

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082224\
 Data File : VY019219.D
 Acq On : 22 Aug 2024 14:44
 Operator : SY/MD
 Sample : P3704-02
 Misc : 5.17g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LNG-Soil Pile

Quant Time: Aug 23 01:53:08 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)

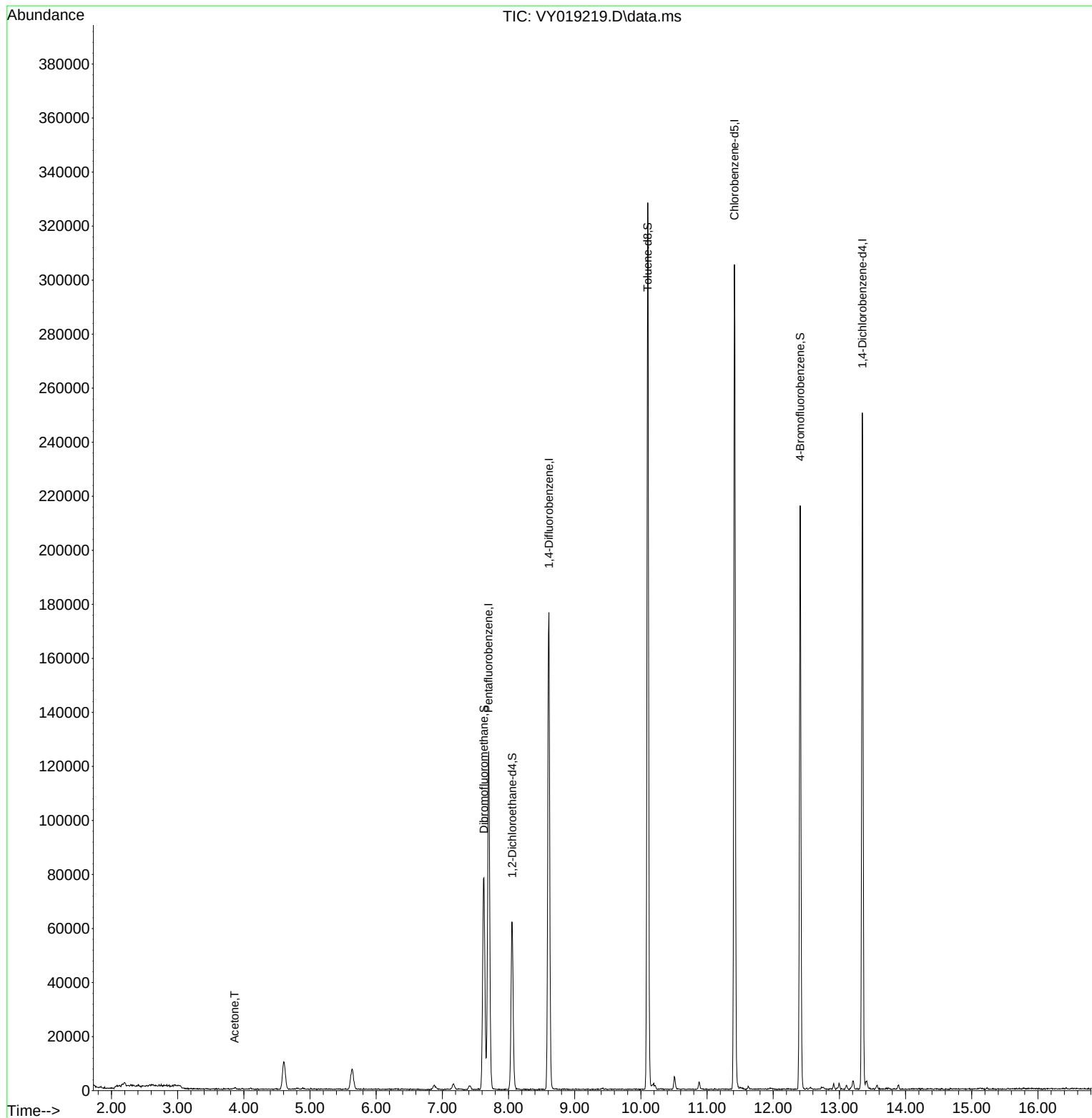
Internal Standards						
1) Pentafluorobenzene	7.695	168	98026	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	157232	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	163066	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	61866	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	49555	50.431	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.860%	
35) Dibromofluoromethane	7.628	113	56118	54.585	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.180%	
50) Toluene-d8	10.103	98	204254	55.208	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.420%	
62) 4-Bromofluorobenzene	12.407	95	62540	49.587	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 99.180%	
Target Compounds						
16) Acetone	3.860	43	662	3.633	ug/l	Qvalue 94

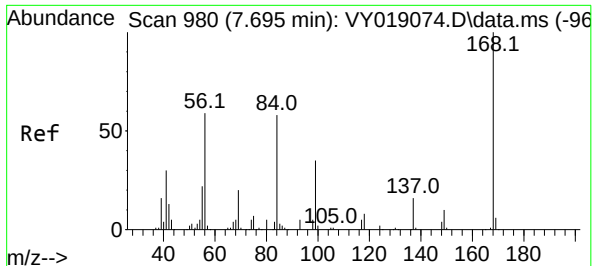
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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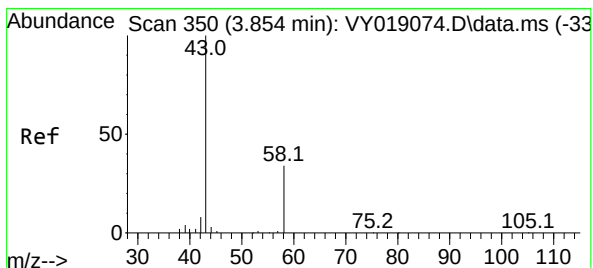
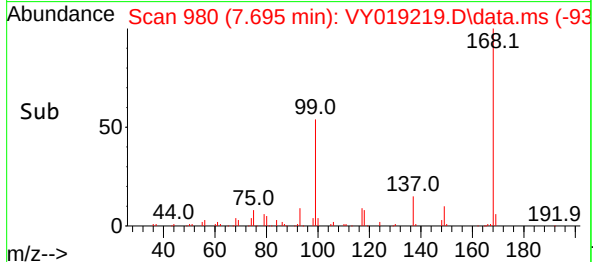
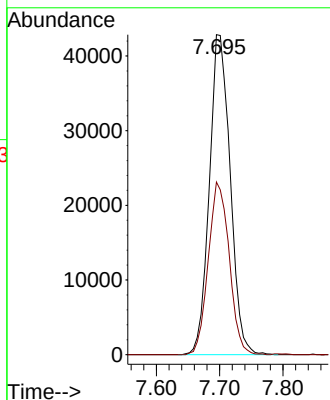
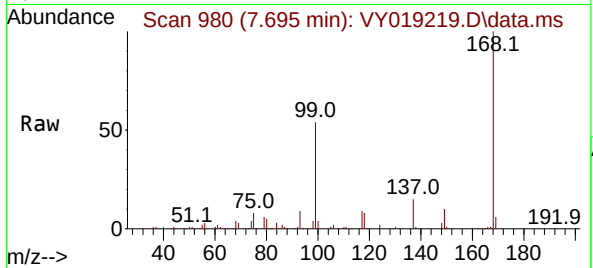




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019219.D
Acq: 22 Aug 2024 14:44

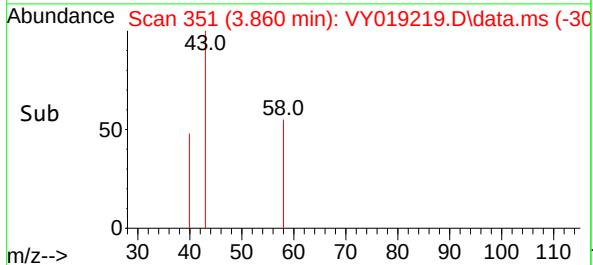
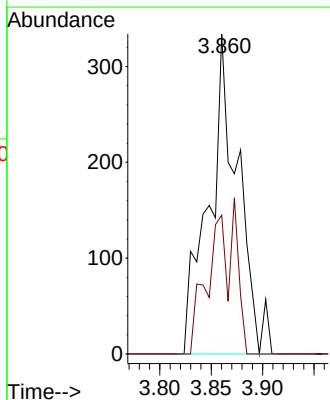
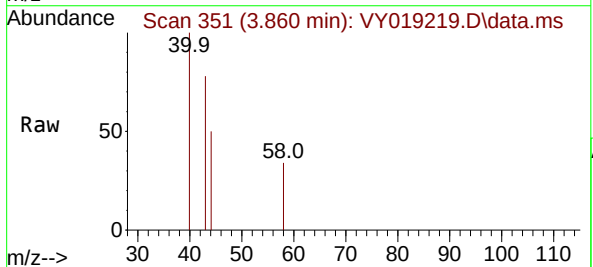
Instrument :
MSVOA_Y
ClientSampleId :
LNG-Soil Pile

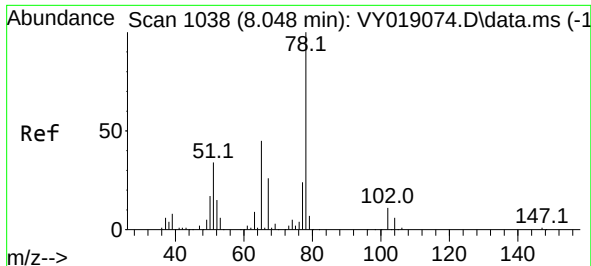
Tgt Ion:168 Resp: 98026
Ion Ratio Lower Upper
168 100
99 53.9 39.1 58.7



#16
Acetone
Concen: 3.633 ug/l
RT: 3.860 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY019219.D
Acq: 22 Aug 2024 14:44

Tgt Ion: 43 Resp: 662
Ion Ratio Lower Upper
43 100
58 43.4 31.7 47.5





#33

1,2-Dichloroethane-d4

Concen: 50.431 ug/l

RT: 8.055 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY019219.D

Acq: 22 Aug 2024 14:44

Instrument :

MSVOA_Y

ClientSampleId :

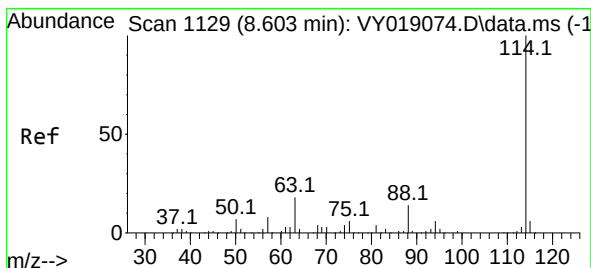
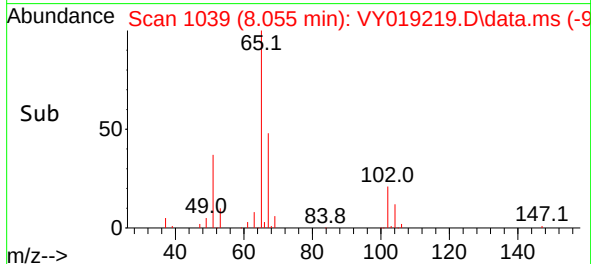
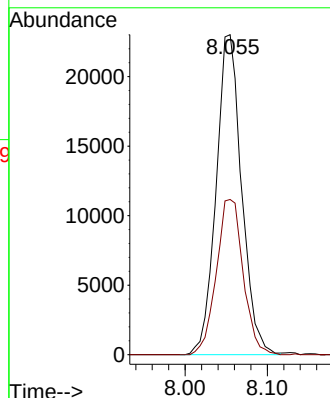
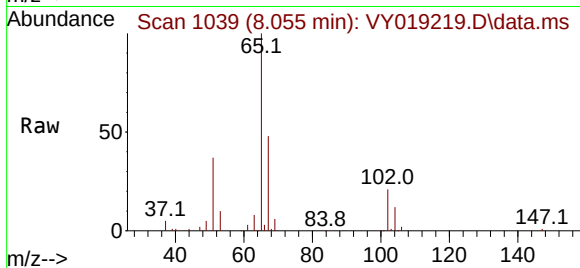
LNG-Soil Pile

Tgt Ion: 65 Resp: 49555

Ion Ratio Lower Upper

65 100

67 51.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019219.D

Acq: 22 Aug 2024 14:44

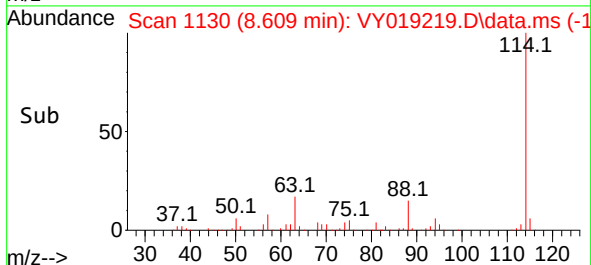
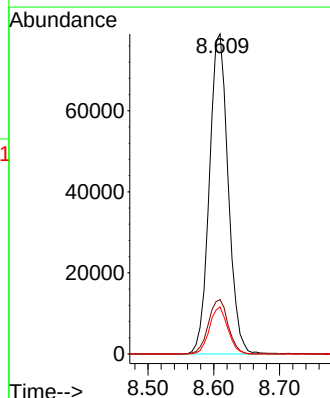
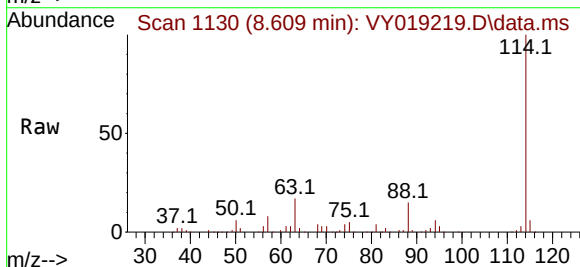
Tgt Ion: 114 Resp: 157232

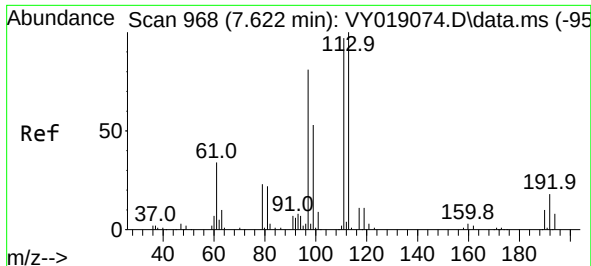
Ion Ratio Lower Upper

114 100

63 17.0 0.0 35.0

88 14.7 0.0 27.2

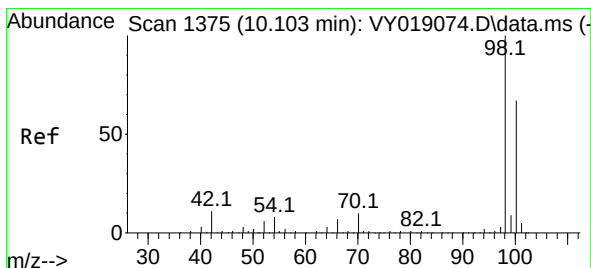
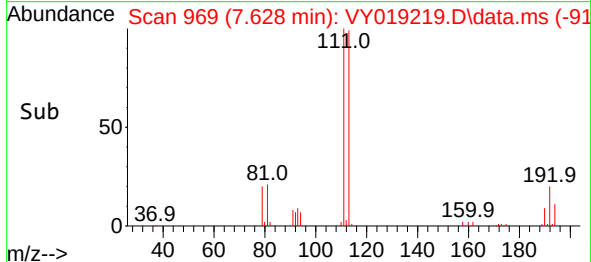
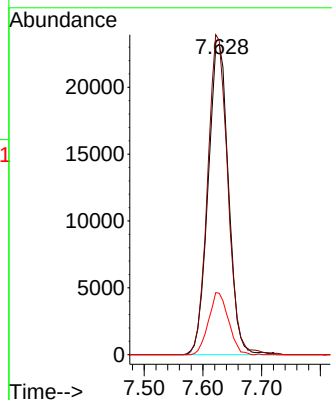
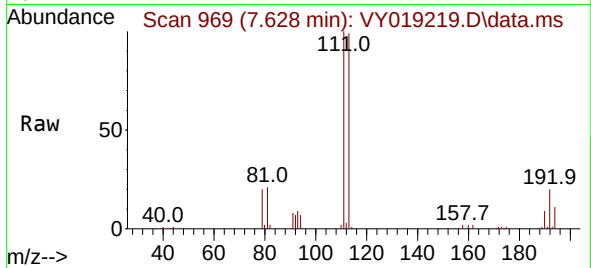




#35
Dibromofluoromethane
Concen: 54.585 ug/l
RT: 7.628 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY019219.D
Acq: 22 Aug 2024 14:44

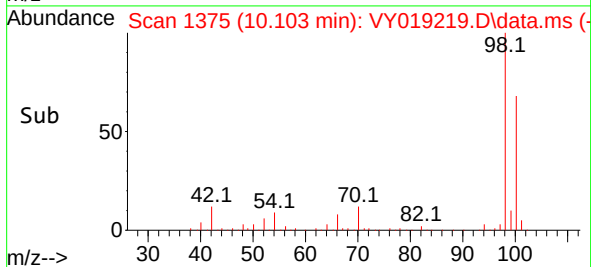
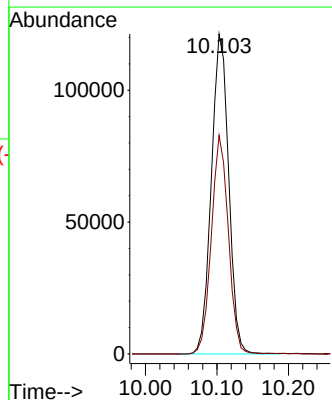
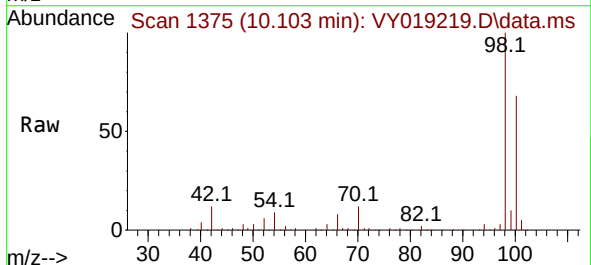
Instrument :
MSVOA_Y
ClientSampleId :
LNG-Soil Pile

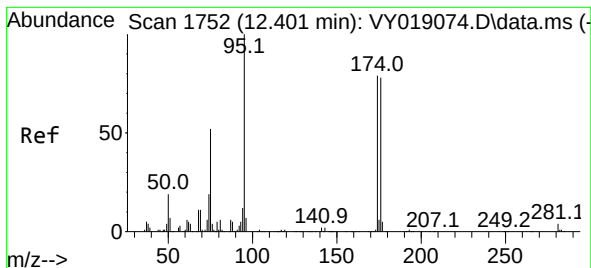
Tgt Ion:113 Resp: 56118
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.4
192 19.5 15.9 23.9



#50
Toluene-d8
Concen: 55.208 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019219.D
Acq: 22 Aug 2024 14:44

Tgt Ion: 98 Resp: 204254
Ion Ratio Lower Upper
98 100
100 66.9 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 49.587 ug/l

RT: 12.407 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019219.D

Acq: 22 Aug 2024 14:44

Instrument :

MSVOA_Y

ClientSampleId :

LNG-Soil Pile

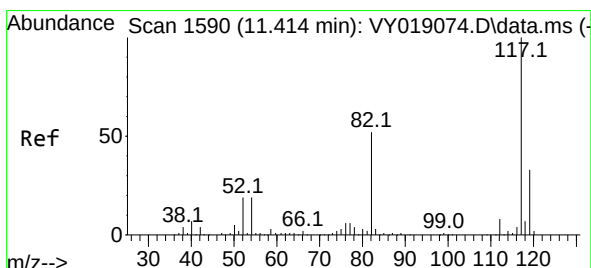
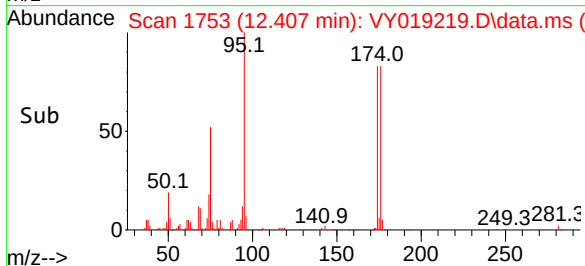
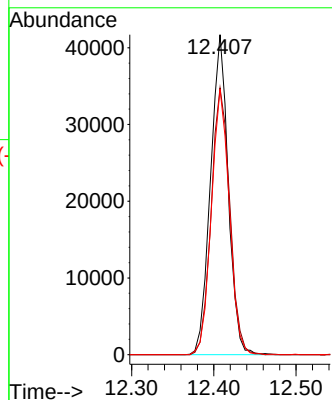
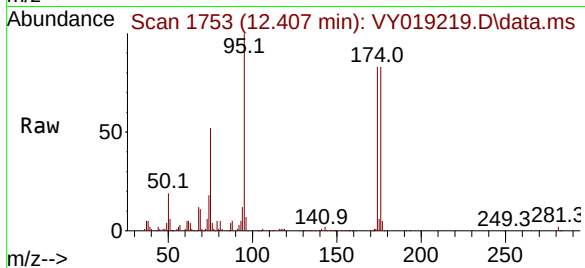
Tgt Ion: 95 Resp: 62540

Ion Ratio Lower Upper

95 100

174 87.7 0.0 175.6

176 84.2 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: VY019219.D

Acq: 22 Aug 2024 14:44

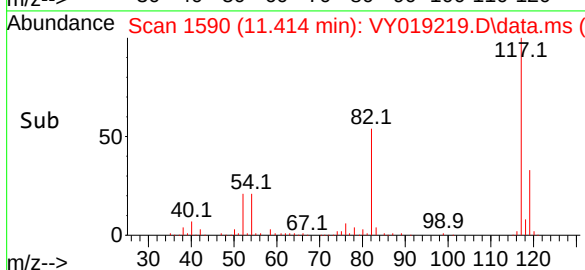
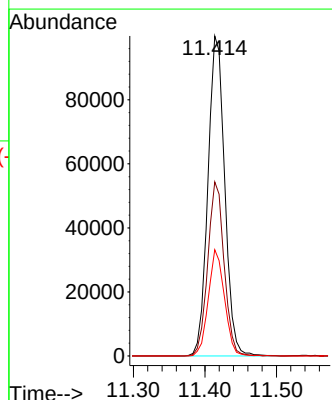
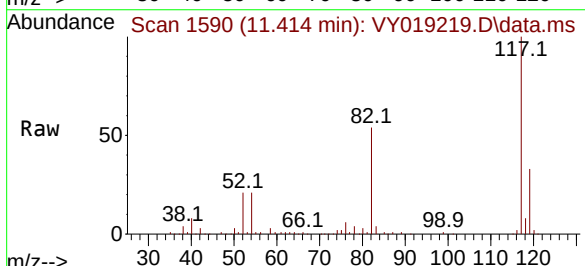
Tgt Ion: 117 Resp: 163066

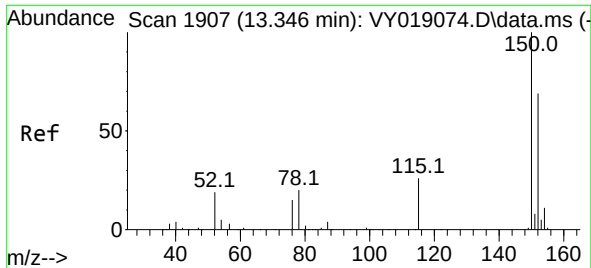
Ion Ratio Lower Upper

117 100

82 54.4 42.4 63.6

119 33.2 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019219.D

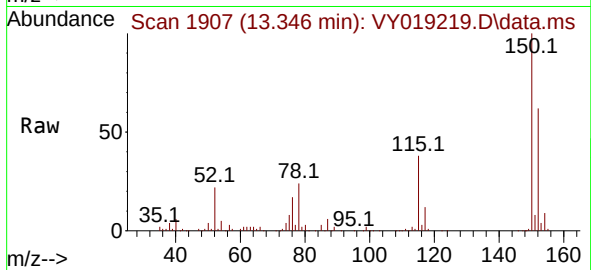
Acq: 22 Aug 2024 14:44

Instrument :

MSVOA_Y

ClientSampleId :

LNG-Soil Pile



Tgt Ion:152 Resp: 61866

Ion Ratio Lower Upper

152 100

115 58.5 28.2 84.7

150 157.2 0.0 345.6

