

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082724\
 Data File : VY019316.D
 Acq On : 28 Aug 2024 05:49
 Operator : SY/MD
 Sample : P3663-07
 Misc : 6.63g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 48 Sample Multiplier: 1

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

Quant Time: Aug 28 08:21:41 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)

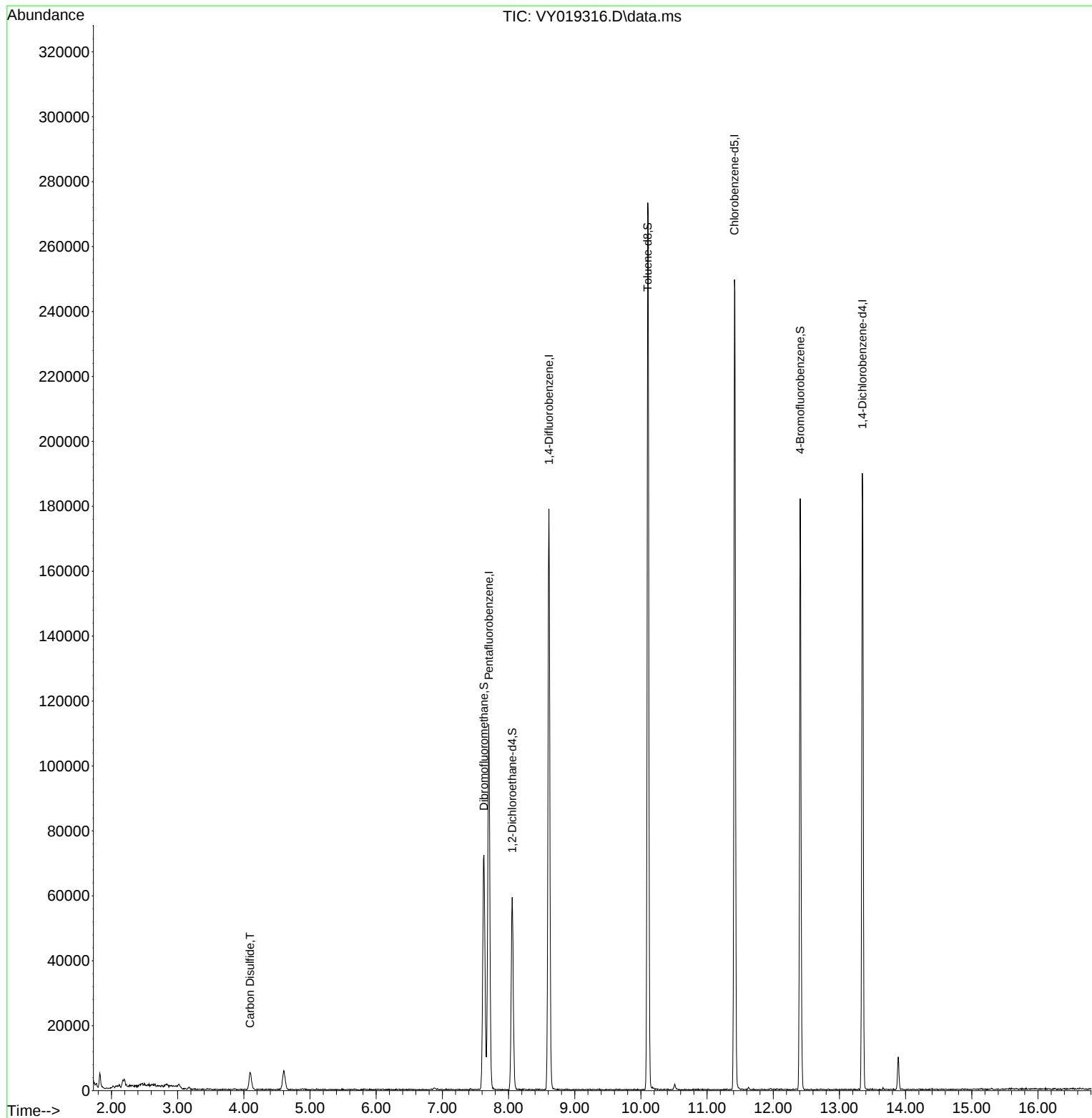
Internal Standards						
1) Pentafluorobenzene	7.701	168	87474	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	160232	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	140131	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	50293	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	44545	50.801	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.600%
35) Dibromofluoromethane	7.628	113	50708	48.400	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.800%
50) Toluene-d8	10.103	98	178488	47.341	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.680%
62) 4-Bromofluorobenzene	12.408	95	51771	40.280	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	80.560%
Target Compounds						
17) Carbon Disulfide	4.092	76	10747	4.367	ug/l	Qvalue # 91

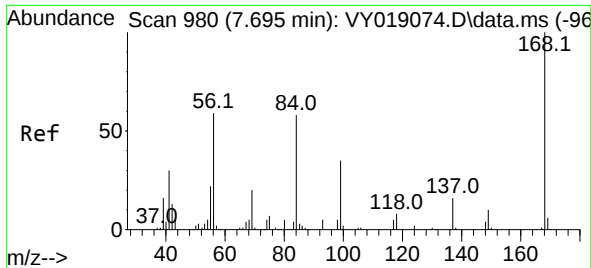
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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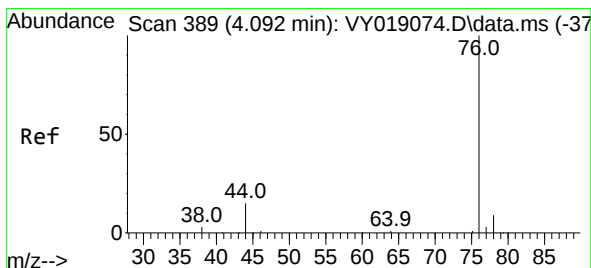
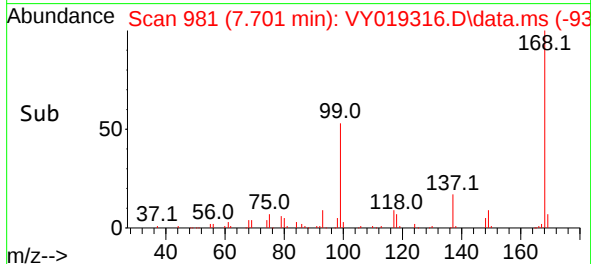
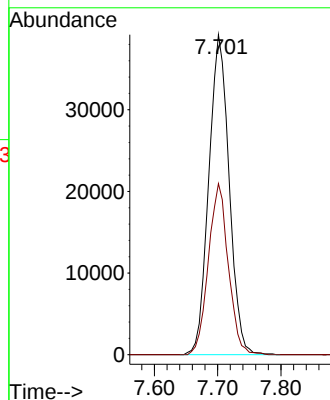
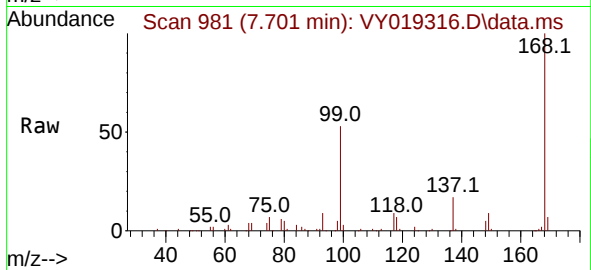




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY019316.D
Acq: 28 Aug 2024 05:49

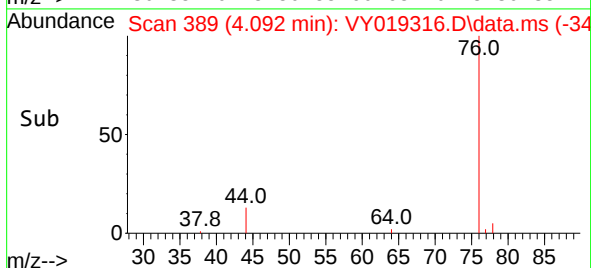
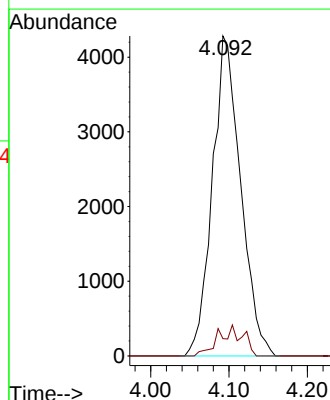
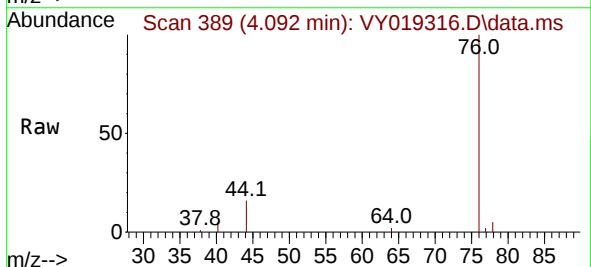
Instrument :
MSVOA_Y
ClientSampleId :
916-J-SD-0-0.5-081624

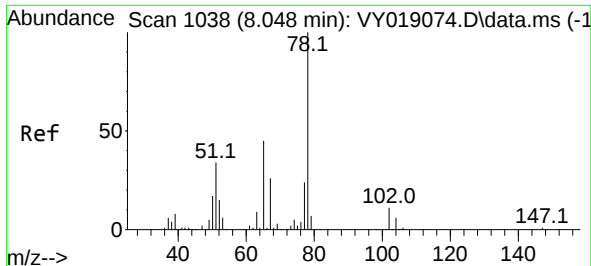
Tgt Ion:168 Resp: 87474
Ion Ratio Lower Upper
168 100
99 53.4 39.1 58.7



#17
Carbon Disulfide
Concen: 4.367 ug/l
RT: 4.092 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY019316.D
Acq: 28 Aug 2024 05:49

Tgt Ion: 76 Resp: 10747
Ion Ratio Lower Upper
76 100
78 5.4 6.8 10.2#





#33

1,2-Dichloroethane-d4

Concen: 50.801 ug/l

RT: 8.055 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019316.D

Acq: 28 Aug 2024 05:49

Instrument :

MSVOA_Y

ClientSampleId :

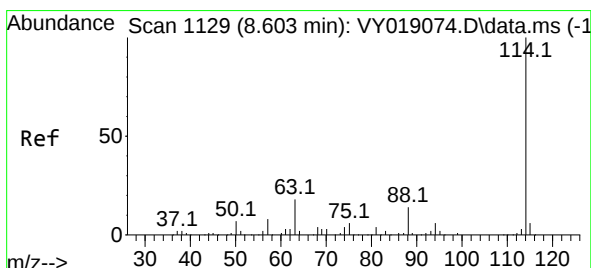
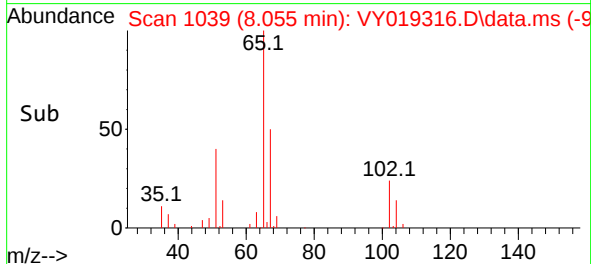
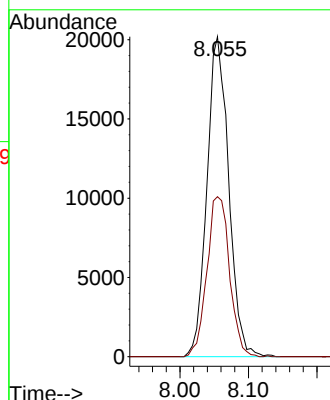
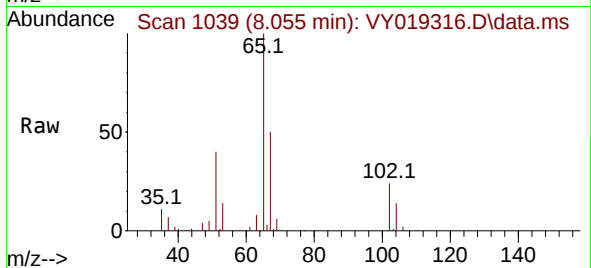
916-J-SD-0-0.5-081624

Tgt Ion: 65 Resp: 44545

Ion Ratio Lower Upper

65 100

67 52.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019316.D

Acq: 28 Aug 2024 05:49

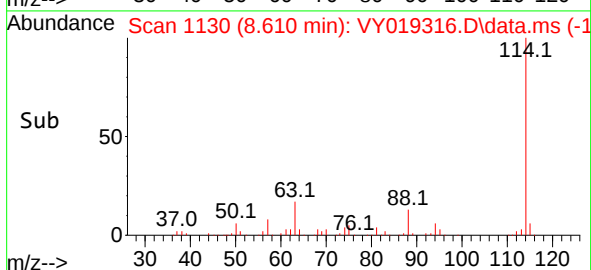
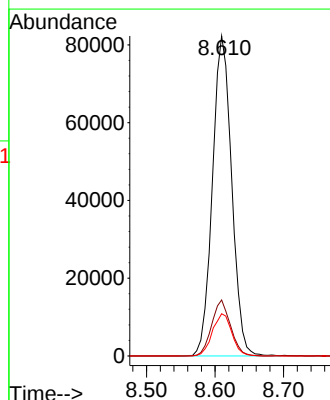
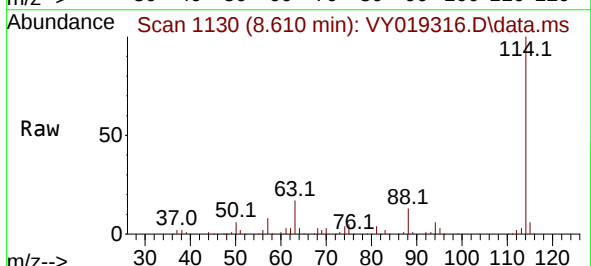
Tgt Ion: 114 Resp: 160232

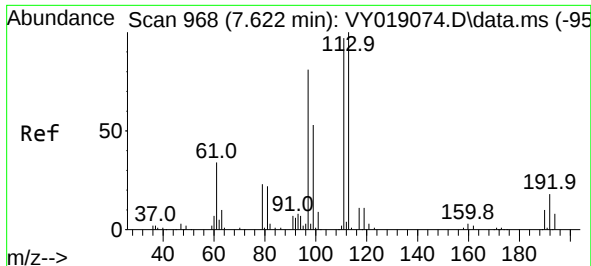
Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.0

88 13.2 0.0 27.2

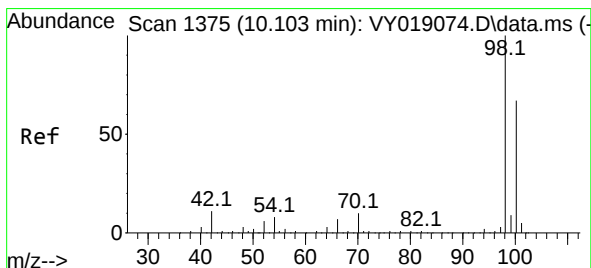
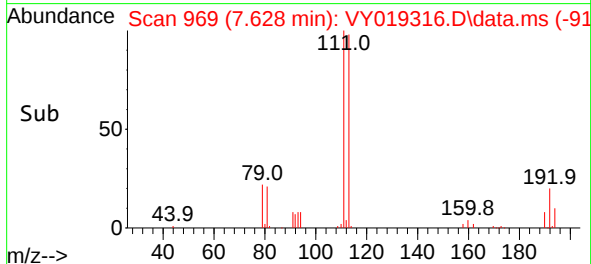
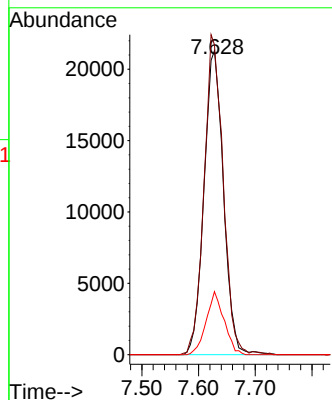
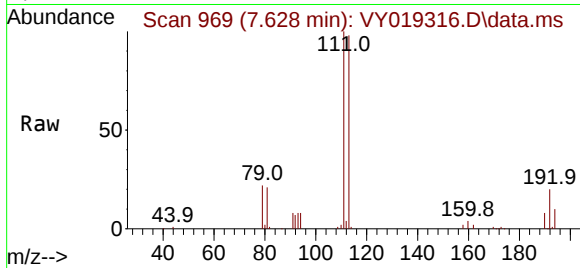




#35
Dibromofluoromethane
Concen: 48.400 ug/l
RT: 7.628 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019316.D
Acq: 28 Aug 2024 05:49

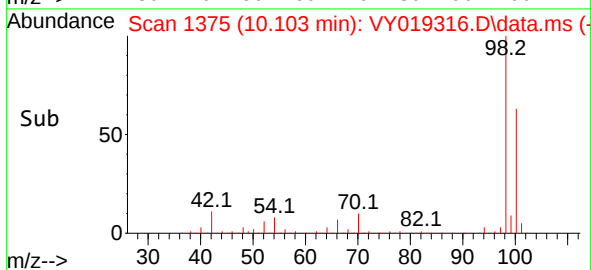
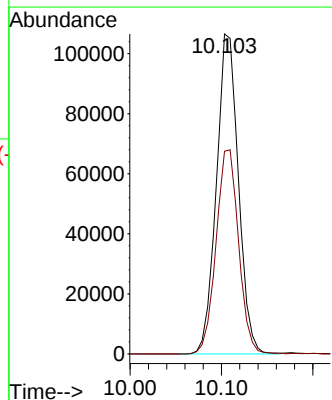
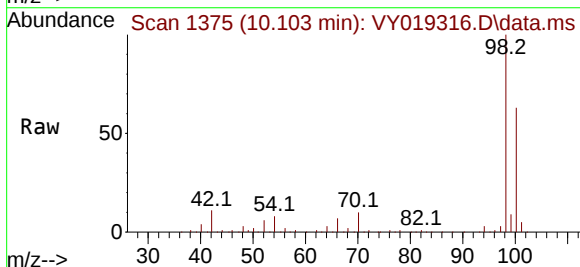
Instrument :
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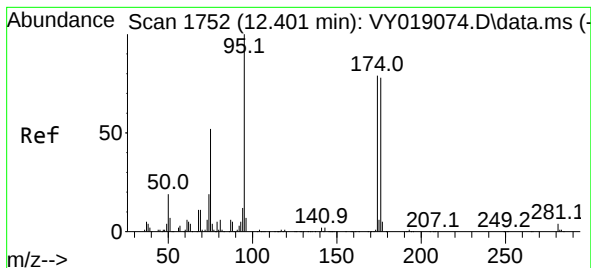
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.2	123.4
192	19.2	15.9	23.9



#50
Toluene-d8
Concen: 47.341 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019316.D
Acq: 28 Aug 2024 05:49

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.0	78.0





#62

4-Bromofluorobenzene

Concen: 40.280 ug/l

RT: 12.408 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019316.D

Acq: 28 Aug 2024 05:49

Instrument :

MSVOA_Y

ClientSampleId :

916-J-SD-0-0.5-081624

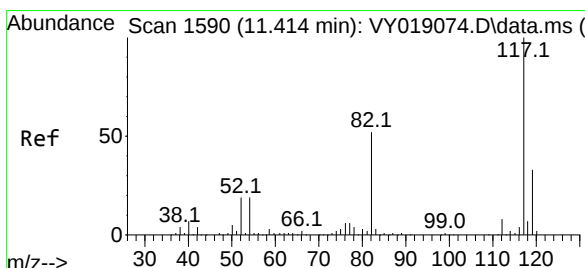
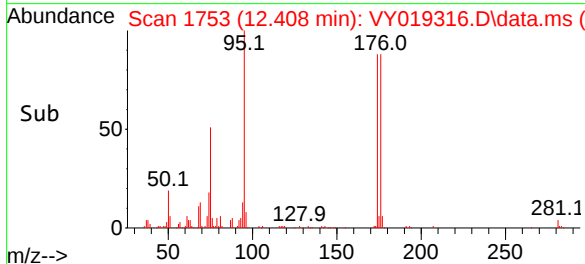
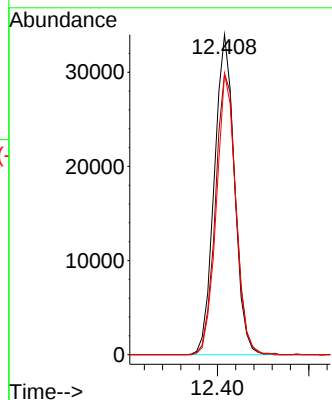
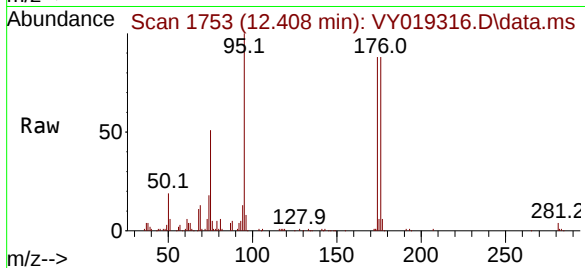
Tgt Ion: 95 Resp: 51771

Ion Ratio Lower Upper

95 100

174 89.8 0.0 175.6

176 85.0 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: VY019316.D

Acq: 28 Aug 2024 05:49

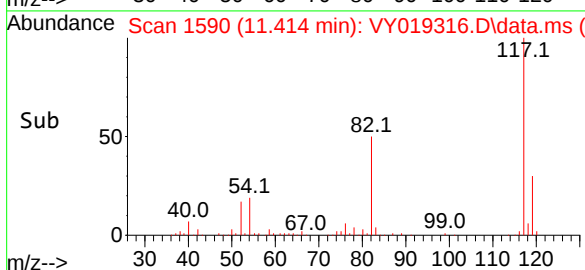
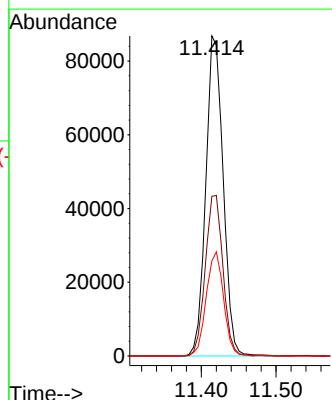
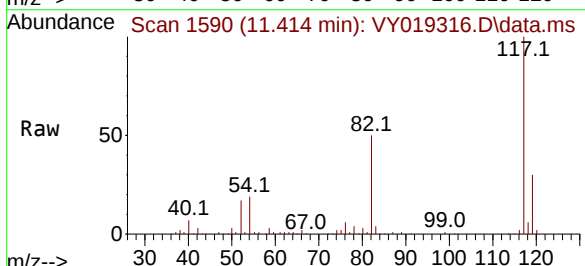
Tgt Ion: 117 Resp: 140131

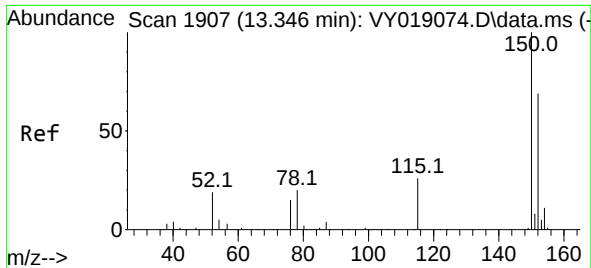
Ion Ratio Lower Upper

117 100

82 49.9 42.4 63.6

119 29.7 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: VY019316.D

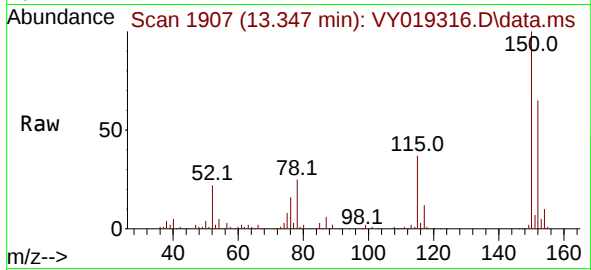
Acq: 28 Aug 2024 05:49

Instrument :

MSVOA_Y

ClientSampleId :

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Tgt Ion:152 Resp: 50293

Ion Ratio Lower Upper

152 100

115 56.0 28.2 84.7

150 156.3 0.0 345.6

