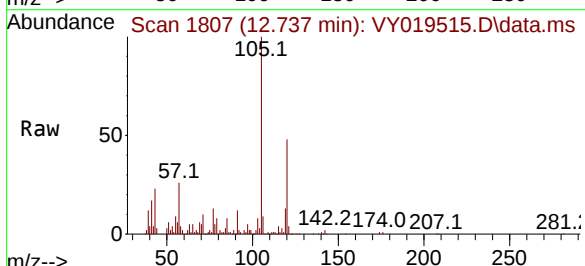
Acq: 11 Sep 2024 17:39

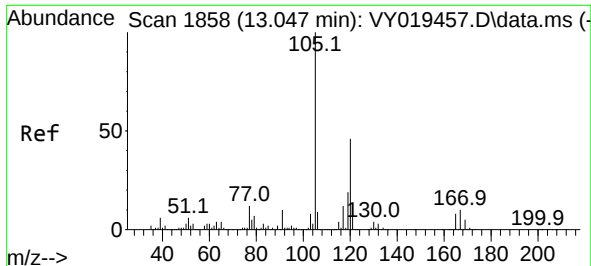
Tgt Ion: 105 Resp: 88836

Ion Ratio Lower Upper

105 100

120 48.8 25.1 75.2

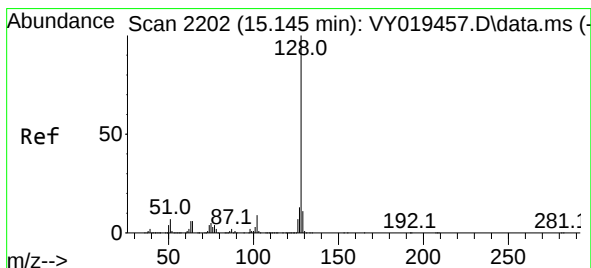
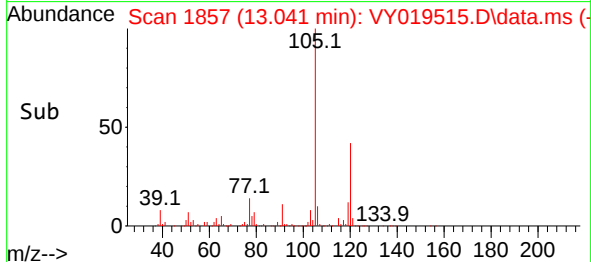
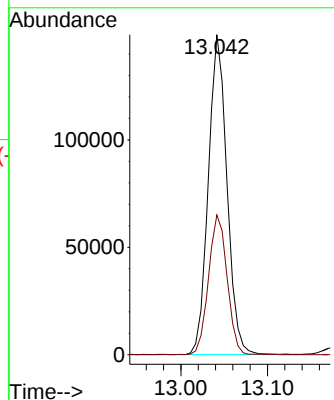
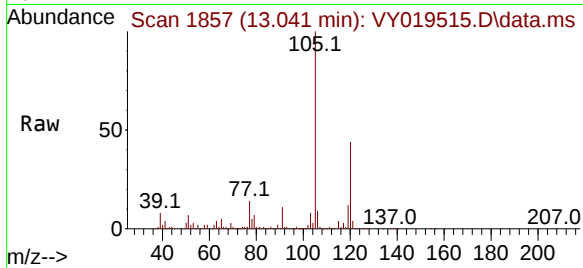




#84
1,2,4-Trimethylbenzene
Concen: 16.130 ug/l
RT: 13.041 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019515.D
Acq: 11 Sep 2024 17:39

Instrument :
MSVOA_Y
ClientSampleId :
SP-3

Tgt Ion:105 Resp: 221958
Ion Ratio Lower Upper
105 100
120 43.7 23.2 69.6



#95
Naphthalene
Concen: 283.400 ug/l
RT: 15.139 min Scan# 2201
Delta R.T. -0.006 min
Lab File: VY019515.D
Acq: 11 Sep 2024 17:39

Tgt Ion:128 Resp: 2269887
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 10.9 8.6 13.0

