

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122222\
 Data File : VY011975.D
 Acq On : 22 Dec 2022 15:25
 Operator : KP/MD
 Sample : N6151-05
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FS-01-(0-2)

Quant Time: Dec 23 04:32:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	1285	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	2897	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	2280	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	459	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	1014	78.325	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	156.640%
35) Dibromofluoromethane	7.722	113	468	26.834	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	53.660%#
50) Toluene-d8	10.184	98	3146	44.459	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.920%
62) 4-Bromofluorobenzene	12.489	95	466	19.581	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	39.160%

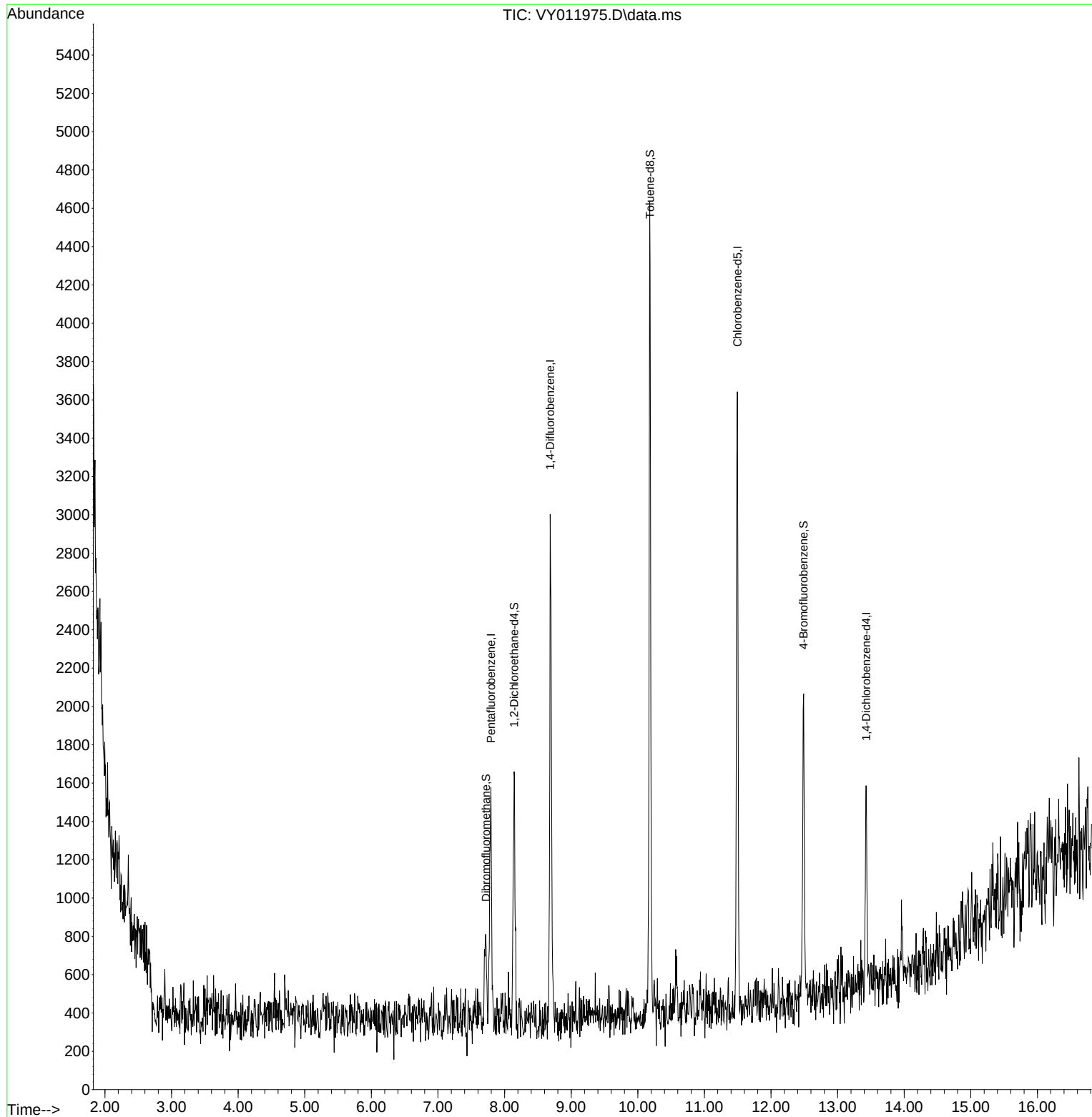
Target Compounds	Qvalue

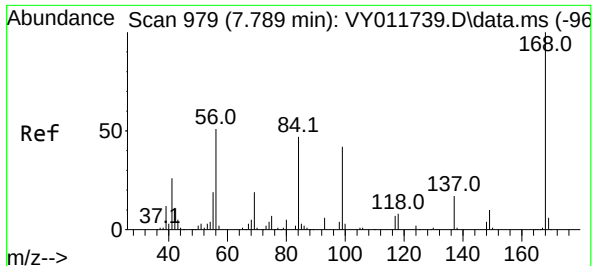
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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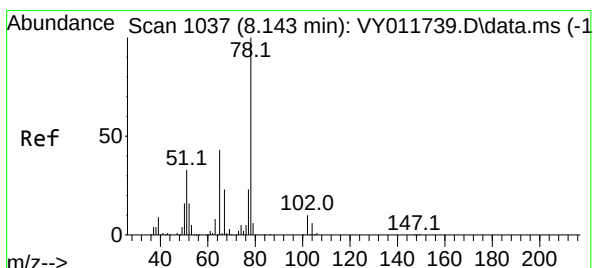
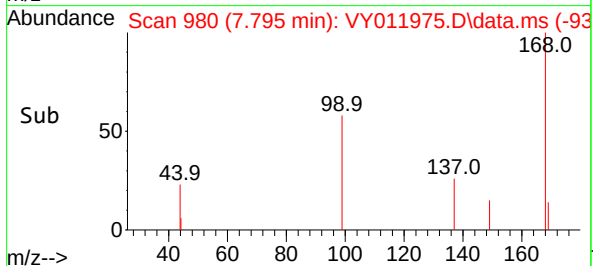
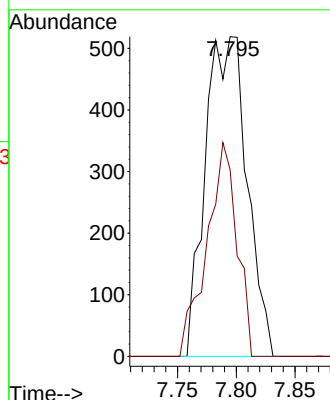
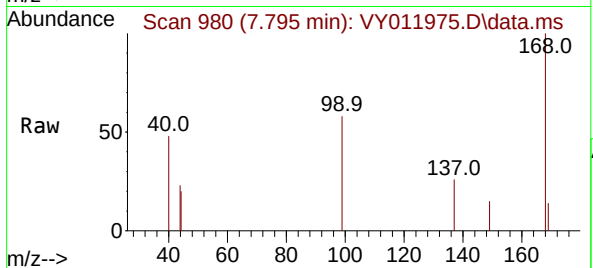




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011975.D
Acq: 22 Dec 2022 15:25

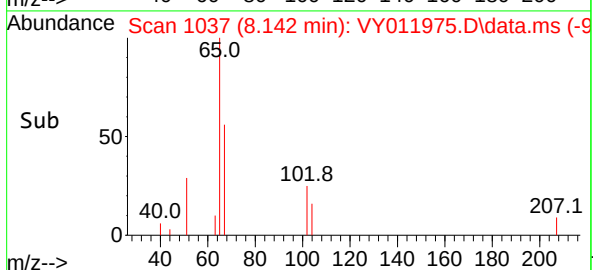
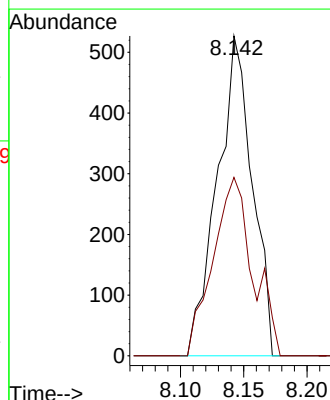
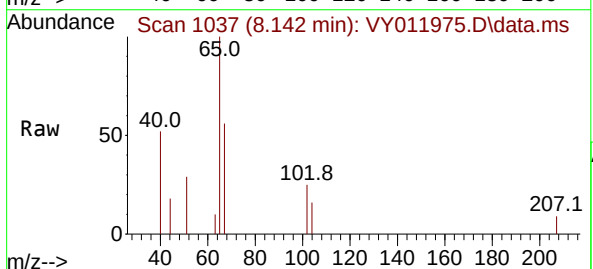
Instrument :
MSVOA_Y
ClientSampleId :
FS-01-(0-2)

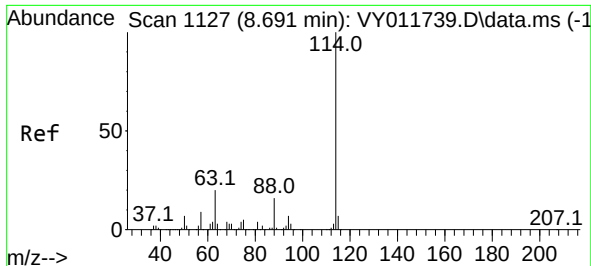
Tgt Ion:168 Resp: 1285
Ion Ratio Lower Upper
168 100
99 58.4 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 78.325 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011975.D
Acq: 22 Dec 2022 15:25

Tgt Ion: 65 Resp: 1014
Ion Ratio Lower Upper
65 100
67 63.4 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY011975.D

Acq: 22 Dec 2022 15:25

Instrument :

MSVOA_Y

ClientSampleId :

FS-01-(0-2)

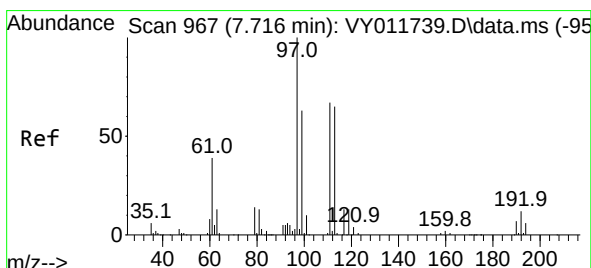
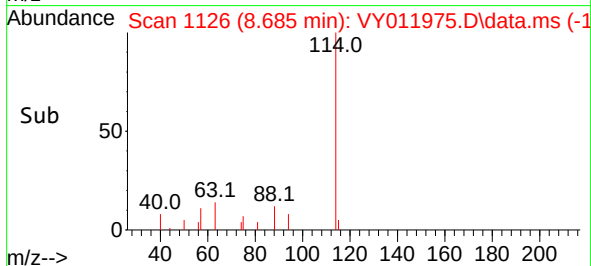
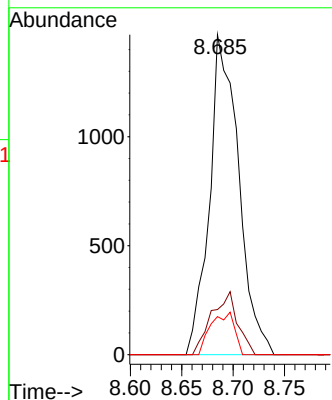
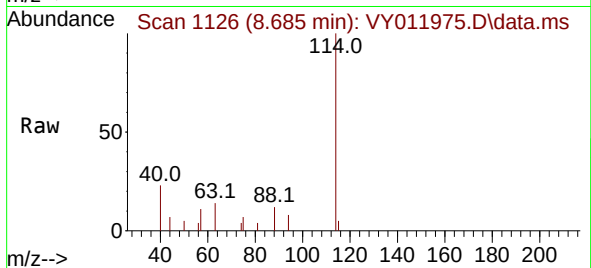
Tgt Ion:114 Resp: 2897

Ion Ratio Lower Upper

114 100

63 14.1 0.0 39.6

88 11.9 0.0 32.2



#35

Dibromofluoromethane

Concen: 26.834 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY011975.D

Acq: 22 Dec 2022 15:25

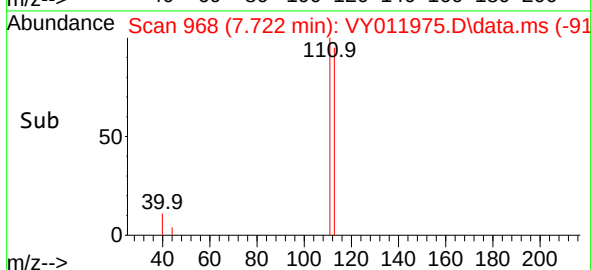
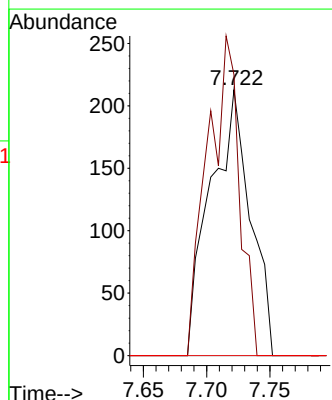
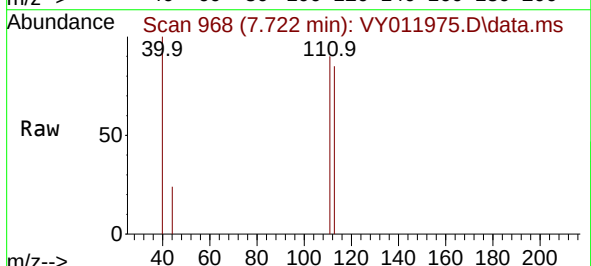
Tgt Ion:113 Resp: 468

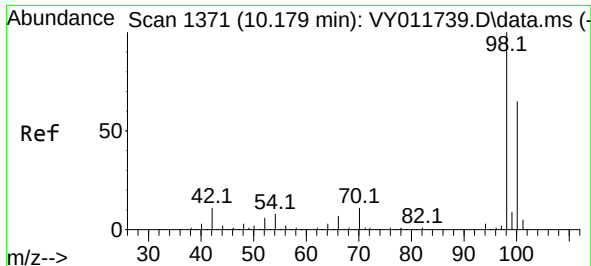
Ion Ratio Lower Upper

113 100

111 95.9 83.0 124.4

192 0.0 16.0 24.0#

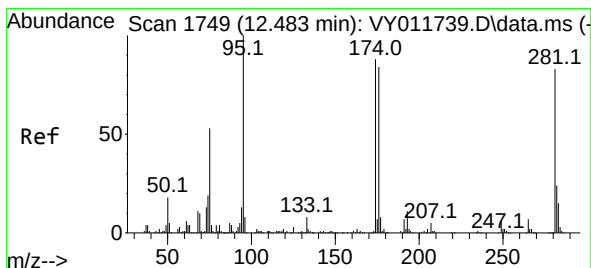
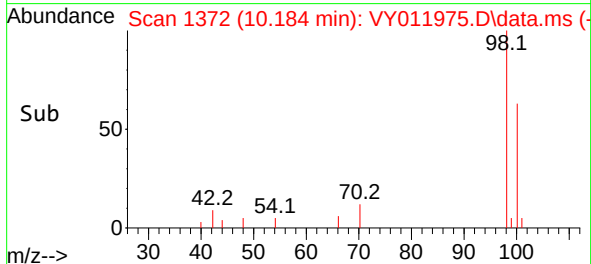
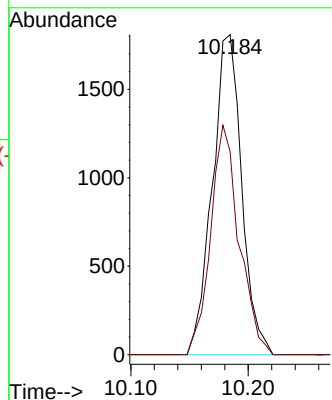
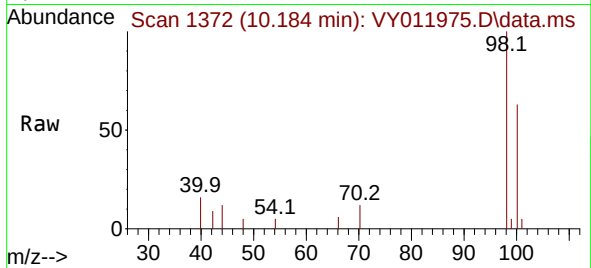




#50
Toluene-d8
Concen: 44.459 ug/l
RT: 10.184 min Scan# 11
Delta R.T. 0.005 min
Lab File: VY011975.D
Acq: 22 Dec 2022 15:25

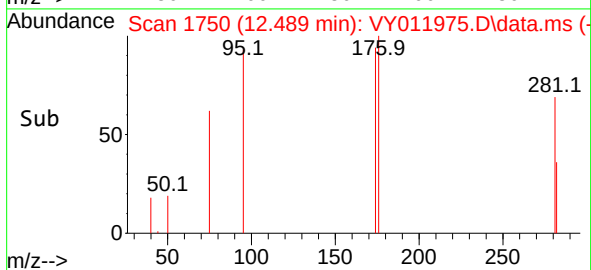
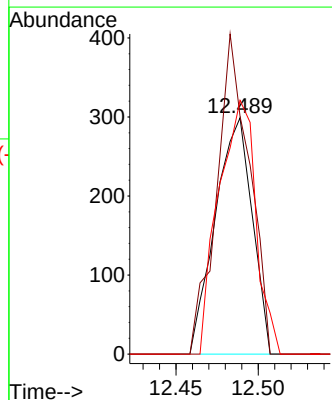
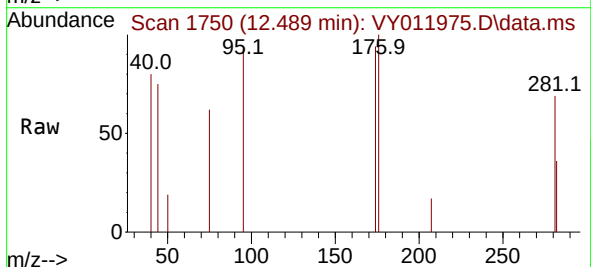
Instrument :
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ClientSampleId :
FS-01-(0-2)

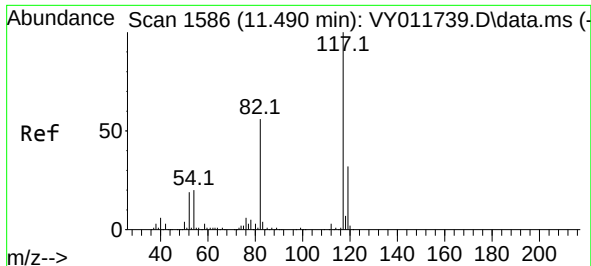
Tgt Ion: 98 Resp: 3146
Ion Ratio Lower Upper
98 100
100 69.6 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 19.581 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY011975.D
Acq: 22 Dec 2022 15:25

Tgt Ion: 95 Resp: 466
Ion Ratio Lower Upper
95 100
174 120.8 0.0 172.0
176 108.4 0.0 167.6

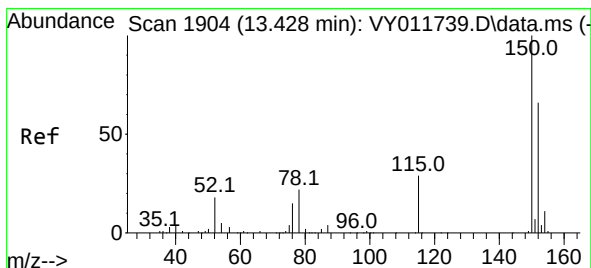
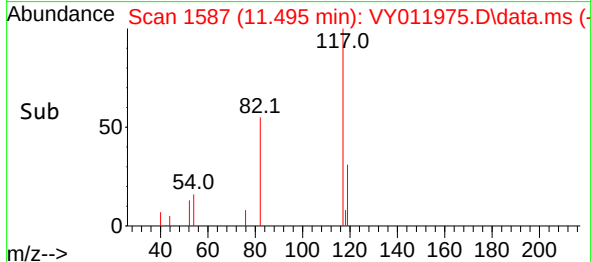
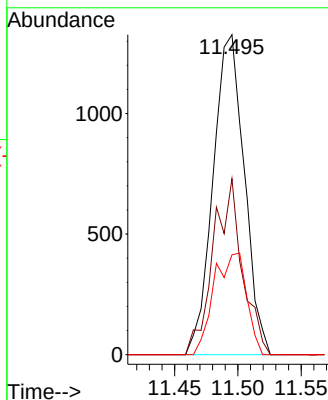
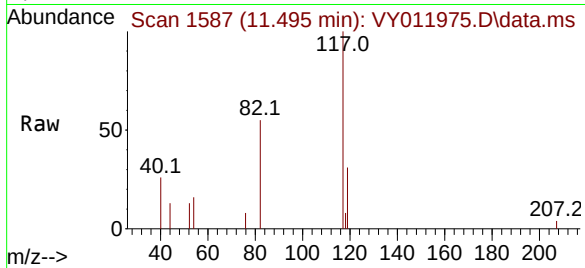




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY011975.D
Acq: 22 Dec 2022 15:25

Instrument :
MSVOA_Y
ClientSampleId :
FS-01-(0-2)

Tgt Ion:117 Resp: 2280
Ion Ratio Lower Upper
117 100
82 55.0 44.8 67.2
119 31.2 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY011975.D
Acq: 22 Dec 2022 15:25

Tgt Ion:152 Resp: 459
Ion Ratio Lower Upper
152 100
115 53.8 29.1 87.3
150 151.9 0.0 342.6

