

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110223\
 Data File : VY016185.D
 Acq On : 02 Nov 2023 13:14
 Operator : SY/MD
 Sample : 05170-01RE
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-02-103123RE

Quant Time: Nov 03 01:39:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

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

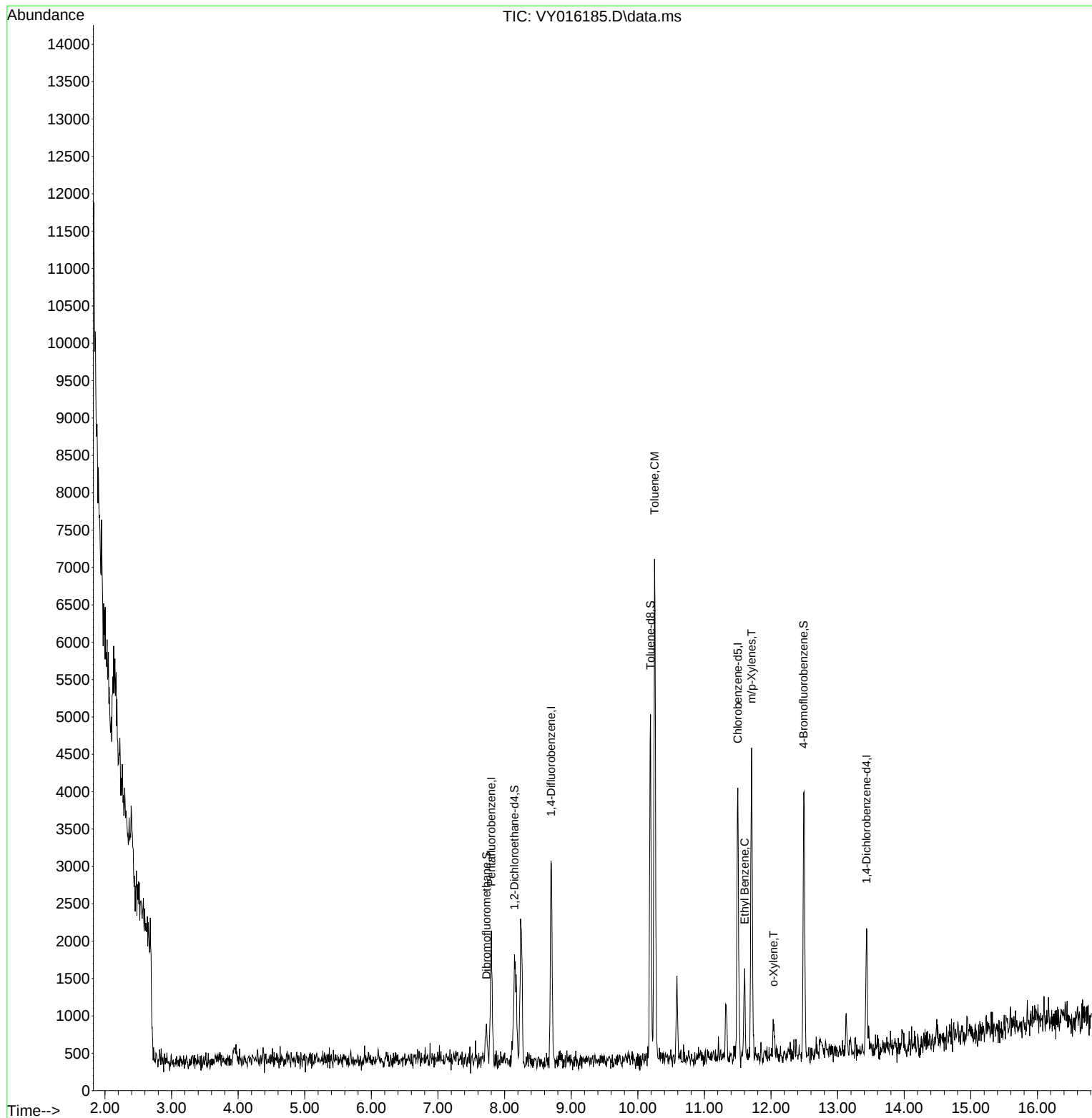
Internal Standards						
1) Pentafluorobenzene	7.801	168	1705	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.697	114	2833	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	2501	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	603	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	927	58.104	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.200%
35) Dibromofluoromethane	7.728	113	492	29.130	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	58.260%
50) Toluene-d8	10.191	98	3434	51.282	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.560%
62) 4-Bromofluorobenzene	12.489	95	866	37.820	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	75.640%
Target Compounds						
					Qvalue	
52) Toluene	10.252	92	2740	60.392	ug/l	88
67) Ethyl Benzene	11.605	91	1127	12.681	ug/l #	84
68) m/p-Xylenes	11.709	106	1398	40.707	ug/l	86
69) o-Xylene	12.038	106	206	6.282	ug/l	97

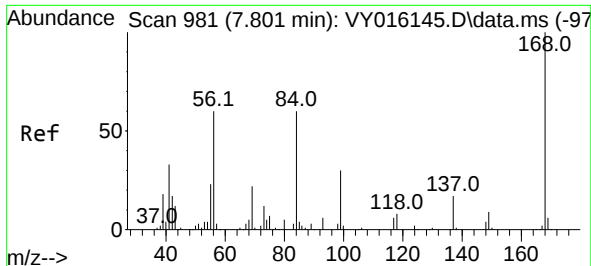
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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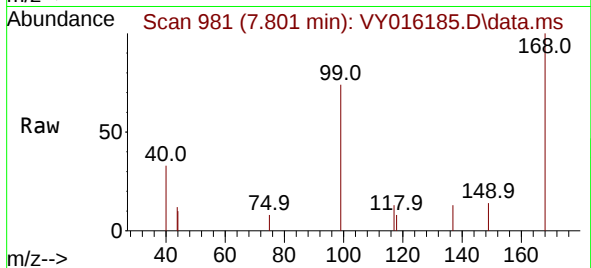
Quant Time: Nov 03 01:39:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 01 03:33:29 2023
Response via : Initial Calibration



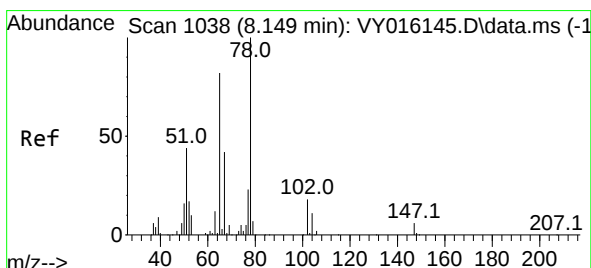
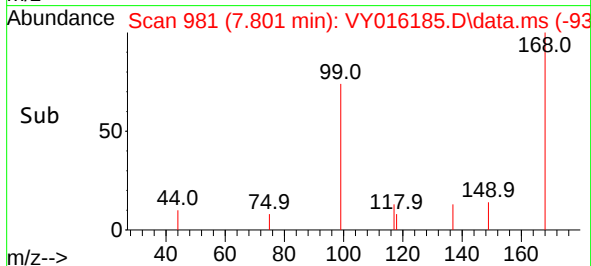
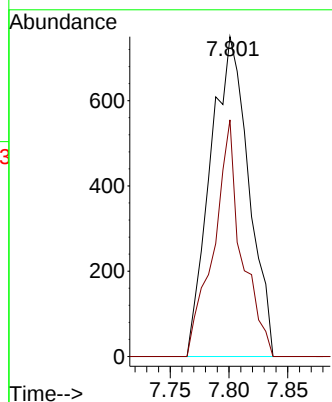


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY016185.D
Acq: 02 Nov 2023 13:14

Instrument :
MSVOA_Y
ClientSampleId :
OK-02-103123RE

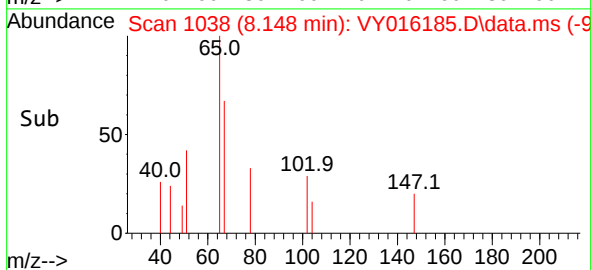
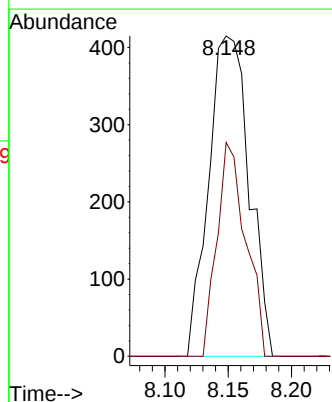
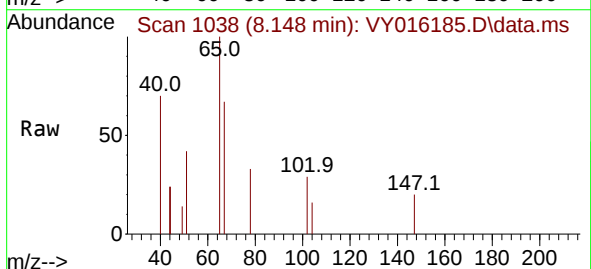


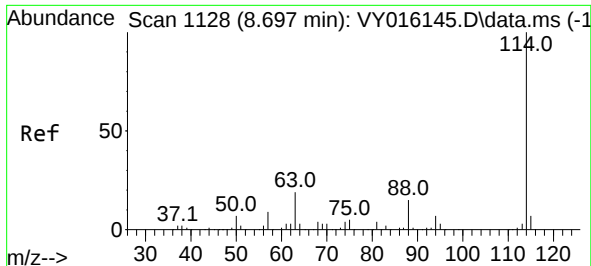
Tgt Ion:168 Resp: 1705
Ion Ratio Lower Upper
168 100
99 74.0 43.4 65.0#



#33
1,2-Dichloroethane-d4
Concen: 58.104 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY016185.D
Acq: 02 Nov 2023 13:14

Tgt Ion: 65 Resp: 927
Ion Ratio Lower Upper
65 100
67 47.2 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY016185.D

Acq: 02 Nov 2023 13:14

Instrument :

MSVOA_Y

ClientSampleId :

OK-02-103123RE

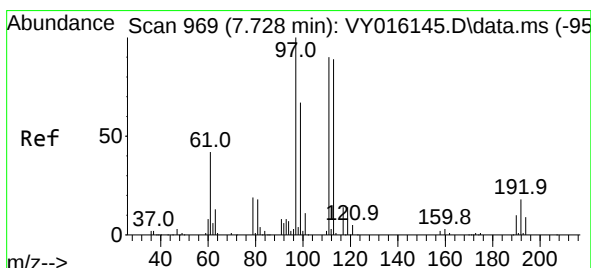
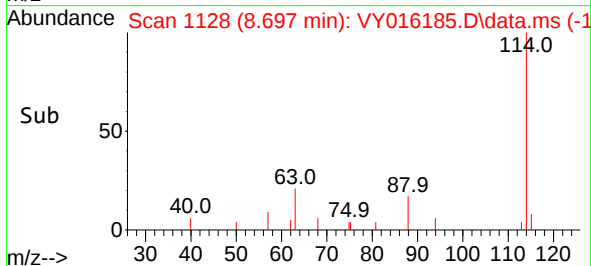
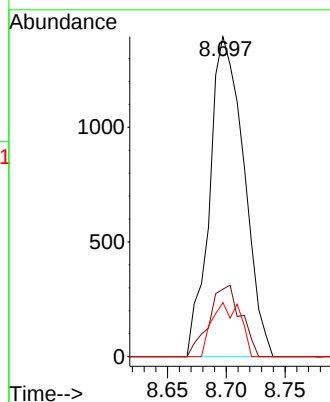
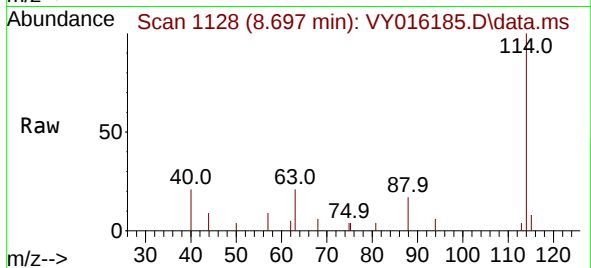
Tgt Ion:114 Resp: 2833

Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.4

88 16.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 29.130 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY016185.D

Acq: 02 Nov 2023 13:14

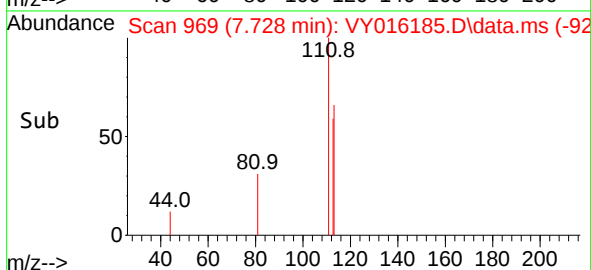
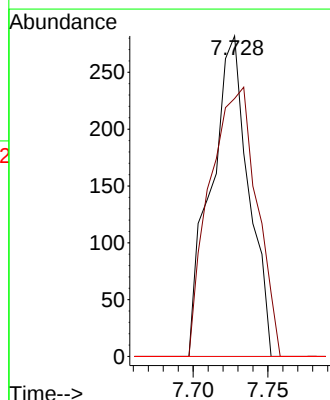
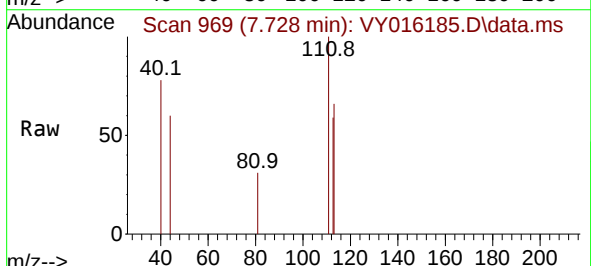
Tgt Ion:113 Resp: 492

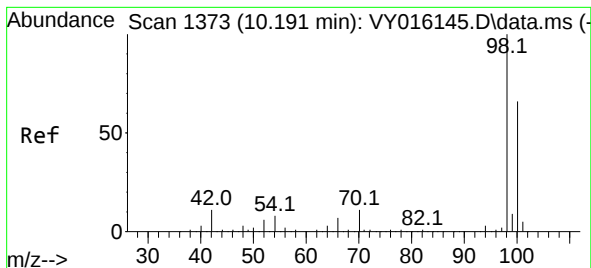
Ion Ratio Lower Upper

113 100

111 105.5 81.3 121.9

192 0.0 16.9 25.3#





#50

Toluene-d8

Concen: 51.282 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. -0.000 min

Lab File: VY016185.D

Acq: 02 Nov 2023 13:14

Instrument :

MSVOA_Y

ClientSampleId :

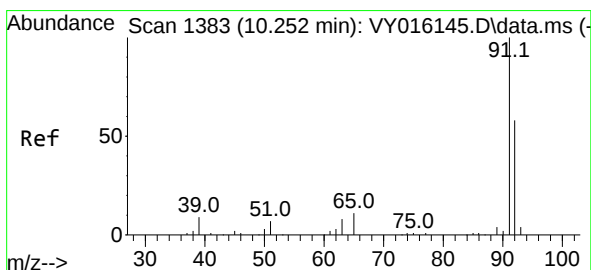
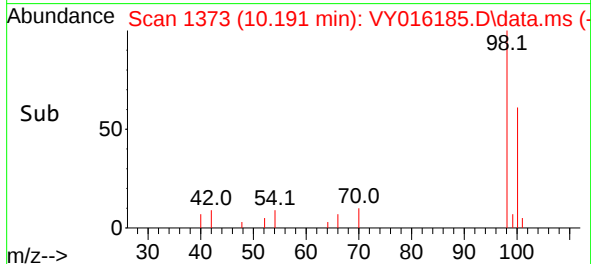
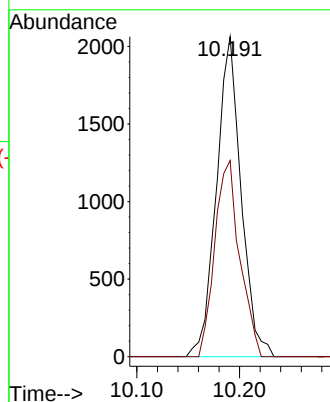
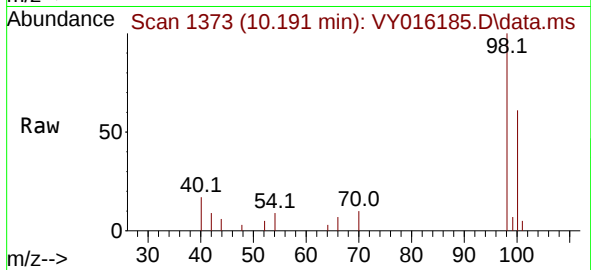
OK-02-103123RE

Tgt Ion: 98 Resp: 3434

Ion Ratio Lower Upper

98 100

100 61.9 50.1 75.1



#52

Toluene

Concen: 60.392 ug/l

RT: 10.252 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VY016185.D

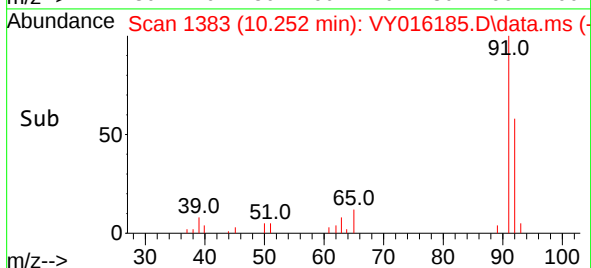
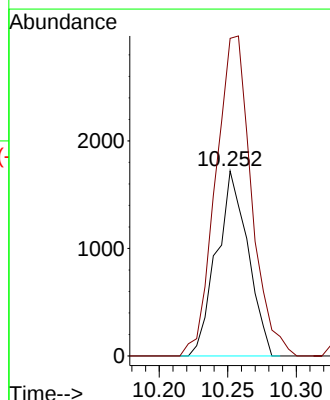
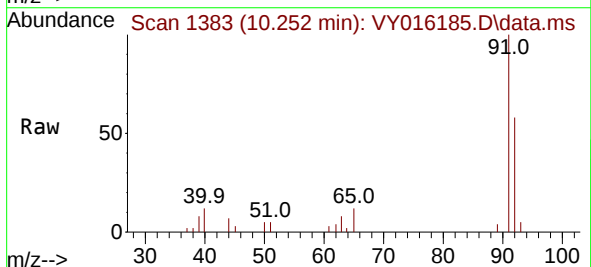
Acq: 02 Nov 2023 13:14

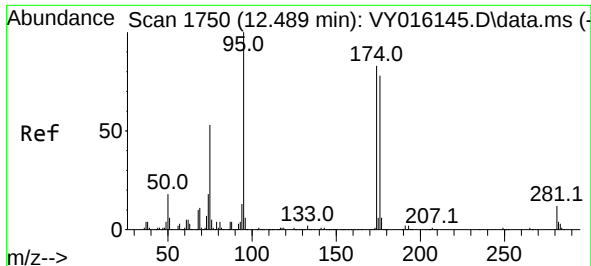
Tgt Ion: 92 Resp: 2740

Ion Ratio Lower Upper

92 100

91 196.9 143.8 215.6





#62

4-Bromofluorobenzene

Concen: 37.820 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VY016185.D

Acq: 02 Nov 2023 13:14

Instrument :

MSVOA_Y

ClientSampleId :

OK-02-103123RE

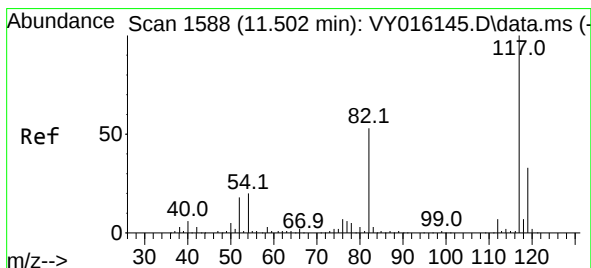
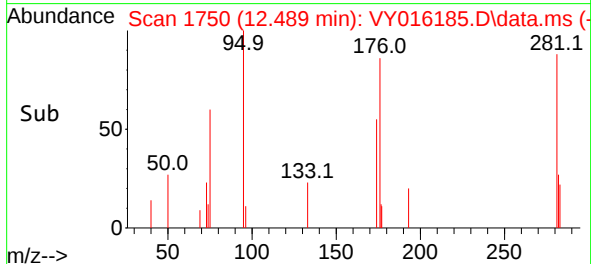
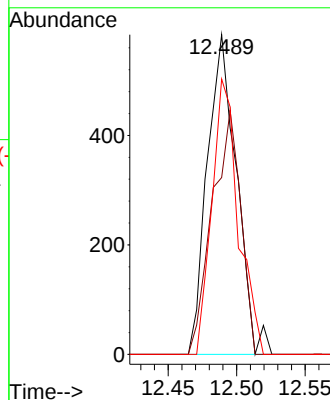
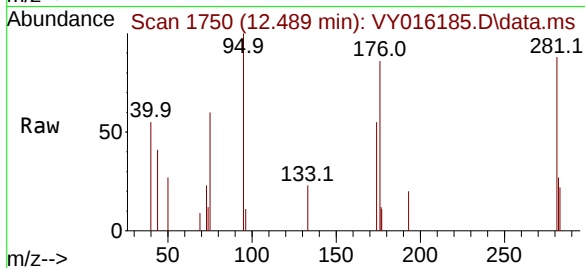
Tgt Ion: 95 Resp: 866

Ion Ratio Lower Upper

95 100

174 74.2 0.0 178.2

176 77.8 0.0 173.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.501 min Scan# 1588

Delta R.T. -0.000 min

Lab File: VY016185.D

Acq: 02 Nov 2023 13:14

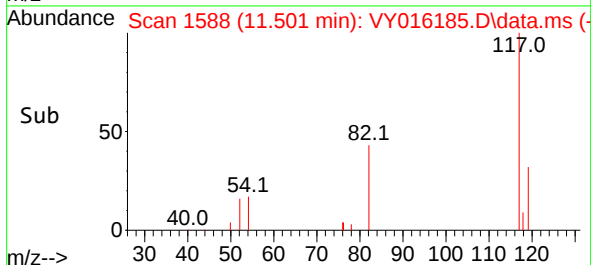
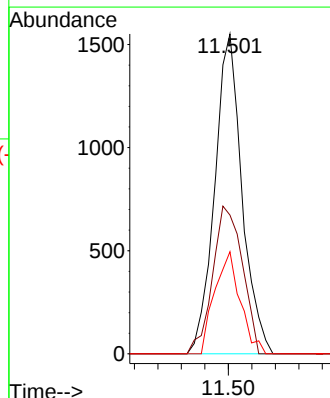
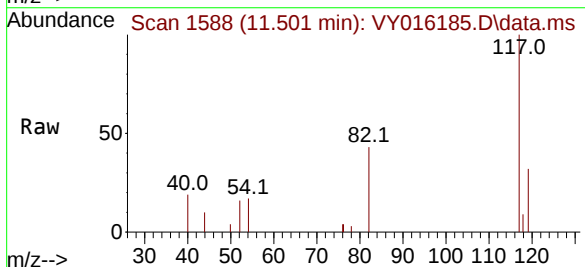
Tgt Ion: 117 Resp: 2501

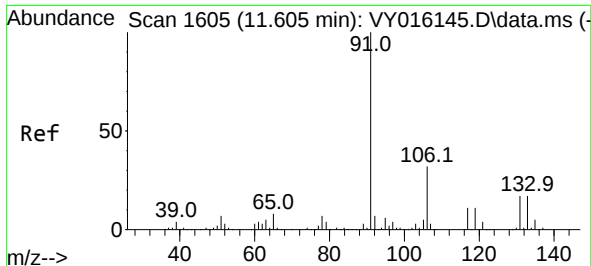
Ion Ratio Lower Upper

117 100

82 43.4 43.4 65.0

119 31.9 26.3 39.5

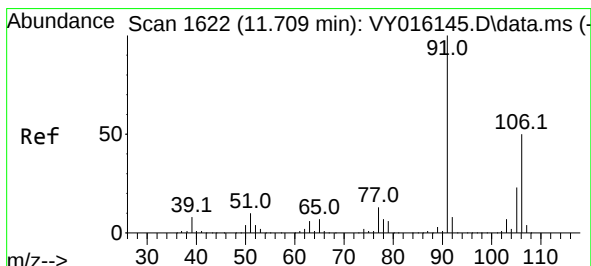
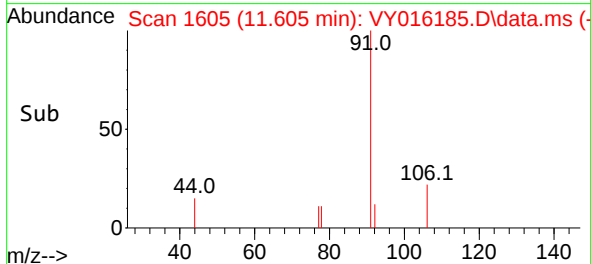
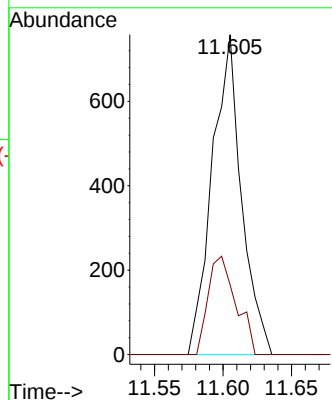
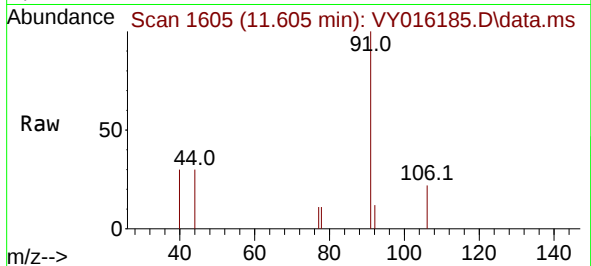




#67
Ethyl Benzene
Concen: 12.681 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. -0.000 min
Lab File: VY016185.D
Acq: 02 Nov 2023 13:14

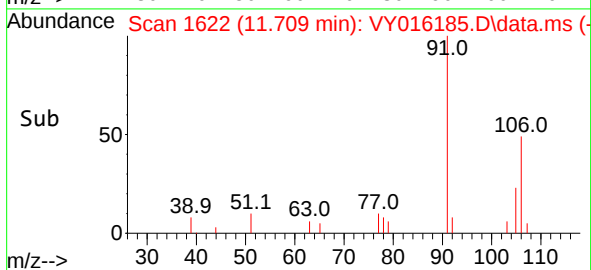
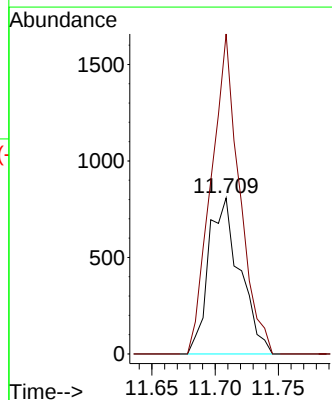
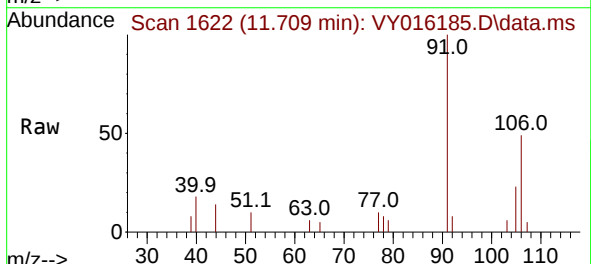
Instrument :
MSVOA_Y
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OK-02-103123RE

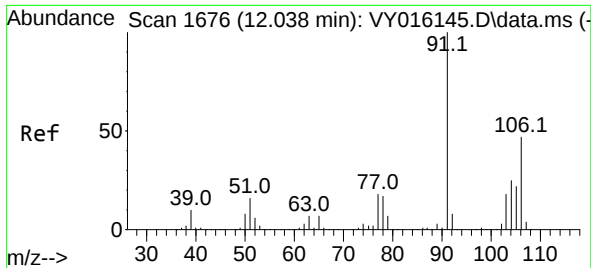
Tgt Ion: 91 Resp: 1127
Ion Ratio Lower Upper
91 100
106 21.8 24.6 36.8#



#68
m/p-Xylenes
Concen: 40.707 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. -0.000 min
Lab File: VY016185.D
Acq: 02 Nov 2023 13:14

Tgt Ion: 106 Resp: 1398
Ion Ratio Lower Upper
106 100
91 185.3 166.1 249.1

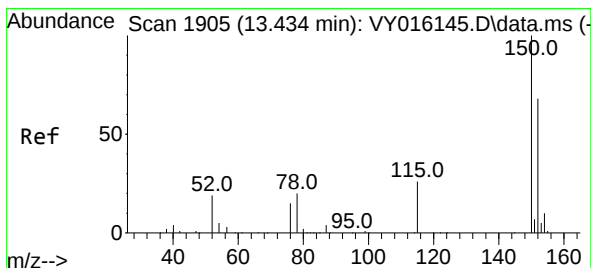
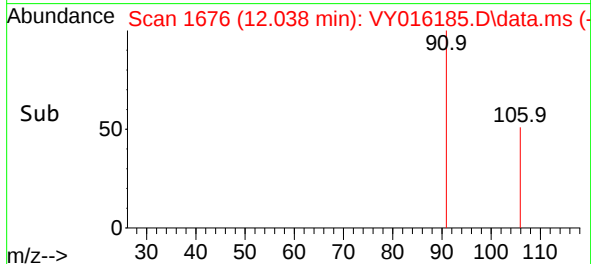
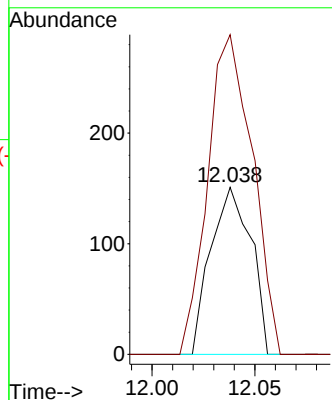
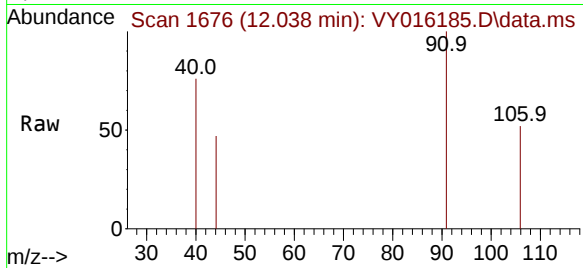




#69
o-Xylene
Concen: 6.282 ug/l
RT: 12.038 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY016185.D
Acq: 02 Nov 2023 13:14

Instrument :
MSVOA_Y
ClientSampleId :
OK-02-103123RE

Tgt Ion:106 Resp: 206
Ion Ratio Lower Upper
106 100
91 212.1 108.1 324.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY016185.D
Acq: 02 Nov 2023 13:14

Tgt Ion:152 Resp: 603
Ion Ratio Lower Upper
152 100
115 54.9 28.8 86.5
150 156.9 0.0 348.8

