

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081924\
 Data File : VY019131.D
 Acq On : 19 Aug 2024 21:05
 Operator : SY/MD
 Sample : P3641-07
 Misc : 6.60g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-910-K1-0-0.5-081524

Quant Time: Aug 20 01:51:33 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)

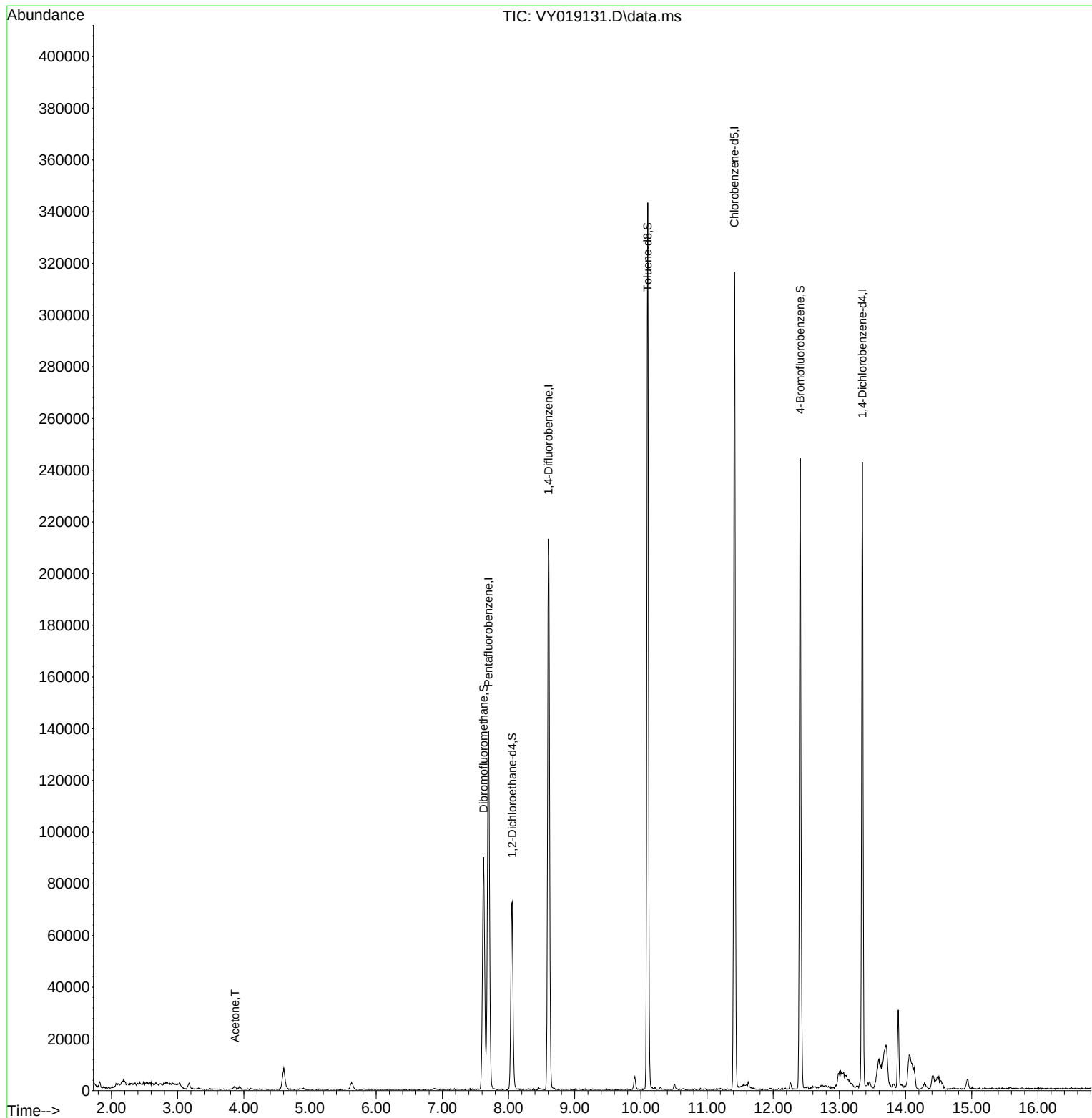
Internal Standards						
1) Pentafluorobenzene	7.695	168	107602	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	189502	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	169718	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	59138	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	57896	53.676	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.360%
35) Dibromofluoromethane	7.622	113	62429	50.383	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.760%
50) Toluene-d8	10.103	98	215482	48.325	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.660%
62) 4-Bromofluorobenzene	12.408	95	65199	42.892	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	85.780%
Target Compounds						
16) Acetone	3.867	43	1842	9.208	ug/l	Qvalue # 71

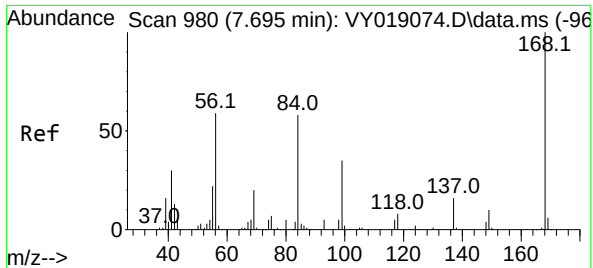
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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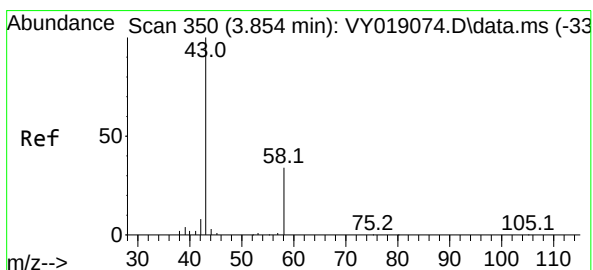
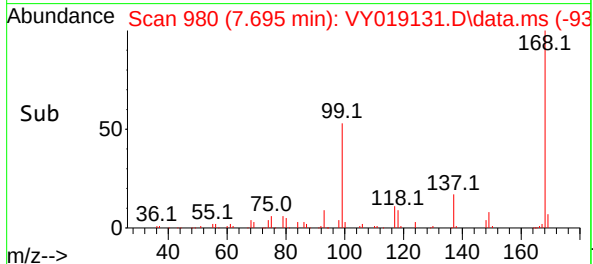
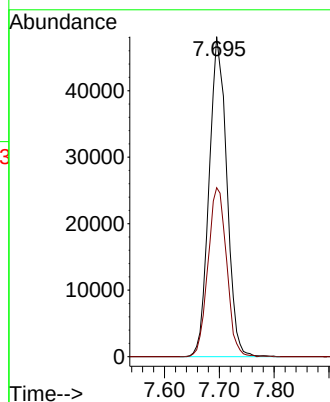
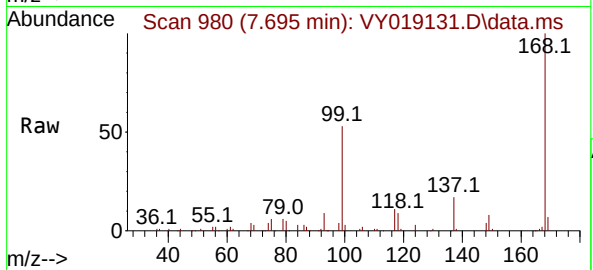




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019131.D
Acq: 19 Aug 2024 21:05

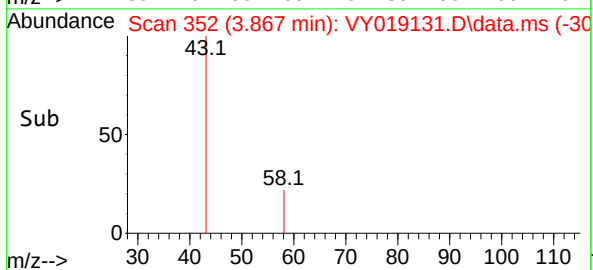
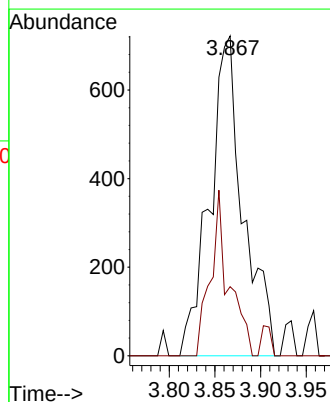
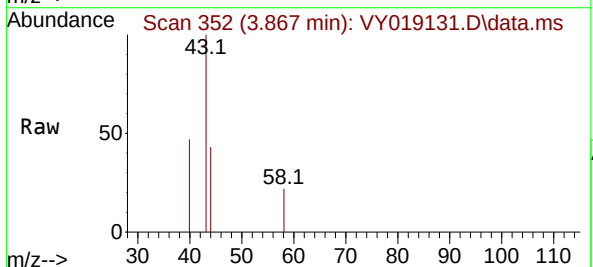
Instrument :
MSVOA_Y
ClientSampleId :
S-910-K1-0-0.5-081524

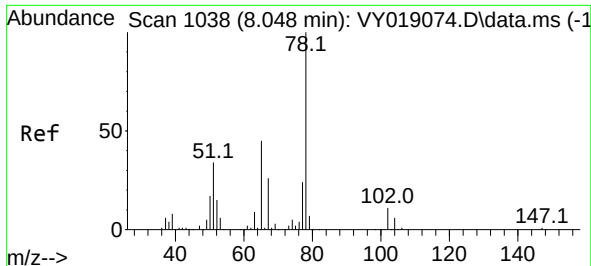
Tgt Ion:168 Resp: 107602
Ion Ratio Lower Upper
168 100
99 52.8 39.1 58.7



#16
Acetone
Concen: 9.208 ug/l
RT: 3.867 min Scan# 352
Delta R.T. 0.013 min
Lab File: VY019131.D
Acq: 19 Aug 2024 21:05

Tgt Ion: 43 Resp: 1842
Ion Ratio Lower Upper
43 100
58 21.6 31.7 47.5#





#33

1,2-Dichloroethane-d4

Concen: 53.676 ug/l

RT: 8.055 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VY019131.D

Acq: 19 Aug 2024 21:05

Instrument :

MSVOA_Y

ClientSampleId :

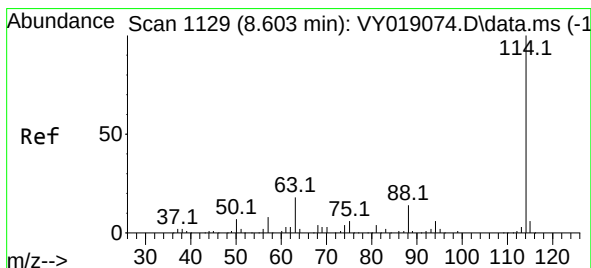
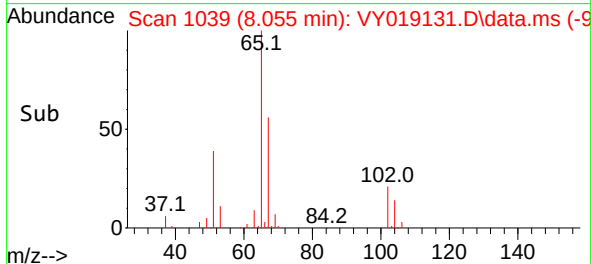
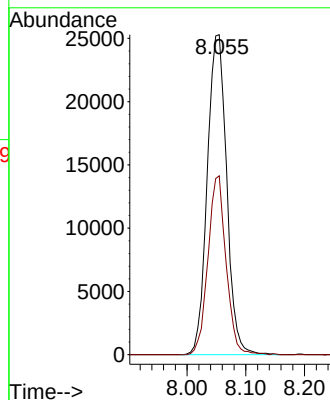
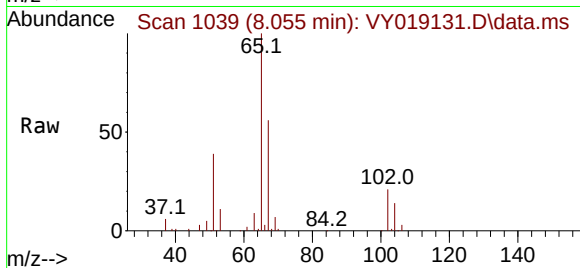
S-910-K1-0-0.5-081524

Tgt Ion: 65 Resp: 57896

Ion Ratio Lower Upper

65 100

67 52.3 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.603 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY019131.D

Acq: 19 Aug 2024 21:05

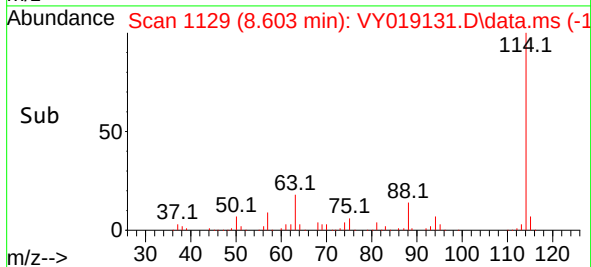
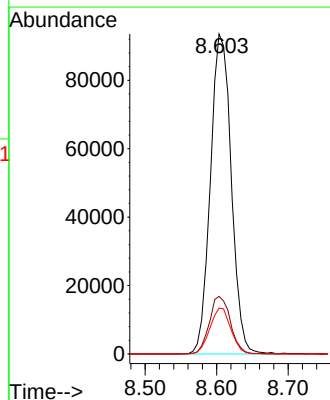
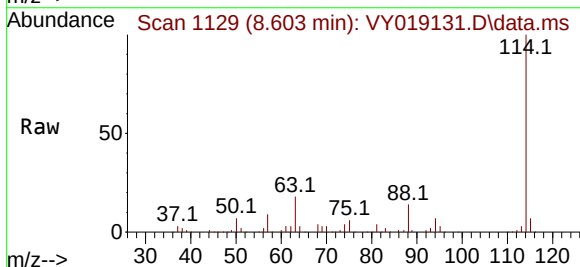
Tgt Ion: 114 Resp: 189502

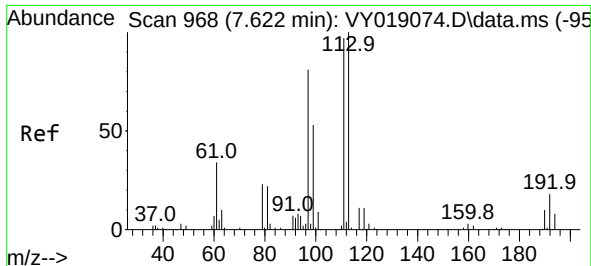
Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.0

88 14.4 0.0 27.2

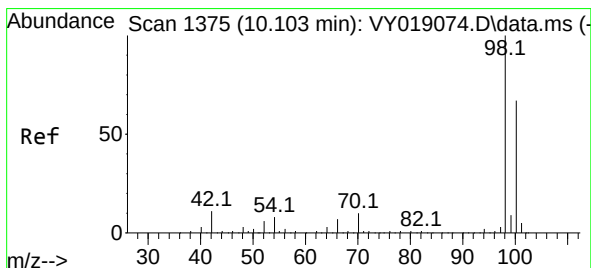
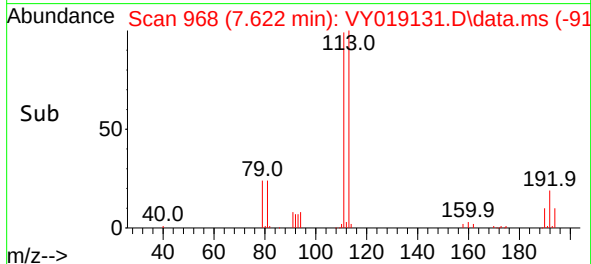
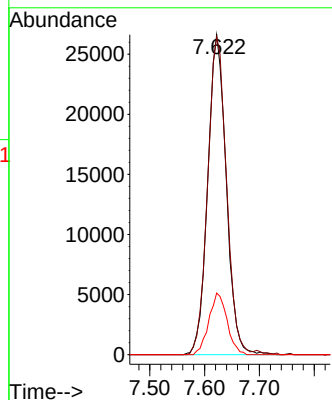
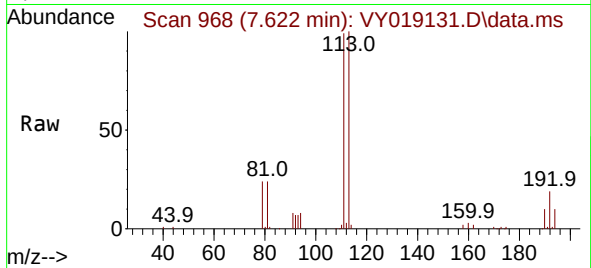




#35
Dibromofluoromethane
Concen: 50.383 ug/l
RT: 7.622 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019131.D
Acq: 19 Aug 2024 21:05

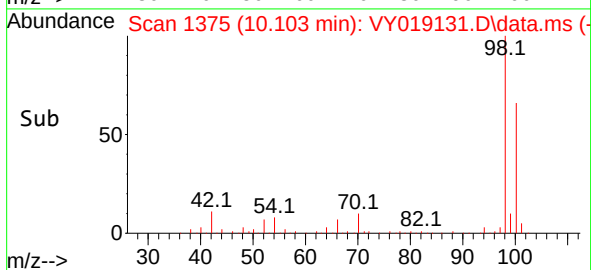
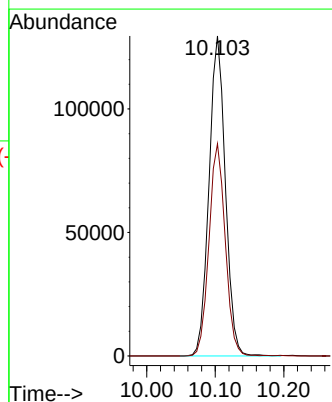
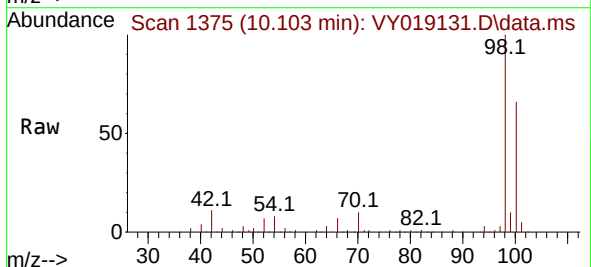
Instrument :
MSVOA_Y
ClientSampleId :
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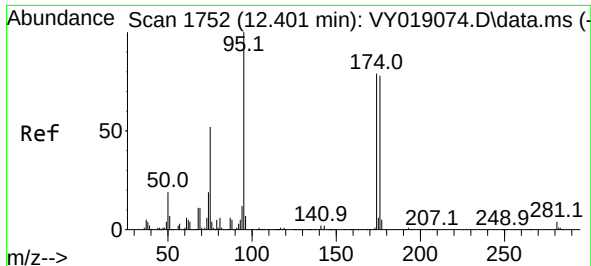
Tgt Ion:113 Resp: 62429
Ion Ratio Lower Upper
113 100
111 100.8 82.2 123.4
192 18.9 15.9 23.9



#50
Toluene-d8
Concen: 48.325 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019131.D
Acq: 19 Aug 2024 21:05

Tgt Ion: 98 Resp: 215482
Ion Ratio Lower Upper
98 100
100 65.9 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 42.892 ug/l

RT: 12.408 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019131.D

Acq: 19 Aug 2024 21:05

Instrument :

MSVOA_Y

ClientSampleId :

S-910-K1-0-0.5-081524

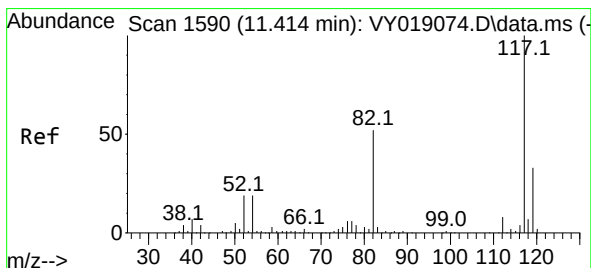
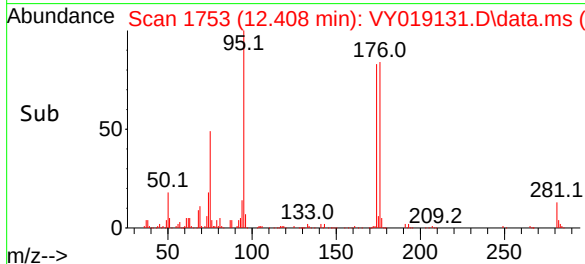
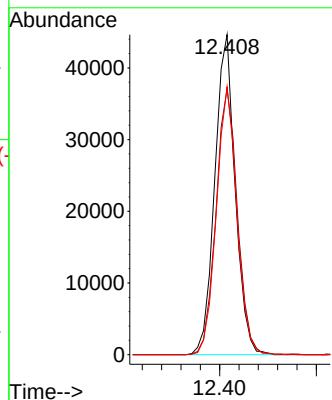
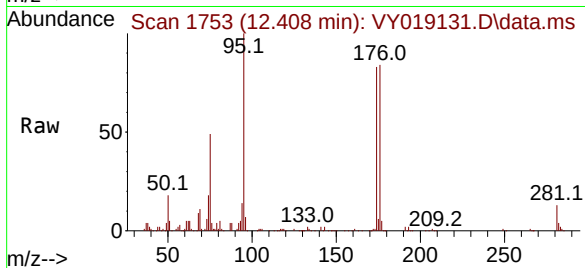
Tgt Ion: 95 Resp: 65199

Ion Ratio Lower Upper

95 100

174 87.3 0.0 175.6

176 84.1 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: VY019131.D

Acq: 19 Aug 2024 21:05

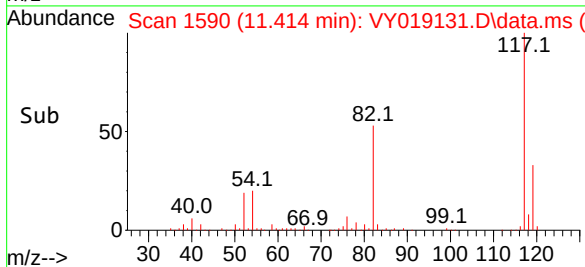
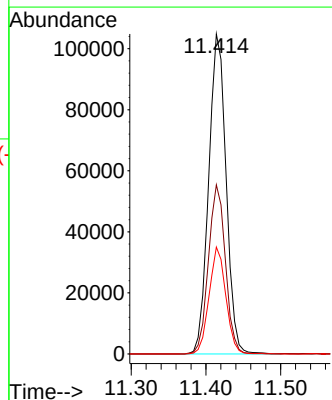
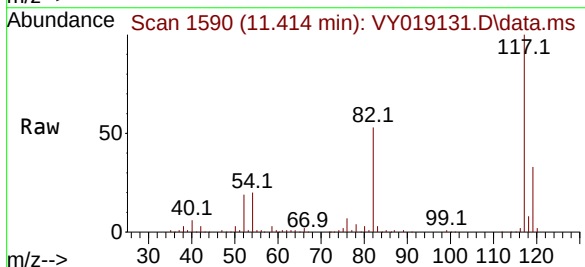
Tgt Ion: 117 Resp: 169718

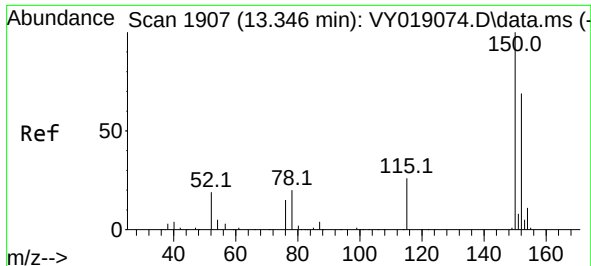
Ion Ratio Lower Upper

117 100

82 52.8 42.4 63.6

119 33.4 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: VY019131.D

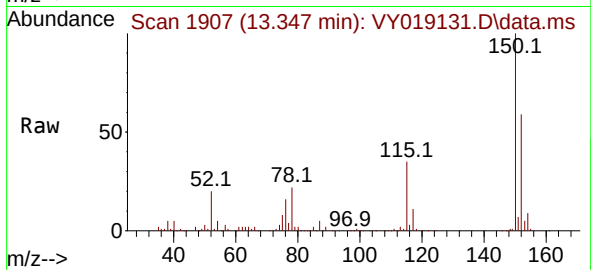
Acq: 19 Aug 2024 21:05

Instrument :

MSVOA_Y

ClientSampleId :

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Tgt Ion:152 Resp: 59138

Ion Ratio Lower Upper

152 100

115 59.2 28.2 84.7

150 158.4 0.0 345.6

