

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081624\
 Data File : VY019092.D
 Acq On : 16 Aug 2024 14:36
 Operator : SY/MD
 Sample : P3615-05
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-03-081424

Quant Time: Aug 16 23:14:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

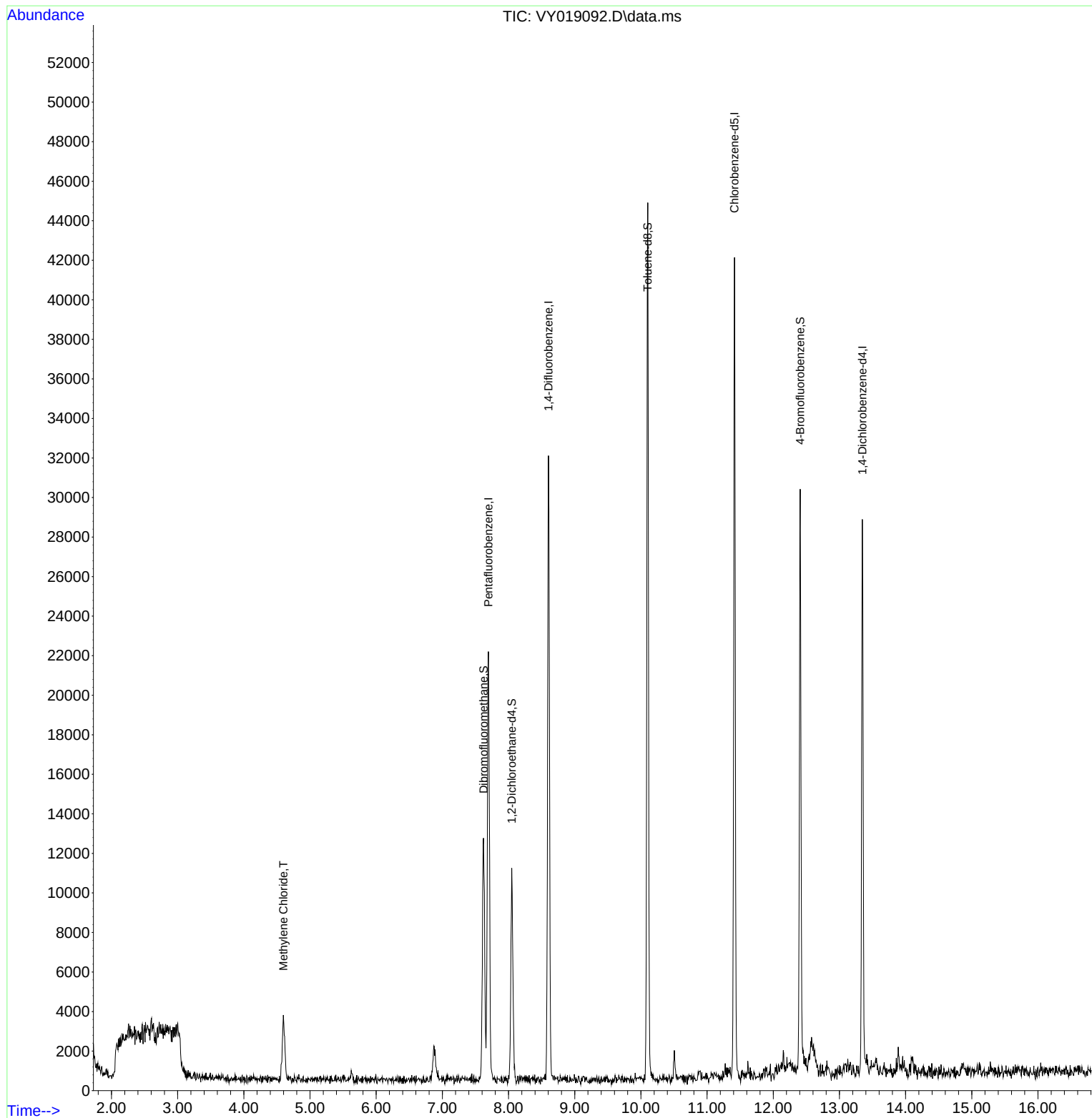
Internal Standards						
1) Pentafluorobenzene	7.695	168	16672	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.604	114	28166	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	22135	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	7208	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	7723	46.211	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.420%
35) Dibromofluoromethane	7.622	113	8724	47.370	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.740%
50) Toluene-d8	10.103	98	28914	43.627	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.260%
62) 4-Bromofluorobenzene	12.408	95	8075	35.741	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	71.480%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.598	84	2259	1.897	ug/l #	86

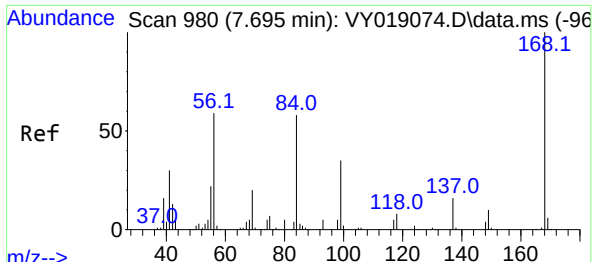
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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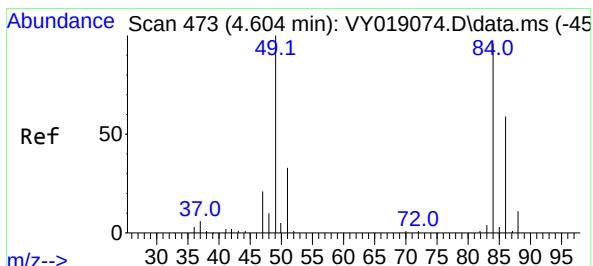
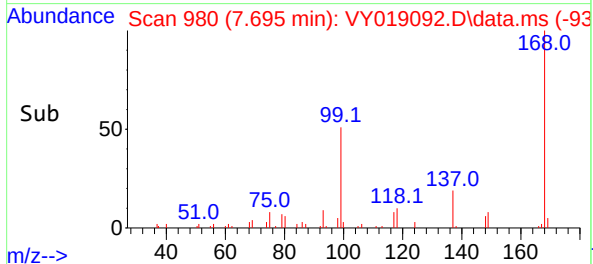
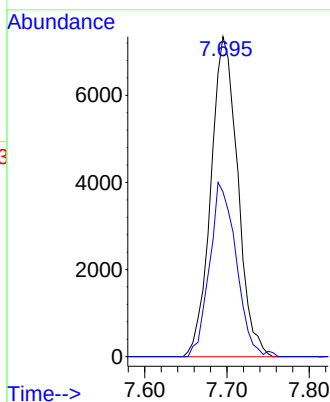
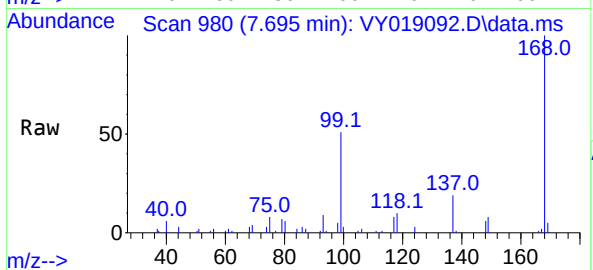




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019092.D
Acq: 16 Aug 2024 14:36

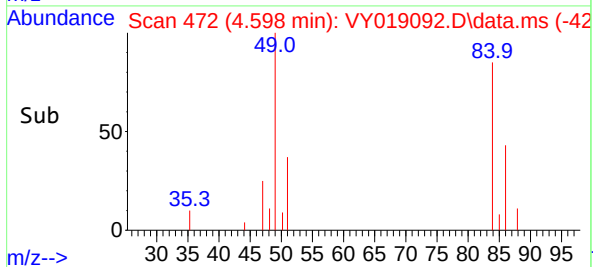
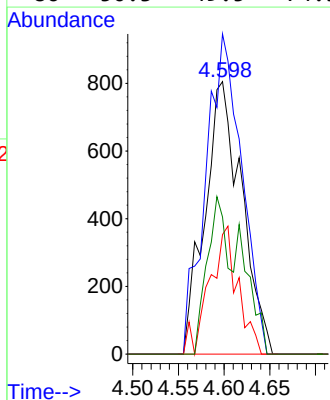
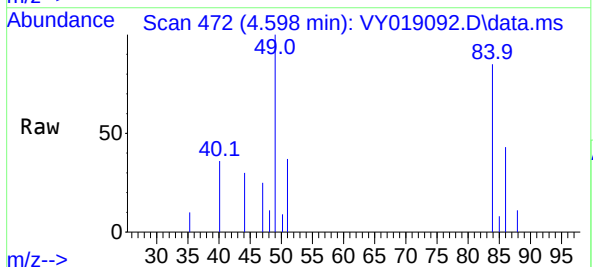
Instrument :
MSVOA_Y
ClientSampleId :
HR-03-081424

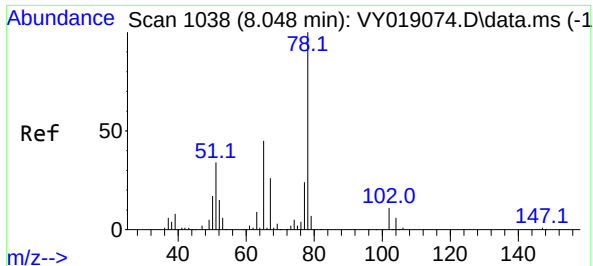
Tgt Ion:168 Resp: 16672
Ion Ratio Lower Upper
168 100
99 51.5 39.1 58.7



#20
Methylene Chloride
Concen: 1.897 ug/l
RT: 4.598 min Scan# 472
Delta R.T. -0.006 min
Lab File: VY019092.D
Acq: 16 Aug 2024 14:36

Tgt Ion: 84 Resp: 2259
Ion Ratio Lower Upper
84 100
49 117.5 84.4 126.6
51 43.9 26.0 39.0#
86 50.3 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 46.211 ug/l

RT: 8.049 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY019092.D

Acq: 16 Aug 2024 14:36

Instrument :

MSVOA_Y

ClientSampleId :

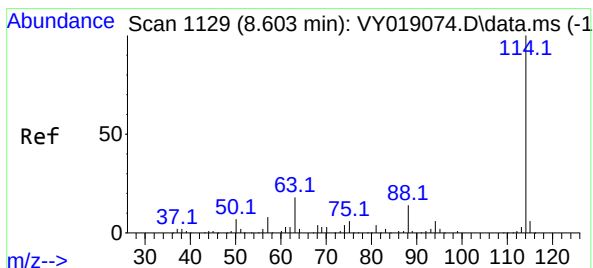
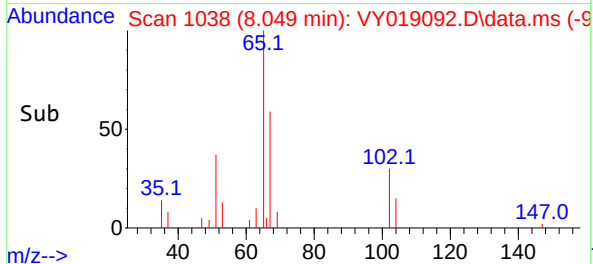
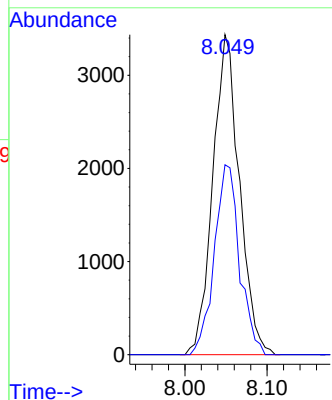
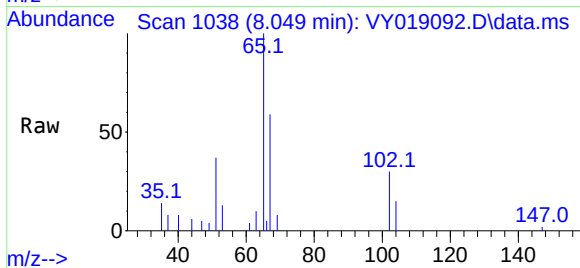
HR-03-081424

Tgt Ion: 65 Resp: 7723

Ion Ratio Lower Upper

65 100

67 56.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.604 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY019092.D

Acq: 16 Aug 2024 14:36

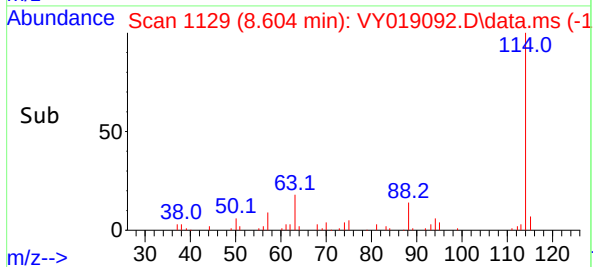
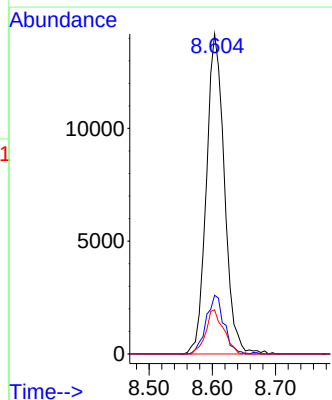
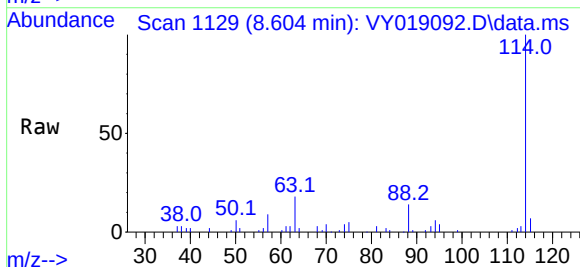
Tgt Ion:114 Resp: 28166

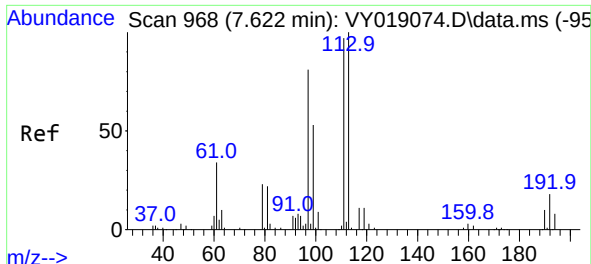
Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.0

88 13.8 0.0 27.2

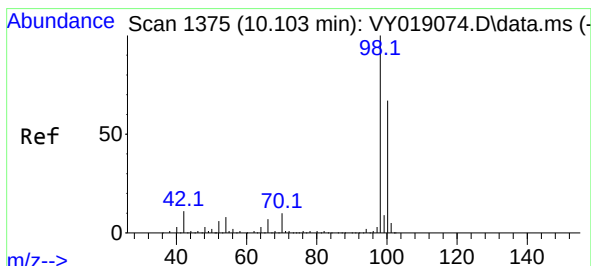
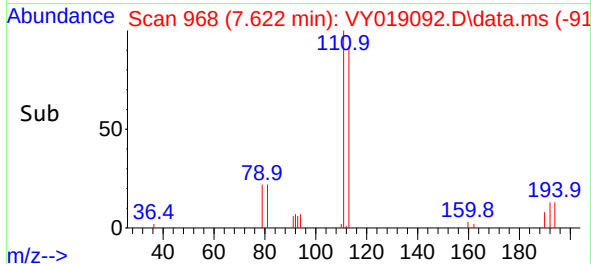
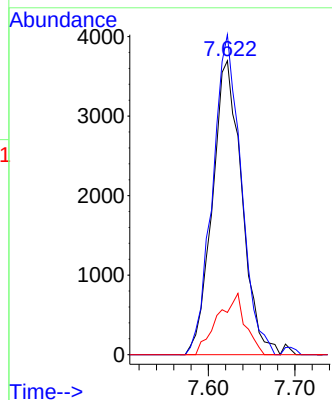
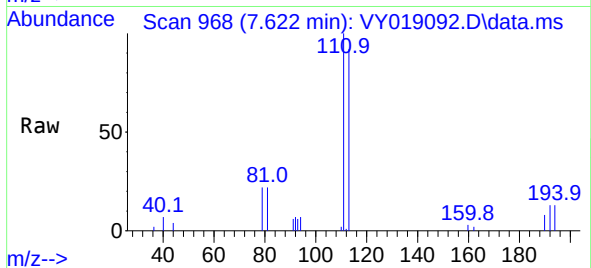




#35
Dibromofluoromethane
Concen: 47.370 ug/l
RT: 7.622 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019092.D
Acq: 16 Aug 2024 14:36

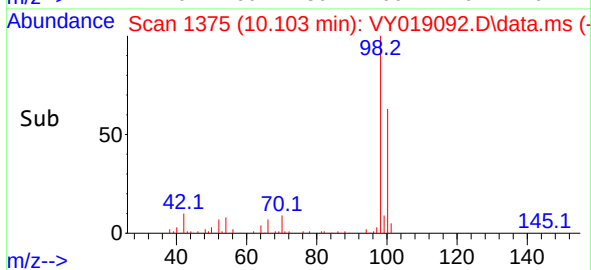
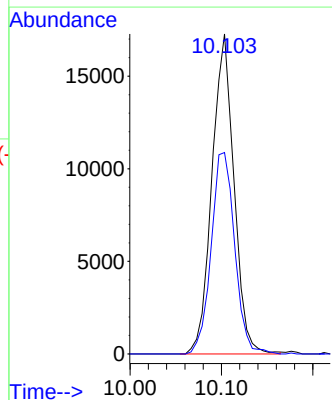
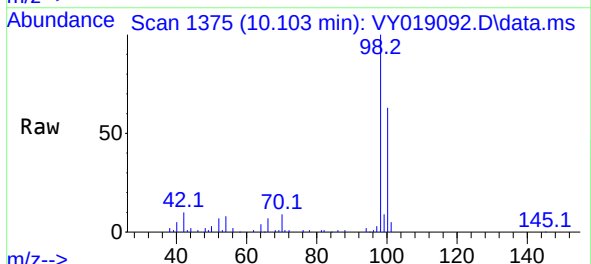
Instrument :
MSVOA_Y
ClientSampleId :
HR-03-081424

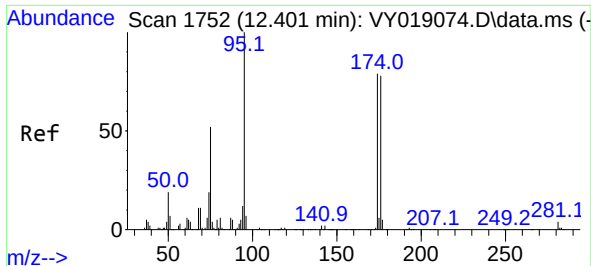
Tgt Ion:113 Resp: 8724
Ion Ratio Lower Upper
113 100
111 105.9 82.2 123.4
192 19.5 15.9 23.9



#50
Toluene-d8
Concen: 43.627 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019092.D
Acq: 16 Aug 2024 14:36

Tgt Ion: 98 Resp: 28914
Ion Ratio Lower Upper
98 100
100 67.3 52.0 78.0

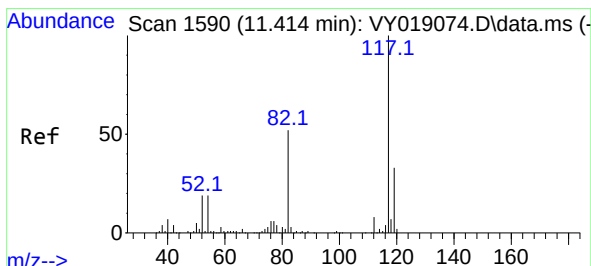
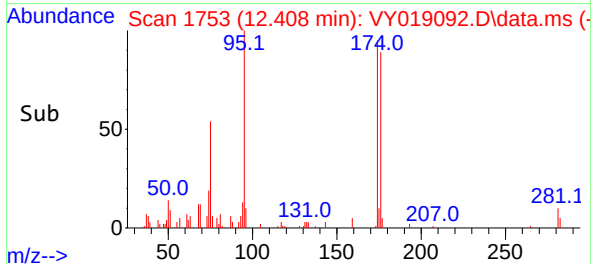
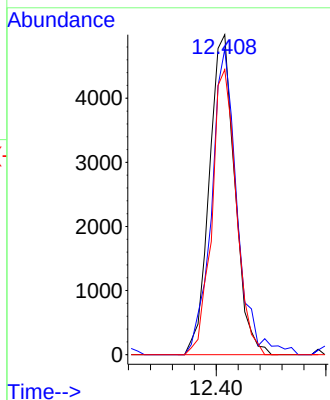
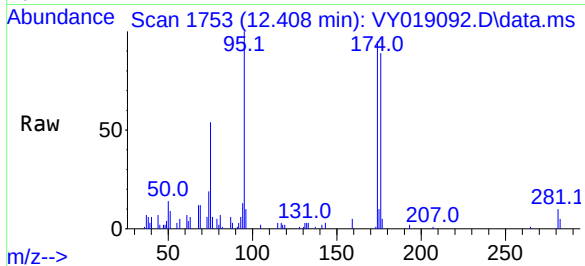




#62
4-Bromofluorobenzene
Concen: 35.741 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019092.D
Acq: 16 Aug 2024 14:36

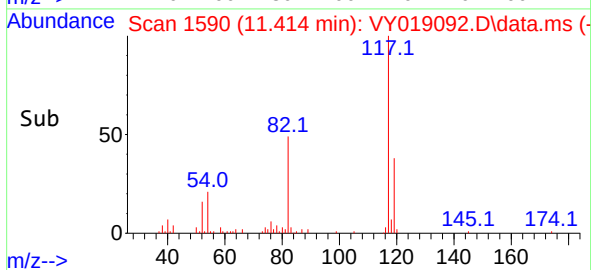
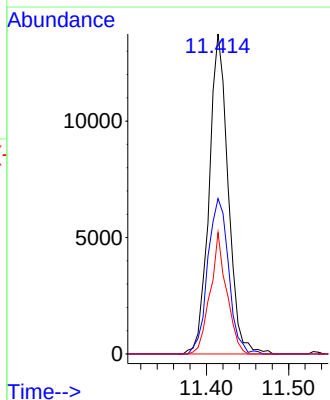
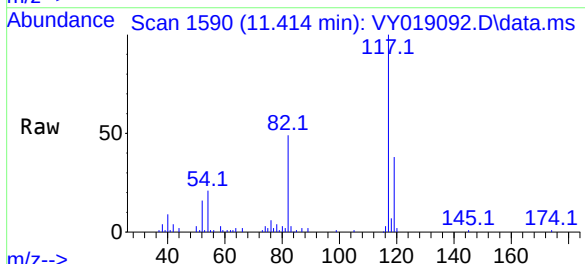
Instrument :
MSVOA_Y
ClientSampleId :
HR-03-081424

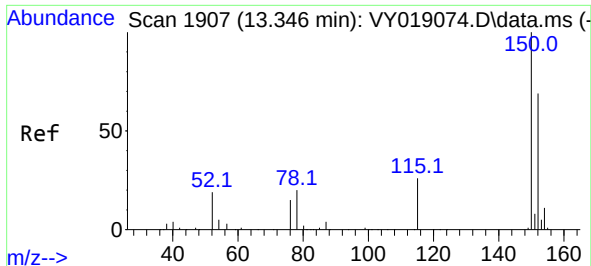
Tgt Ion:	95	Resp:	8075
Ion	Ratio	Lower	Upper
95	100		
174	95.9	0.0	175.6
176	84.9	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY019092.D
Acq: 16 Aug 2024 14:36

Tgt Ion:	117	Resp:	22135
Ion	Ratio	Lower	Upper
117	100		
82	48.6	42.4	63.6
119	37.9	25.9	38.9





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019092.D
Acq: 16 Aug 2024 14:36

Instrument :
MSVOA_Y
ClientSampleId :
HR-03-081424

Tgt Ion:152	Resp:	7208
Ion	Ratio	Lower Upper
152	100	
115	61.6	28.2 84.7
150	149.7	0.0 345.6

