

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082724\
 Data File : VY019292.D
 Acq On : 27 Aug 2024 17:40
 Operator : SY/MD
 Sample : P3663-09
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 915-J-SD-0-0.5-081624

Quant Time: Aug 28 01:47:28 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)

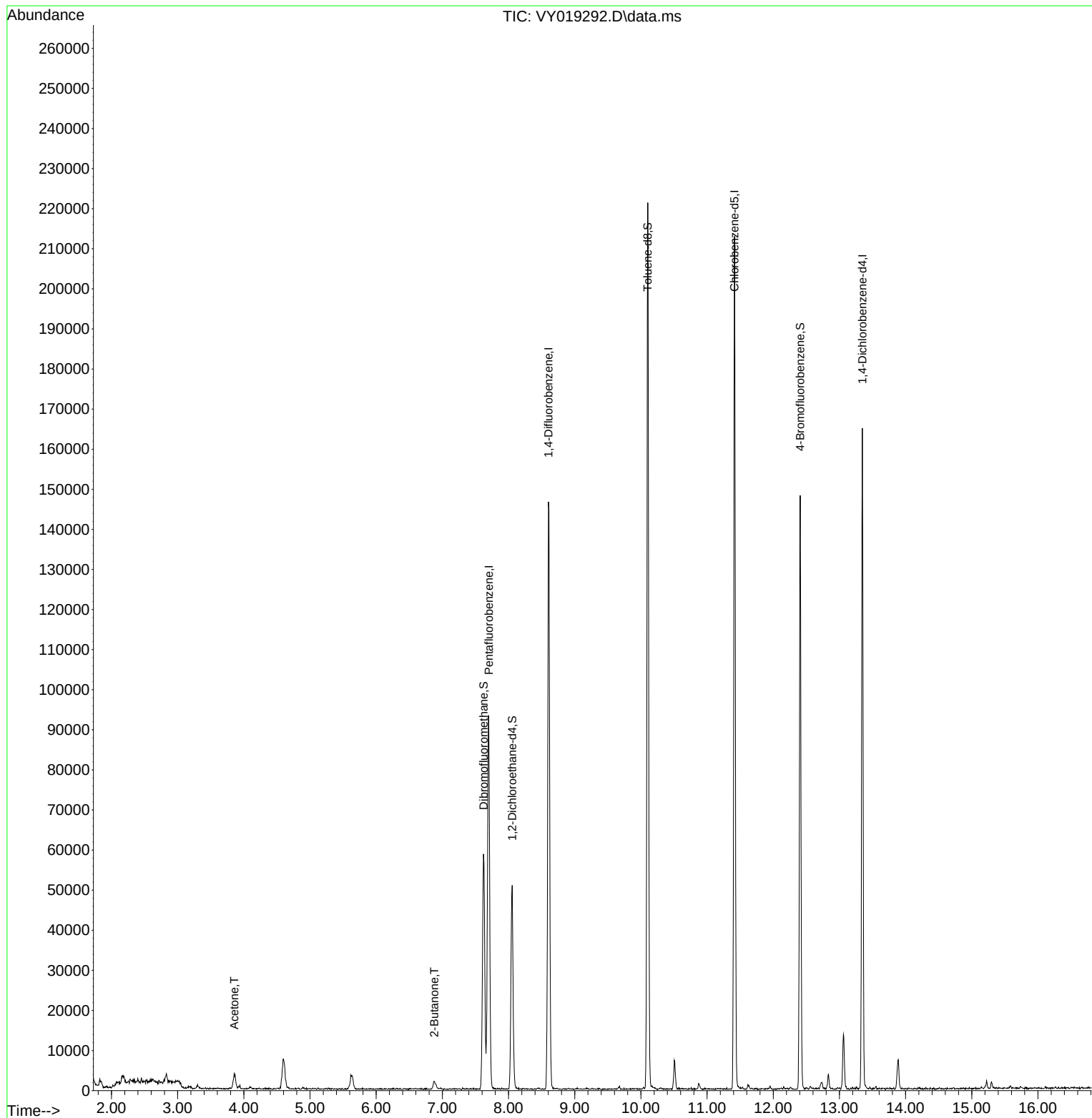
Internal Standards						
1) Pentafluorobenzene	7.701	168	72905	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.604	114	126988	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	113361	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	40734	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	39836	54.509	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.020%
35) Dibromofluoromethane	7.622	113	40945	49.312	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.620%
50) Toluene-d8	10.103	98	141462	47.343	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.680%
62) 4-Bromofluorobenzene	12.408	95	42214	41.442	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	82.880%
Target Compounds						Qvalue
16) Acetone	3.854	43	6384	47.103	ug/l	93
25) 2-Butanone	6.878	43	3112	14.258	ug/l #	75

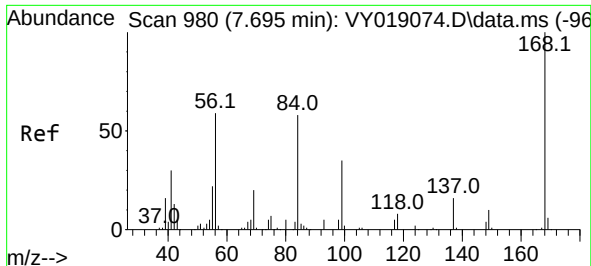
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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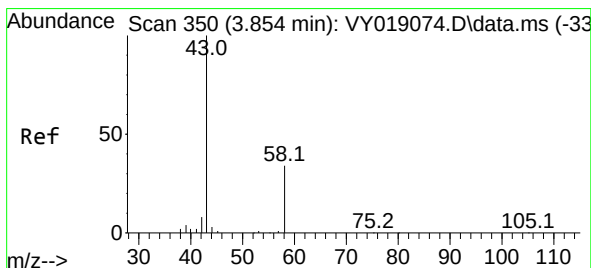
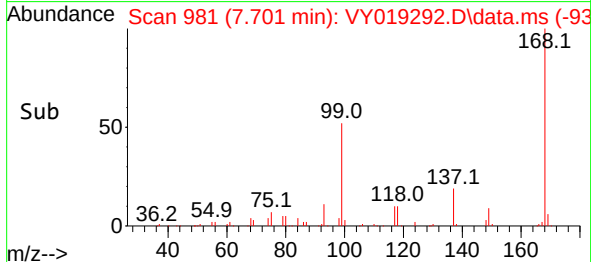
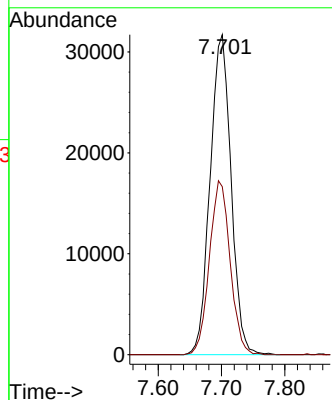
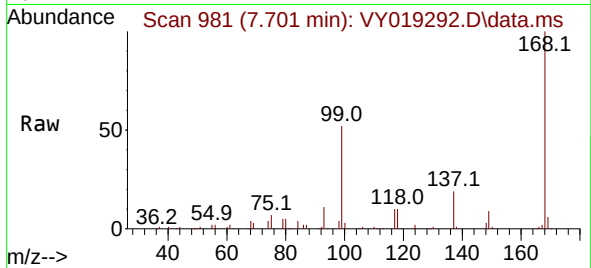




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019292.D
Acq: 27 Aug 2024 17:40

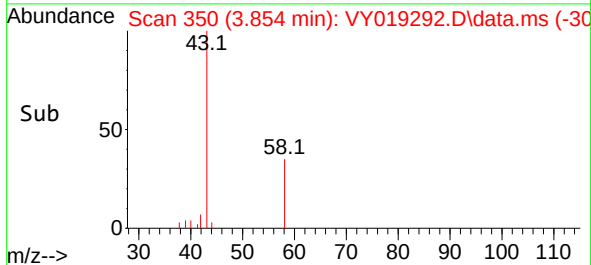
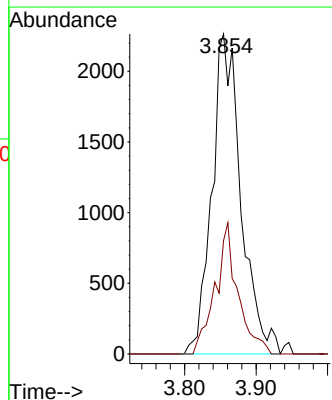
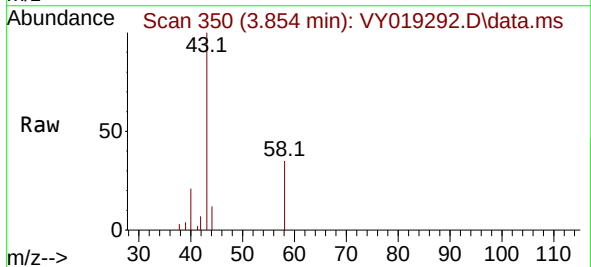
Instrument :
MSVOA_Y
ClientSampleId :
915-J-SD-0-0.5-081624

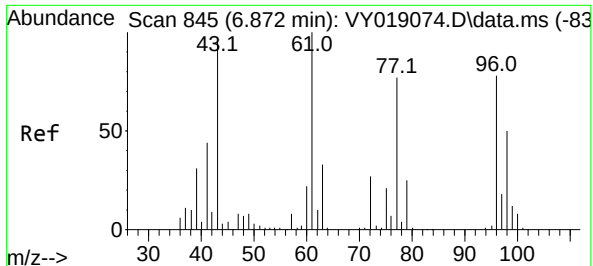
Tgt Ion:168 Resp: 72905
Ion Ratio Lower Upper
168 100
99 52.5 39.1 58.7



#16
Acetone
Concen: 47.103 ug/l
RT: 3.854 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY019292.D
Acq: 27 Aug 2024 17:40

Tgt Ion: 43 Resp: 6384
Ion Ratio Lower Upper
43 100
58 35.4 31.7 47.5

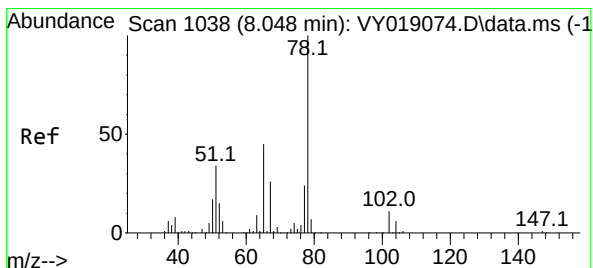
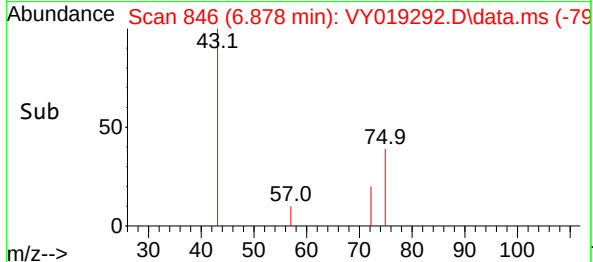
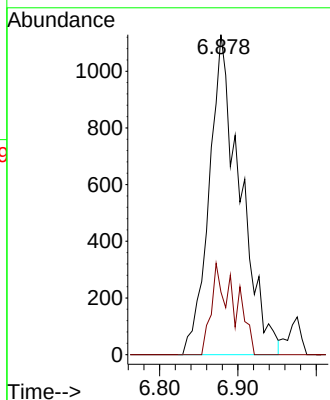
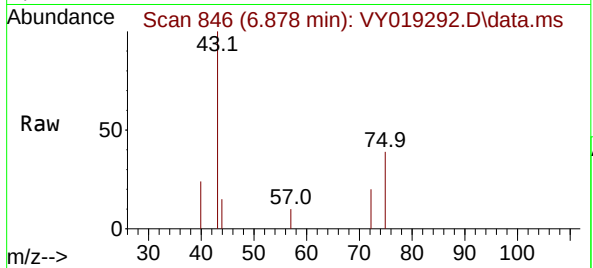




#25
2-Butanone
Concen: 14.258 ug/l
RT: 6.878 min Scan# 845
Delta R.T. 0.006 min
Lab File: VY019292.D
Acq: 27 Aug 2024 17:40

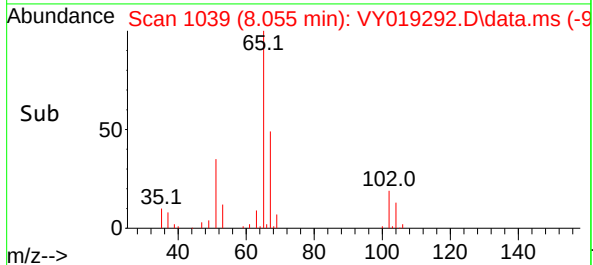
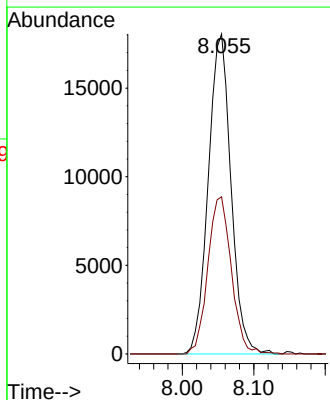
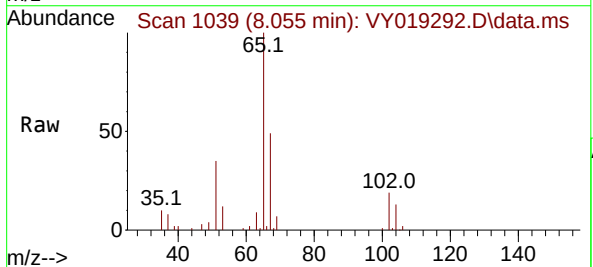
Instrument :
MSVOA_Y
ClientSampleId :
915-J-SD-0-0.5-081624

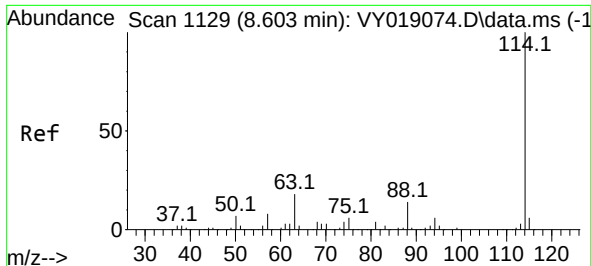
Tgt Ion: 43 Resp: 3112
Ion Ratio Lower Upper
43 100
72 19.6 27.3 40.9#



#33
1,2-Dichloroethane-d4
Concen: 54.509 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019292.D
Acq: 27 Aug 2024 17:40

Tgt Ion: 65 Resp: 39836
Ion Ratio Lower Upper
65 100
67 50.9 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: VY019292.D

Acq: 27 Aug 2024 17:40

Instrument :

MSVOA_Y

ClientSampleId :

915-J-SD-0-0.5-081624

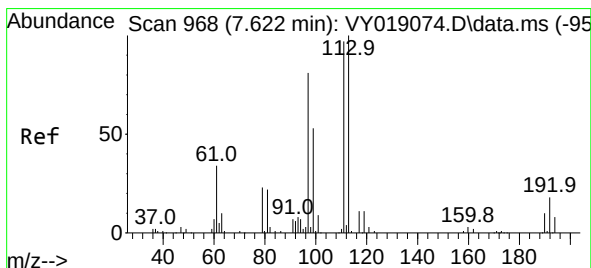
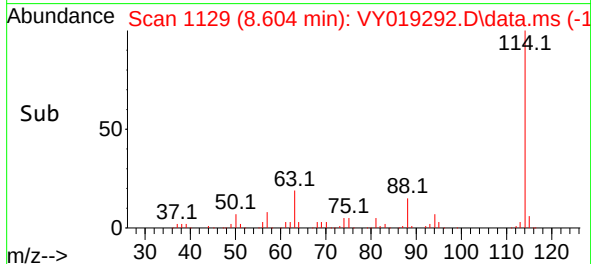
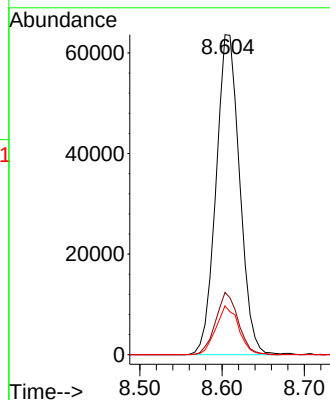
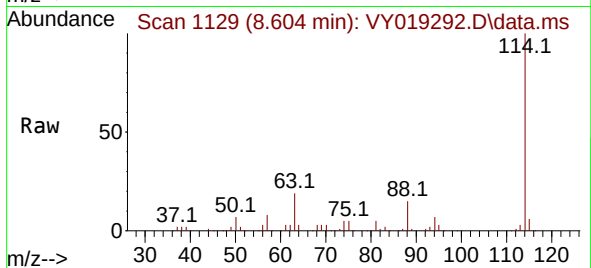
Tgt Ion:114 Resp: 126988

Ion Ratio Lower Upper

114 100

63 19.5 0.0 35.0

88 15.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.312 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY019292.D

Acq: 27 Aug 2024 17:40

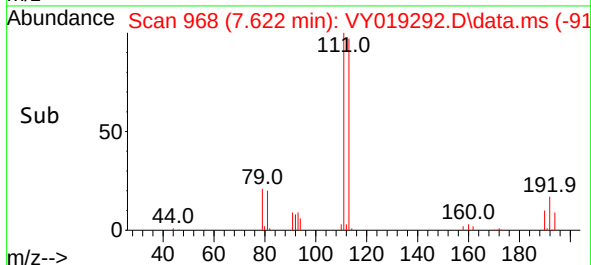
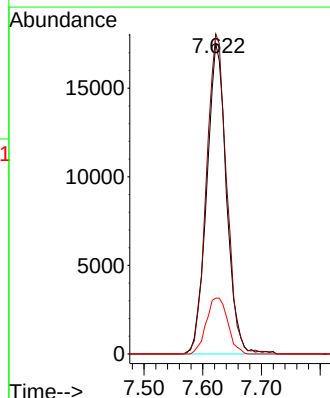
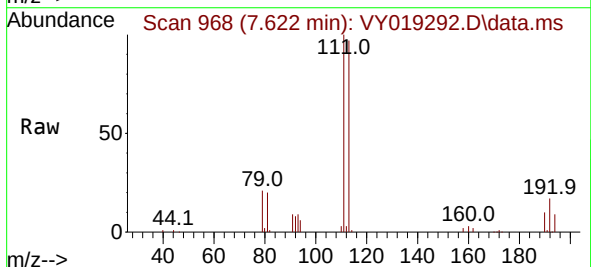
Tgt Ion:113 Resp: 40945

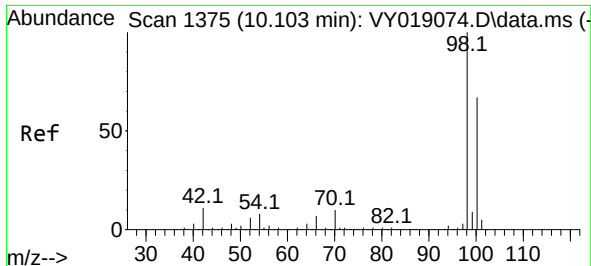
Ion Ratio Lower Upper

113 100

111 104.9 82.2 123.4

192 19.5 15.9 23.9

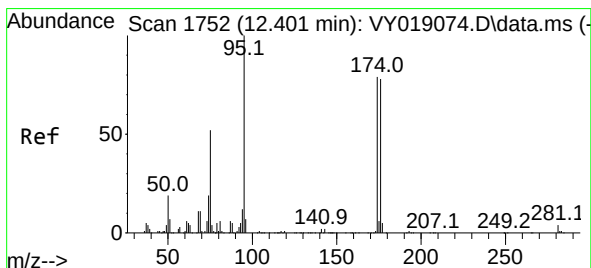
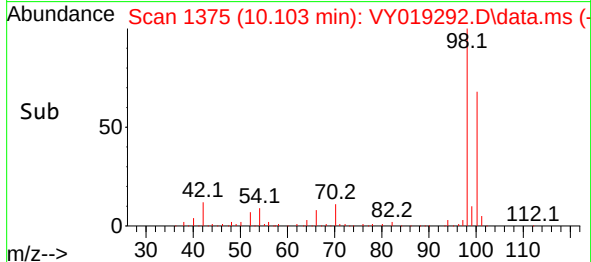
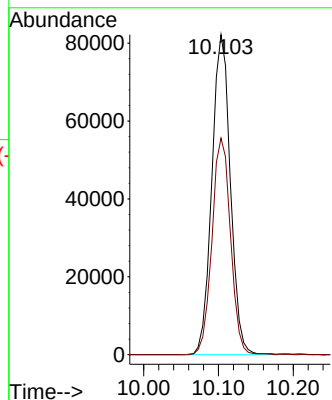
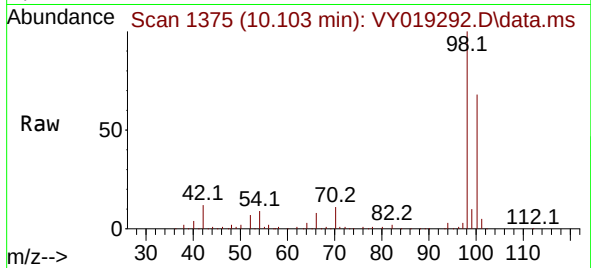




#50
Toluene-d8
Concen: 47.343 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019292.D
Acq: 27 Aug 2024 17:40

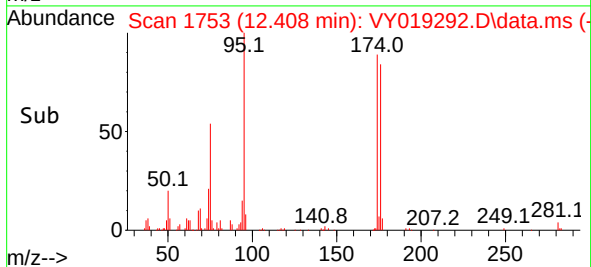
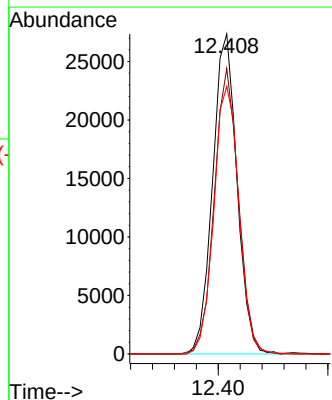
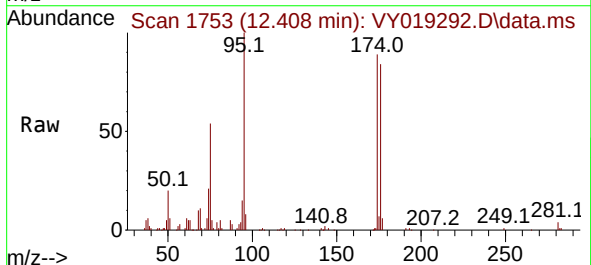
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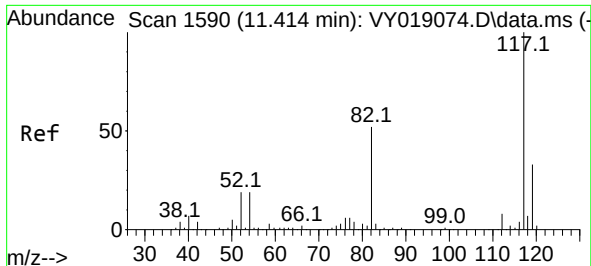
Tgt Ion: 98 Resp: 141462
Ion Ratio Lower Upper
98 100
100 67.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 41.442 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019292.D
Acq: 27 Aug 2024 17:40

Tgt Ion: 95 Resp: 42214
Ion Ratio Lower Upper
95 100
174 88.8 0.0 175.6
176 86.1 0.0 171.4

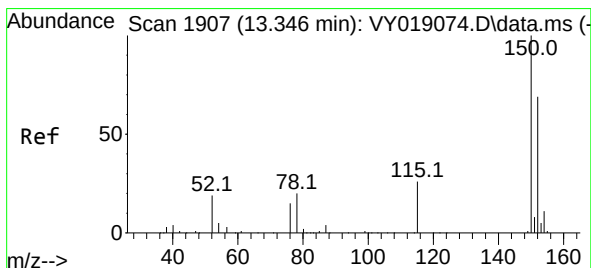
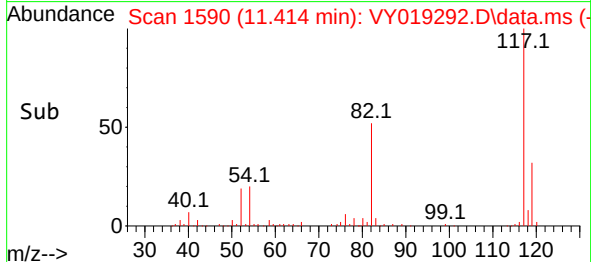
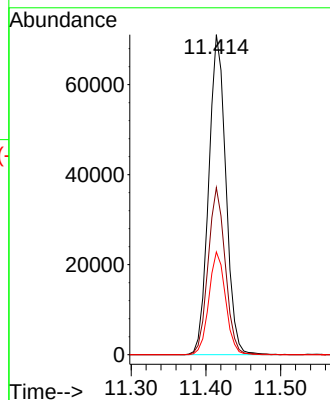
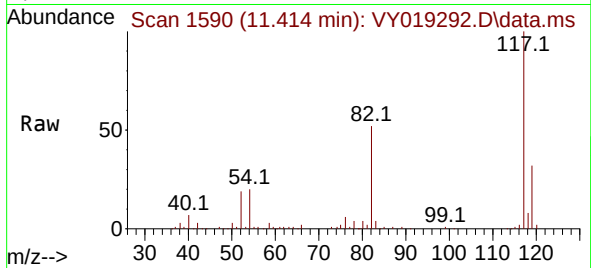




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019292.D
Acq: 27 Aug 2024 17:40

Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.2	42.4	63.6
119	32.1	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: VY019292.D
Acq: 27 Aug 2024 17:40

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.0	28.2	84.7
150	157.4	0.0	345.6

