

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102822\
 Data File : VY011166.D
 Acq On : 28 Oct 2022 18:49
 Operator : KP/MD
 Sample : N5273-01
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LIDEN-GAS-PIPELINE

Quant Time: Oct 28 23:47:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 28 23:42:14 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

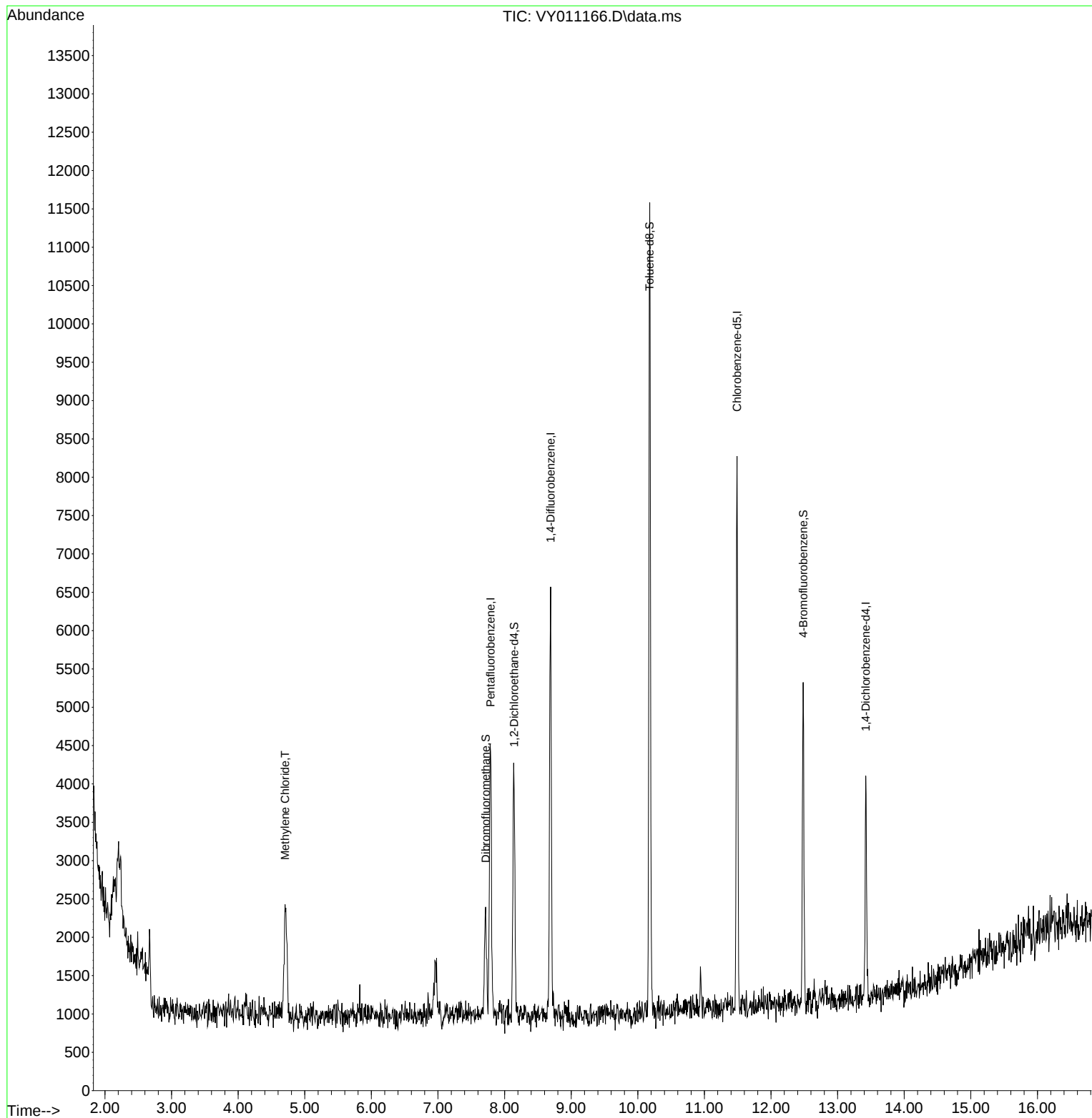
Internal Standards						
1) Pentafluorobenzene	7.789	168	3288	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	5335	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	4244	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	992	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	2674	78.651	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	157.300%
35) Dibromofluoromethane	7.716	113	1190	36.271	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	72.540%
50) Toluene-d8	10.179	98	7664	58.965	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	117.920%
62) 4-Bromofluorobenzene	12.483	95	1477	34.729	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	69.460%
Target Compounds						
20) Methylene Chloride	4.704	84	1269	34.924	ug/l	Qvalue # 69

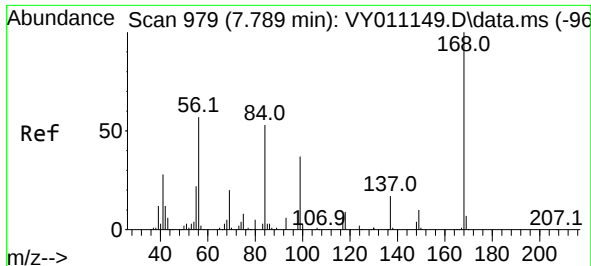
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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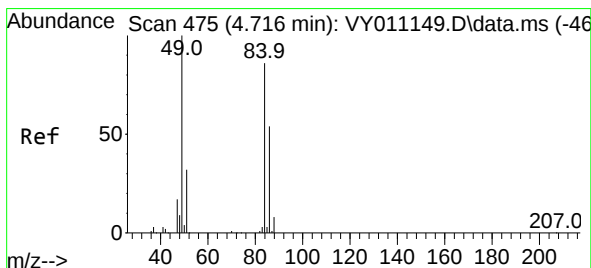
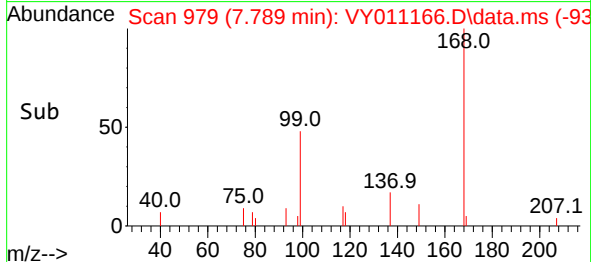
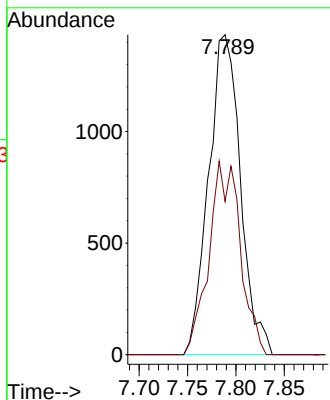
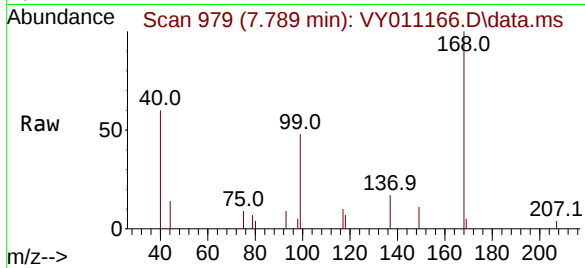




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011166.D
Acq: 28 Oct 2022 18:49

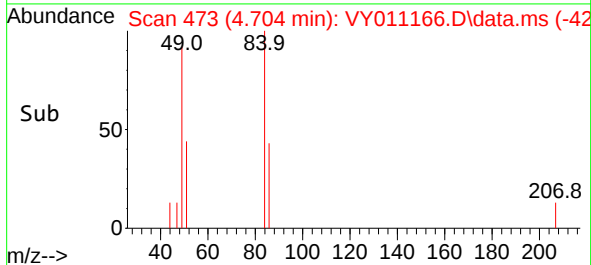
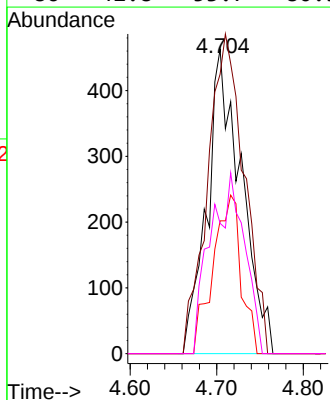
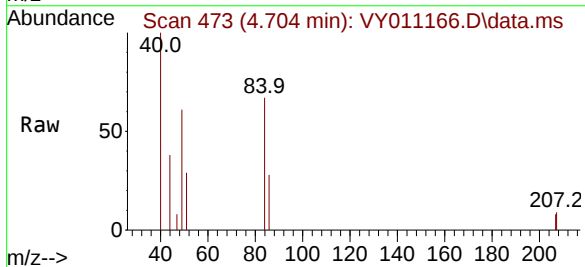
Instrument :
MSVOA_Y
ClientSampleId :
LIDEN-GAS-PIPELINE

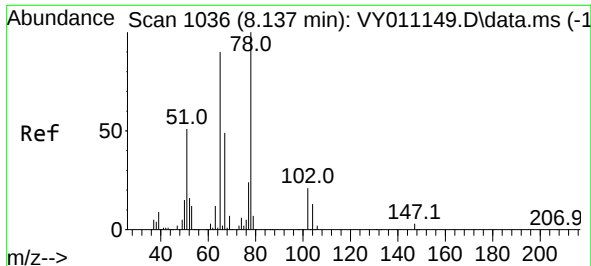
Tgt Ion:168 Resp: 3288
Ion Ratio Lower Upper
168 100
99 47.9 46.9 70.3



#20
Methylene Chloride
Concen: 34.924 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY011166.D
Acq: 28 Oct 2022 18:49

Tgt Ion: 84 Resp: 1269
Ion Ratio Lower Upper
84 100
49 91.8 114.4 171.6#
51 43.6 35.3 52.9
86 42.8 53.7 80.5#





#33

1,2-Dichloroethane-d4

Concen: 78.651 ug/l

RT: 8.142 min Scan# 1036

Delta R.T. 0.005 min

Lab File: VY011166.D

Acq: 28 Oct 2022 18:49

Instrument :

MSVOA_Y

ClientSampleId :

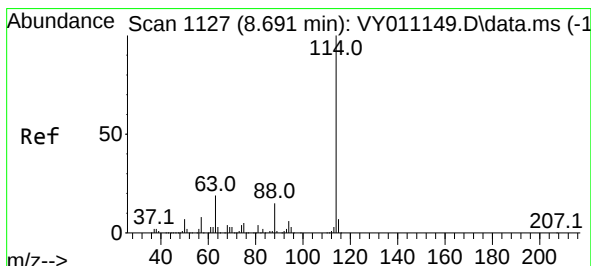
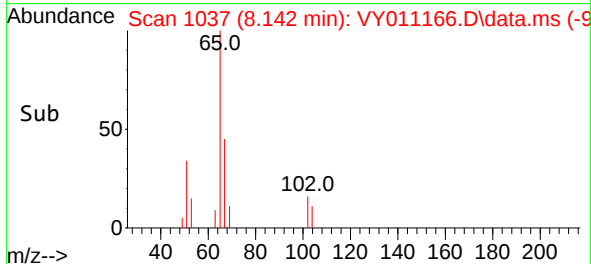
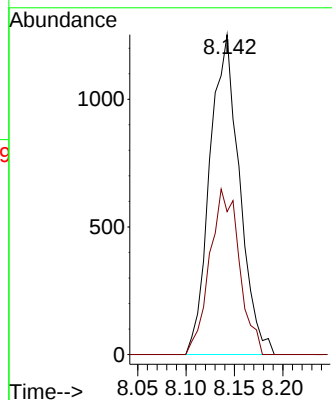
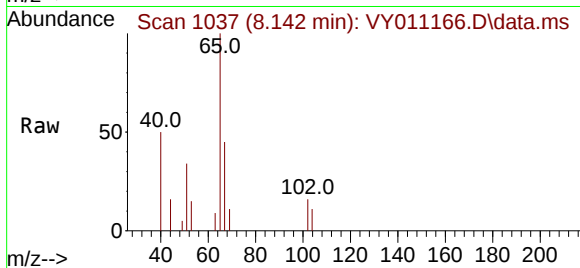
LIDEN-GAS-PIPELINE

Tgt Ion: 65 Resp: 2674

Ion Ratio Lower Upper

65 100

67 51.7 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011166.D

Acq: 28 Oct 2022 18:49

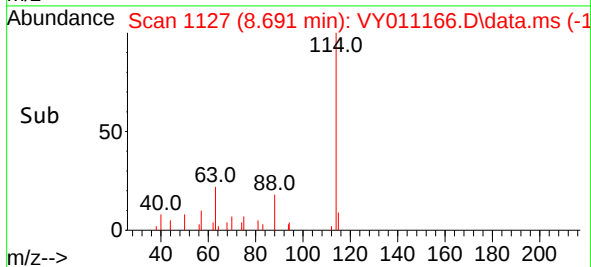
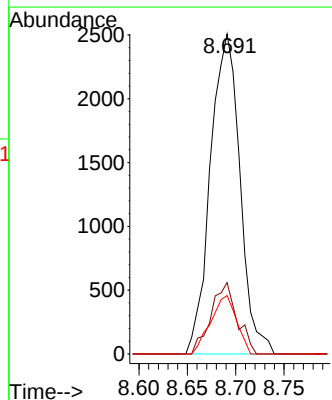
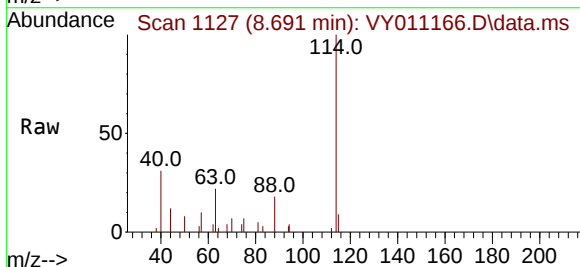
Tgt Ion: 114 Resp: 5335

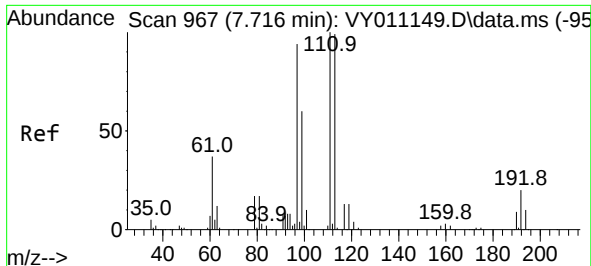
Ion Ratio Lower Upper

114 100

63 22.3 0.0 43.2

88 18.3 0.0 31.8





#35

Dibromofluoromethane

Concen: 36.271 ug/l

RT: 7.716 min Scan# 9

Delta R.T. -0.000 min

Lab File: VY011166.D

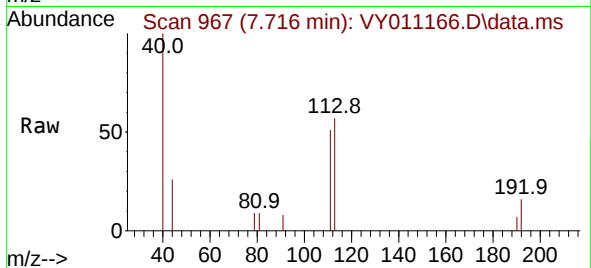
Acq: 28 Oct 2022 18:49

Instrument :

MSVOA_Y

ClientSampleId :

LIDEN-GAS-PIPELINE



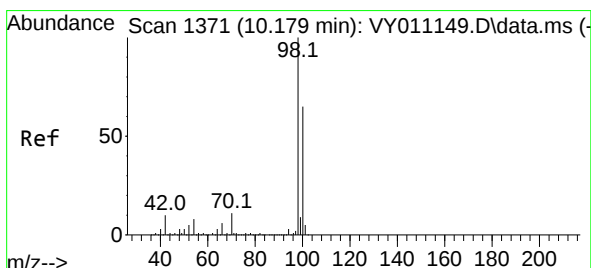
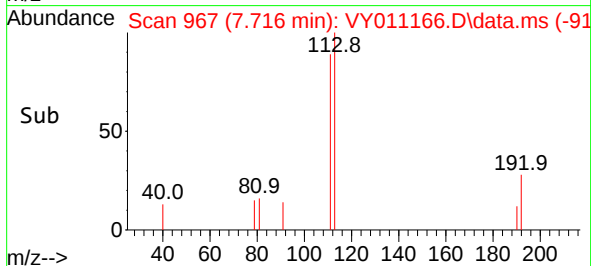
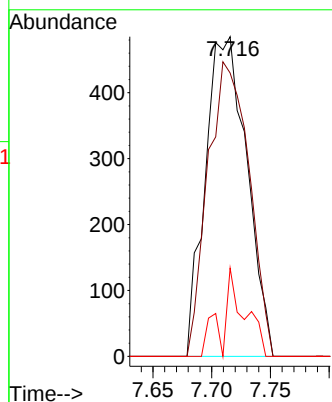
Tgt Ion:113 Resp: 1190

Ion Ratio Lower Upper

113 100

111 91.6 82.6 124.0

192 15.4 17.6 26.4#



#50

Toluene-d8

Concen: 58.965 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY011166.D

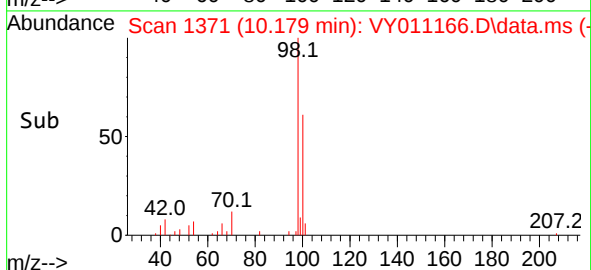
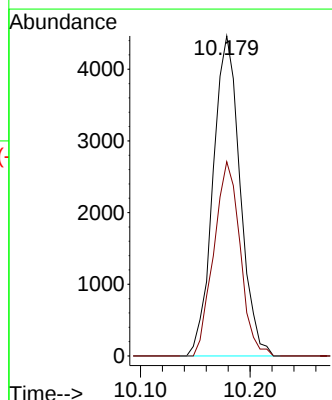
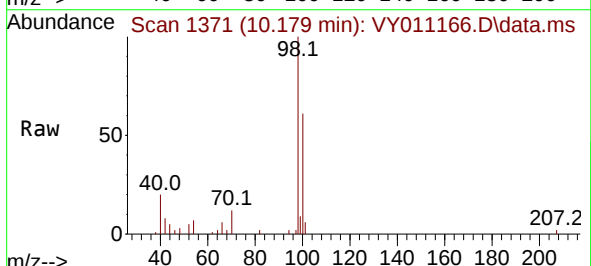
Acq: 28 Oct 2022 18:49

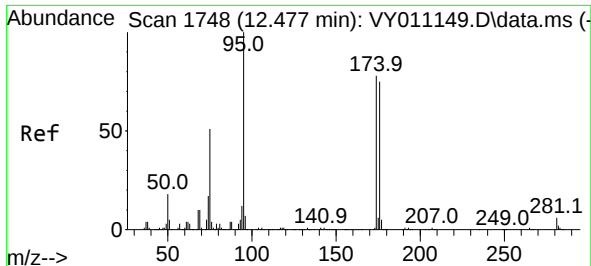
Tgt Ion: 98 Resp: 7664

Ion Ratio Lower Upper

98 100

100 59.0 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 34.729 ug/l

RT: 12.483 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY011166.D

Acq: 28 Oct 2022 18:49

Instrument :

MSVOA_Y

ClientSampleId :

LIDEN-GAS-PIPELINE

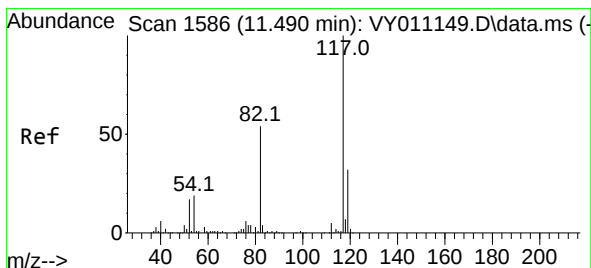
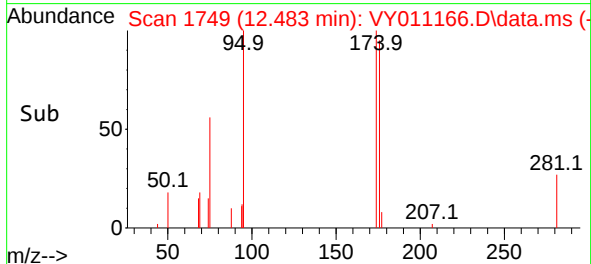
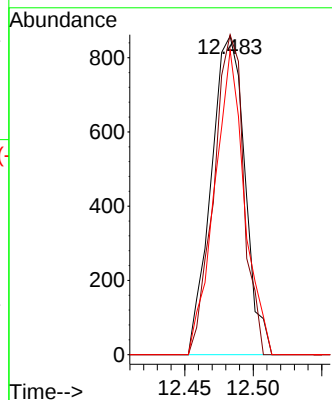
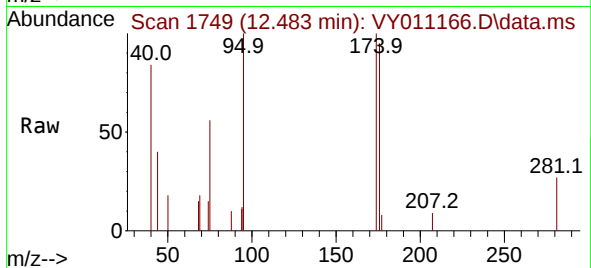
Tgt Ion: 95 Resp: 1477

Ion Ratio Lower Upper

95 100

174 88.5 0.0 177.0

176 84.8 0.0 175.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. -0.001 min

Lab File: VY011166.D

Acq: 28 Oct 2022 18:49

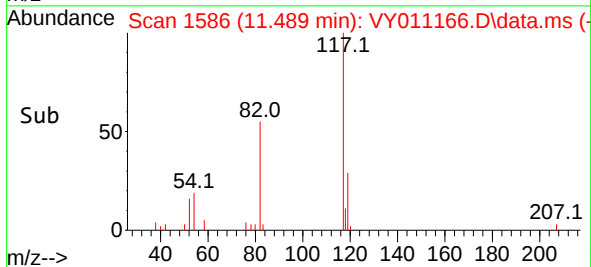
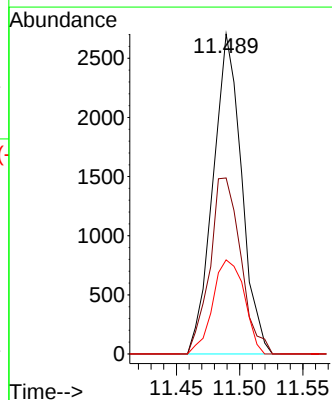
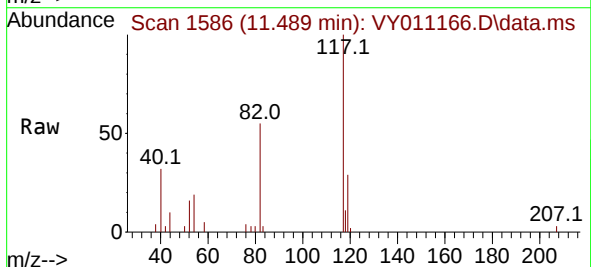
Tgt Ion: 117 Resp: 4244

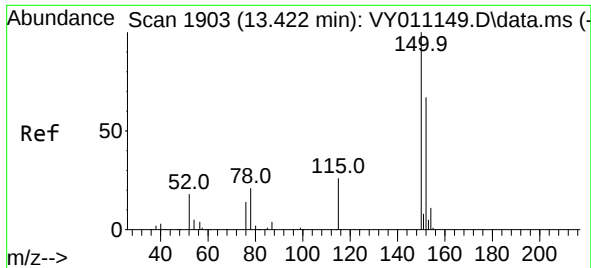
Ion Ratio Lower Upper

117 100

82 55.0 43.0 64.4

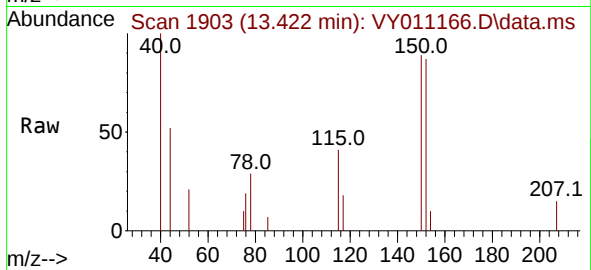
119 29.4 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY011166.D
 Acq: 28 Oct 2022 18:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 LIDEN-GAS-PIPELINE



Tgt Ion:	152	Resp:	992
Ion	Ratio	Lower	Upper
152	100		
115	50.2	28.2	84.7
150	144.3	0.0	347.6

