

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022924\
 Data File : VY017534.D
 Acq On : 29 Feb 2024 17:41
 Operator : SY/MD
 Sample : P1653-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 294

Quant Time: Mar 01 00:33:10 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)

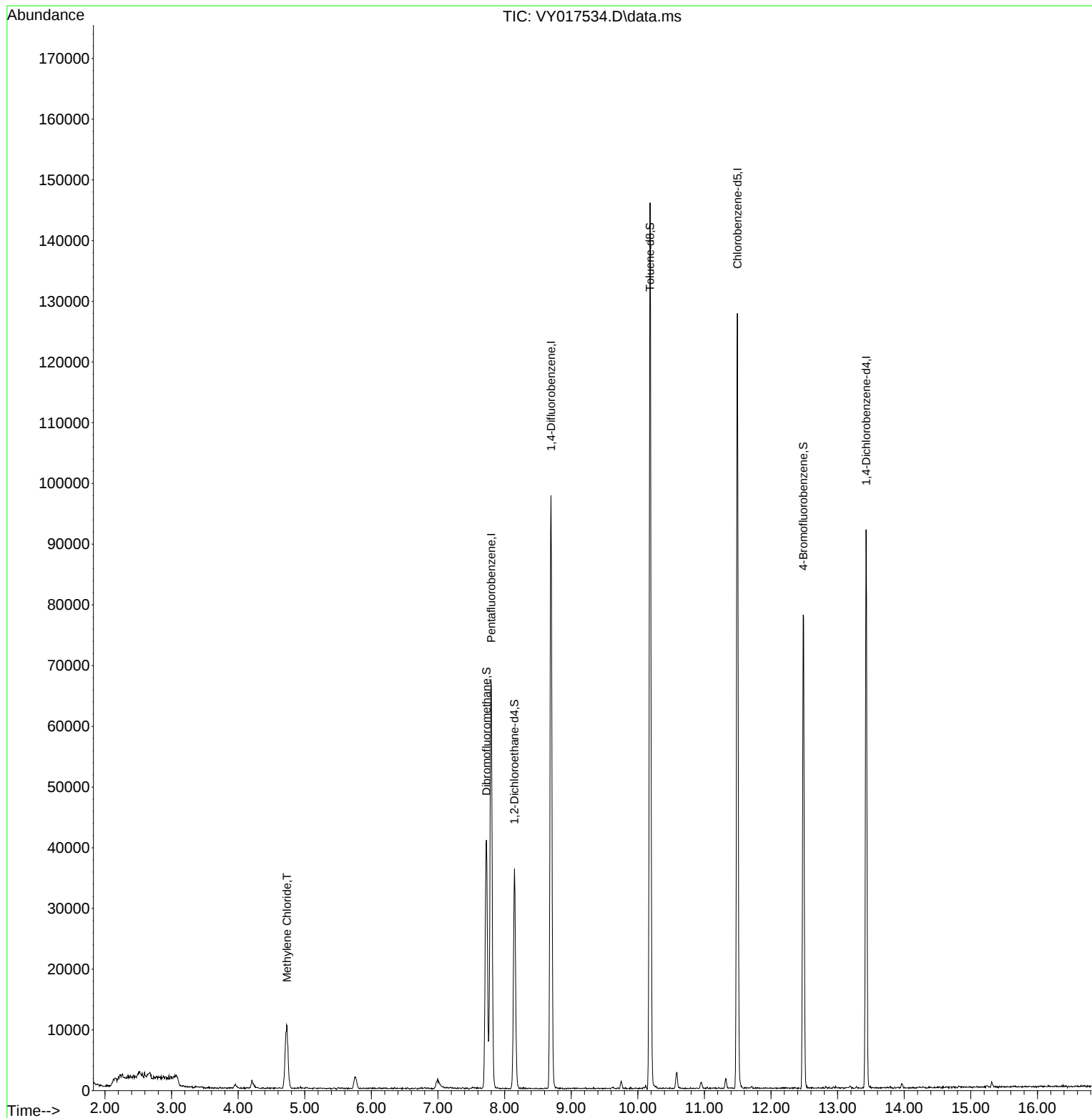
Internal Standards						
1) Pentafluorobenzene	7.801	168	56725	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	89117	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	75293	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	26011	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	26620	49.516	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.040%
35) Dibromofluoromethane	7.728	113	30394	48.944	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.880%
50) Toluene-d8	10.185	98	100558	46.314	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.620%
62) 4-Bromofluorobenzene	12.483	95	23488	34.422	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	68.840%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.735	84	8681	9.762	ug/l	94

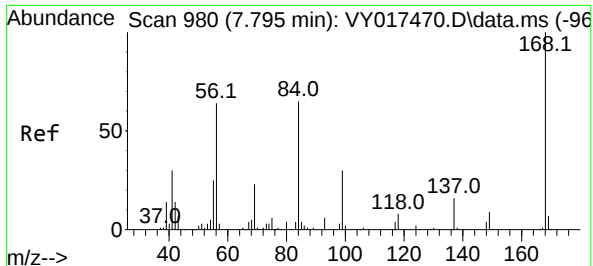
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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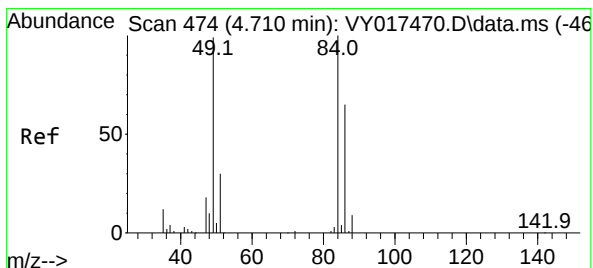
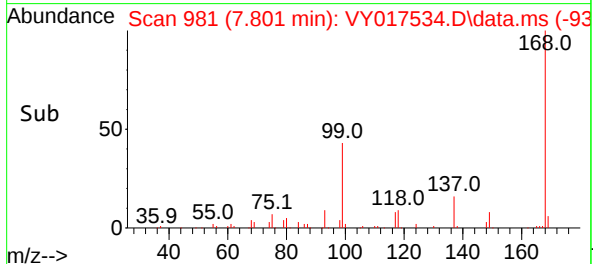
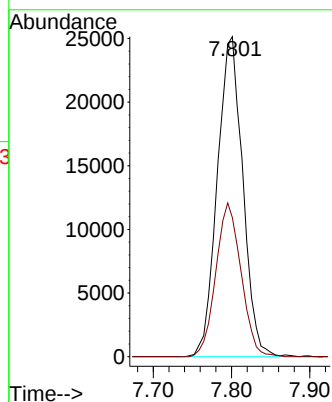
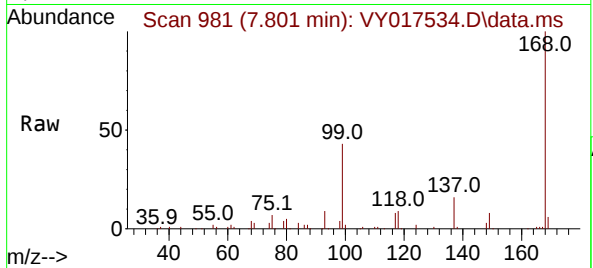




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017534.D
Acq: 29 Feb 2024 17:41

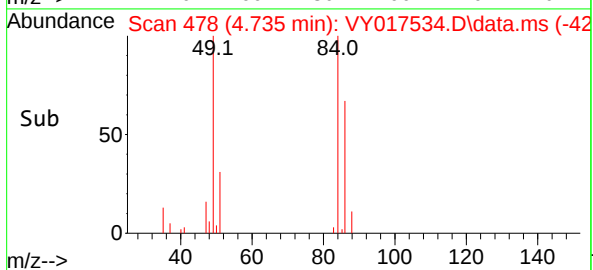
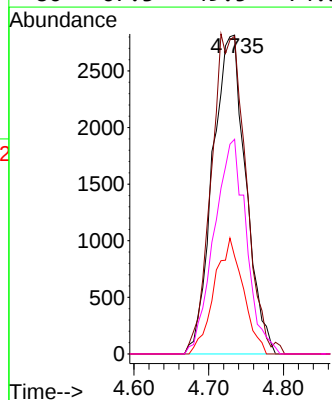
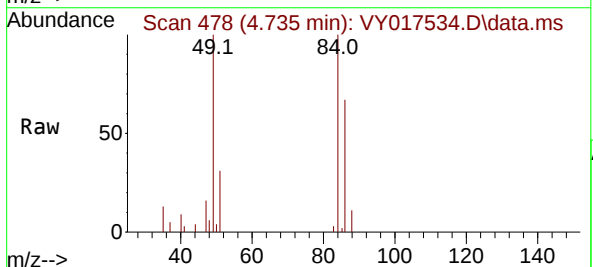
Instrument :
MSVOA_Y
ClientSampleId :
294

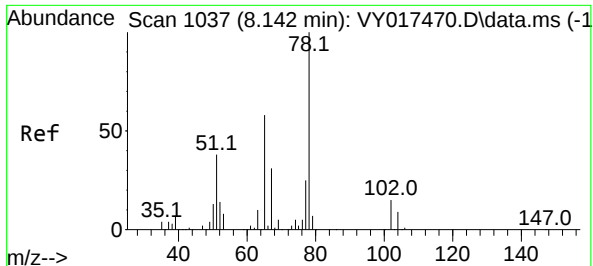
Tgt Ion:168 Resp: 56725
Ion Ratio Lower Upper
168 100
99 43.4 39.1 58.7



#20
Methylene Chloride
Concen: 9.762 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.025 min
Lab File: VY017534.D
Acq: 29 Feb 2024 17:41

Tgt Ion: 84 Resp: 8681
Ion Ratio Lower Upper
84 100
49 99.6 84.4 126.6
51 30.6 26.0 39.0
86 67.3 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 49.516 ug/l

RT: 8.149 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY017534.D

Acq: 29 Feb 2024 17:41

Instrument :

MSVOA_Y

ClientSampleId :

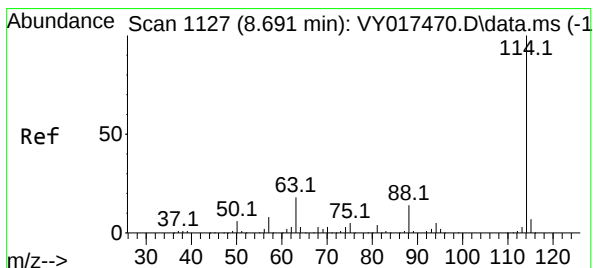
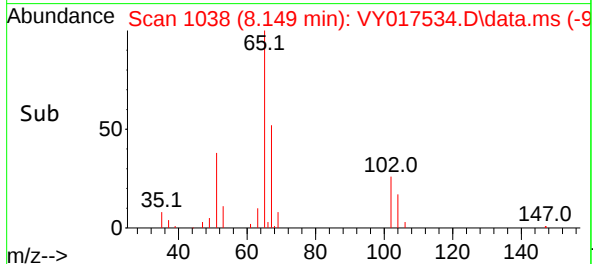
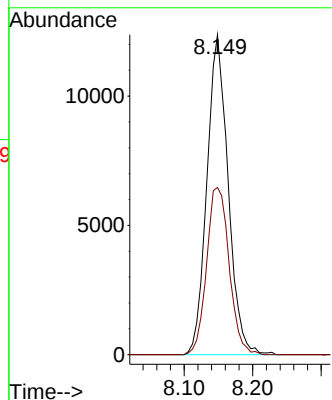
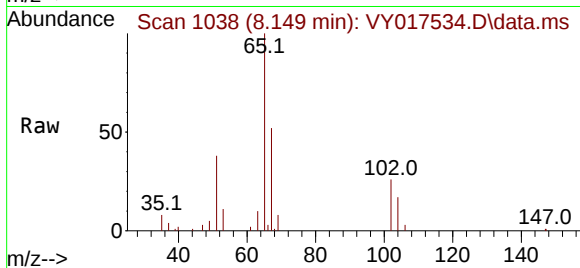
294

Tgt Ion: 65 Resp: 26620

Ion Ratio Lower Upper

65 100

67 55.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY017534.D

Acq: 29 Feb 2024 17:41

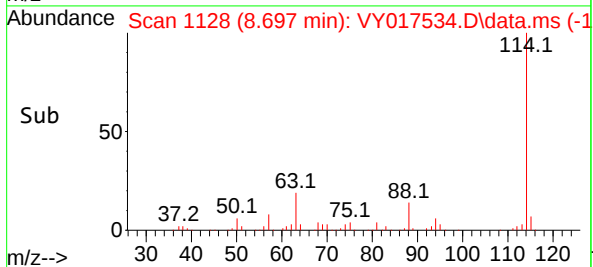
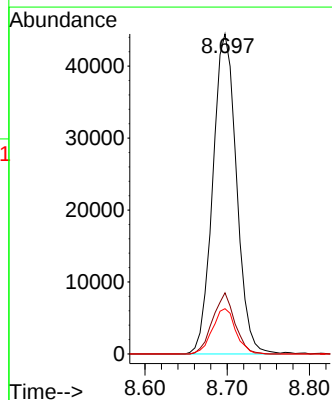
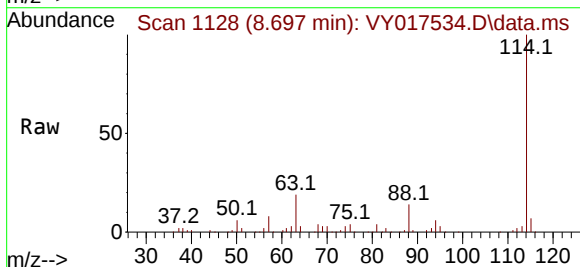
Tgt Ion: 114 Resp: 89117

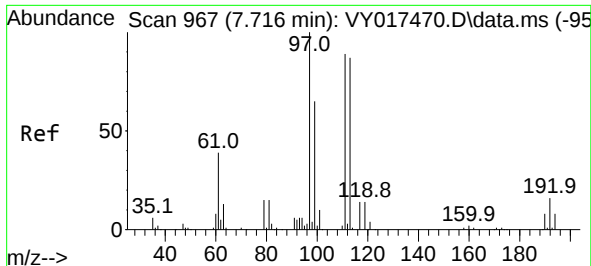
Ion Ratio Lower Upper

114 100

63 19.1 0.0 35.0

88 14.2 0.0 27.2

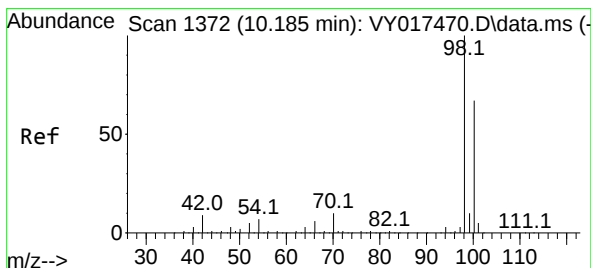
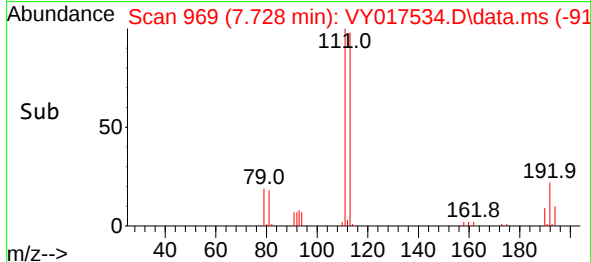
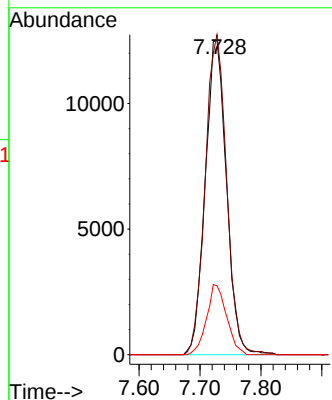
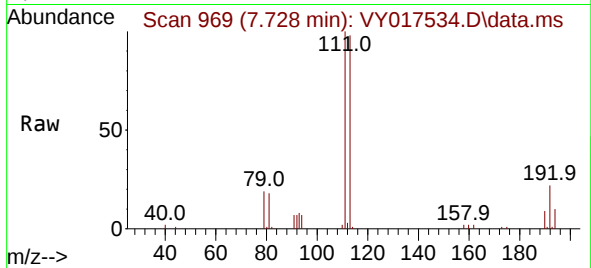




#35
Dibromofluoromethane
Concen: 48.944 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017534.D
Acq: 29 Feb 2024 17:41

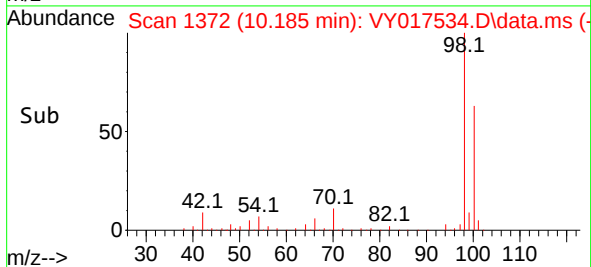
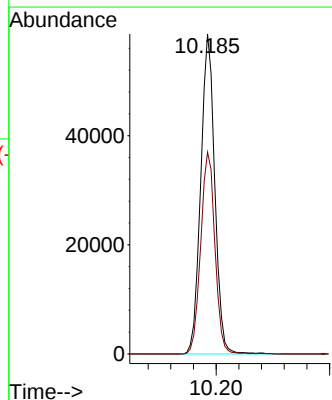
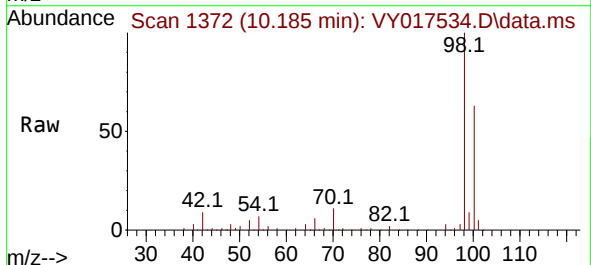
Instrument :
MSVOA_Y
ClientSampleId :
294

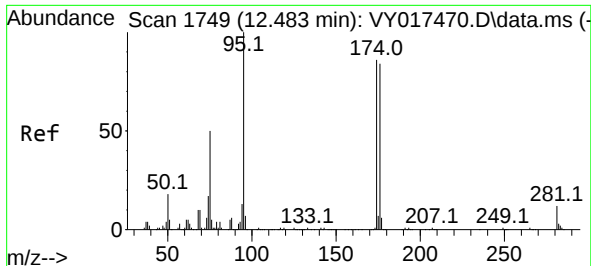
Tgt Ion:113 Resp: 30394
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.4
192 21.0 15.9 23.9



#50
Toluene-d8
Concen: 46.314 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017534.D
Acq: 29 Feb 2024 17:41

Tgt Ion: 98 Resp: 100558
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 34.422 ug/l

RT: 12.483 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017534.D

Acq: 29 Feb 2024 17:41

Instrument :

MSVOA_Y

ClientSampleId :

294

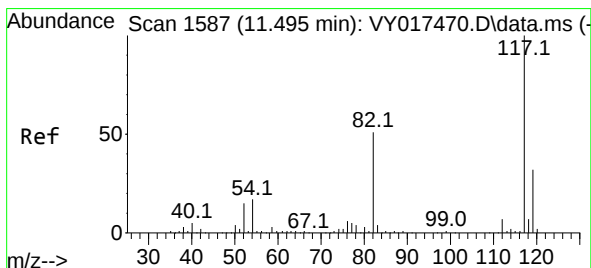
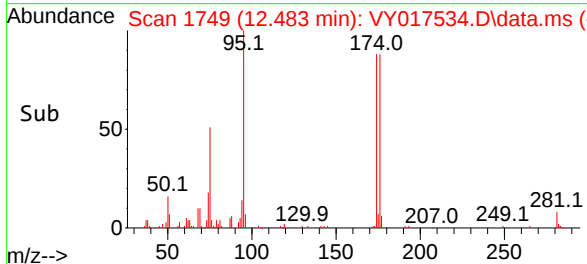
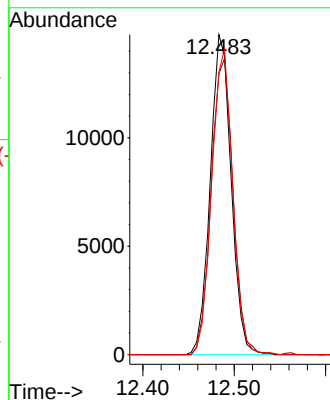
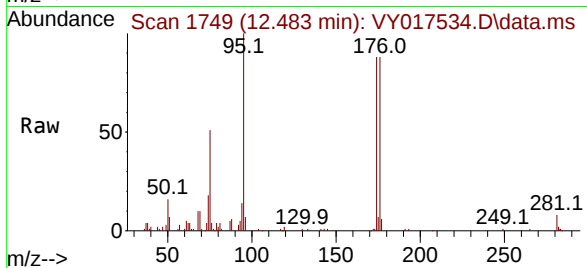
Tgt Ion: 95 Resp: 23488

Ion Ratio Lower Upper

95 100

174 96.1 0.0 175.6

176 96.0 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 1587

Delta R.T. 0.000 min

Lab File: VY017534.D

Acq: 29 Feb 2024 17:41

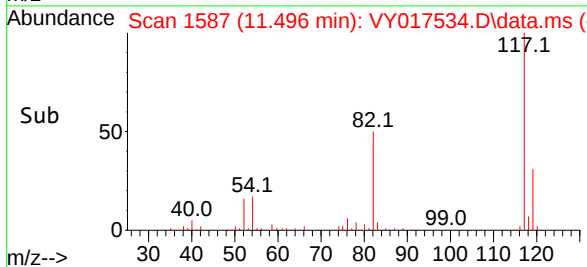
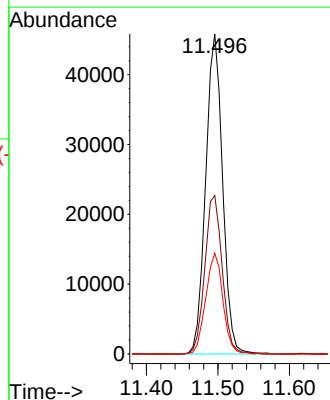
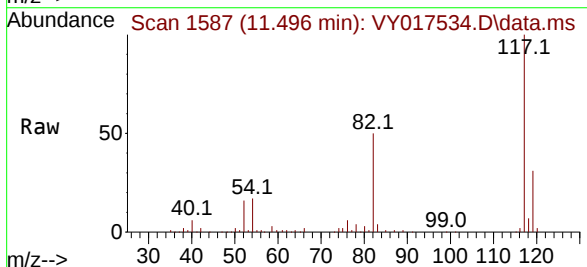
Tgt Ion: 117 Resp: 75293

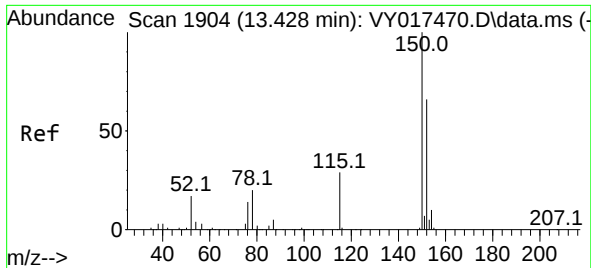
Ion Ratio Lower Upper

117 100

82 49.5 42.4 63.6

119 31.4 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY017534.D

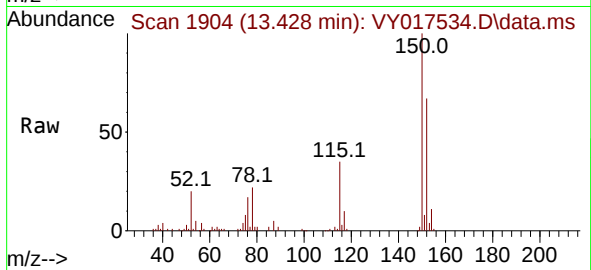
Acq: 29 Feb 2024 17:41

Instrument :

MSVOA_Y

ClientSampleId :

294



Tgt Ion:152 Resp: 26011

Ion Ratio Lower Upper

152 100

115 53.1 28.2 84.7

150 156.0 0.0 345.6

