

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091624\
 Data File : VY019566.D
 Acq On : 16 Sep 2024 15:06
 Operator : SY/MD
 Sample : P3985-03
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-7

Quant Time: Sep 17 02:14:47 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)

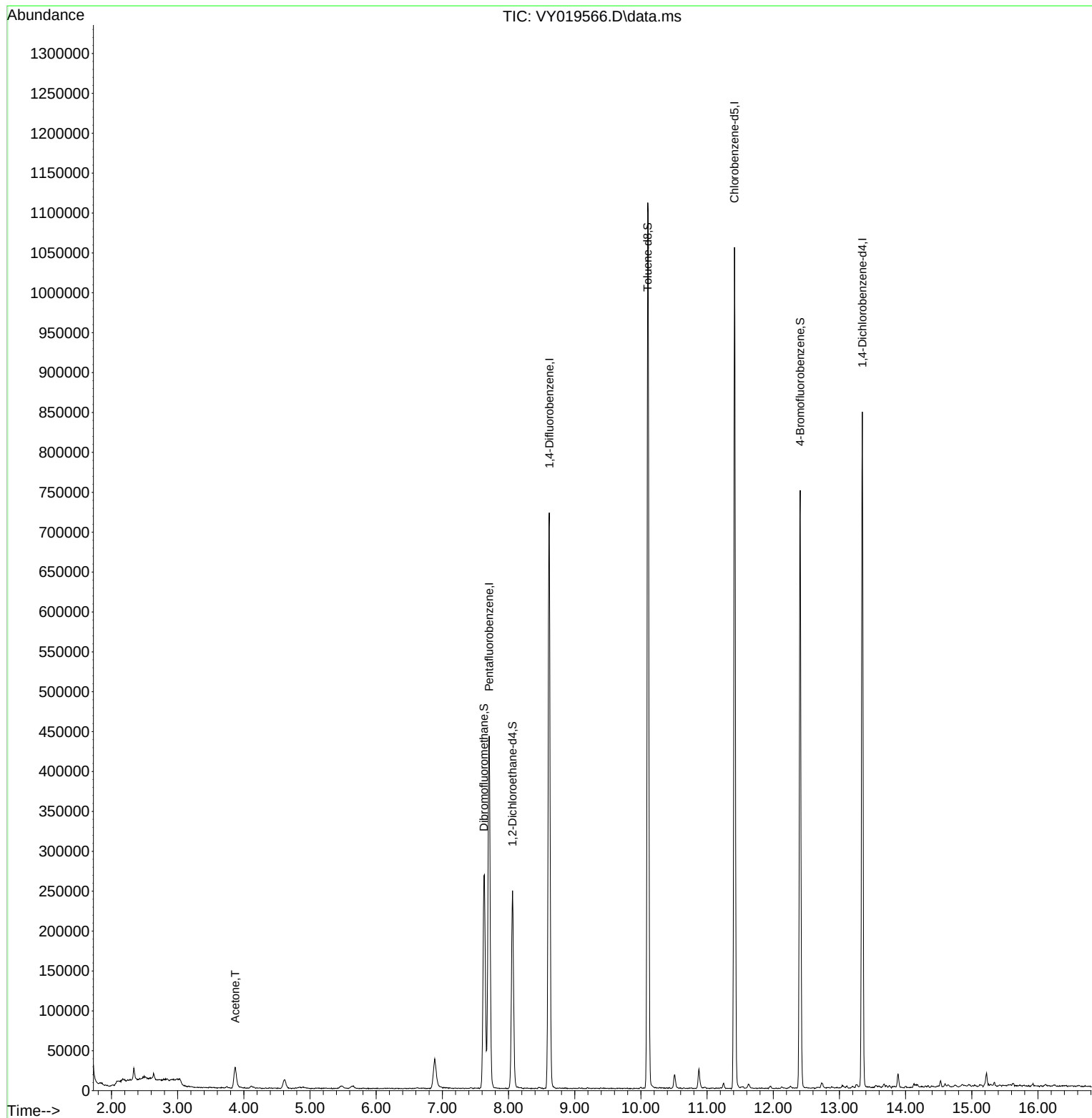
Internal Standards						
1) Pentafluorobenzene	7.707	168	329445	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	617736	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	541335	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	205119	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	187780	61.555	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.120%	
35) Dibromofluoromethane	7.628	113	192396	54.932	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.860%	
50) Toluene-d8	10.103	98	729240	56.291	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.580%	
62) 4-Bromofluorobenzene	12.408	95	237489	47.677	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 95.360%	
Target Compounds						
16) Acetone	3.873	43	47090	64.795	ug/l	# 85

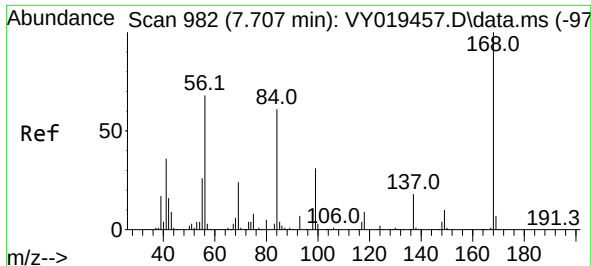
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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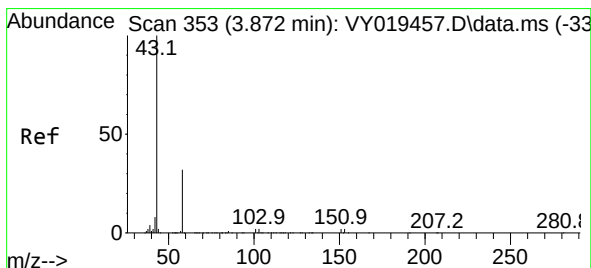
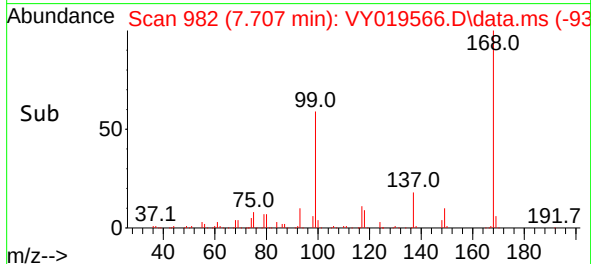
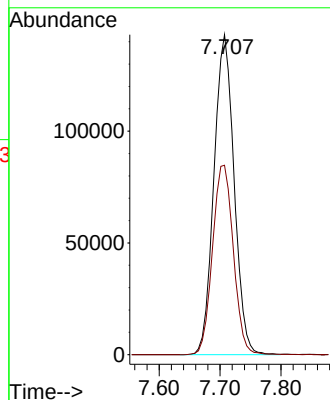
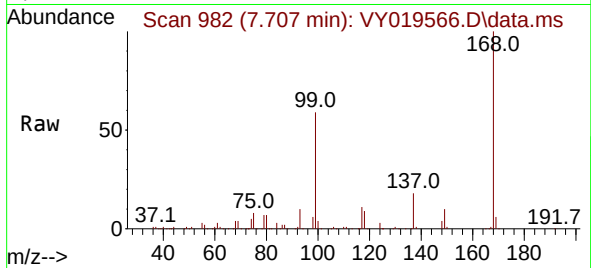




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY019566.D
Acq: 16 Sep 2024 15:06

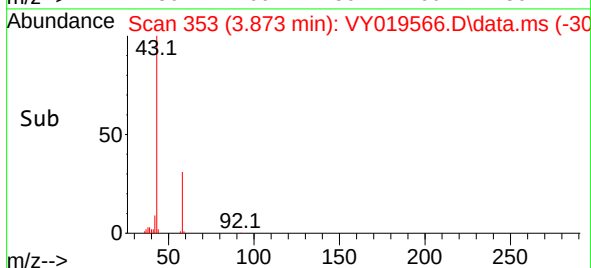
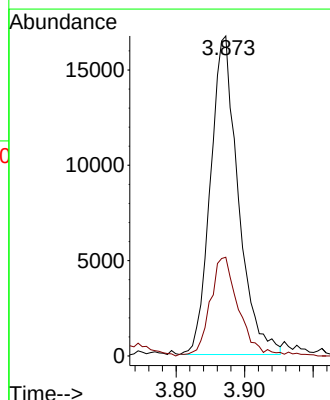
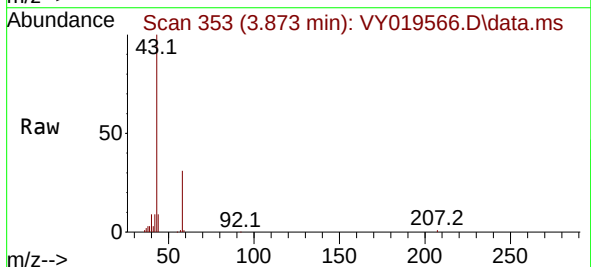
Instrument :
MSVOA_Y
ClientSampleId :
TP-7

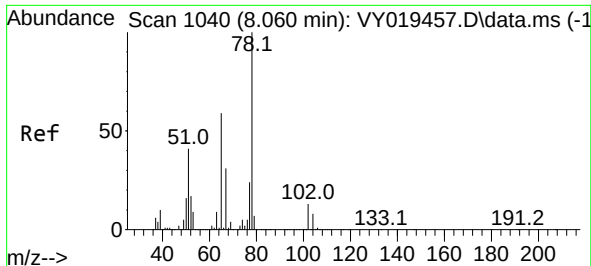
Tgt Ion:168 Resp: 329445
Ion Ratio Lower Upper
168 100
99 59.2 39.1 58.7#



#16
Acetone
Concen: 64.795 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY019566.D
Acq: 16 Sep 2024 15:06

Tgt Ion: 43 Resp: 47090
Ion Ratio Lower Upper
43 100
58 30.4 31.7 47.5#





#33

1,2-Dichloroethane-d4

Concen: 61.555 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019566.D

Acq: 16 Sep 2024 15:06

Instrument :

MSVOA_Y

ClientSampleId :

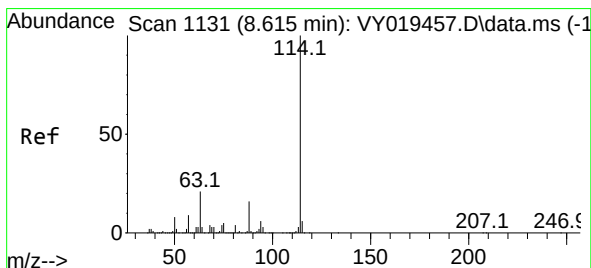
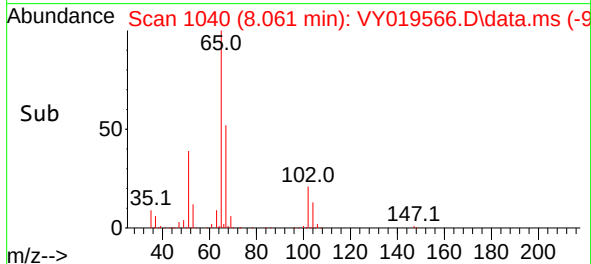
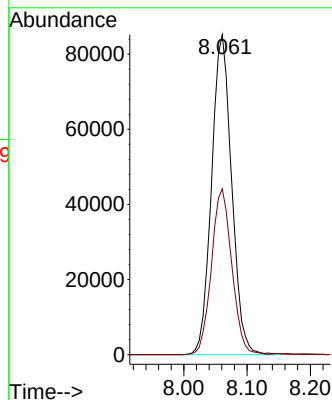
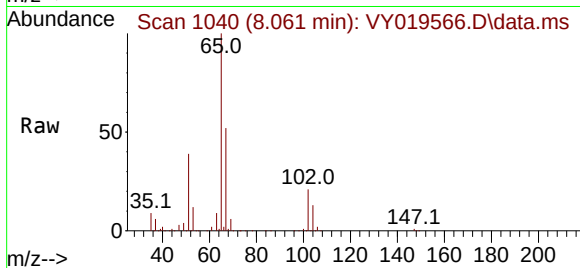
TP-7

Tgt Ion: 65 Resp: 187780

Ion Ratio Lower Upper

65 100

67 52.5 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: VY019566.D

Acq: 16 Sep 2024 15:06

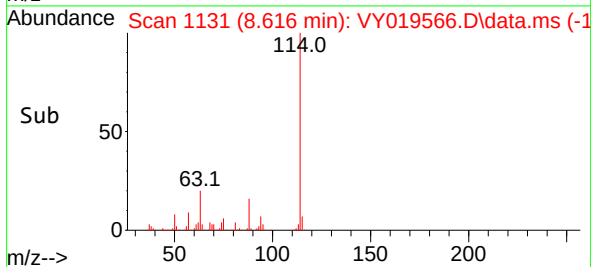
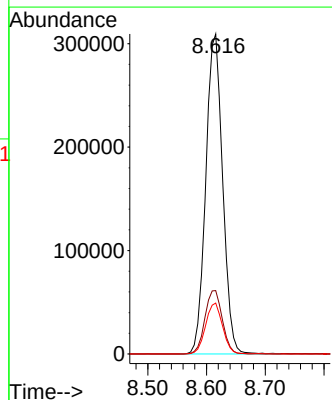
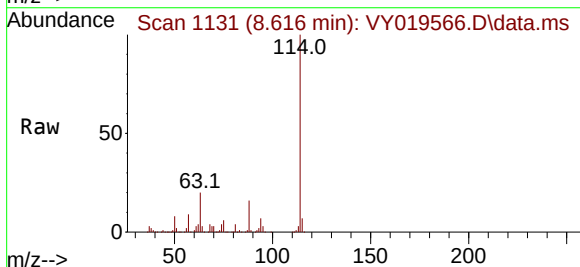
Tgt Ion: 114 Resp: 617736

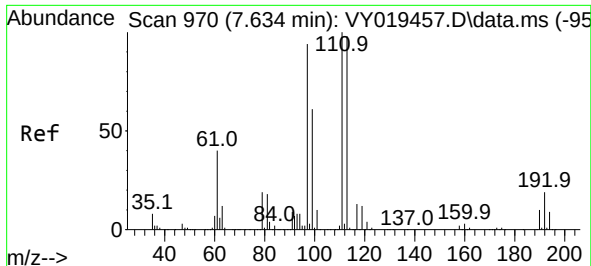
Ion Ratio Lower Upper

114 100

63 19.8 0.0 35.0

88 15.9 0.0 27.2

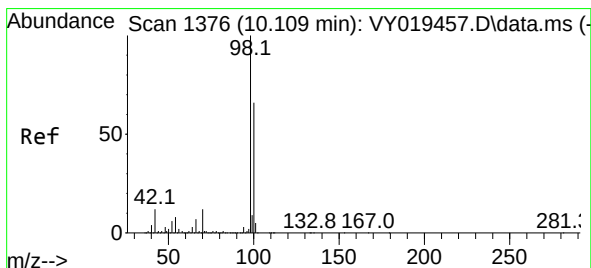
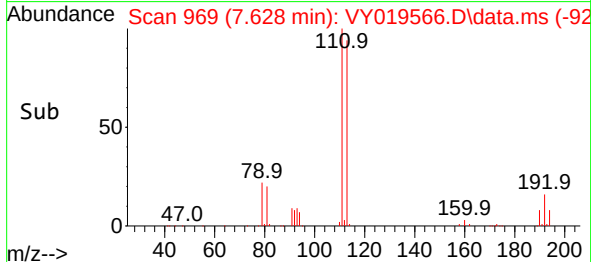
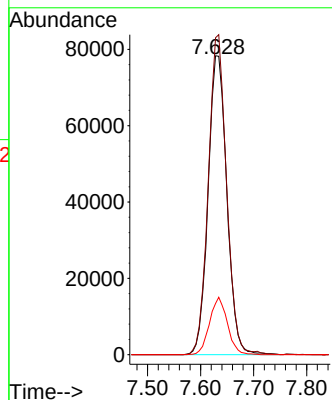
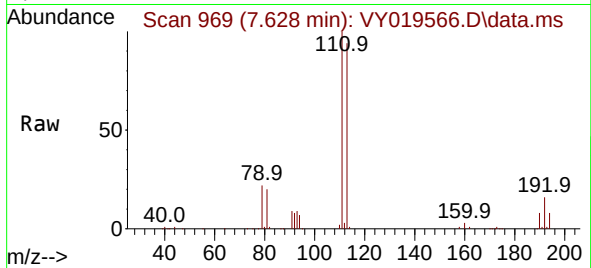




#35
Dibromofluoromethane
Concen: 54.932 ug/l
RT: 7.628 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019566.D
Acq: 16 Sep 2024 15:06

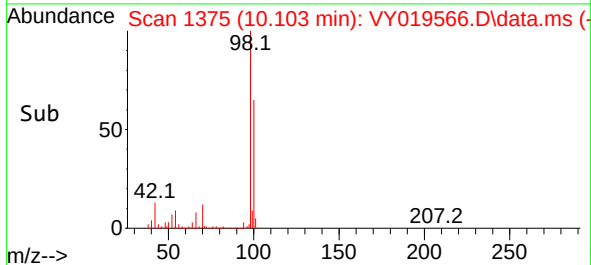
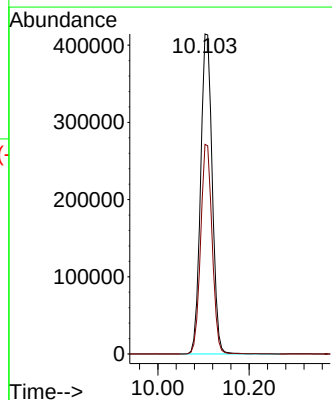
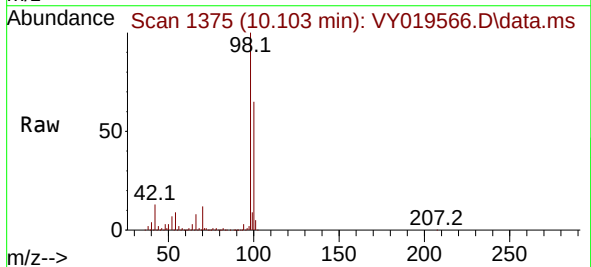
Instrument :
MSVOA_Y
ClientSampleId :
TP-7

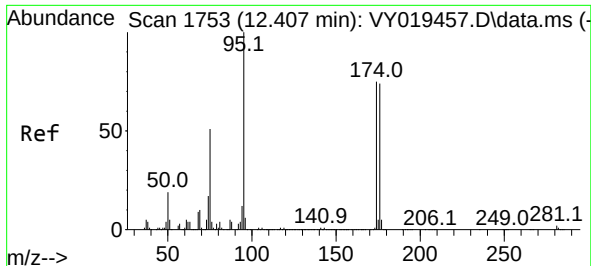
Tgt Ion:113 Resp: 192396
Ion Ratio Lower Upper
113 100
111 104.4 82.2 123.4
192 18.3 15.9 23.9



#50
Toluene-d8
Concen: 56.291 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY019566.D
Acq: 16 Sep 2024 15:06

Tgt Ion: 98 Resp: 729240
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0

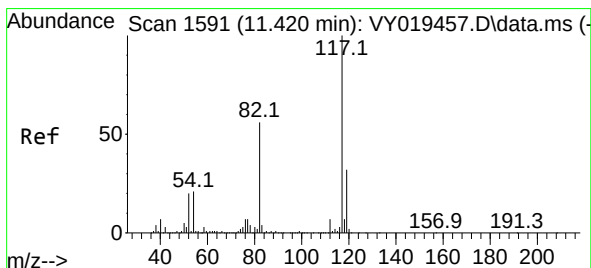
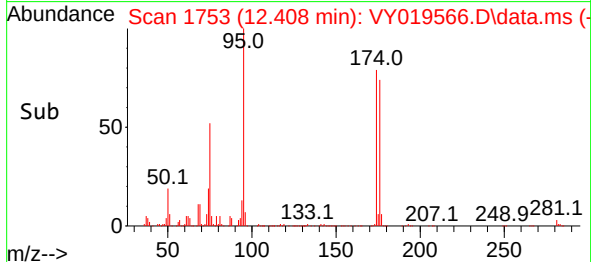
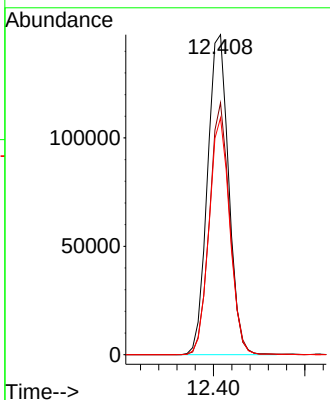
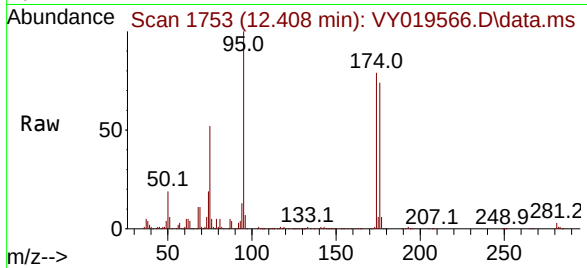




#62
4-Bromofluorobenzene
Concen: 47.677 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019566.D
Acq: 16 Sep 2024 15:06

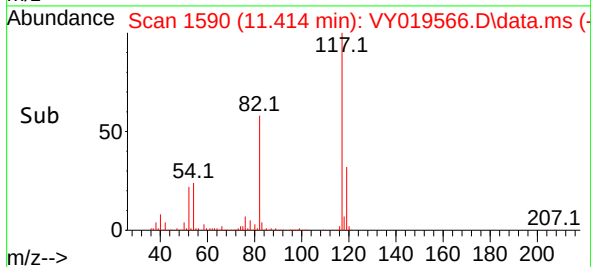
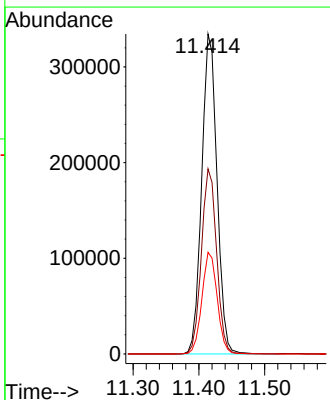
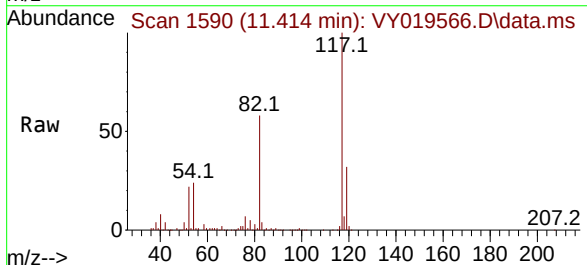
Instrument :
MSVOA_Y
ClientSampleId :
TP-7

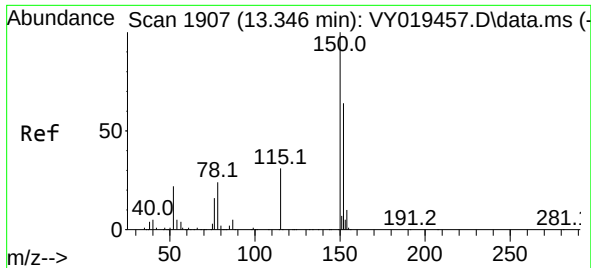
Tgt Ion: 95 Resp: 237489
Ion Ratio Lower Upper
95 100
174 75.4 0.0 175.6
176 72.3 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019566.D
Acq: 16 Sep 2024 15:06

Tgt Ion: 117 Resp: 541335
Ion Ratio Lower Upper
117 100
82 57.9 42.4 63.6
119 31.7 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: VY019566.D
 Acq: 16 Sep 2024 15:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-7

Tgt Ion:152 Resp: 205119
 Ion Ratio Lower Upper
 152 100
 115 61.7 28.2 84.7
 150 157.4 0.0 345.6

