

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082724\
 Data File : VY019317.D
 Acq On : 28 Aug 2024 06:14
 Operator : SY/MD
 Sample : P3663-08
 Misc : 4.73g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 916-J-SD-0.5-1-081624

Quant Time: Aug 28 07:30:49 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)

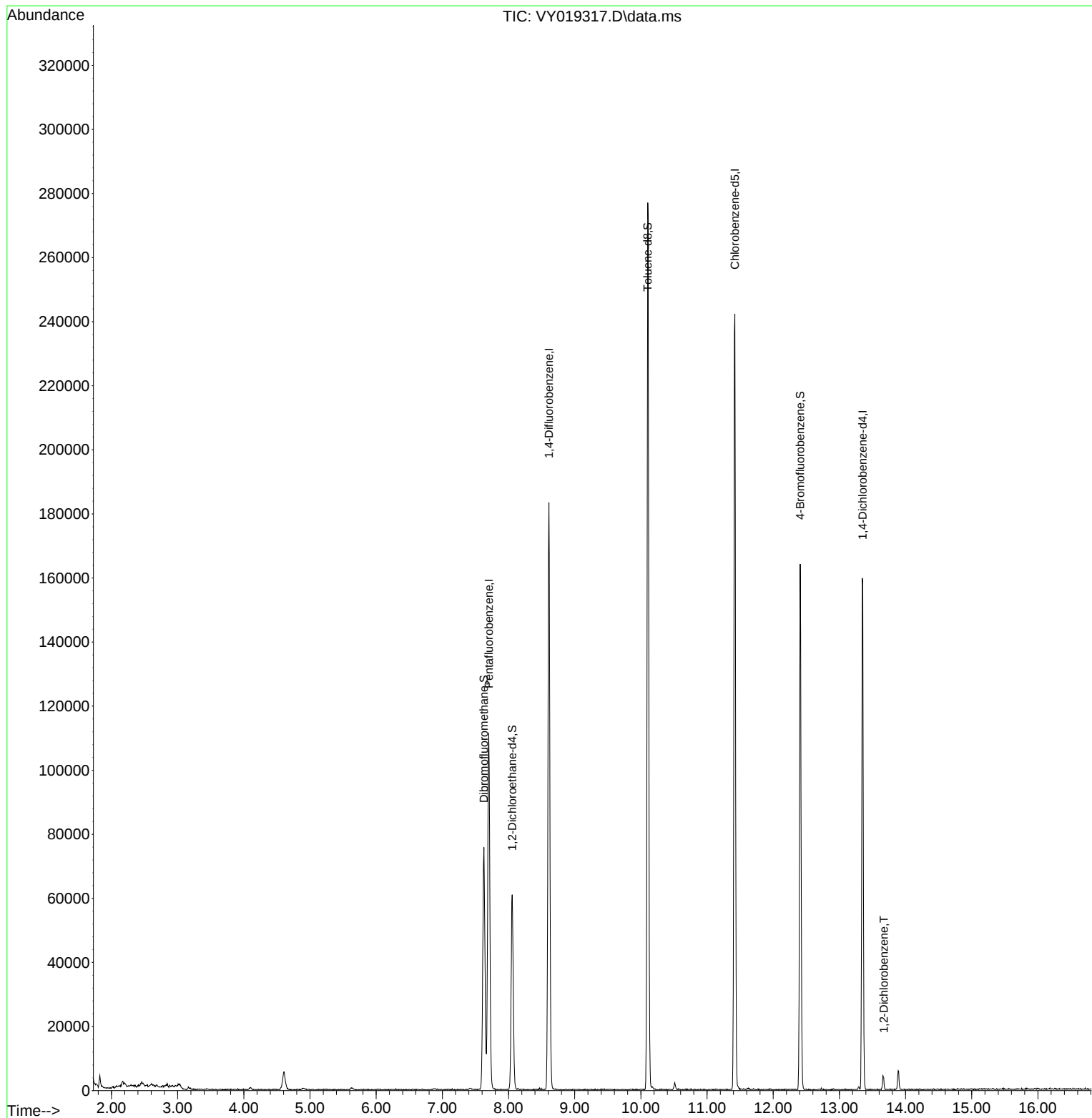
Internal Standards						
1) Pentafluorobenzene	7.701	168	88311	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	161403	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	135742	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	41721	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	47318	53.452	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.900%
35) Dibromofluoromethane	7.628	113	51096	48.416	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.840%
50) Toluene-d8	10.103	98	181584	47.812	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.620%
62) 4-Bromofluorobenzene	12.408	95	46629	36.016	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	72.040%
Target Compounds						
91) 1,2-Dichlorobenzene	13.670	146	1924	1.444	ug/l	Qvalue 99

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

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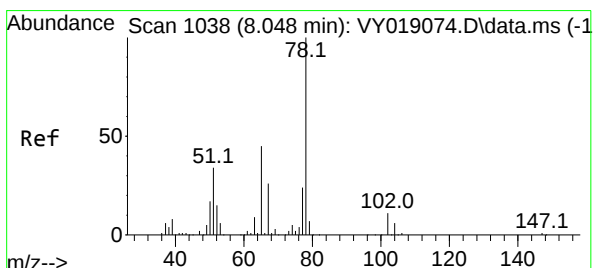
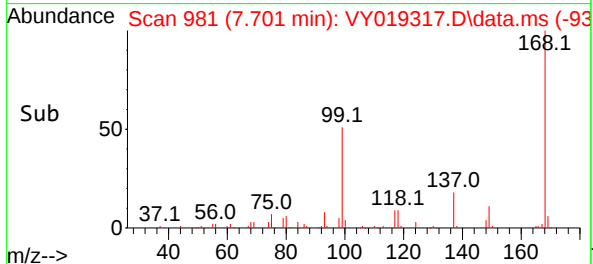
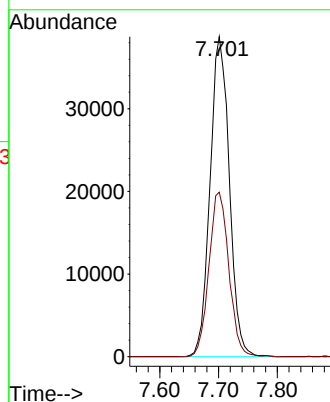
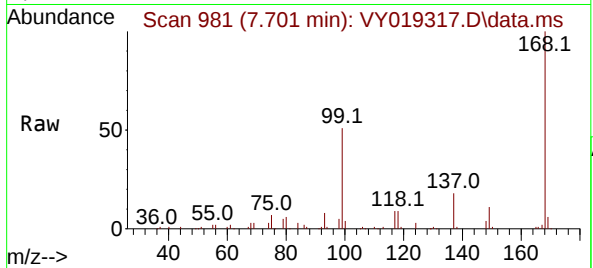




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019317.D
Acq: 28 Aug 2024 06:14

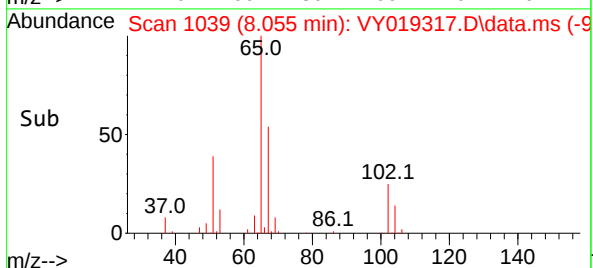
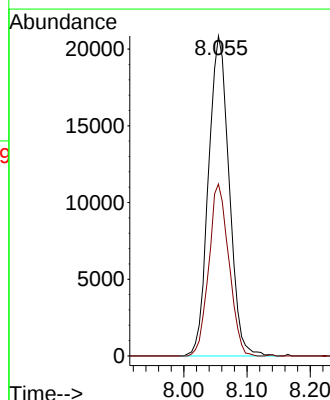
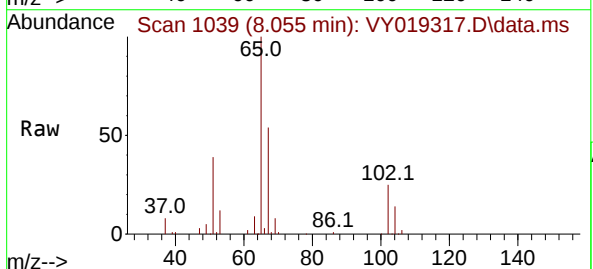
Instrument :
MSVOA_Y
ClientSampleId :
916-J-SD-0.5-1-081624

Tgt Ion:168 Resp: 88311
Ion Ratio Lower Upper
168 100
99 51.4 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 53.452 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019317.D
Acq: 28 Aug 2024 06:14

Tgt Ion: 65 Resp: 47318
Ion Ratio Lower Upper
65 100
67 52.1 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY019317.D

Acq: 28 Aug 2024 06:14

Instrument :

MSVOA_Y

ClientSampleId :

916-J-SD-0.5-1-081624

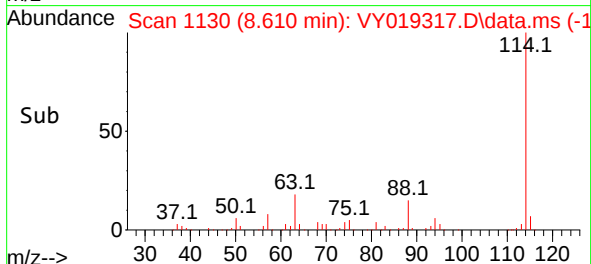
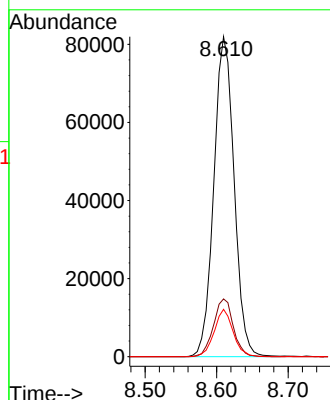
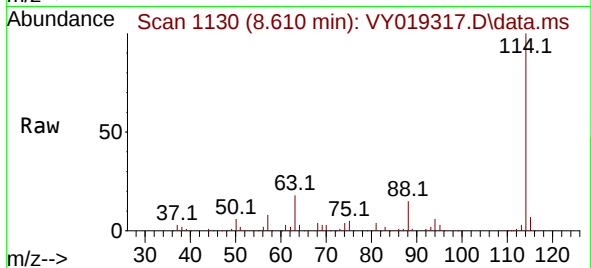
Tgt Ion:114 Resp: 161403

Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.0

88 14.8 0.0 27.2



#35

Dibromofluoromethane

Concen: 48.416 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY019317.D

Acq: 28 Aug 2024 06:14

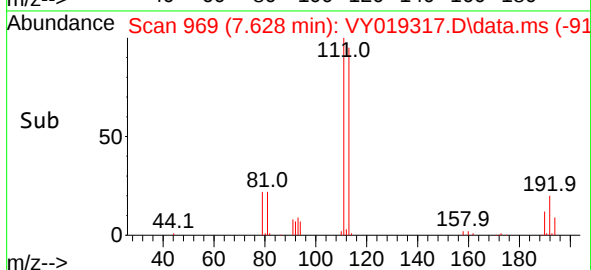
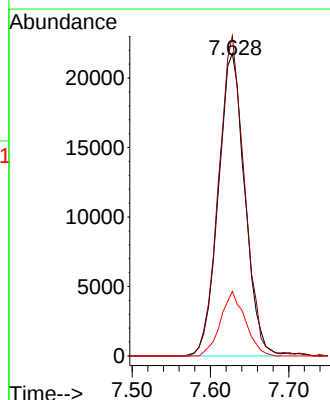
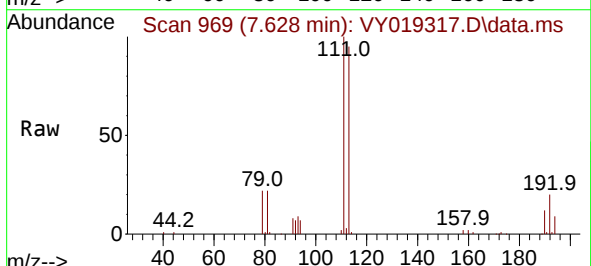
Tgt Ion:113 Resp: 51096

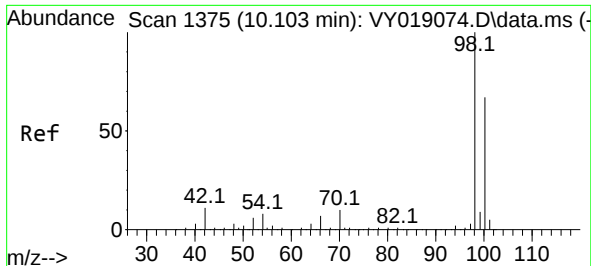
Ion Ratio Lower Upper

113 100

111 104.0 82.2 123.4

192 19.9 15.9 23.9

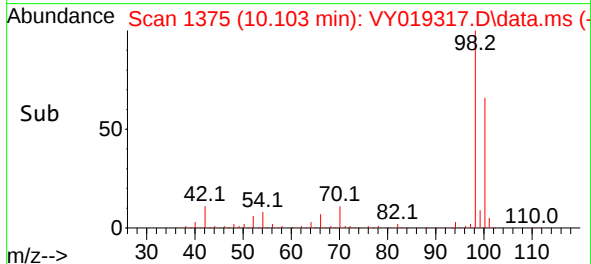
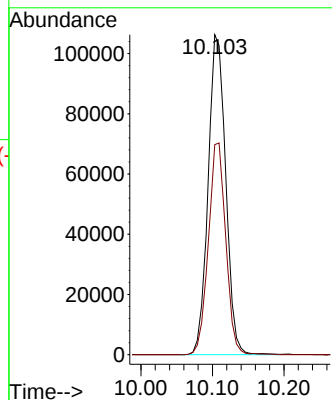
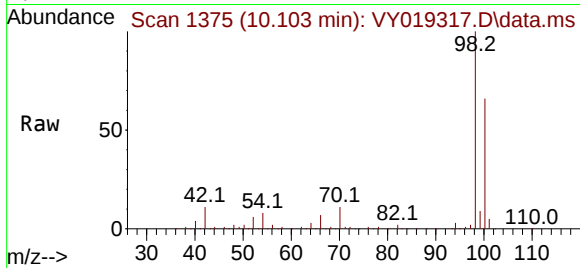




#50
Toluene-d8
Concen: 47.812 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019317.D
Acq: 28 Aug 2024 06:14

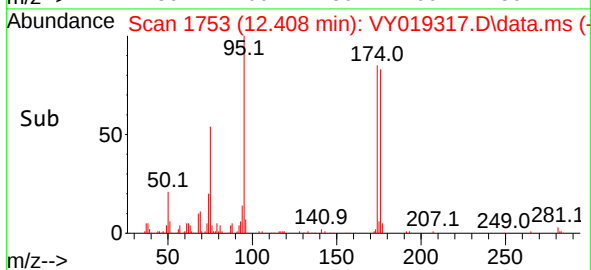
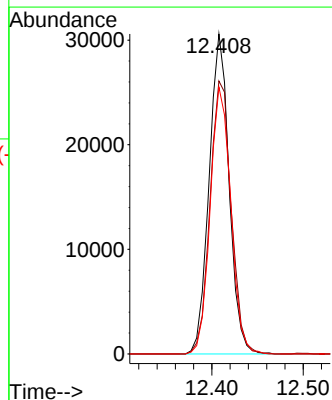
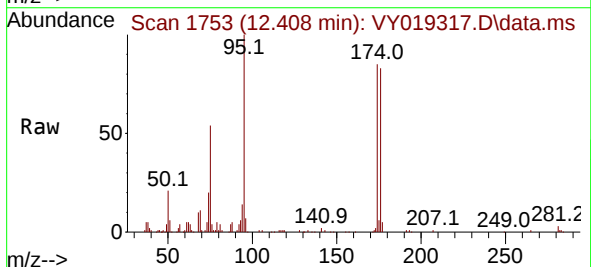
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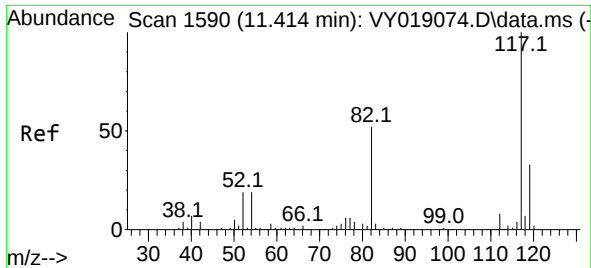
Tgt Ion: 98 Resp: 181584
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 36.016 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019317.D
Acq: 28 Aug 2024 06:14

Tgt Ion: 95 Resp: 46629
Ion Ratio Lower Upper
95 100
174 90.4 0.0 175.6
176 86.0 0.0 171.4

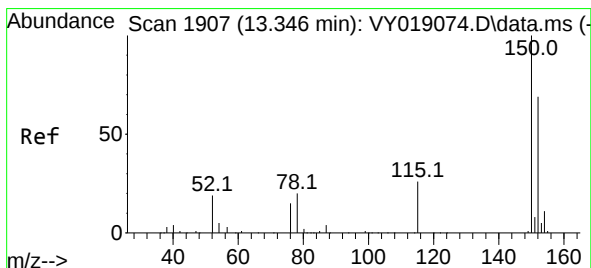
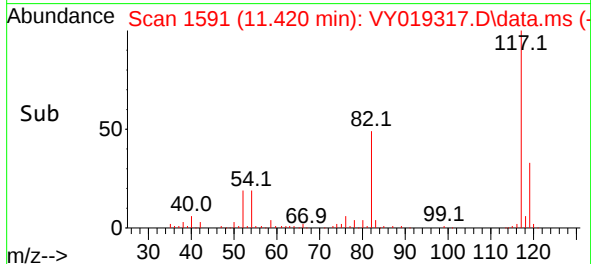
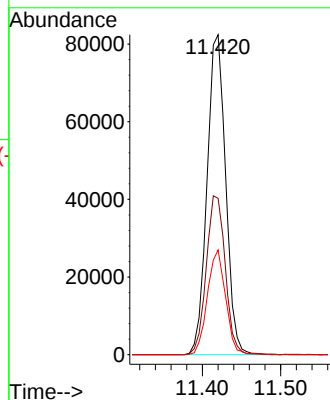
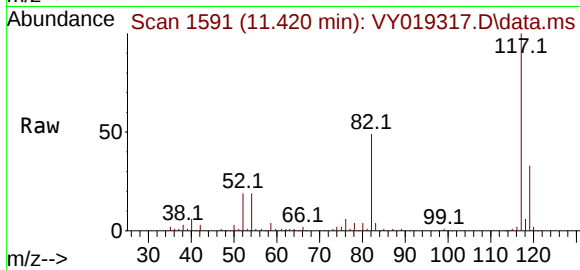




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019317.D
Acq: 28 Aug 2024 06:14

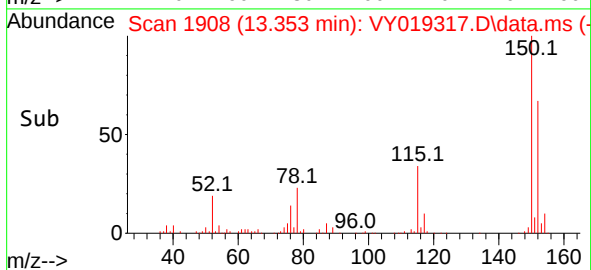
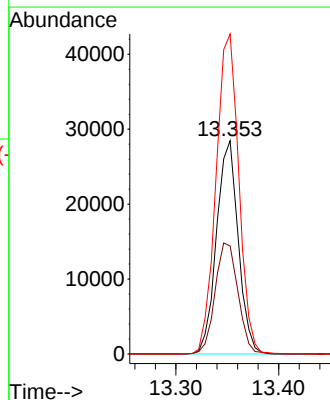
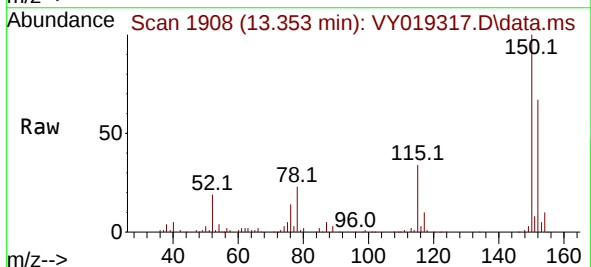
Instrument :
MSVOA_Y
ClientSampleId :
916-J-SD-0.5-1-081624

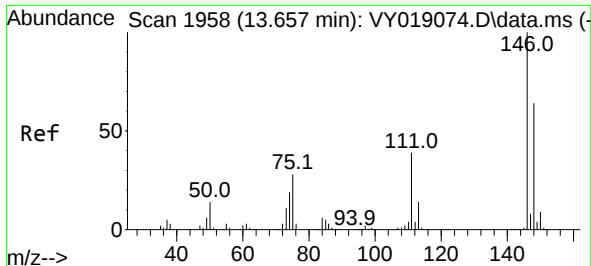
Tgt Ion:117 Resp: 135742
Ion Ratio Lower Upper
117 100
82 48.9 42.4 63.6
119 32.7 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY019317.D
Acq: 28 Aug 2024 06:14

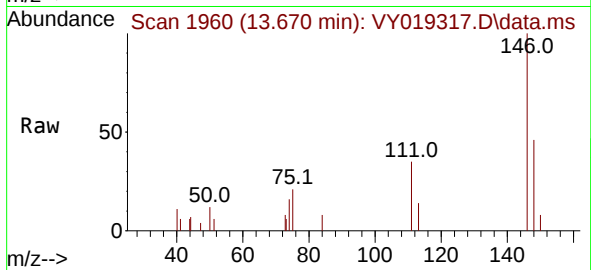
Tgt Ion:152 Resp: 41721
Ion Ratio Lower Upper
152 100
115 54.9 28.2 84.7
150 157.2 0.0 345.6





#91
 1,2-Dichlorobenzene
 Concen: 1.444 ug/l
 RT: 13.670 min Scan# 1958
 Delta R.T. 0.013 min
 Lab File: VY019317.D
 Acq: 28 Aug 2024 06:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 916-J-SD-0.5-1-081624



Tgt Ion:	146	Resp:	1924
Ion	Ratio	Lower	Upper
146	100		
111	41.2	19.9	59.7
148	63.4	31.8	95.4

