

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110923\
 Data File : VY016290.D
 Acq On : 09 Nov 2023 18:31
 Operator : SY/MD
 Sample : 05312-02
 Misc : 5.81g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUP-03

Quant Time: Nov 09 23:02:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

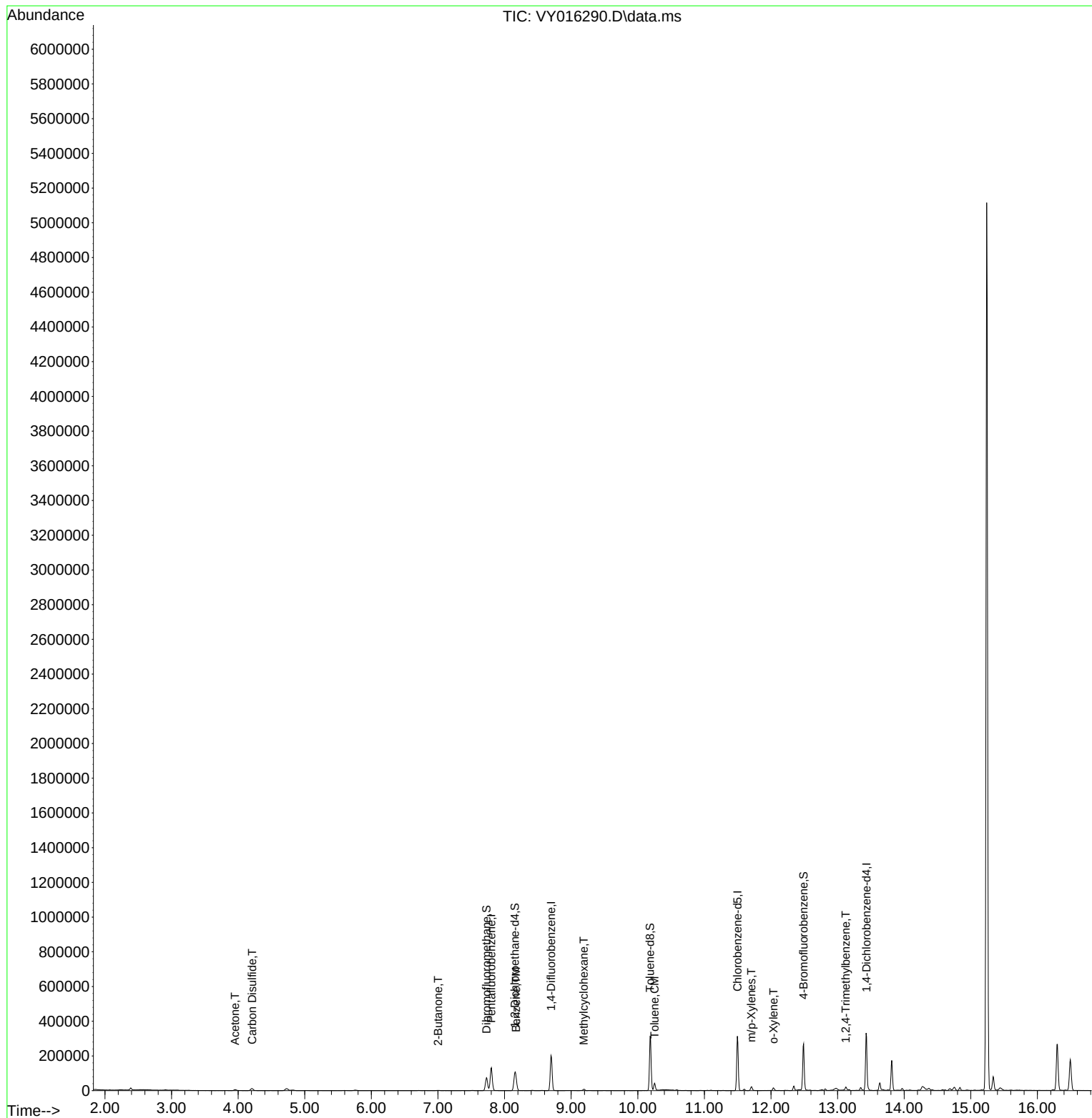
Internal Standards						
1) Pentafluorobenzene	7.801	168	99865	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	177502	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	174864	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	86129	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	61925	67.846	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.700%
35) Dibromofluoromethane	7.728	113	52638	52.203	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.400%
50) Toluene-d8	10.185	98	212435	51.953	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.900%
62) 4-Bromofluorobenzene	12.489	95	78727	59.281	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	118.560%
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	9730	64.447	ug/l	98
17) Carbon Disulfide	4.210	76	25604	8.409	ug/l	97
25) 2-Butanone	7.003	43	2253	8.520	ug/l	98
39) Methylcyclohexane	9.191	83	3494	1.602	ug/l #	74
40) Benzene	8.173	78	53840	10.945	ug/l	95
52) Toluene	10.252	92	17101	5.500	ug/l	94
68) m/p-Xylenes	11.703	106	6587	2.587	ug/l	98
69) o-Xylene	12.038	106	3621	1.531	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	8511	1.537	ug/l	95

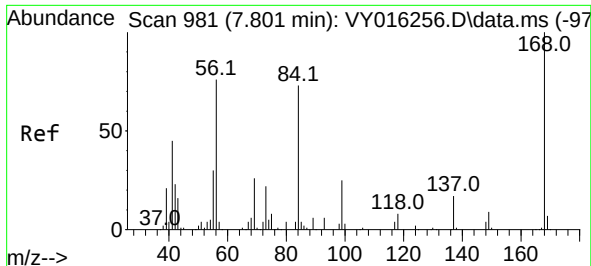
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110923\
Data File : VY016290.D
Acq On : 09 Nov 2023 18:31
Operator : SY/MD
Sample : 05312-02
Misc : 5.81g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DUP-03

Quant Time: Nov 09 23:02:43 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
Response via : Initial Calibration

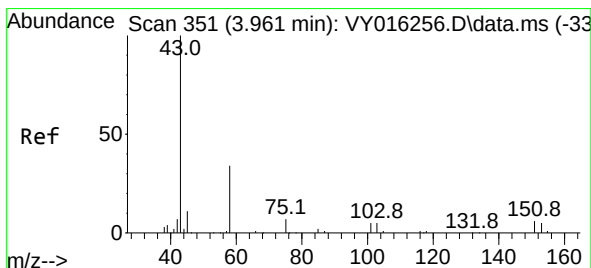
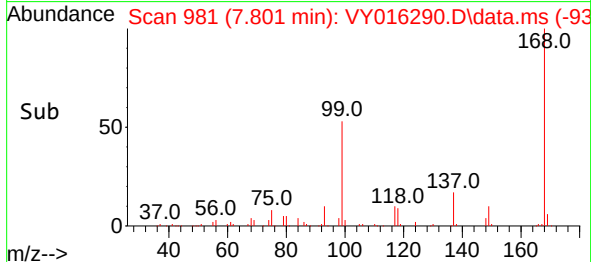
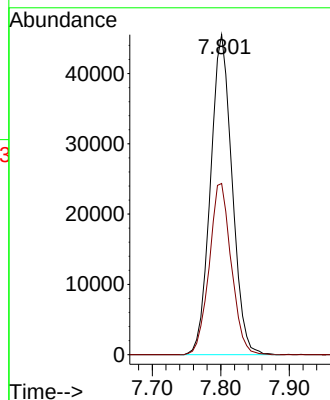
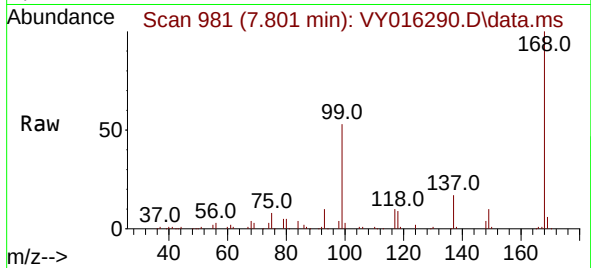




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016290.D
Acq: 09 Nov 2023 18:31

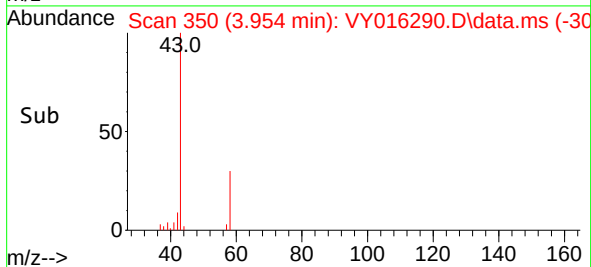
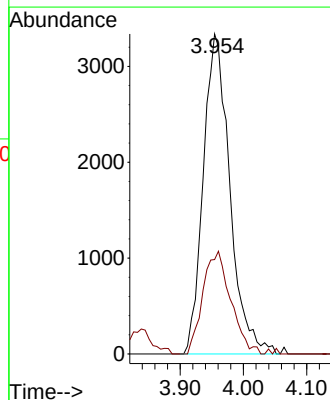
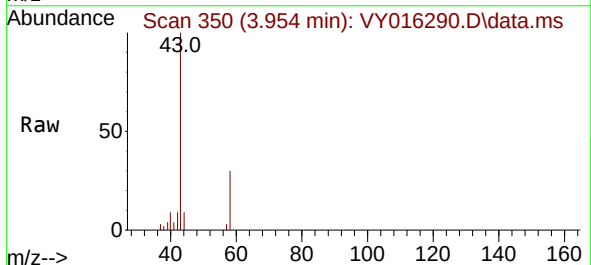
Instrument :
MSVOA_Y
ClientSampleId :
DUP-03

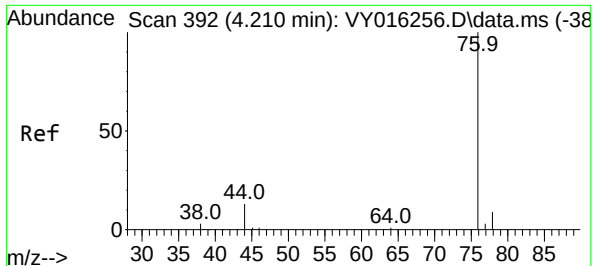
Tgt Ion:168 Resp: 99865
Ion Ratio Lower Upper
168 100
99 53.5 43.4 65.0



#16
Acetone
Concen: 64.447 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY016290.D
Acq: 09 Nov 2023 18:31

Tgt Ion: 43 Resp: 9730
Ion Ratio Lower Upper
43 100
58 29.5 22.7 34.1

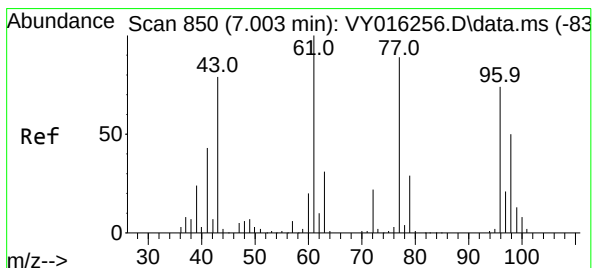
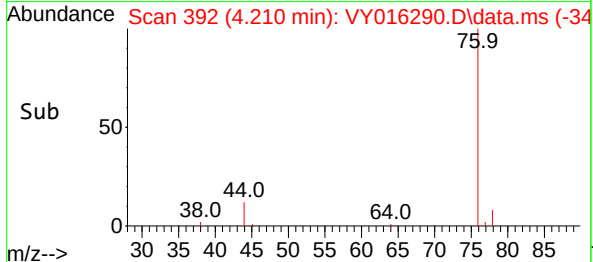
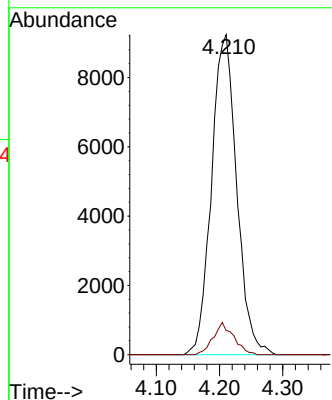
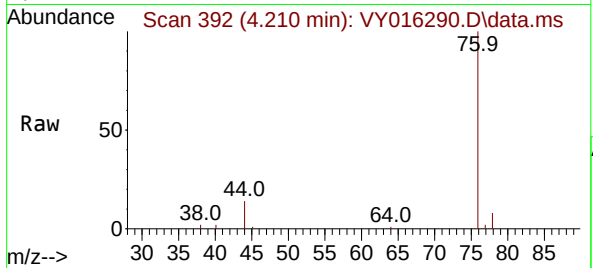




#17
Carbon Disulfide
Concen: 8.409 ug/l
RT: 4.210 min Scan# 392
Delta R.T. -0.000 min
Lab File: VY016290.D
Acq: 09 Nov 2023 18:31

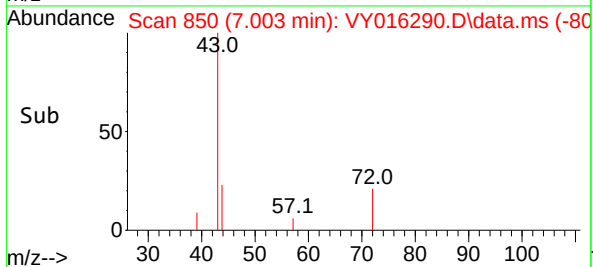
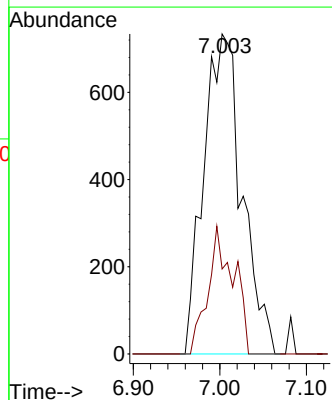
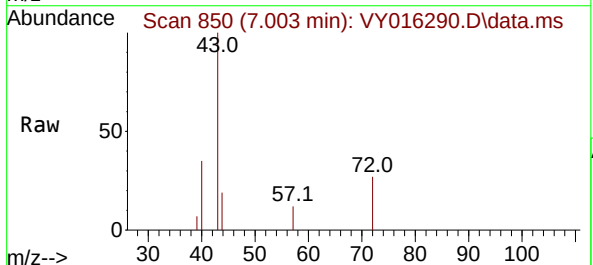
Instrument :
MSVOA_Y
ClientSampleId :
DUP-03

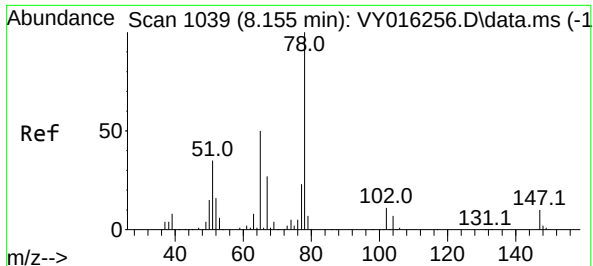
Tgt Ion: 76 Resp: 25604
Ion Ratio Lower Upper
76 100
78 7.6 7.0 10.4



#25
2-Butanone
Concen: 8.520 ug/l
RT: 7.003 min Scan# 850
Delta R.T. -0.000 min
Lab File: VY016290.D
Acq: 09 Nov 2023 18:31

Tgt Ion: 43 Resp: 2253
Ion Ratio Lower Upper
43 100
72 26.6 20.5 30.7





#33

1,2-Dichloroethane-d4

Concen: 67.846 ug/l

RT: 8.155 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY016290.D

Acq: 09 Nov 2023 18:31

Instrument :

MSVOA_Y

ClientSampleId :

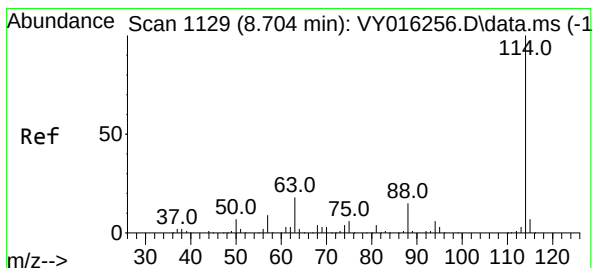
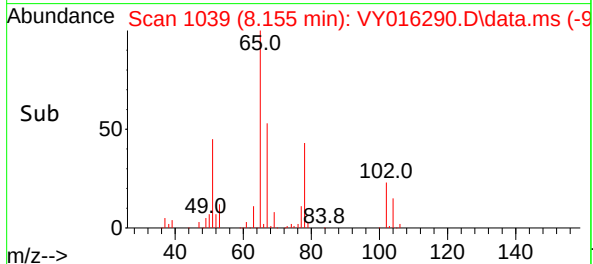
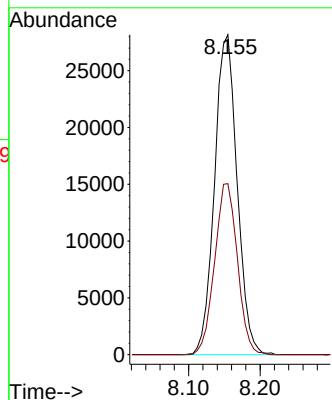
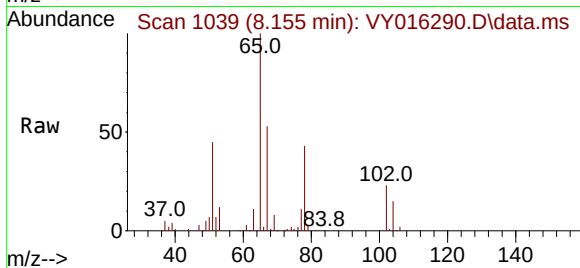
DUP-03

Tgt Ion: 65 Resp: 61925

Ion Ratio Lower Upper

65 100

67 53.9 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY016290.D

Acq: 09 Nov 2023 18:31

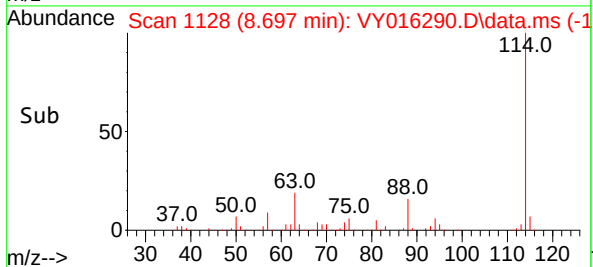
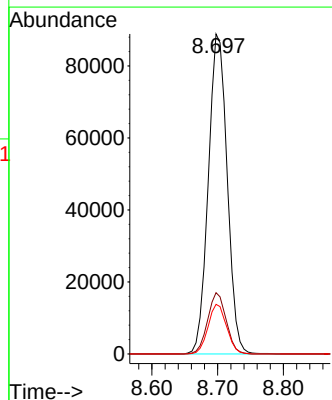
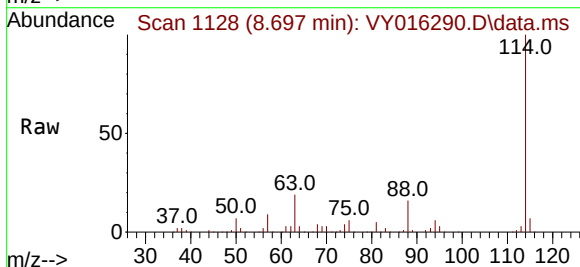
Tgt Ion: 114 Resp: 177502

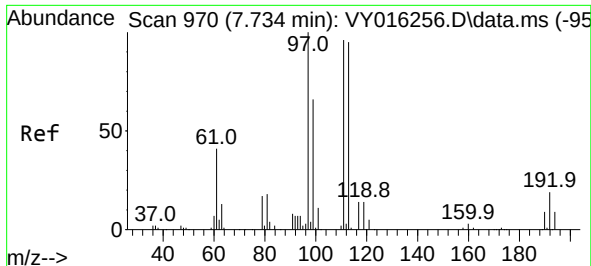
Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

88 15.5 0.0 30.6

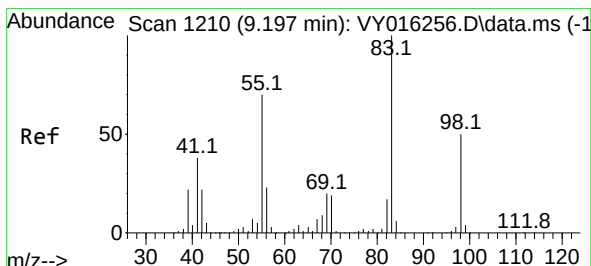
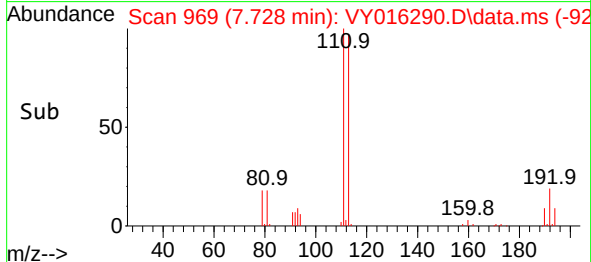
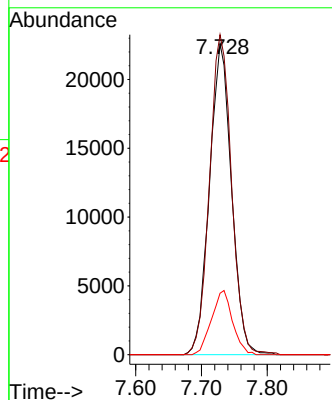
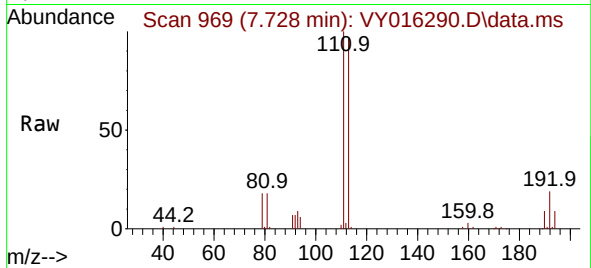




#35
Dibromofluoromethane
Concen: 52.203 ug/l
RT: 7.728 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016290.D
Acq: 09 Nov 2023 18:31

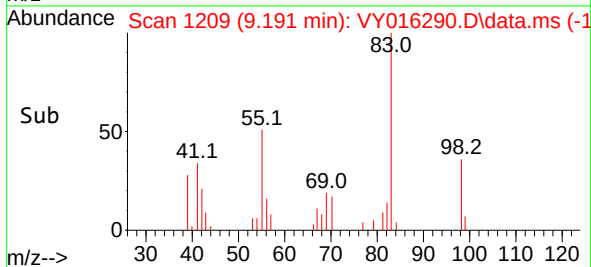
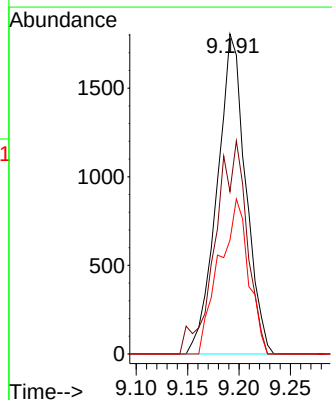
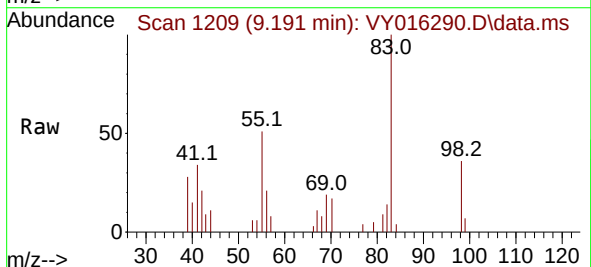
Instrument :
MSVOA_Y
ClientSampleId :
DUP-03

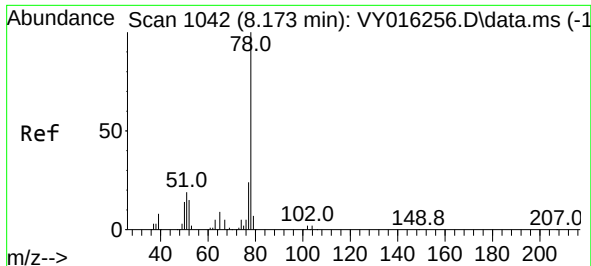
Tgt Ion:113 Resp: 52638
Ion Ratio Lower Upper
113 100
111 103.0 81.3 121.9
192 19.8 16.9 25.3



#39
Methylcyclohexane
Concen: 1.602 ug/l
RT: 9.191 min Scan# 1209
Delta R.T. -0.006 min
Lab File: VY016290.D
Acq: 09 Nov 2023 18:31

Tgt Ion: 83 Resp: 3494
Ion Ratio Lower Upper
83 100
55 50.8 63.0 94.4#
98 35.5 37.4 56.2#

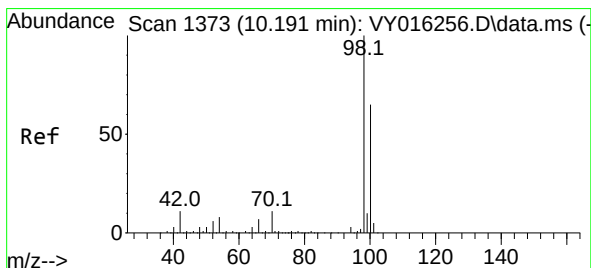
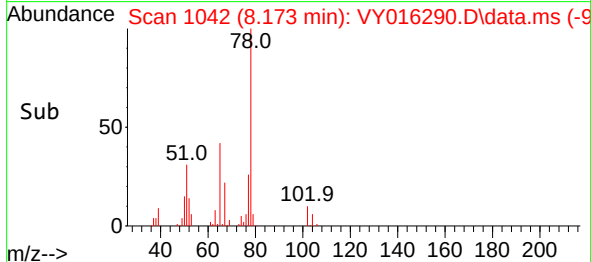
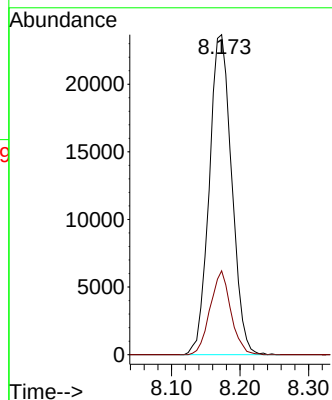
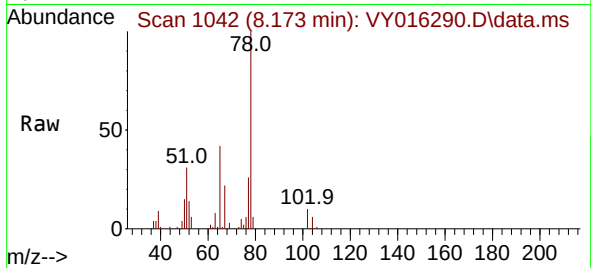




#40
Benzene
Concen: 10.945 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VY016290.D
Acq: 09 Nov 2023 18:31

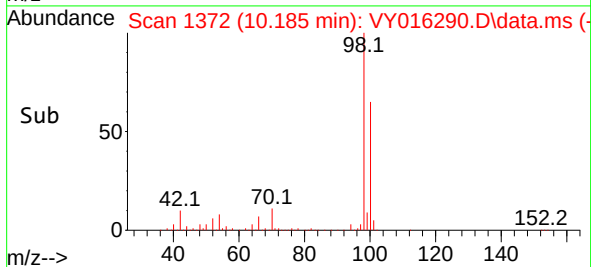
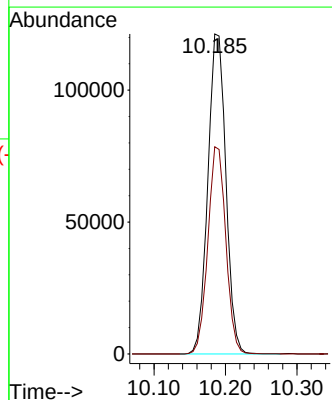
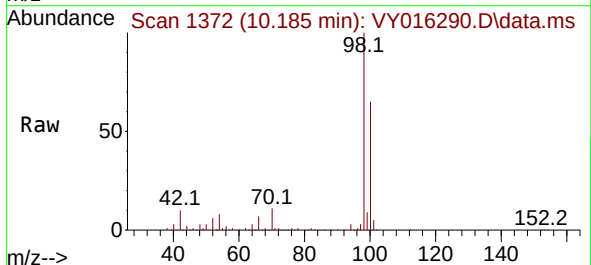
Instrument :
MSVOA_Y
ClientSampleId :
DUP-03

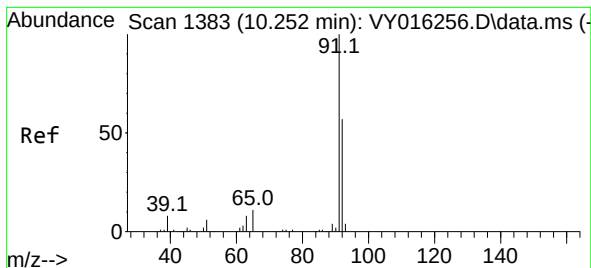
Tgt Ion: 78 Resp: 53840
Ion Ratio Lower Upper
78 100
77 26.2 19.0 28.6



#50
Toluene-d8
Concen: 51.953 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.006 min
Lab File: VY016290.D
Acq: 09 Nov 2023 18:31

Tgt Ion: 98 Resp: 212435
Ion Ratio Lower Upper
98 100
100 64.4 50.1 75.1





#52

Toluene

Concen: 5.500 ug/l

RT: 10.252 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VY016290.D

Acq: 09 Nov 2023 18:31

Instrument :

MSVOA_Y

ClientSampleId :

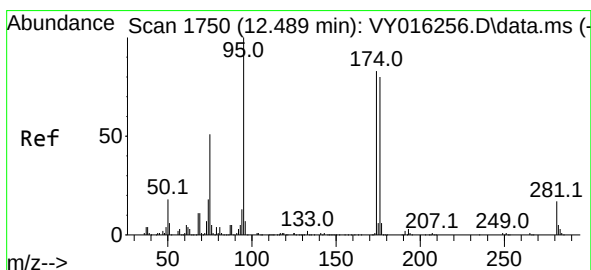
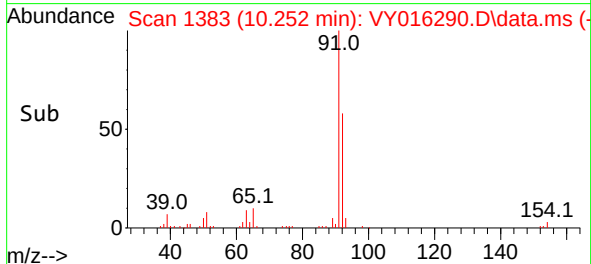
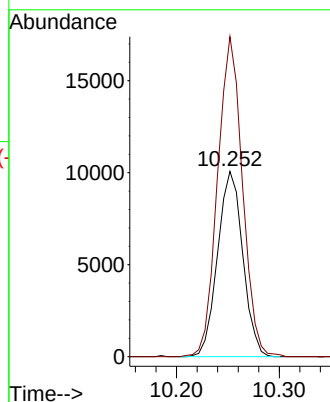
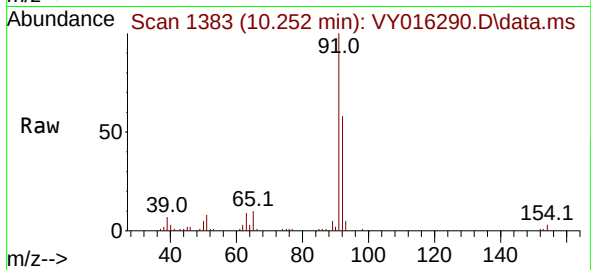
DUP-03

Tgt Ion: 92 Resp: 17101

Ion Ratio Lower Upper

92 100

91 170.7 143.8 215.6



#62

4-Bromofluorobenzene

Concen: 59.281 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VY016290.D

Acq: 09 Nov 2023 18:31

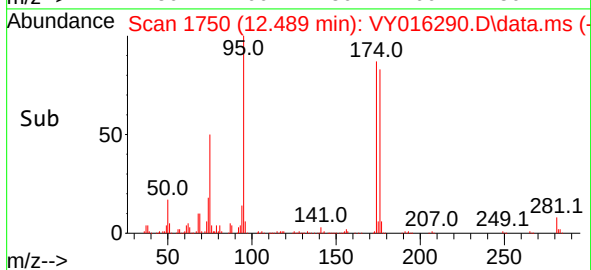
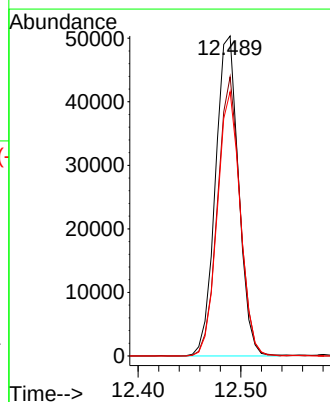
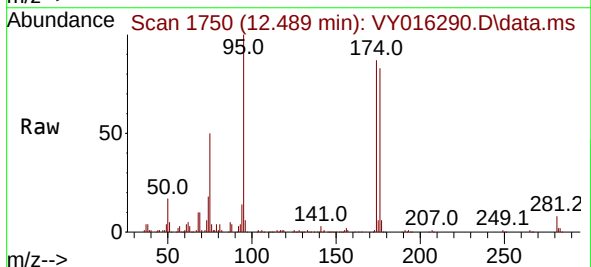
Tgt Ion: 95 Resp: 78727

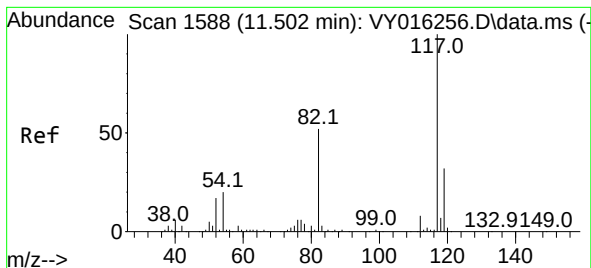
Ion Ratio Lower Upper

95 100

174 84.5 0.0 178.2

176 81.6 0.0 173.8

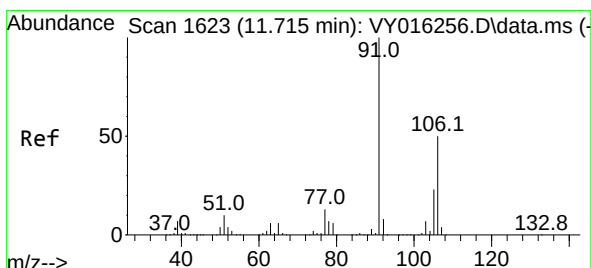
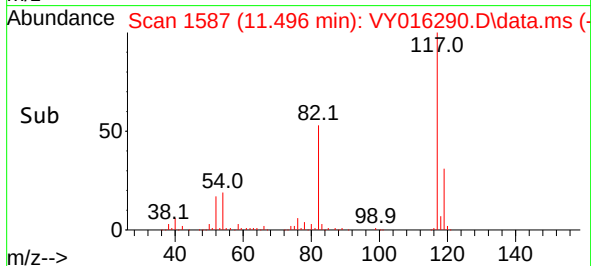
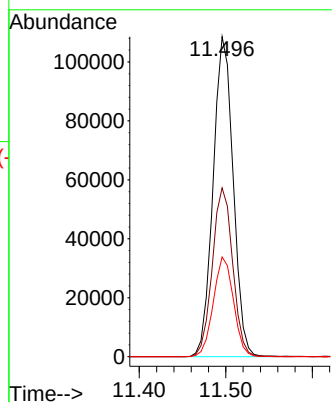
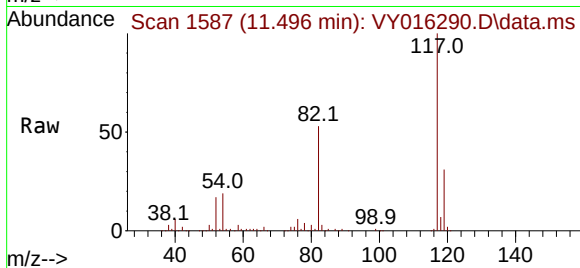




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016290.D
Acq: 09 Nov 2023 18:31

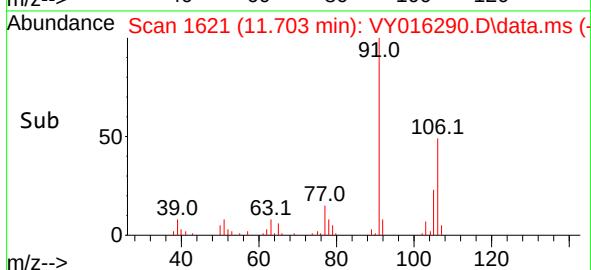
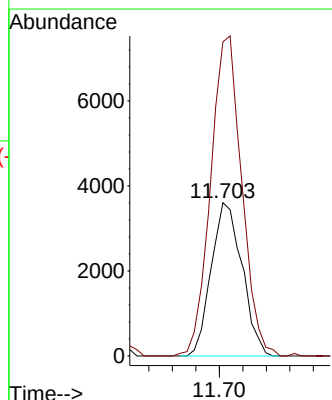
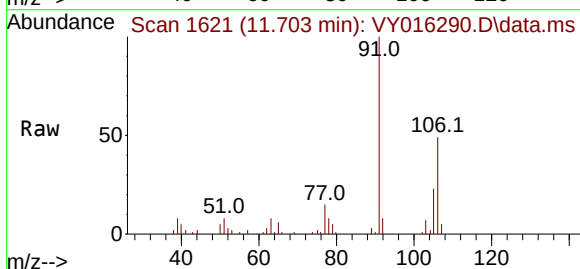
Instrument :
MSVOA_Y
ClientSampleId :
DUP-03

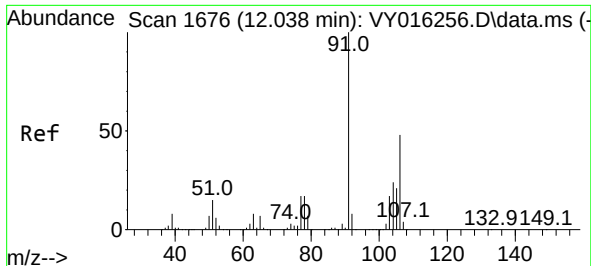
Tgt Ion:117 Resp: 174864
Ion Ratio Lower Upper
117 100
82 52.7 43.4 65.0
119 31.1 26.3 39.5



#68
m/p-Xylenes
Concen: 2.587 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.012 min
Lab File: VY016290.D
Acq: 09 Nov 2023 18:31

Tgt Ion:106 Resp: 6587
Ion Ratio Lower Upper
106 100
91 210.1 166.1 249.1

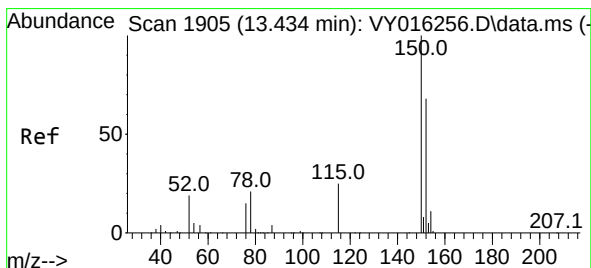
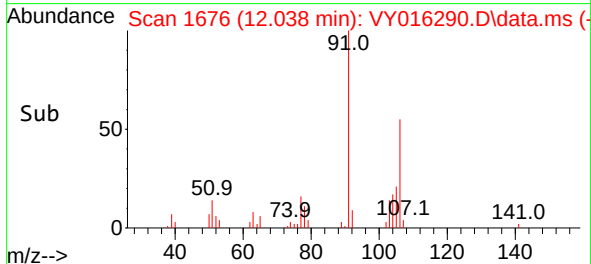
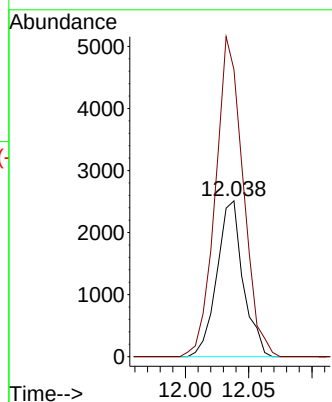
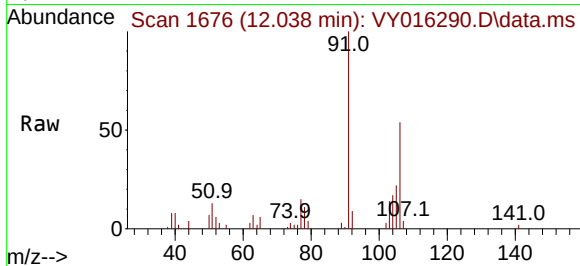




#69
o-Xylene
Concen: 1.531 ug/l
RT: 12.038 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY016290.D
Acq: 09 Nov 2023 18:31

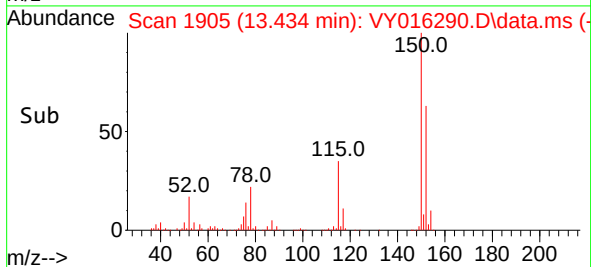
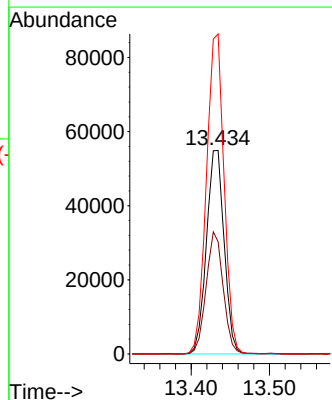
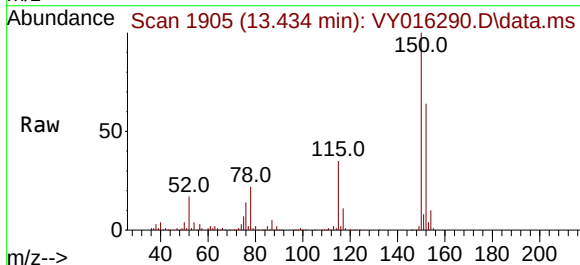
Instrument :
MSVOA_Y
ClientSampleId :
DUP-03

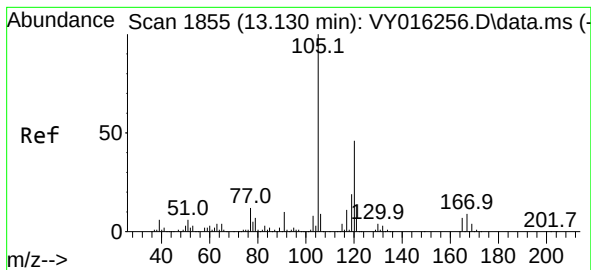
Tgt Ion:106 Resp: 3621
Ion Ratio Lower Upper
106 100
91 216.3 108.1 324.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY016290.D
Acq: 09 Nov 2023 18:31

Tgt Ion:152 Resp: 86129
Ion Ratio Lower Upper
152 100
115 57.9 28.8 86.5
150 156.1 0.0 348.8





#84
 1,2,4-Trimethylbenzene
 Concen: 1.537 ug/l
 RT: 13.123 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY016290.D
 Acq: 09 Nov 2023 18:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUP-03

Tgt Ion:105 Resp: 8511
 Ion Ratio Lower Upper
 105 100
 120 41.0 22.2 66.6

