

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020524\
 Data File : VY017240.D
 Acq On : 05 Feb 2024 19:35
 Operator : SY/MD
 Sample : P1141-11
 Misc : 4.65g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EB-2-0-2D

Quant Time: Feb 06 01:04:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

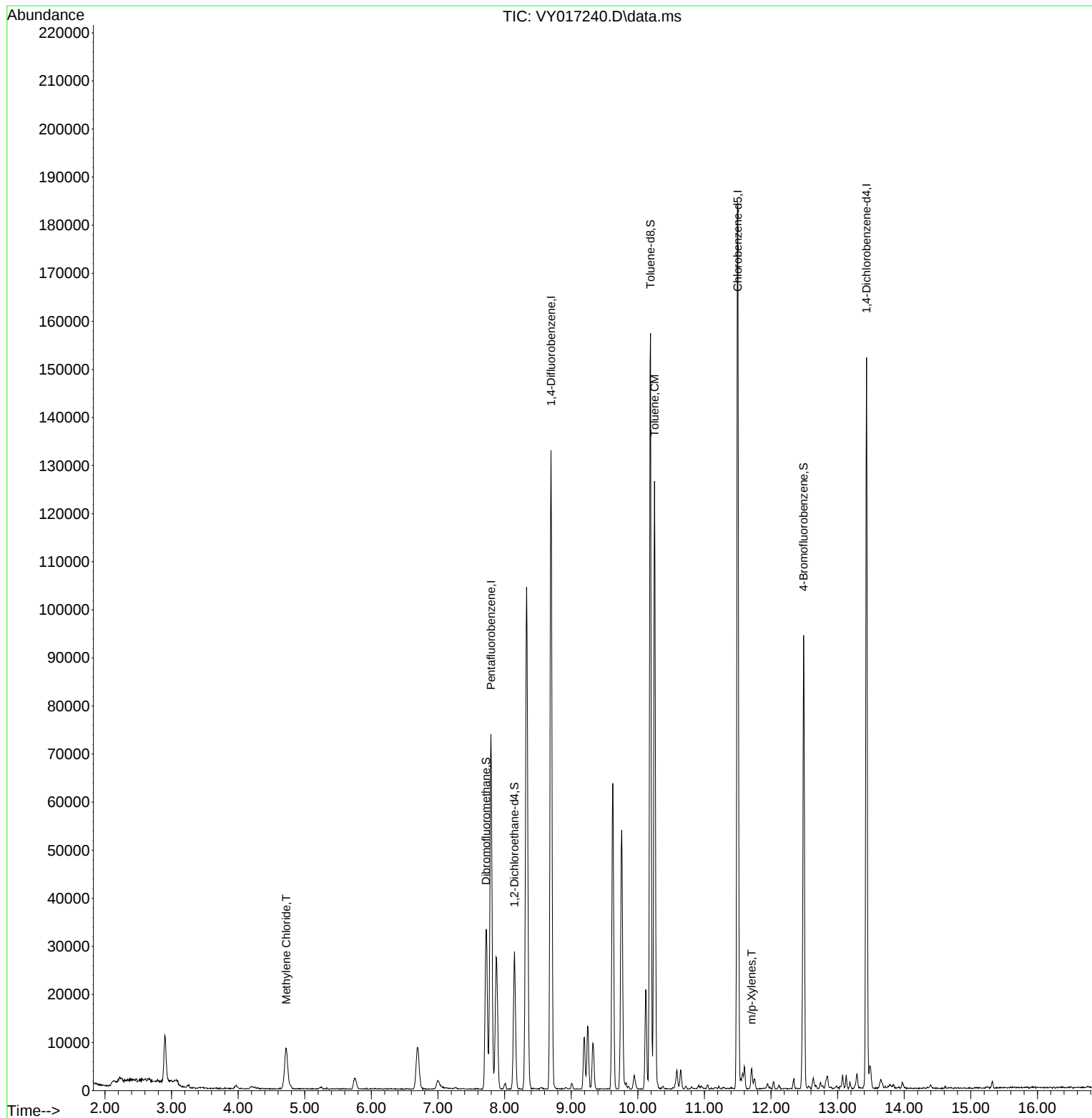
Internal Standards						
1) Pentafluorobenzene	7.795	168	55436	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	114417	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	102831	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	38064	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	20793	41.986	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	83.980%		
35) Dibromofluoromethane	7.722	113	24809	40.158	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	80.320%		
50) Toluene-d8	10.191	98	101268	45.022	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	90.040%		
62) 4-Bromofluorobenzene	12.489	95	28405	38.551	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	77.100%		
Target Compounds						Qvalue
20) Methylene Chloride	4.722	84	5705	6.524	ug/l #	89
52) Toluene	10.252	92	52086	28.356	ug/l	99
68) m/p-Xylenes	11.709	106	1451	1.066	ug/l	98

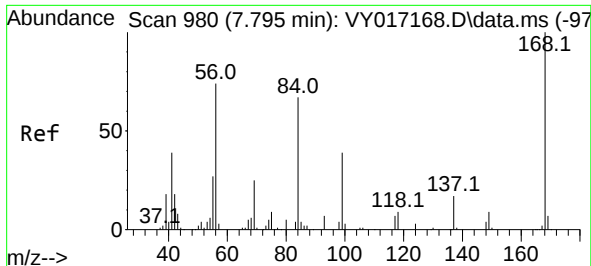
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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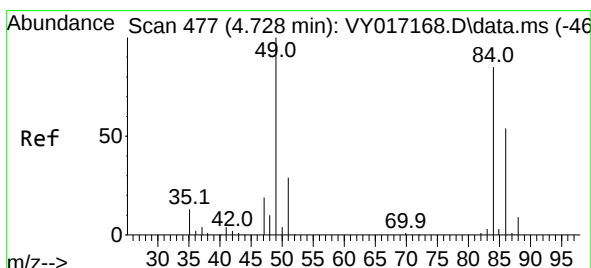
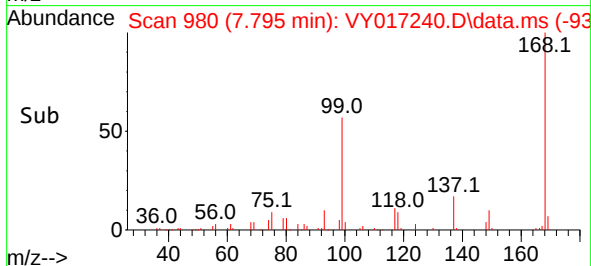
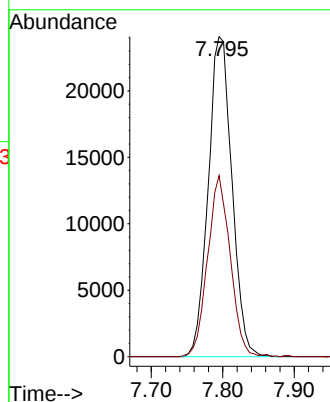
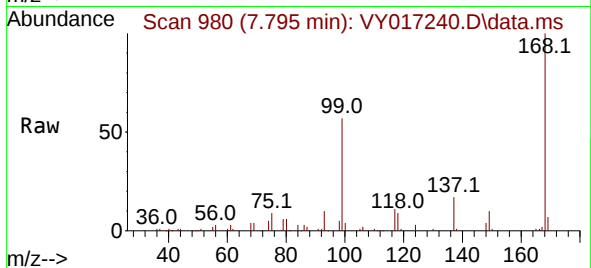




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017240.D
Acq: 05 Feb 2024 19:35

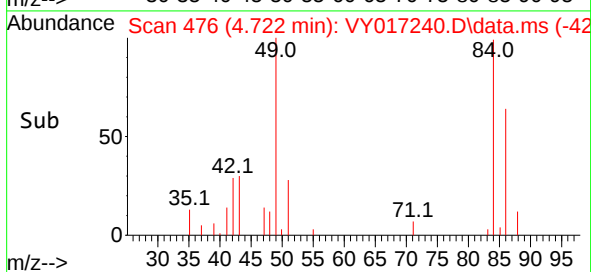
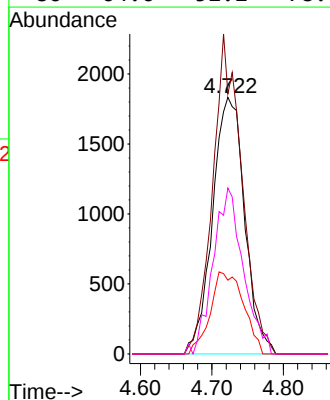
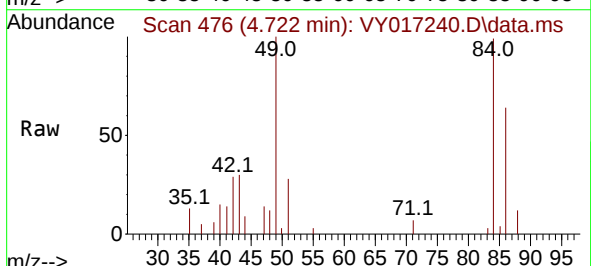
Instrument :
MSVOA_Y
ClientSampleId :
EB-2-0-2D

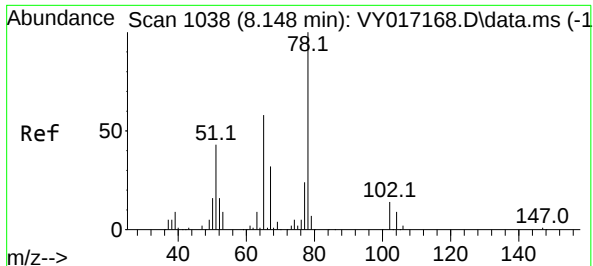
Tgt Ion:168 Resp: 55436
Ion Ratio Lower Upper
168 100
99 56.6 44.2 66.4



#20
Methylene Chloride
Concen: 6.524 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY017240.D
Acq: 05 Feb 2024 19:35

Tgt Ion: 84 Resp: 5705
Ion Ratio Lower Upper
84 100
49 101.4 95.2 142.8
51 28.8 29.9 44.9#
86 64.6 52.2 78.4





#33

1,2-Dichloroethane-d4

Concen: 41.986 ug/l

RT: 8.149 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY017240.D

Acq: 05 Feb 2024 19:35

Instrument :

MSVOA_Y

ClientSampleId :

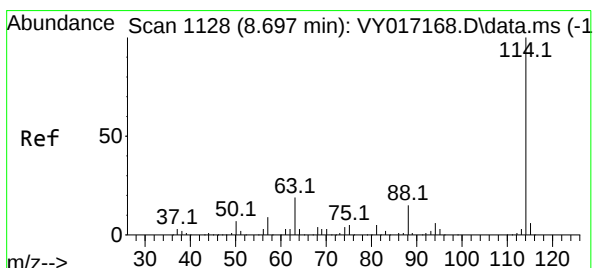
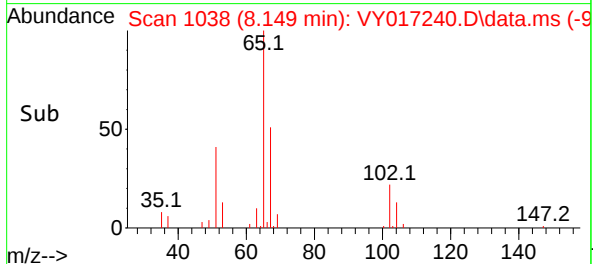
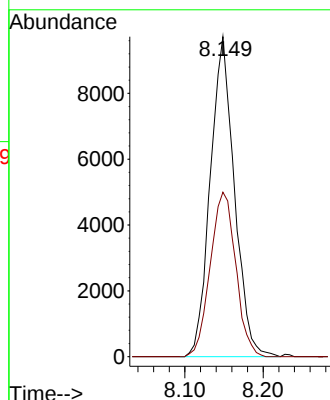
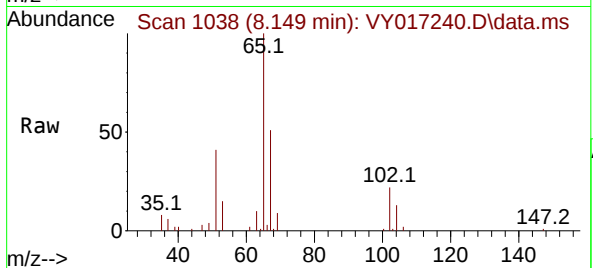
EB-2-0-2D

Tgt Ion: 65 Resp: 20793

Ion Ratio Lower Upper

65 100

67 54.4 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY017240.D

Acq: 05 Feb 2024 19:35

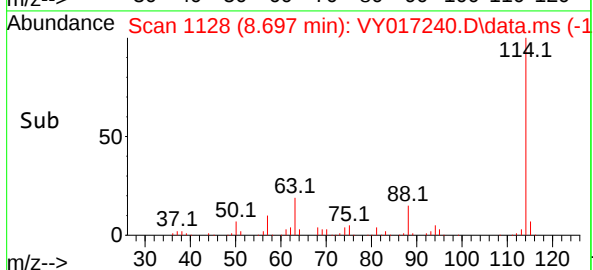
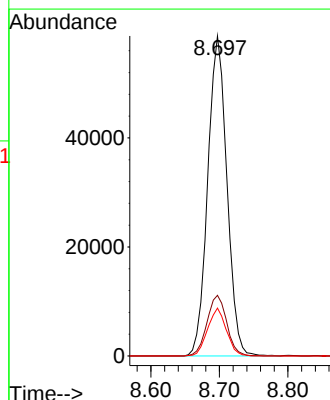
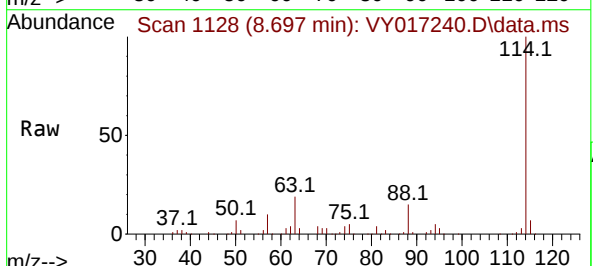
Tgt Ion: 114 Resp: 114417

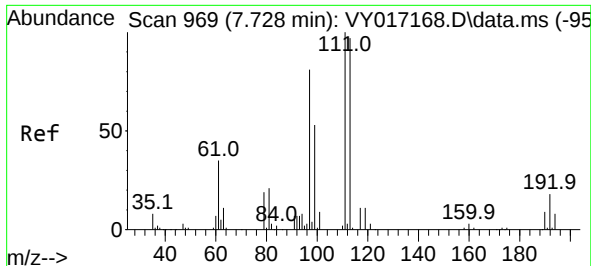
Ion Ratio Lower Upper

114 100

63 19.0 0.0 37.4

88 15.0 0.0 29.0





#35

Dibromofluoromethane

Concen: 40.158 ug/l

RT: 7.722 min Scan# 9

Delta R.T. -0.006 min

Lab File: VY017240.D

Acq: 05 Feb 2024 19:35

Instrument :

MSVOA_Y

ClientSampleId :

EB-2-0-2D

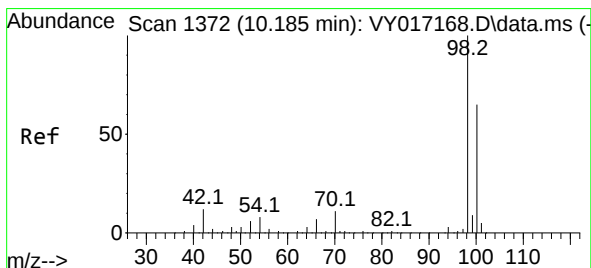
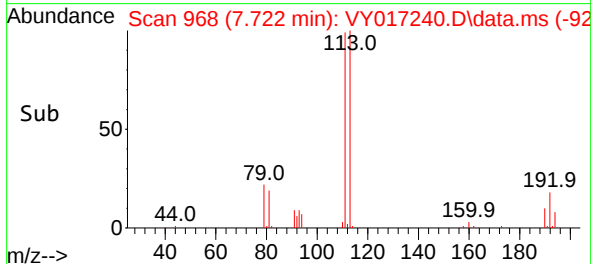
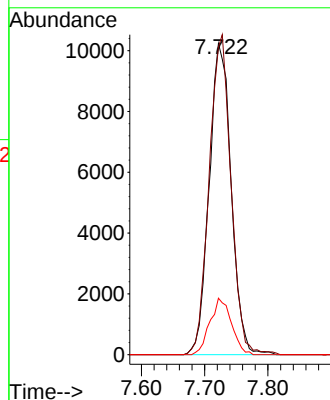
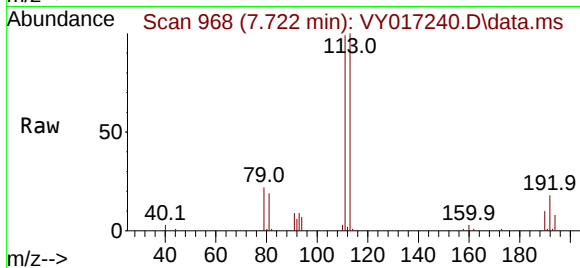
Tgt Ion:113 Resp: 24809

Ion Ratio Lower Upper

113 100

111 101.7 83.8 125.6

192 17.7 14.5 21.7



#50

Toluene-d8

Concen: 45.022 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.006 min

Lab File: VY017240.D

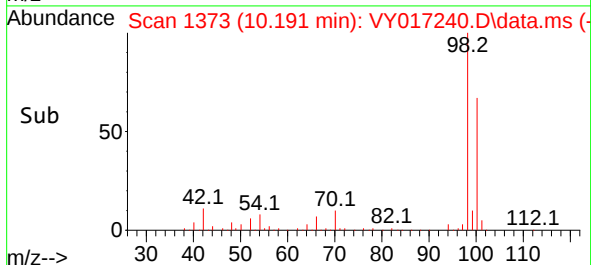
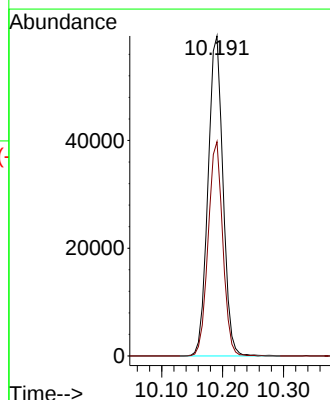
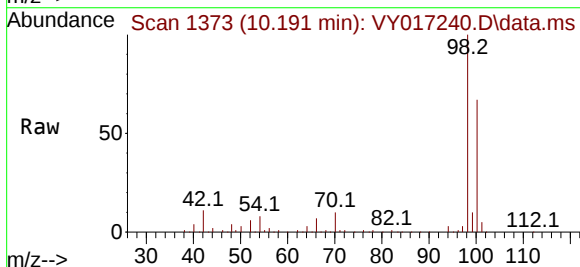
Acq: 05 Feb 2024 19:35

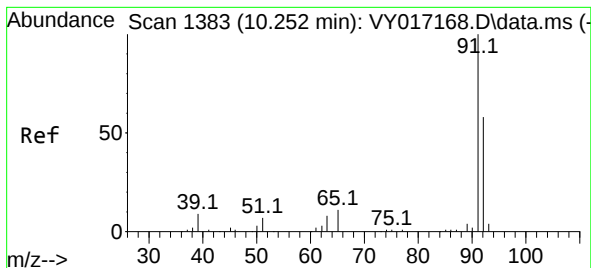
Tgt Ion: 98 Resp: 101268

Ion Ratio Lower Upper

98 100

100 65.3 52.3 78.5





#52

Toluene

Concen: 28.356 ug/l

RT: 10.252 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017240.D

Acq: 05 Feb 2024 19:35

Instrument :

MSVOA_Y

ClientSampleId :

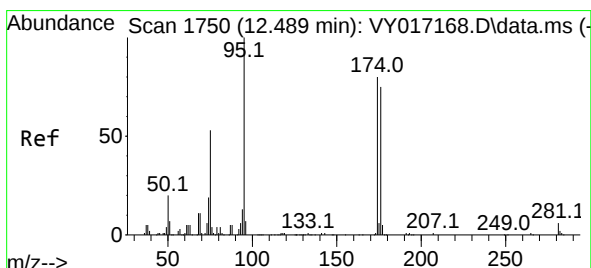
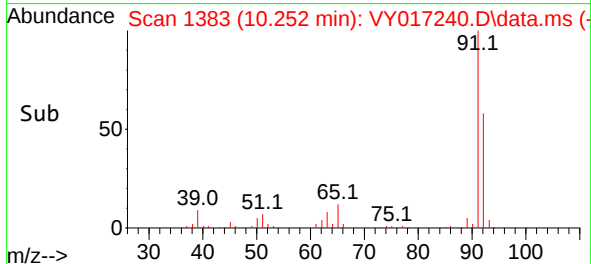
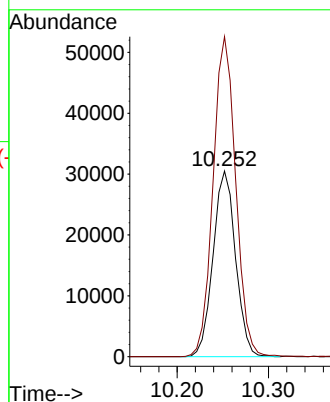
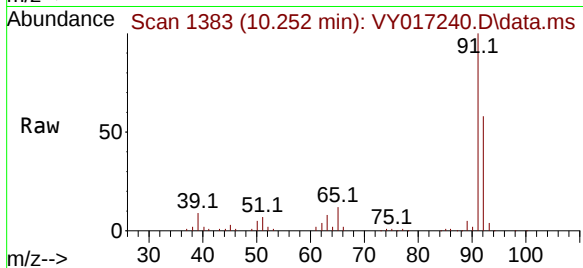
EB-2-0-2D

Tgt Ion: 92 Resp: 52086

Ion Ratio Lower Upper

92 100

91 173.7 137.6 206.4



#62

4-Bromofluorobenzene

Concen: 38.551 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VY017240.D

Acq: 05 Feb 2024 19:35

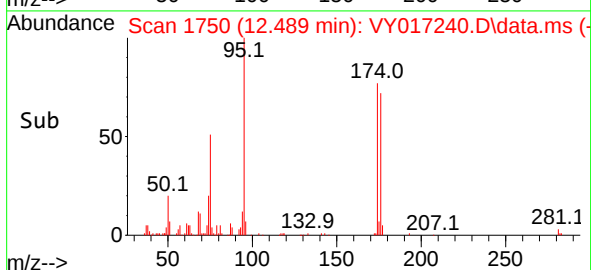
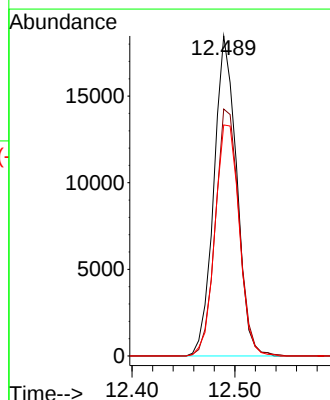
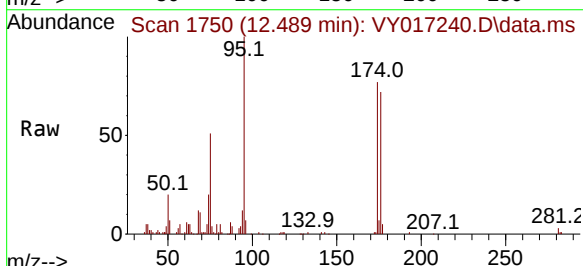
Tgt Ion: 95 Resp: 28405

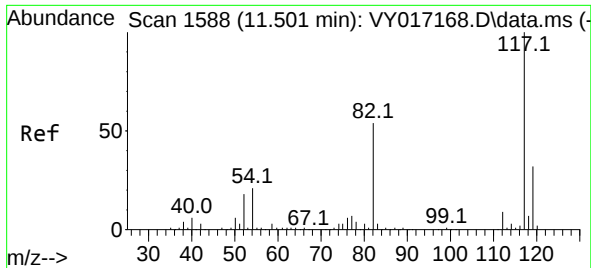
Ion Ratio Lower Upper

95 100

174 80.2 0.0 160.0

176 76.9 0.0 151.8

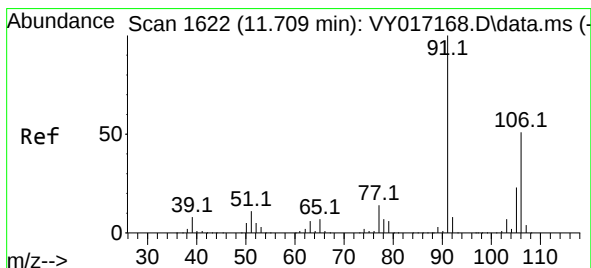
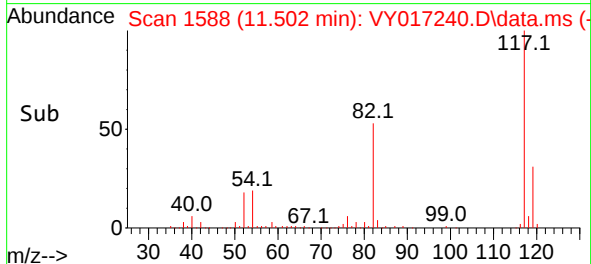
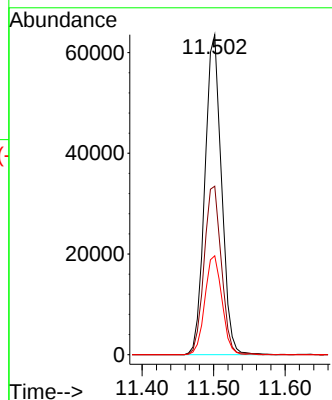
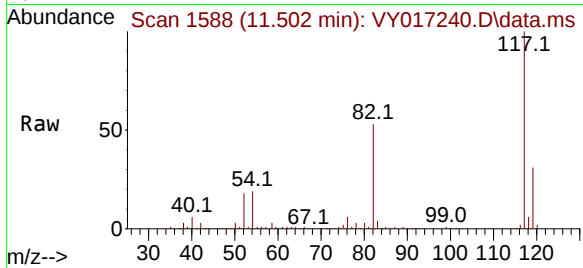




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017240.D
Acq: 05 Feb 2024 19:35

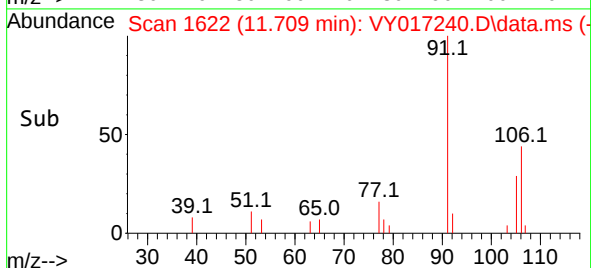
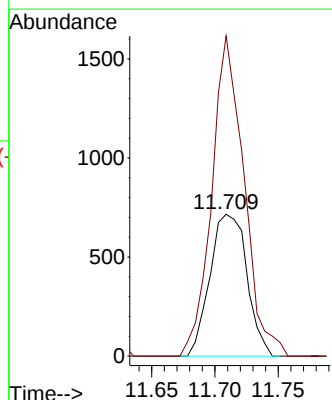
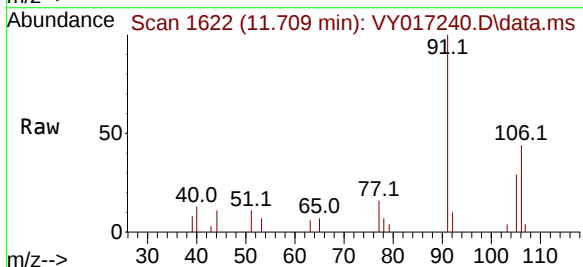
Instrument :
MSVOA_Y
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EB-2-0-2D

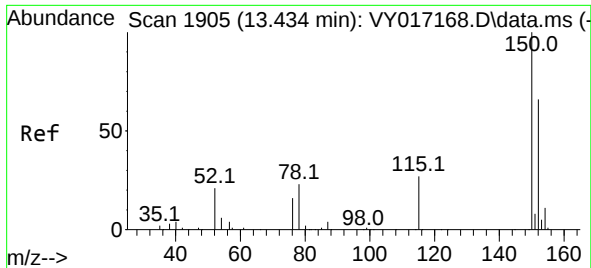
Tgt Ion:117 Resp: 102831
Ion Ratio Lower Upper
117 100
82 52.7 43.8 65.8
119 30.9 26.5 39.7



#68
m/p-Xylenes
Concen: 1.066 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.000 min
Lab File: VY017240.D
Acq: 05 Feb 2024 19:35

Tgt Ion:106 Resp: 1451
Ion Ratio Lower Upper
106 100
91 197.1 160.7 241.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY017240.D

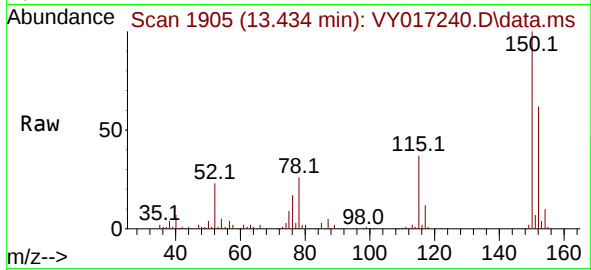
Acq: 05 Feb 2024 19:35

Instrument :

MSVOA_Y

ClientSampleId :

EB-2-0-2D



Tgt Ion:152 Resp: 38064

Ion Ratio Lower Upper

152 100

115 58.2 30.0 90.0

150 156.4 0.0 344.6

