

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031524\
 Data File : VY017683.D
 Acq On : 15 Mar 2024 19:20
 Operator : SY/MD
 Sample : P1774-01
 Misc : 6.22g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP3

Quant Time: Mar 16 00:20:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

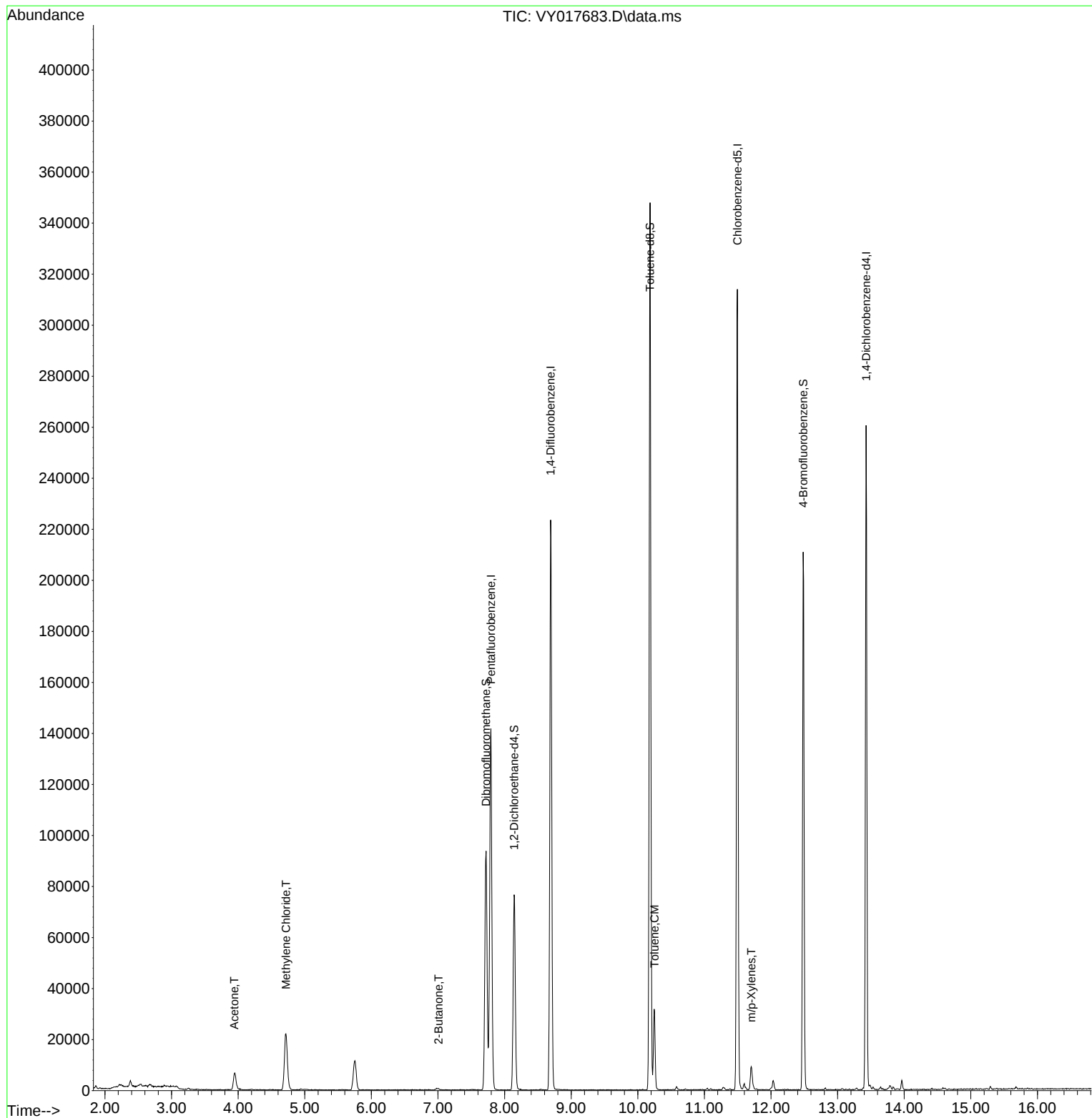
Internal Standards						
1) Pentafluorobenzene	7.795	168	117355	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	205794	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	183942	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	70696	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	57697	51.876	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.760%	
35) Dibromofluoromethane	7.722	113	66940	46.679	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 93.360%	
50) Toluene-d8	10.185	98	233566	46.583	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 93.160%	
62) 4-Bromofluorobenzene	12.483	95	63363	40.211	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 80.420%	
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	12390	57.435	ug/l	90
20) Methylene Chloride	4.716	84	18611	10.339	ug/l	94
25) 2-Butanone	7.008	43	709	2.306	ug/l #	77
52) Toluene	10.252	92	13405	3.701	ug/l	94
68) m/p-Xylenes	11.703	106	3105	1.154	ug/l	91

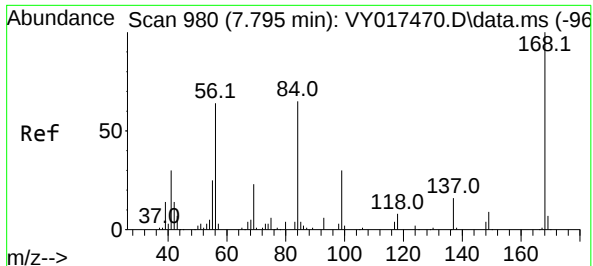
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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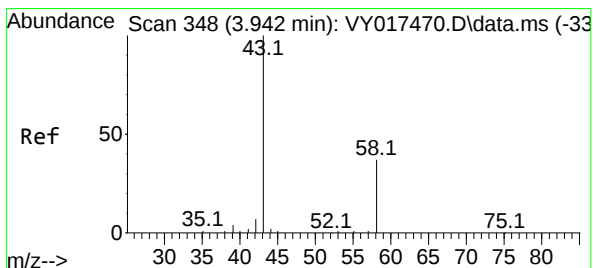
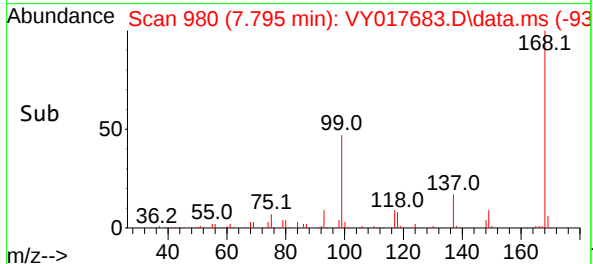
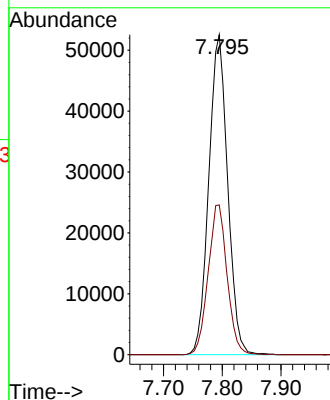
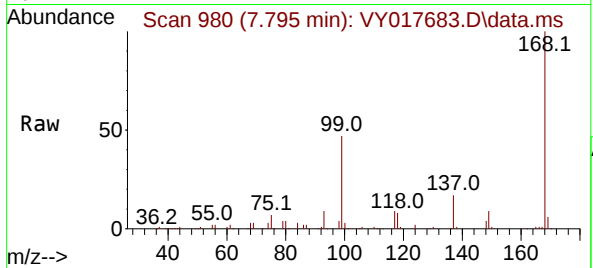




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017683.D
Acq: 15 Mar 2024 19:20

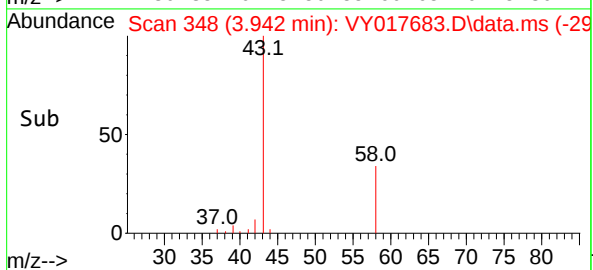
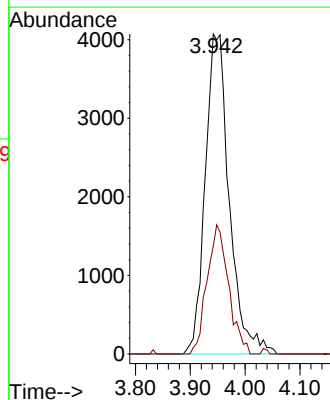
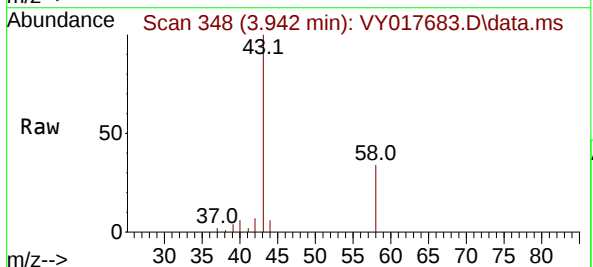
Instrument :
MSVOA_Y
ClientSampleId :
TP3

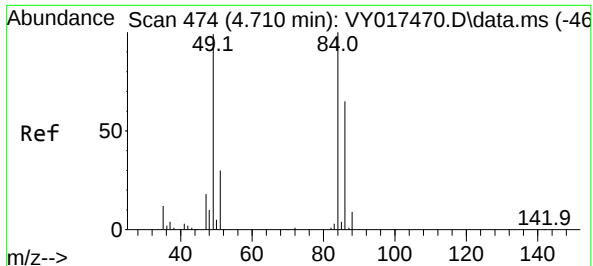
Tgt Ion:168 Resp: 117355
Ion Ratio Lower Upper
168 100
99 46.8 39.1 58.7



#16
Acetone
Concen: 57.435 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY017683.D
Acq: 15 Mar 2024 19:20

Tgt Ion: 43 Resp: 12390
Ion Ratio Lower Upper
43 100
58 33.7 31.7 47.5





#20

Methylene Chloride

Concen: 10.339 ug/l

RT: 4.716 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY017683.D

Acq: 15 Mar 2024 19:20

Instrument :

MSVOA_Y

ClientSampleId :

TP3

Tgt Ion: 84 Resp: 18611

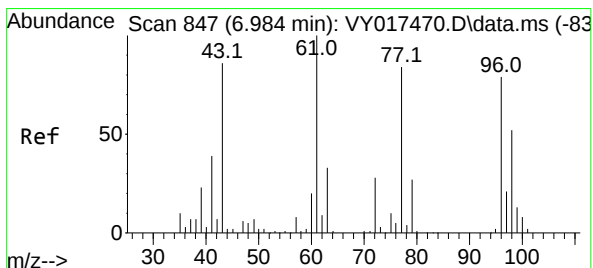
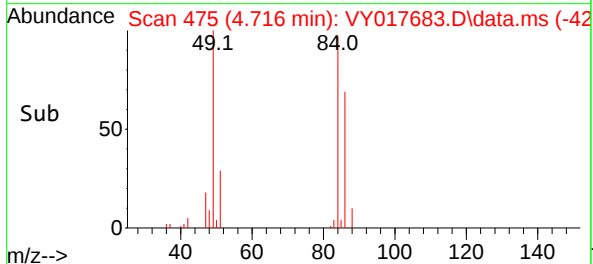
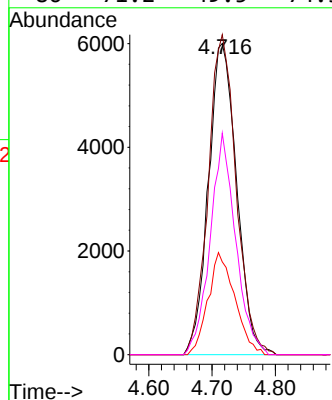
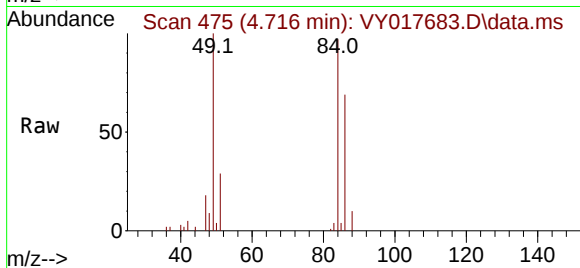
Ion Ratio Lower Upper

84 100

49 102.8 84.4 126.6

51 29.8 26.0 39.0

86 71.2 49.5 74.3



#25

2-Butanone

Concen: 2.306 ug/l

RT: 7.008 min Scan# 851

Delta R.T. 0.024 min

Lab File: VY017683.D

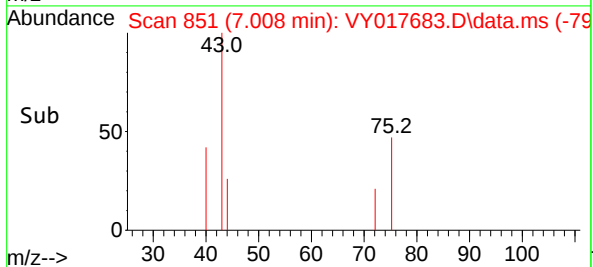
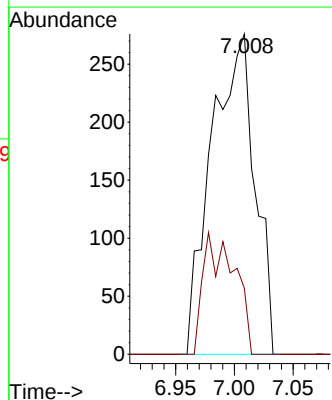
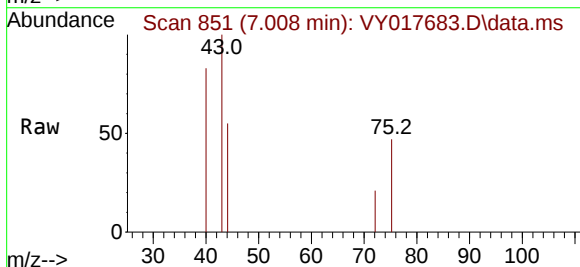
Acq: 15 Mar 2024 19:20

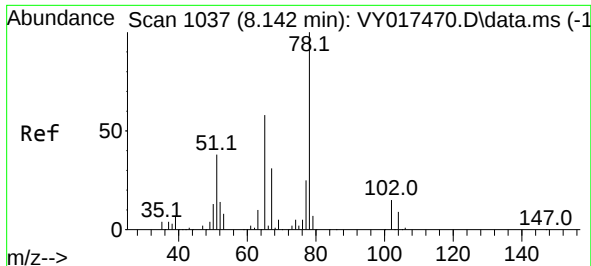
Tgt Ion: 43 Resp: 709

Ion Ratio Lower Upper

43 100

72 20.7 27.3 40.9#





#33

1,2-Dichloroethane-d4

Concen: 51.876 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY017683.D

Acq: 15 Mar 2024 19:20

Instrument :

MSVOA_Y

ClientSampleId :

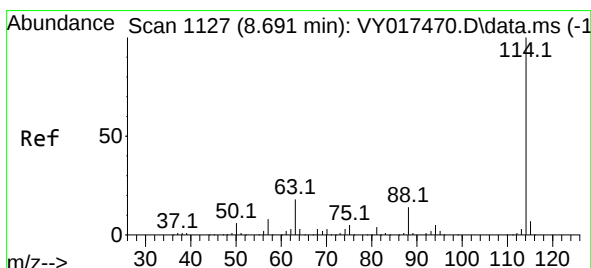
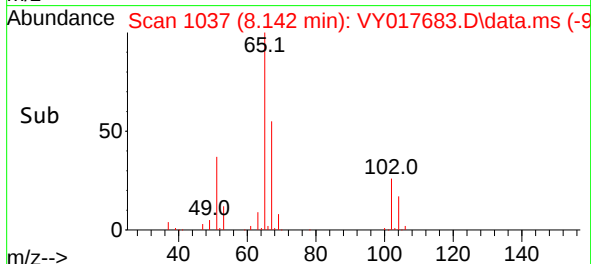
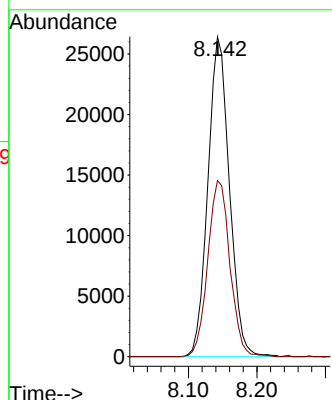
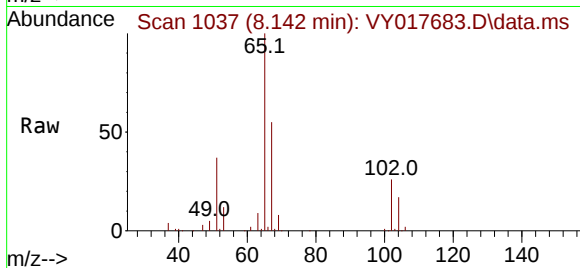
TP3

Tgt Ion: 65 Resp: 57697

Ion Ratio Lower Upper

65 100

67 56.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY017683.D

Acq: 15 Mar 2024 19:20

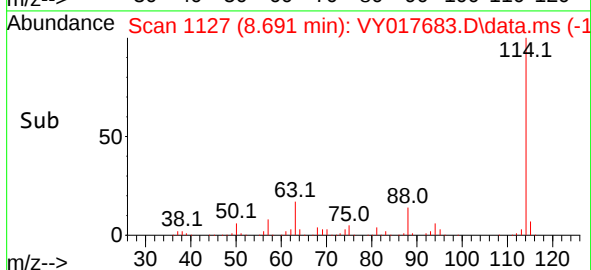
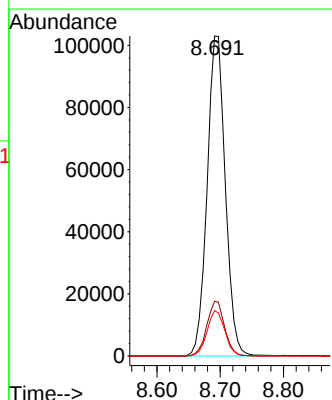
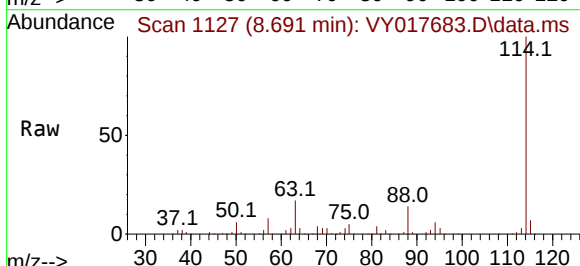
Tgt Ion: 114 Resp: 205794

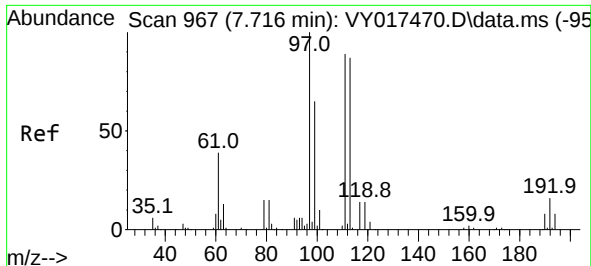
Ion Ratio Lower Upper

114 100

63 17.1 0.0 35.0

88 14.2 0.0 27.2

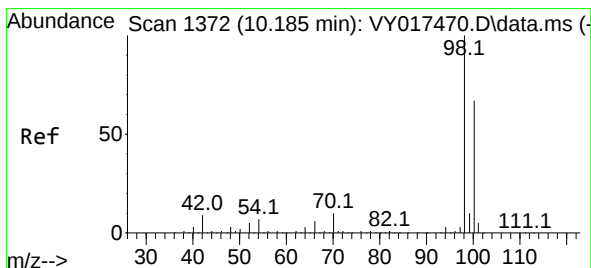
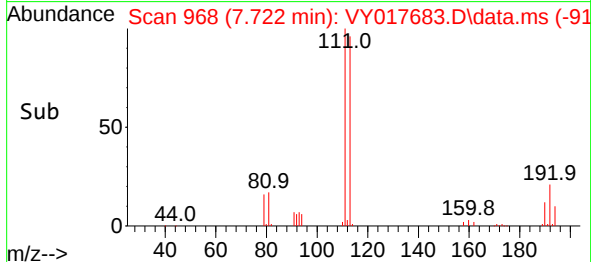
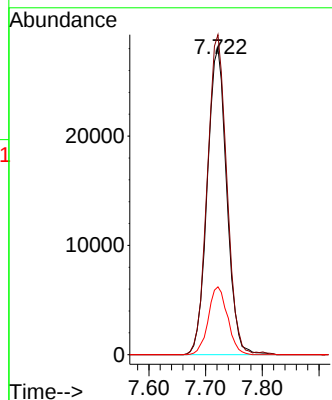
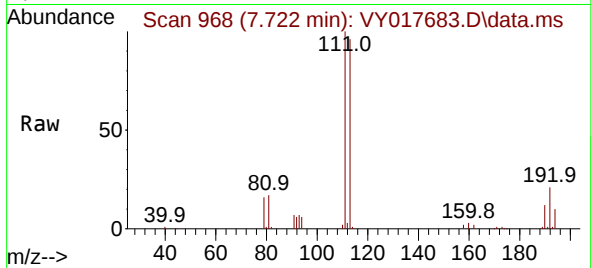




#35
Dibromofluoromethane
Concen: 46.679 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY017683.D
Acq: 15 Mar 2024 19:20

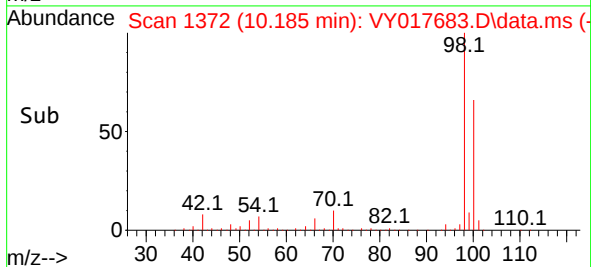
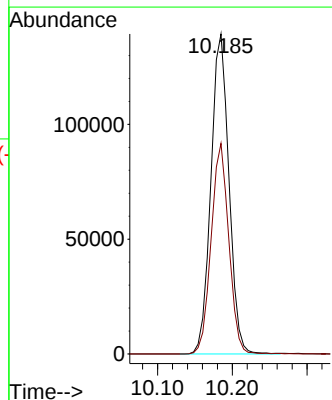
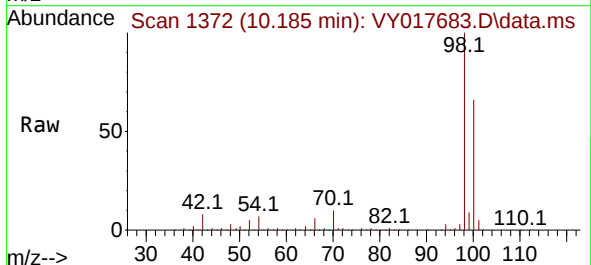
Instrument :
MSVOA_Y
ClientSampleId :
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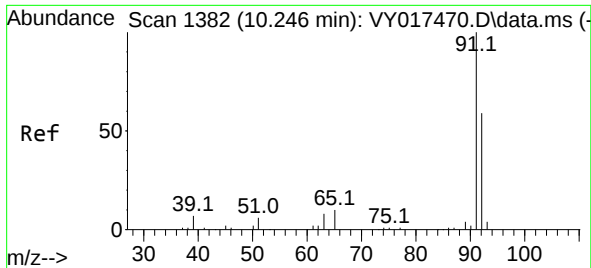
Tgt Ion:113 Resp: 66940
Ion Ratio Lower Upper
113 100
111 104.8 82.2 123.4
192 21.9 15.9 23.9



#50
Toluene-d8
Concen: 46.583 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017683.D
Acq: 15 Mar 2024 19:20

Tgt Ion: 98 Resp: 233566
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0

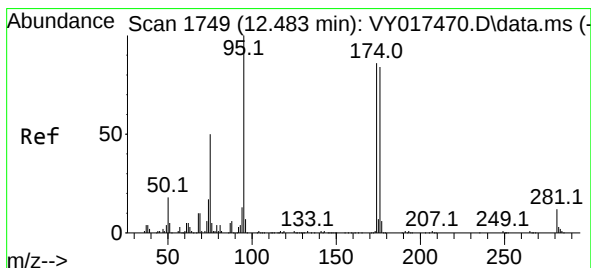
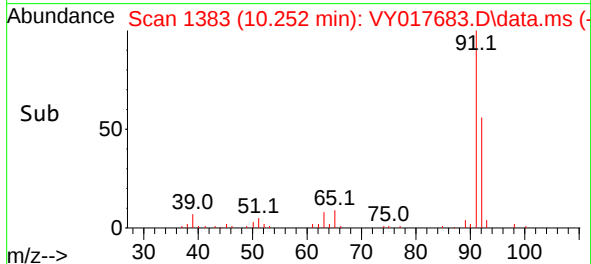
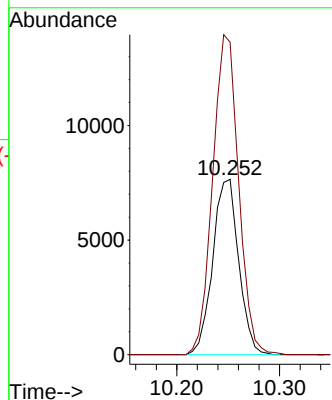
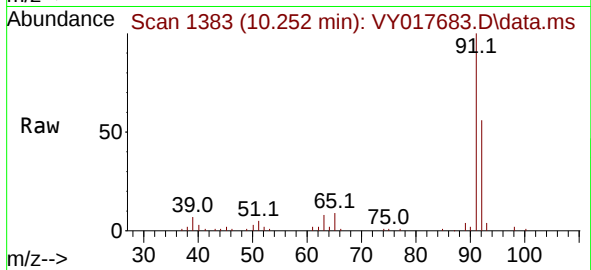




#52
Toluene
Concen: 3.701 ug/l
RT: 10.252 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017683.D
Acq: 15 Mar 2024 19:20

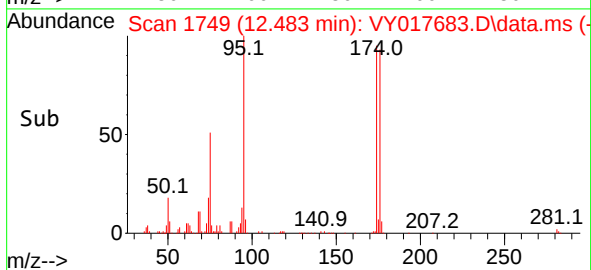
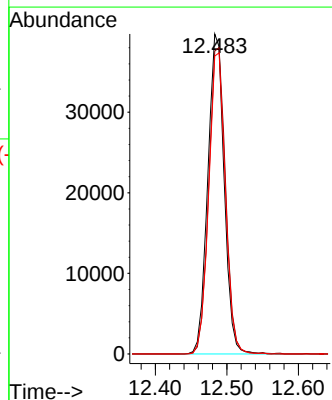
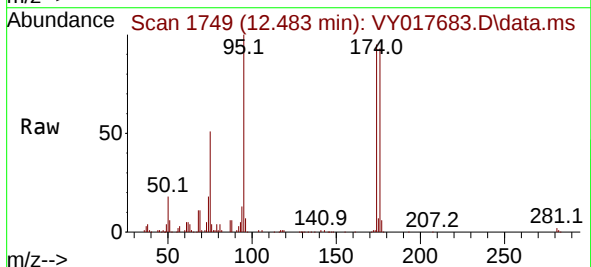
Instrument :
MSVOA_Y
ClientSampleId :
TP3

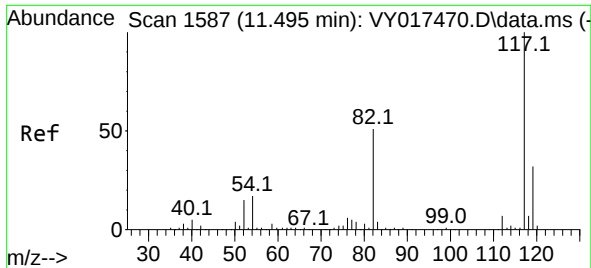
Tgt Ion: 92 Resp: 13405
Ion Ratio Lower Upper
92 100
91 182.5 139.0 208.6



#62
4-Bromofluorobenzene
Concen: 40.211 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017683.D
Acq: 15 Mar 2024 19:20

Tgt Ion: 95 Resp: 63363
Ion Ratio Lower Upper
95 100
174 98.1 0.0 175.6
176 95.0 0.0 171.4

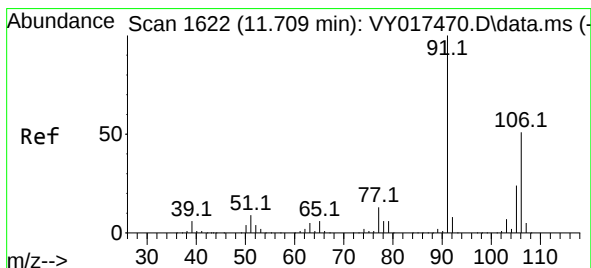
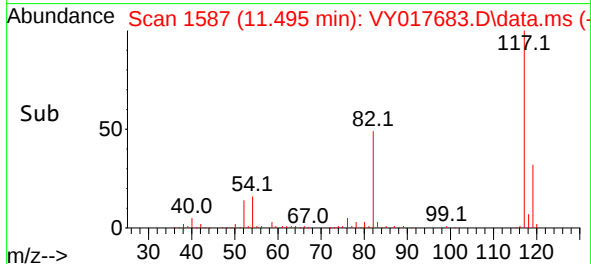
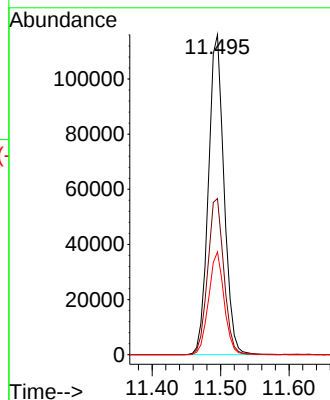
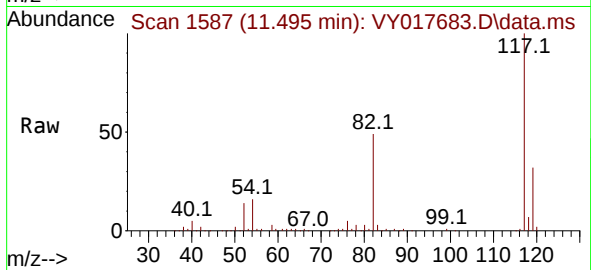




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY017683.D
Acq: 15 Mar 2024 19:20

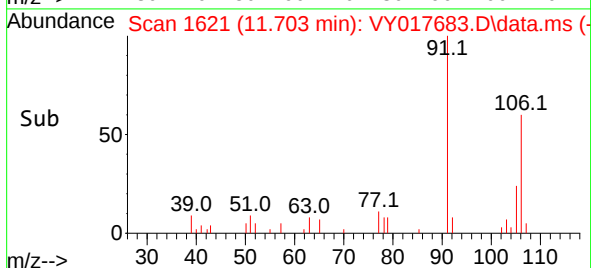
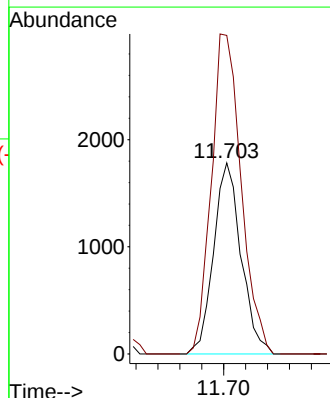
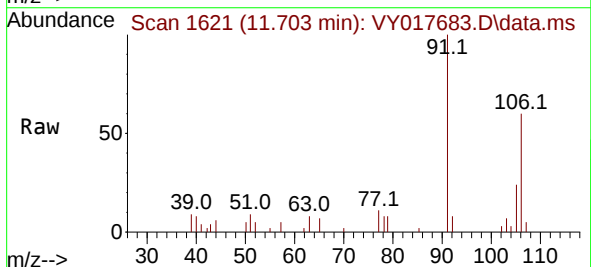
Instrument :
MSVOA_Y
ClientSampleId :
TP3

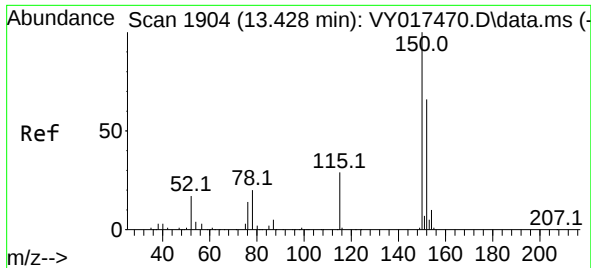
Tgt Ion:117 Resp: 183942
Ion Ratio Lower Upper
117 100
82 48.8 42.4 63.6
119 32.1 25.9 38.9



#68
m/p-Xylenes
Concen: 1.154 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.006 min
Lab File: VY017683.D
Acq: 15 Mar 2024 19:20

Tgt Ion:106 Resp: 3105
Ion Ratio Lower Upper
106 100
91 181.9 156.0 234.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY017683.D

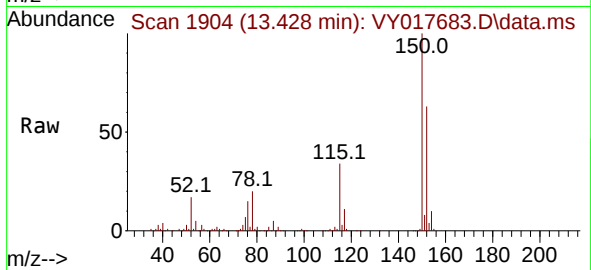
Acq: 15 Mar 2024 19:20

Instrument :

MSVOA_Y

ClientSampleId :

TP3



Tgt Ion:152 Resp: 70696

Ion Ratio Lower Upper

152 100

115 53.1 28.2 84.7

150 157.0 0.0 345.6

