

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091724\
 Data File : VY019591.D
 Acq On : 17 Sep 2024 17:22
 Operator : SY/MD
 Sample : P3985-01RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3RE

Quant Time: Sep 18 01:34:17 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)

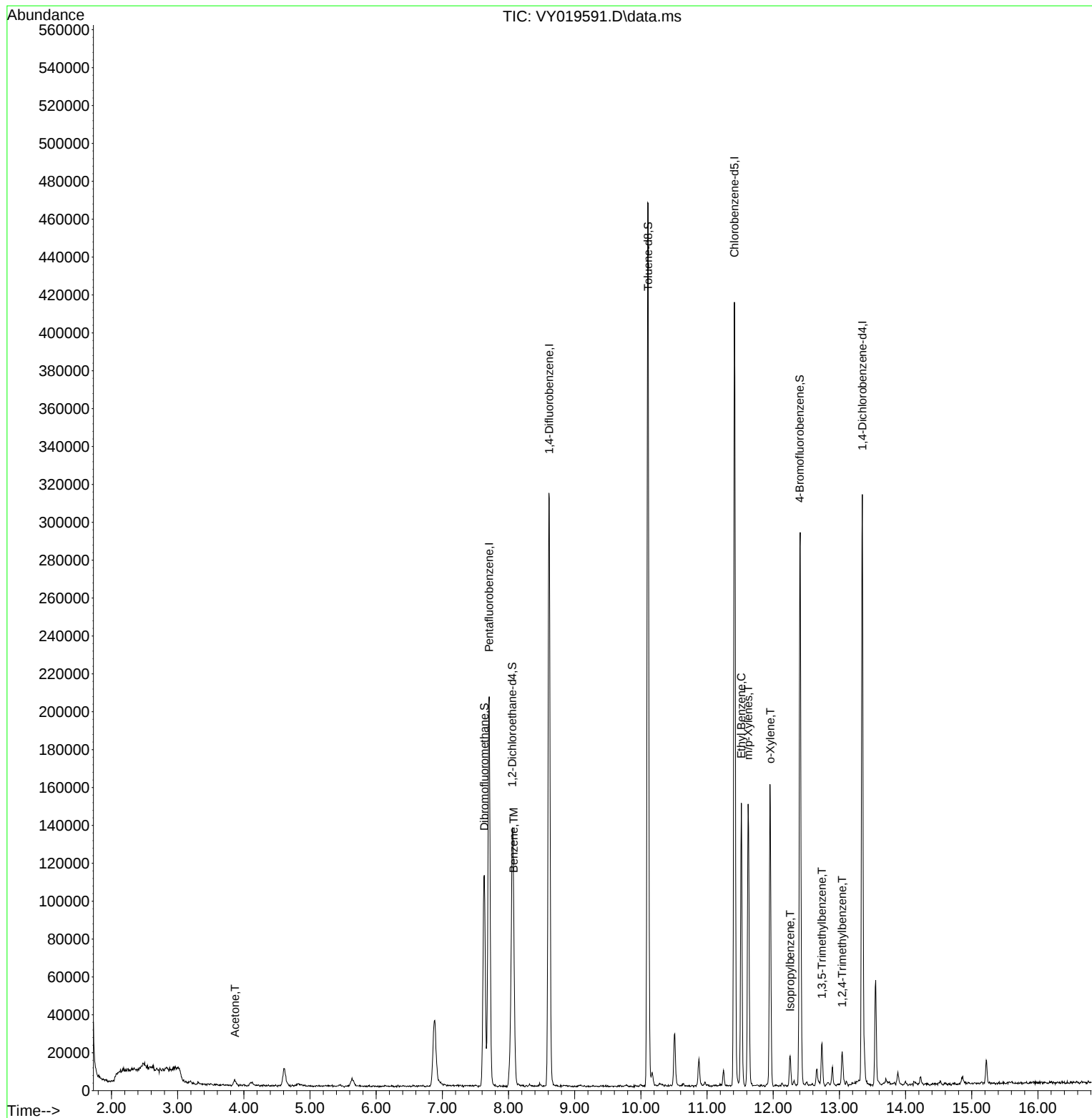
Internal Standards						
1) Pentafluorobenzene	7.707	168	152843	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	268445	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	215777	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	74473	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	81130	57.324	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.640%	
35) Dibromofluoromethane	7.634	113	81878	53.795	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.600%	
50) Toluene-d8	10.109	98	307489	54.620	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.240%	
62) 4-Bromofluorobenzene	12.402	95	89927	41.544	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 83.080%	
Target Compounds						
					Qvalue	
16) Acetone	3.866	43	5515	16.357	ug/l	# 74
40) Benzene	8.079	78	49652	7.784	ug/l	98
67) Ethyl Benzene	11.518	91	99820	13.236	ug/l	98
68) m/p-Xylenes	11.621	106	42980	15.072	ug/l	92
69) o-Xylene	11.956	106	39964	14.330	ug/l	92
73) Isopropylbenzene	12.255	105	7548	1.397	ug/l	96
80) 1,3,5-Trimethylbenzene	12.737	105	11130	2.534	ug/l	94
84) 1,2,4-Trimethylbenzene	13.042	105	9858	2.267	ug/l	95

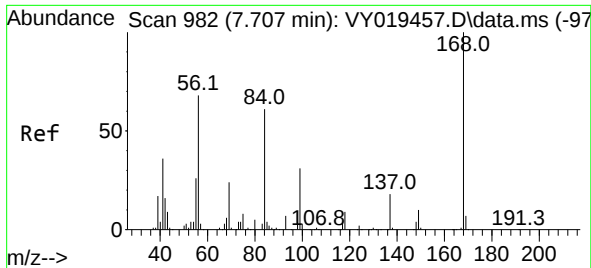
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Sep 09 16:00:30 2024
Response via : Initial Calibration

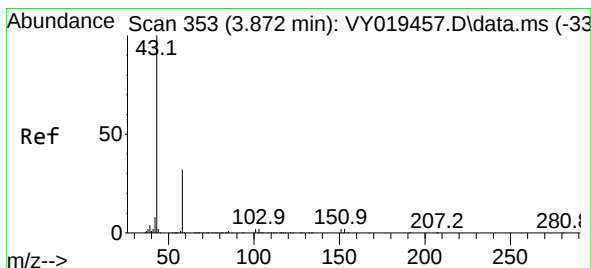
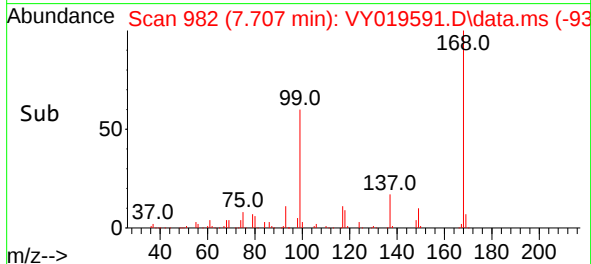
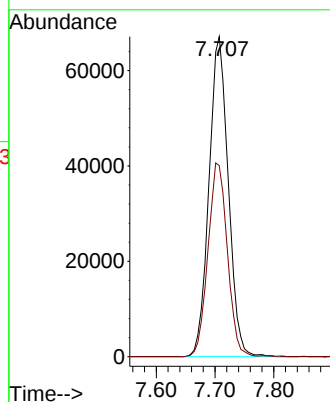
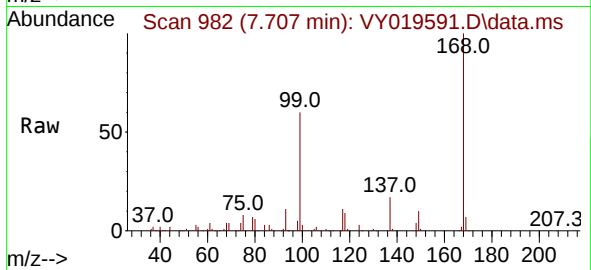




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019591.D
Acq: 17 Sep 2024 17:22

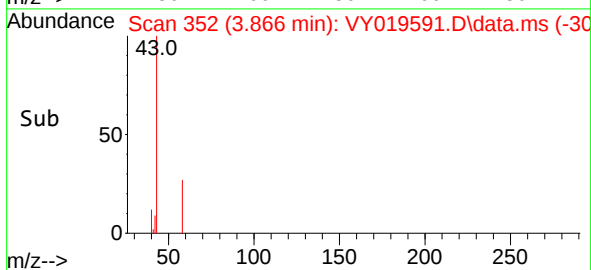
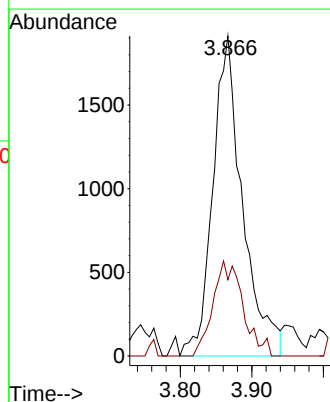
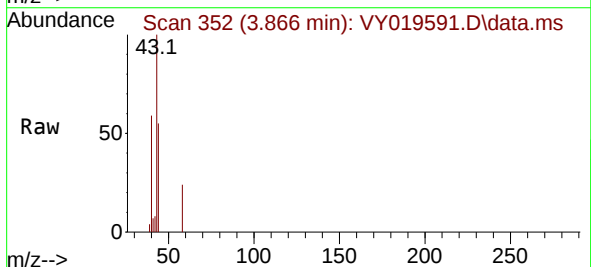
Instrument :
MSVOA_Y
ClientSampleId :
TP-3RE

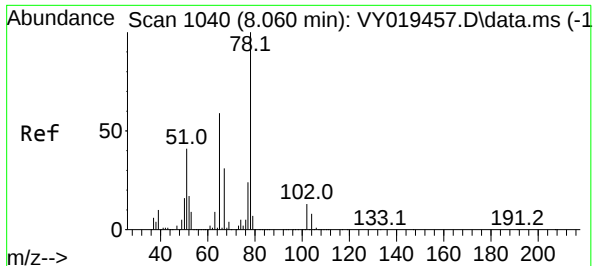
Tgt Ion:168 Resp: 152843
Ion Ratio Lower Upper
168 100
99 59.7 39.1 58.7#



#16
Acetone
Concen: 16.357 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY019591.D
Acq: 17 Sep 2024 17:22

Tgt Ion: 43 Resp: 5515
Ion Ratio Lower Upper
43 100
58 23.8 31.7 47.5#





#33

1,2-Dichloroethane-d4

Concen: 57.324 ug/l

RT: 8.055 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VY019591.D

Acq: 17 Sep 2024 17:22

Instrument :

MSVOA_Y

ClientSampleId :

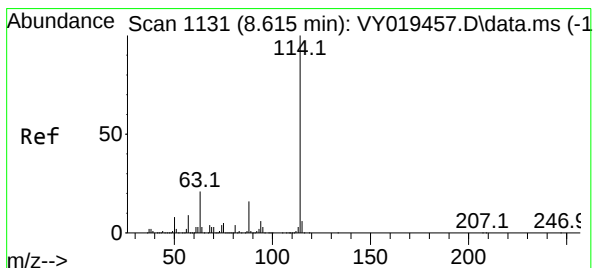
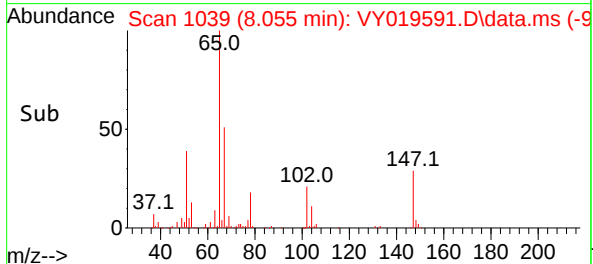
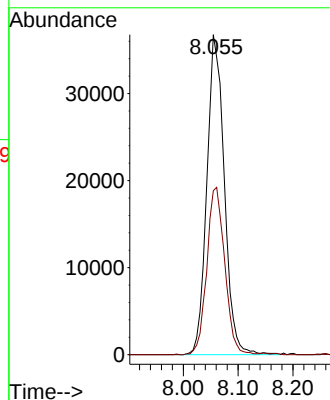
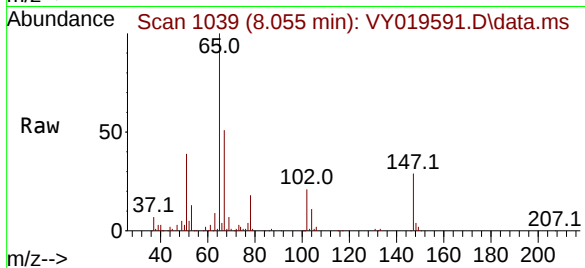
TP-3RE

Tgt Ion: 65 Resp: 81130

Ion Ratio Lower Upper

65 100

67 53.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019591.D

Acq: 17 Sep 2024 17:22

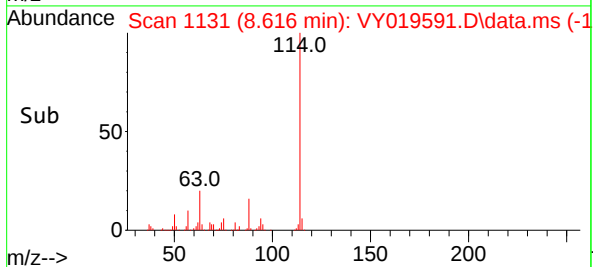
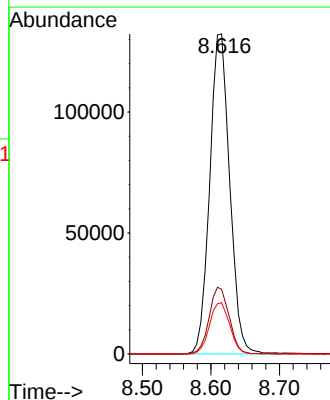
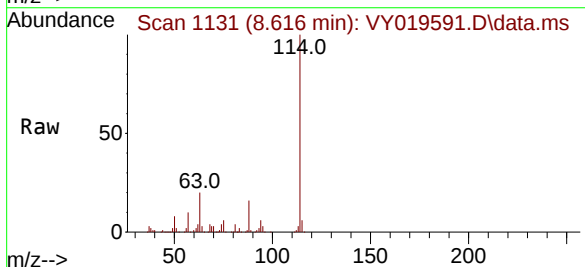
Tgt Ion: 114 Resp: 268445

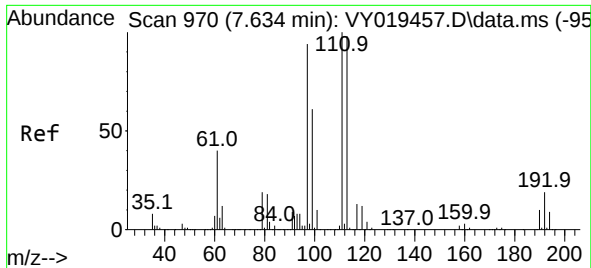
Ion Ratio Lower Upper

114 100

63 20.2 0.0 35.0

88 16.0 0.0 27.2

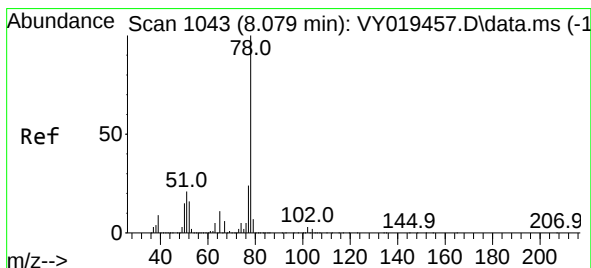
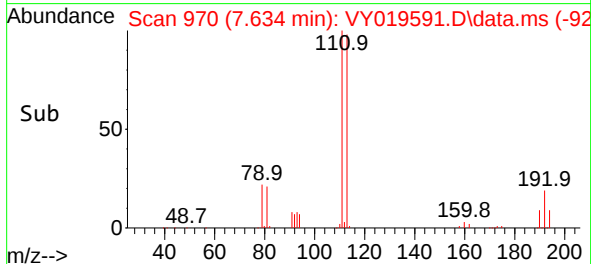
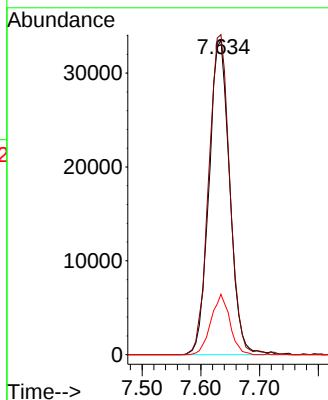
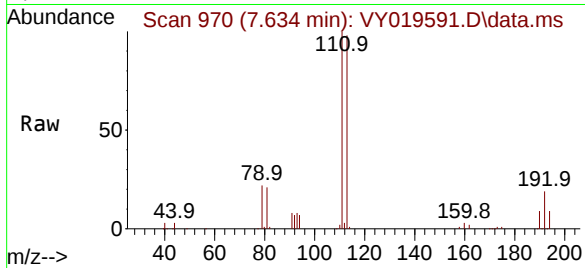




#35
 Dibromofluoromethane
 Concen: 53.795 ug/l
 RT: 7.634 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VY019591.D
 Acq: 17 Sep 2024 17:22

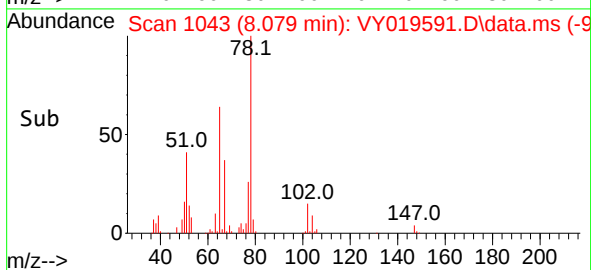
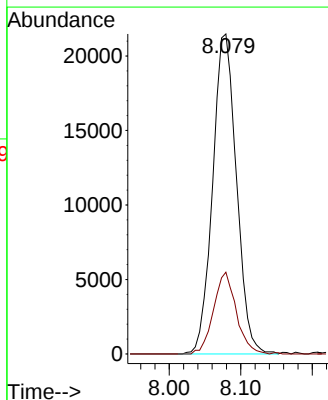
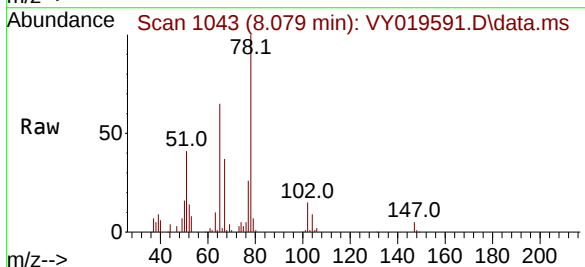
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3RE

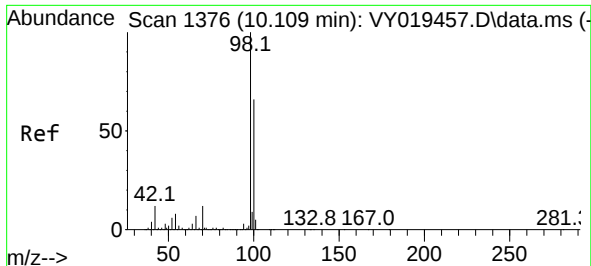
Tgt Ion:113 Resp: 81878
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.2 123.4
 192 17.5 15.9 23.9



#40
 Benzene
 Concen: 7.784 ug/l
 RT: 8.079 min Scan# 1043
 Delta R.T. 0.000 min
 Lab File: VY019591.D
 Acq: 17 Sep 2024 17:22

Tgt Ion: 78 Resp: 49652
 Ion Ratio Lower Upper
 78 100
 77 25.6 19.5 29.3

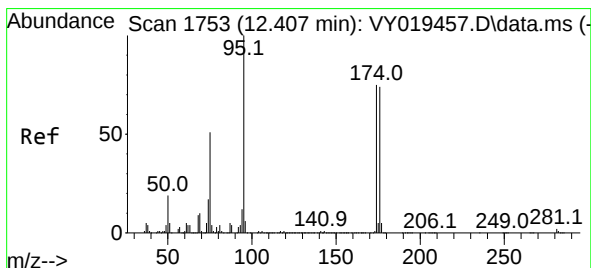
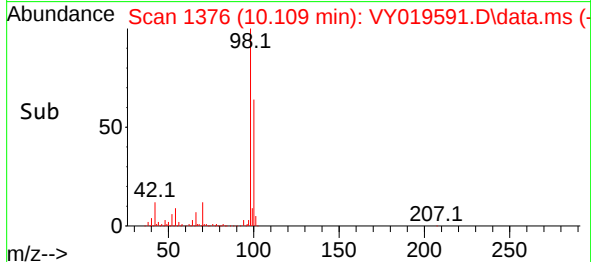
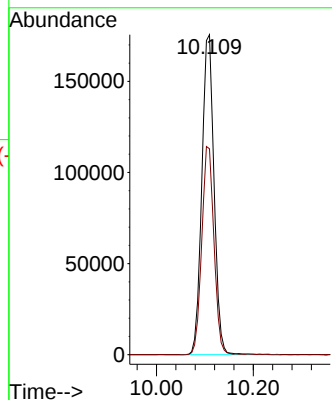
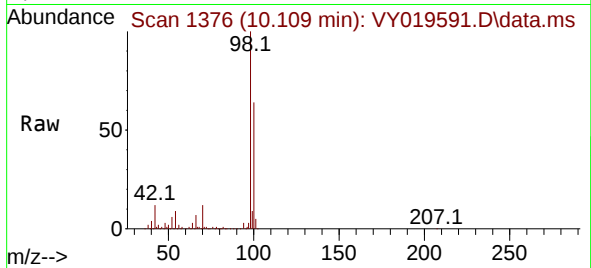




#50
Toluene-d8
Concen: 54.620 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019591.D
Acq: 17 Sep 2024 17:22

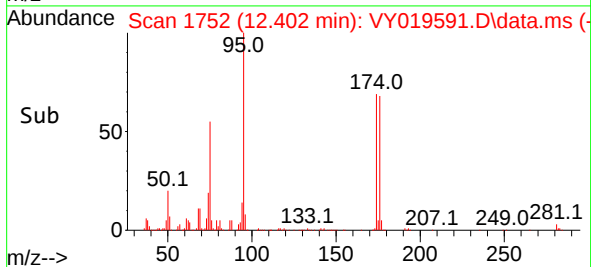
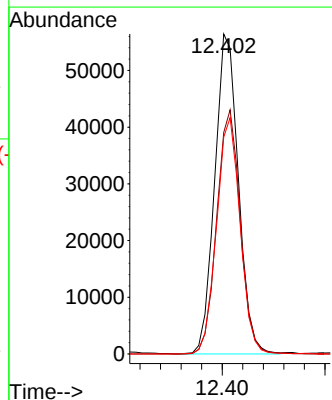
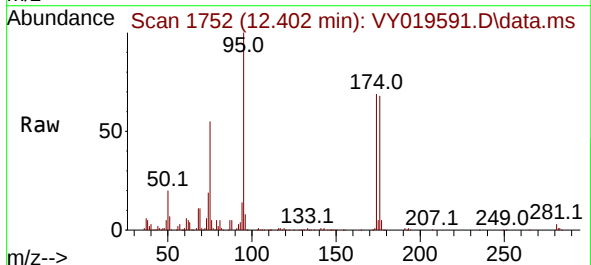
Instrument :
MSVOA_Y
ClientSampleId :
TP-3RE

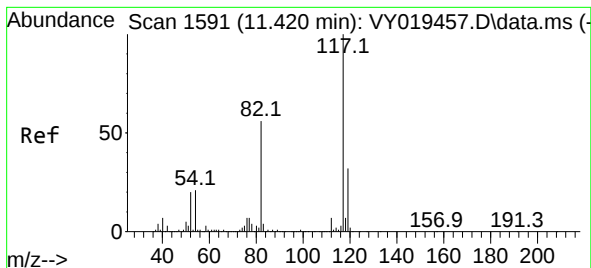
Tgt Ion: 98 Resp: 307489
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 41.544 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019591.D
Acq: 17 Sep 2024 17:22

Tgt Ion: 95 Resp: 89927
Ion Ratio Lower Upper
95 100
174 76.0 0.0 175.6
176 73.5 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: VY019591.D

Acq: 17 Sep 2024 17:22

Instrument :

MSVOA_Y

ClientSampleId :

TP-3RE

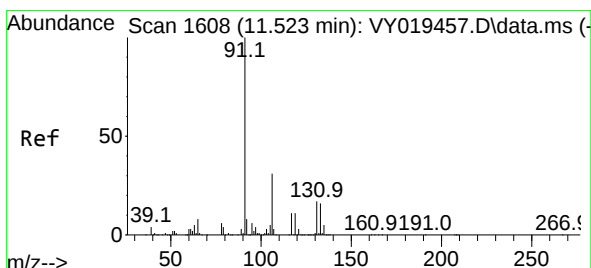
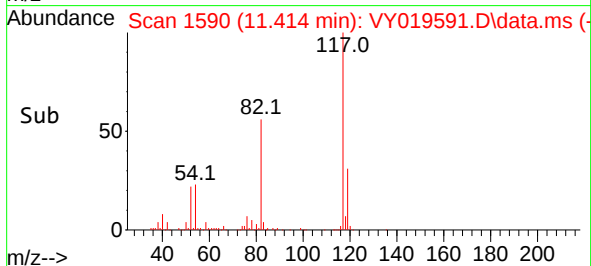
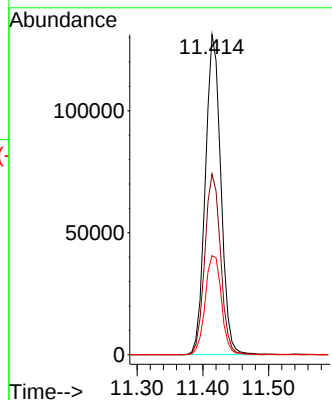
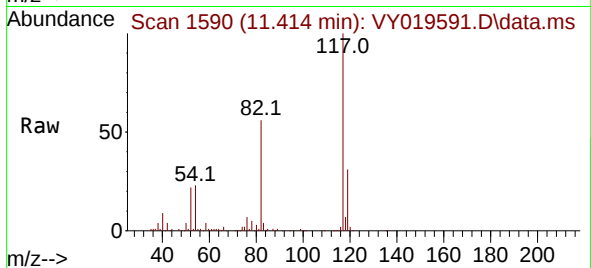
Tgt Ion:117 Resp: 215777

Ion Ratio Lower Upper

117 100

82 56.4 42.4 63.6

119 31.0 25.9 38.9



#67

Ethyl Benzene

Concen: 13.236 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY019591.D

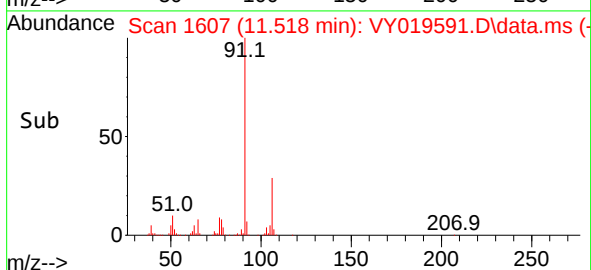
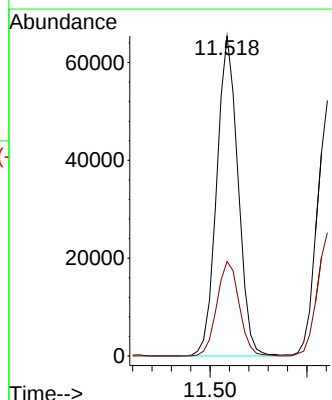
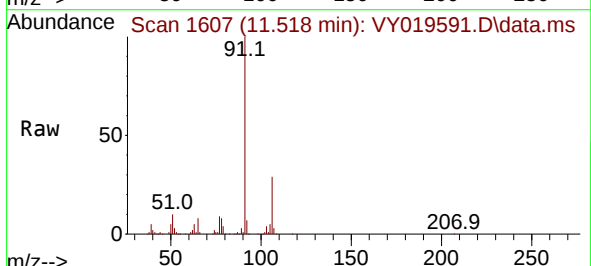
Acq: 17 Sep 2024 17:22

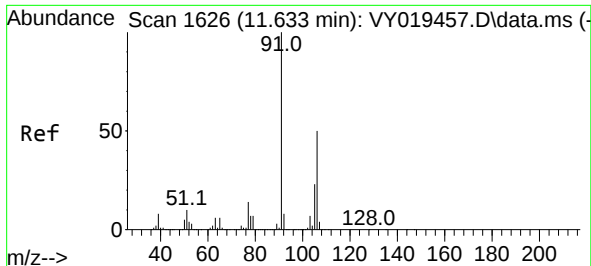
Tgt Ion: 91 Resp: 99820

Ion Ratio Lower Upper

91 100

106 29.5 24.5 36.7

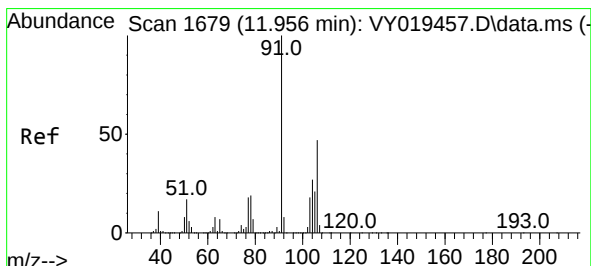
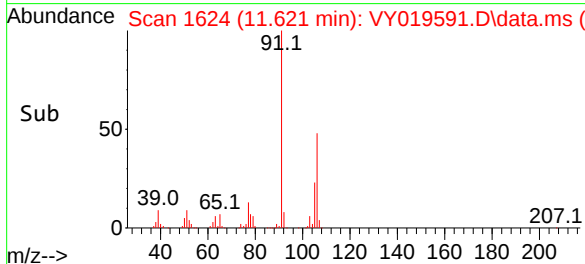
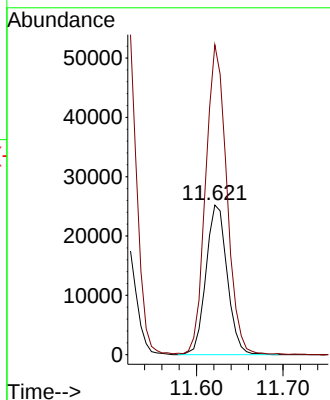
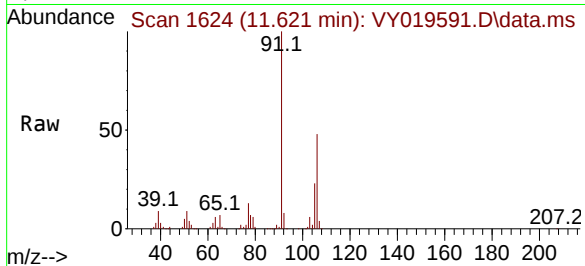




#68
m/p-Xylenes
Concen: 15.072 ug/l
RT: 11.621 min Scan# 1624
Delta R.T. -0.012 min
Lab File: VY019591.D
Acq: 17 Sep 2024 17:22

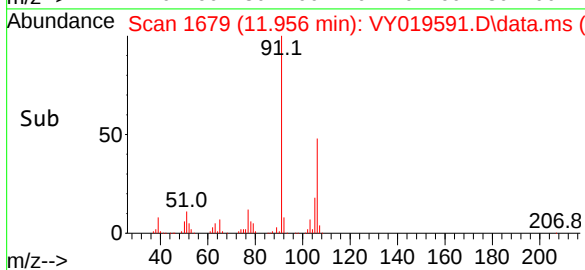
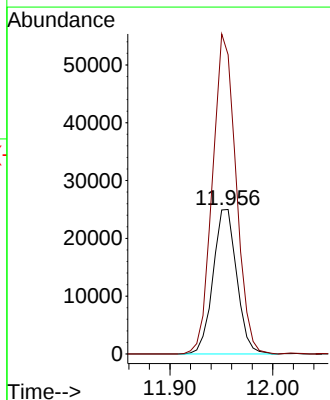
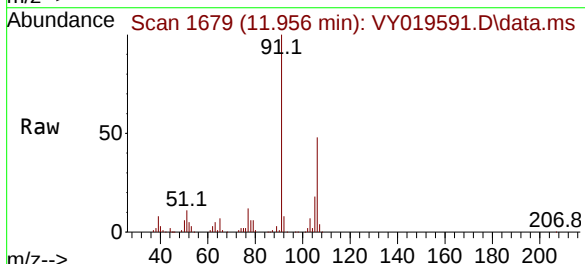
Instrument :
MSVOA_Y
ClientSampleId :
TP-3RE

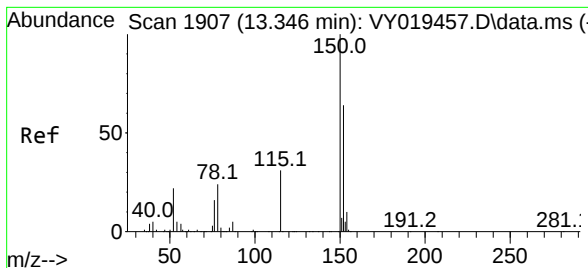
Tgt Ion:106 Resp: 42980
Ion Ratio Lower Upper
106 100
91 206.2 156.0 234.0



#69
o-Xylene
Concen: 14.330 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY019591.D
Acq: 17 Sep 2024 17:22

Tgt Ion:106 Resp: 39964
Ion Ratio Lower Upper
106 100
91 219.9 103.6 310.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019591.D

Acq: 17 Sep 2024 17:22

Instrument :

MSVOA_Y

ClientSampleId :

TP-3RE

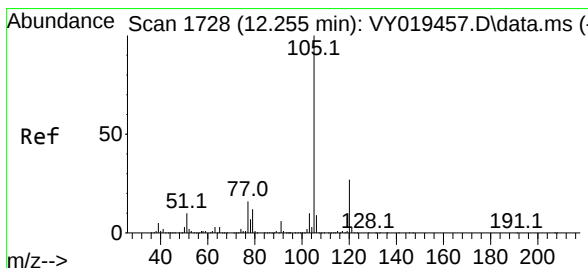
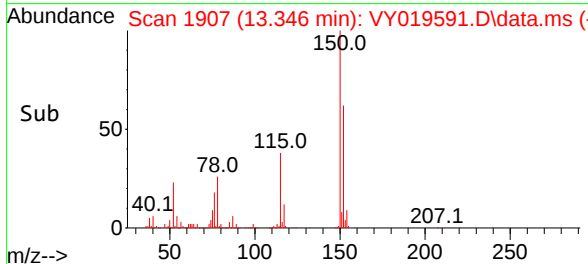
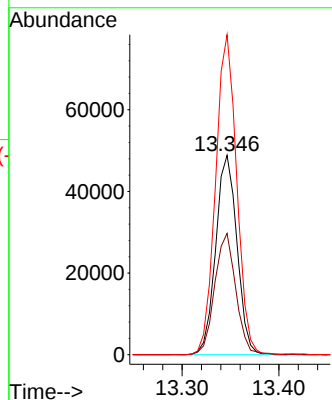
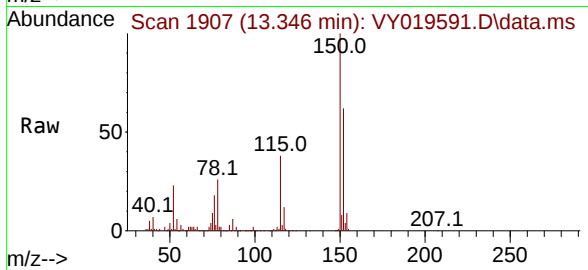
Tgt Ion:152 Resp: 74473

Ion Ratio Lower Upper

152 100

115 60.8 28.2 84.7

150 159.2 0.0 345.6



#73

Isopropylbenzene

Concen: 1.397 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. 0.000 min

Lab File: VY019591.D

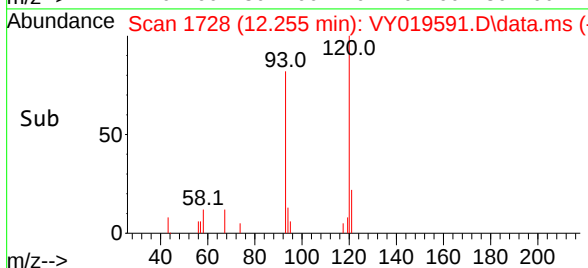
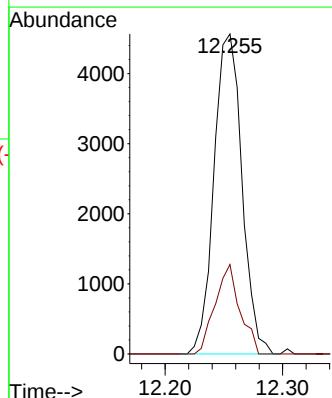
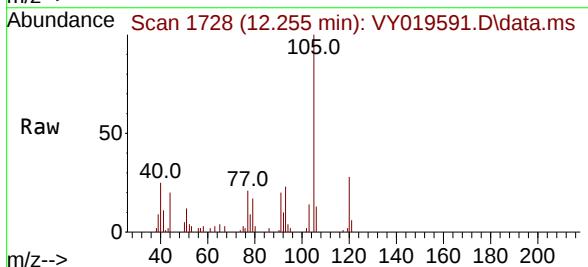
Acq: 17 Sep 2024 17:22

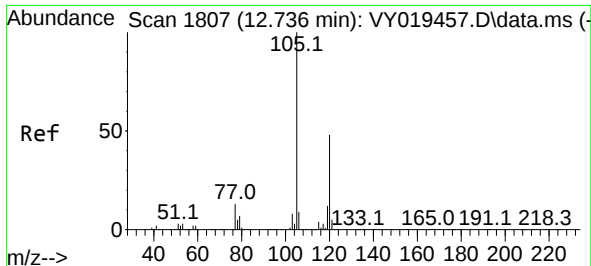
Tgt Ion:105 Resp: 7548

Ion Ratio Lower Upper

105 100

120 24.8 13.4 40.1

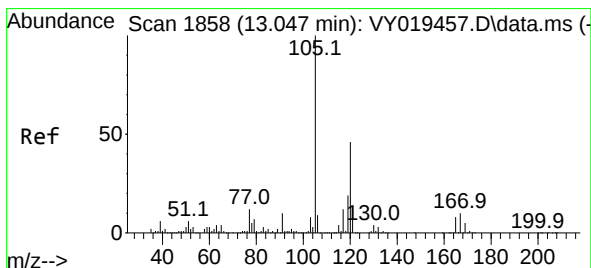
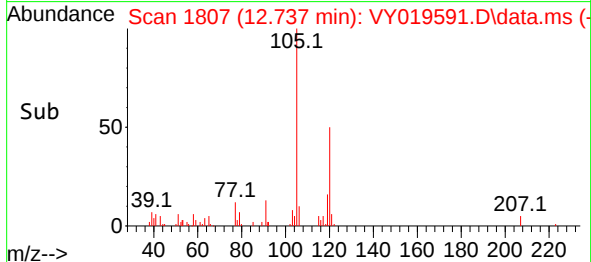
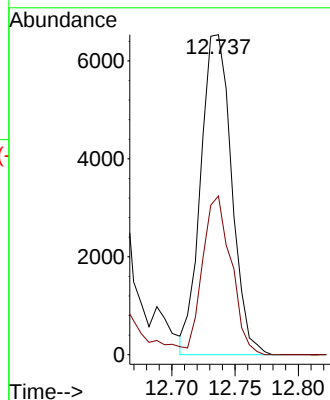
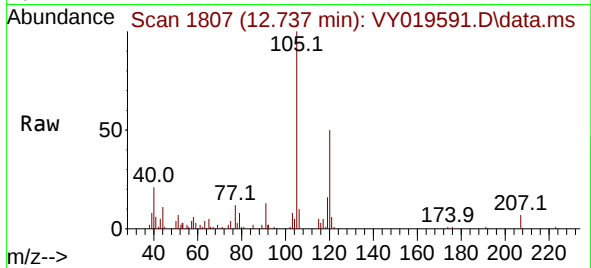




#80
1,3,5-Trimethylbenzene
Concen: 2.534 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY019591.D
Acq: 17 Sep 2024 17:22

Instrument :
MSVOA_Y
ClientSampleId :
TP-3RE

Tgt Ion:105 Resp: 11130
Ion Ratio Lower Upper
105 100
120 46.0 25.1 75.2



#84
1,2,4-Trimethylbenzene
Concen: 2.267 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.006 min
Lab File: VY019591.D
Acq: 17 Sep 2024 17:22

Tgt Ion:105 Resp: 9858
Ion Ratio Lower Upper
105 100
120 42.9 23.2 69.6

