

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
 Data File : VY007196.D
 Acq On : 17 Jan 2022 19:11
 Operator : SY/MD
 Sample : N1166-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-01-011422

Quant Time: Jan 18 03:11:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	1777	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	4318	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	5042	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2179	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	2474	113.465	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	226.940%#
35) Dibromofluoromethane	7.722	113	1755	60.107	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	120.220%
50) Toluene-d8	10.185	98	5202	48.760	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.520%
62) 4-Bromofluorobenzene	12.477	95	2749	72.437	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	144.880%#

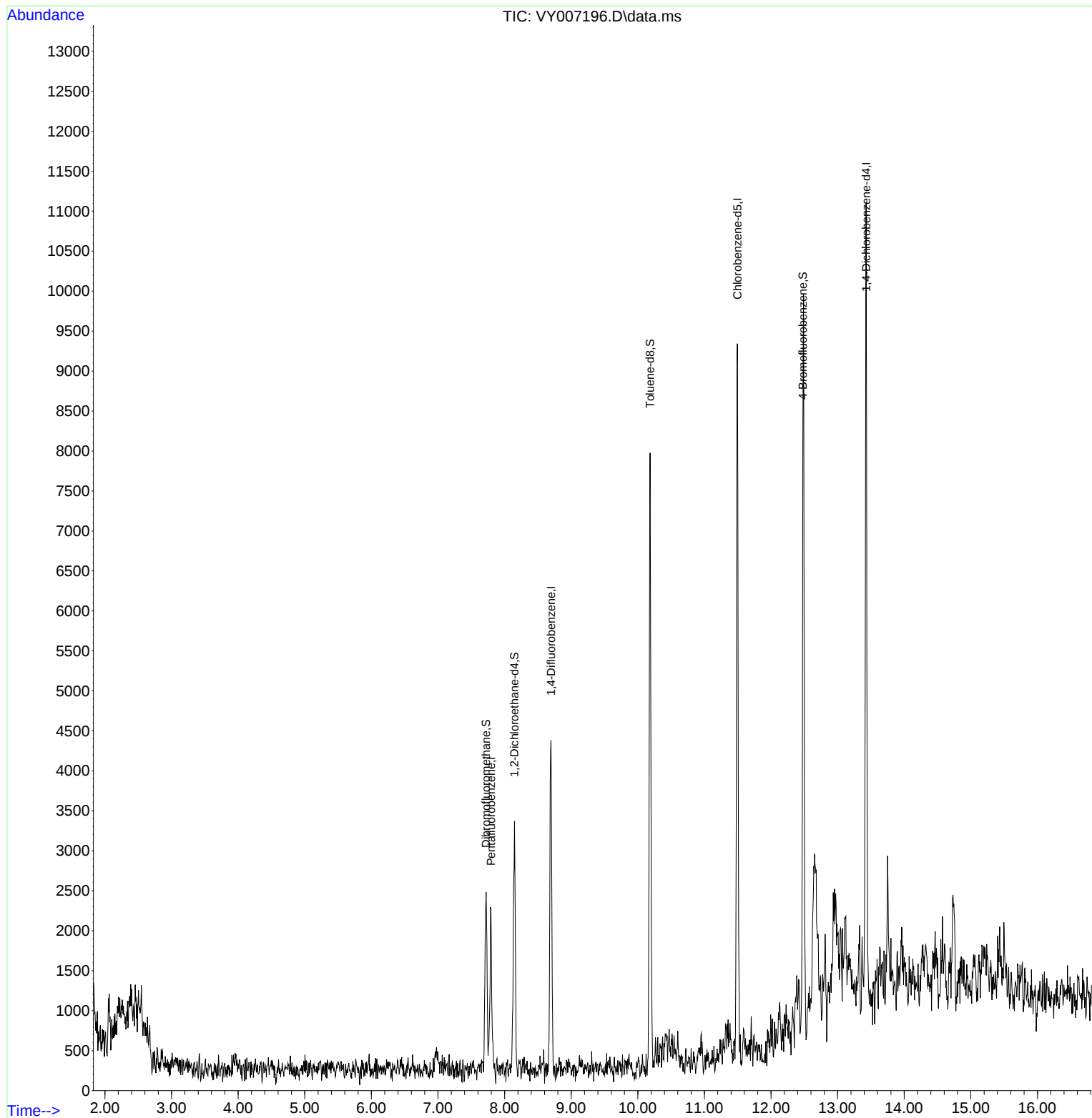
Target Compounds	Qvalue

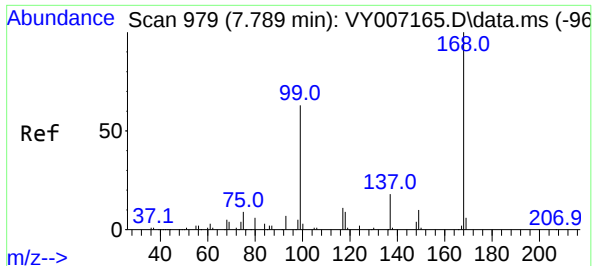
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.795 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY007196.D

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Instrument :

MSVOA_Y

ClientSampleId :

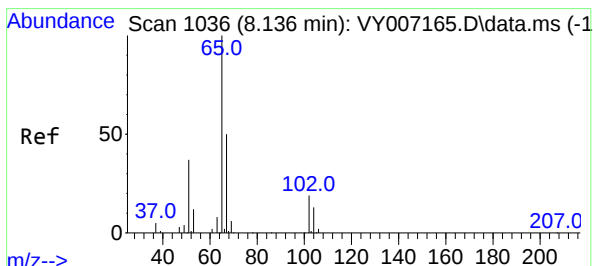
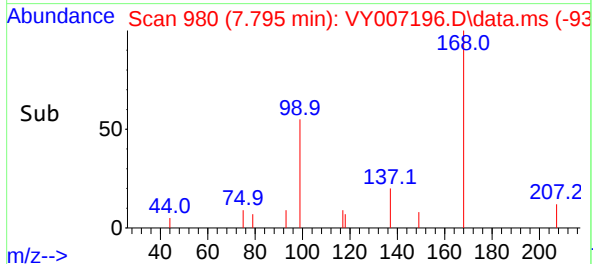
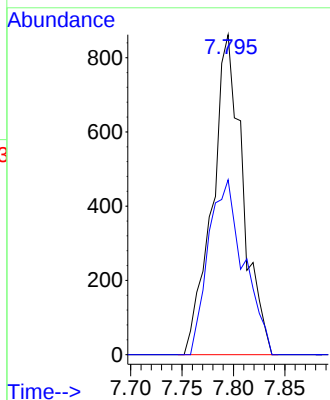
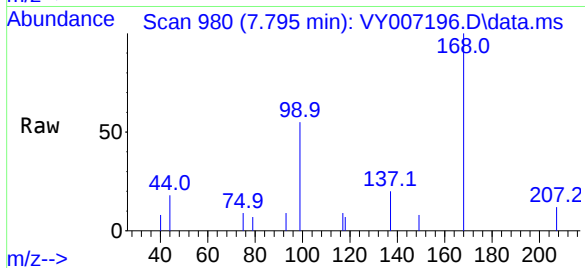
SU-01-011422

Tgt Ion:168 Resp: 1777

Ion Ratio Lower Upper

168 100

99 54.6 49.1 73.7



#33

1,2-Dichloroethane-d4

Concen: 113.465 ug/l

RT: 8.148 min Scan# 1038

Delta R.T. 0.006 min

Lab File: VY007196.D

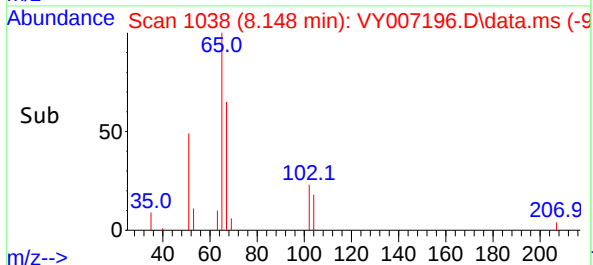
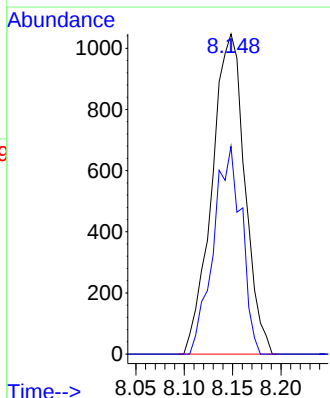
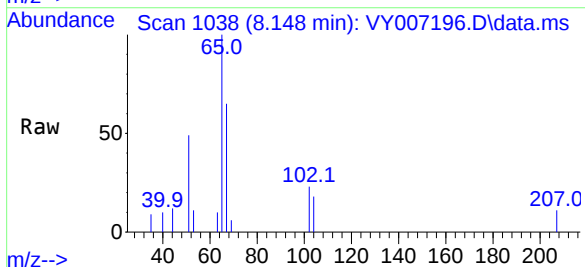
Acq: 17 Jan 2022 19:11

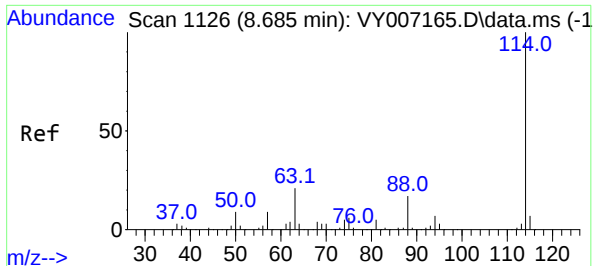
Tgt Ion: 65 Resp: 2474

Ion Ratio Lower Upper

65 100

67 55.6 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY007196.D

Acq: 17 Jan 2022 19:11

Instrument :

MSVOA_Y

ClientSampleId :

SU-01-011422

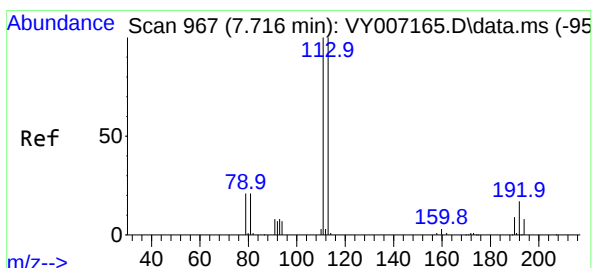
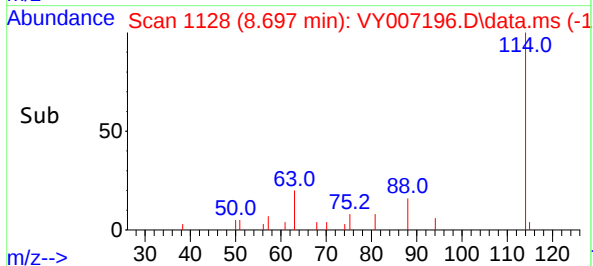
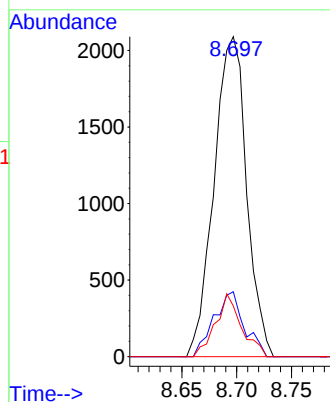
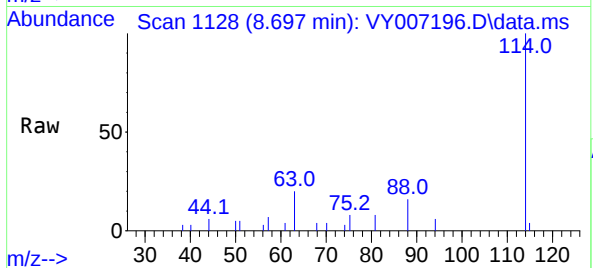
Tgt Ion:114 Resp: 4318

Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.2

88 15.8 0.0 31.0



#35

Dibromofluoromethane

Concen: 60.107 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY007196.D

Acq: 17 Jan 2022 19:11

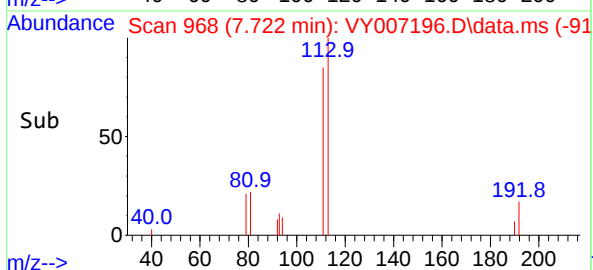
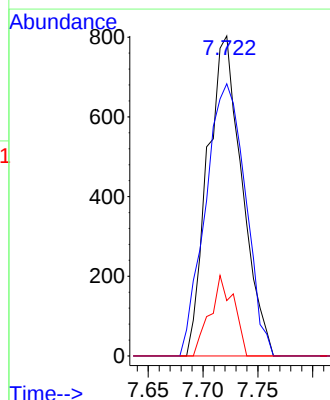
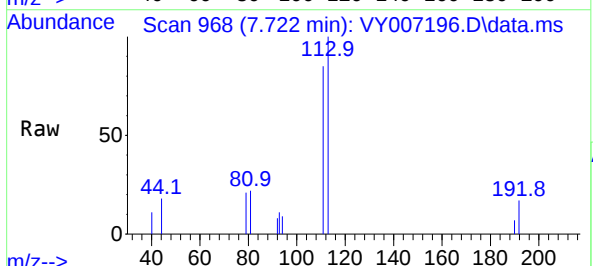
Tgt Ion:113 Resp: 1755

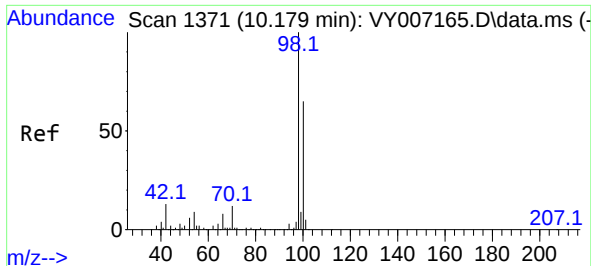
Ion Ratio Lower Upper

113 100

111 98.6 82.2 123.4

192 17.3 14.2 21.4

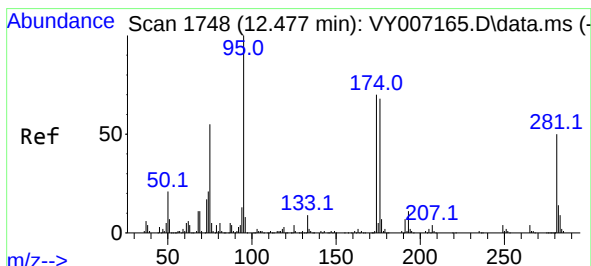
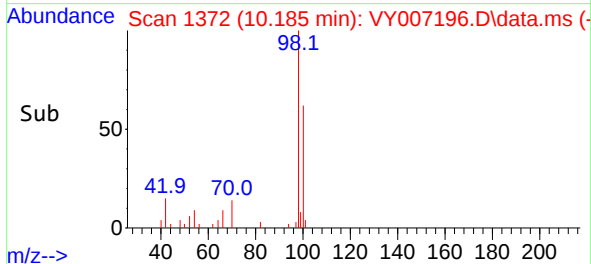
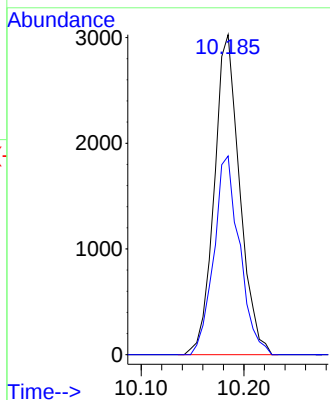
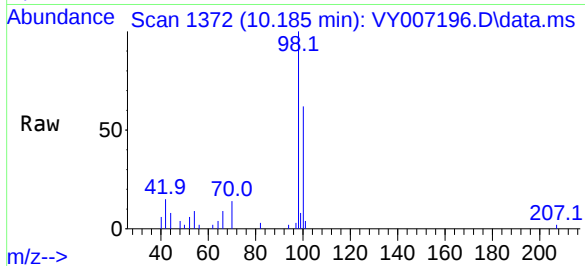




#50
Toluene-d8
Concen: 48.760 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007196.D
Acq: 17 Jan 2022 19:11

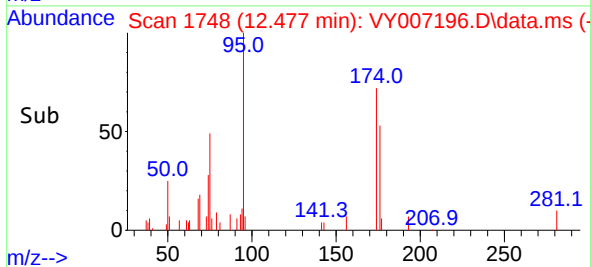
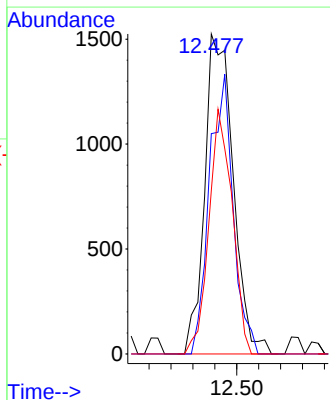
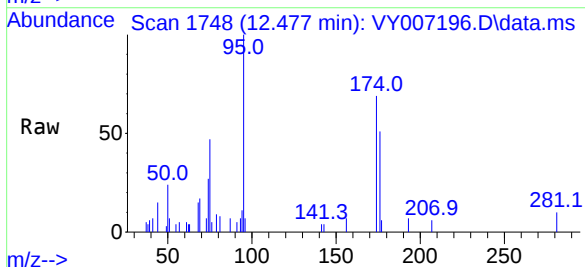
Instrument :
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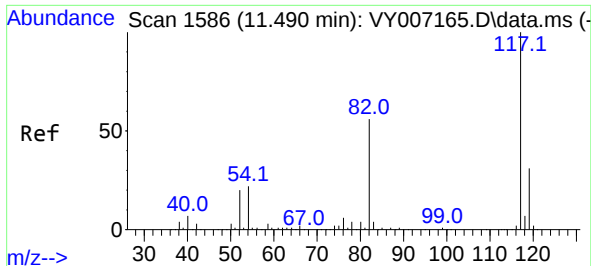
Tgt Ion: 98 Resp: 5202
Ion Ratio Lower Upper
98 100
100 62.8 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 72.437 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007196.D
Acq: 17 Jan 2022 19:11

Tgt Ion: 95 Resp: 2749
Ion Ratio Lower Upper
95 100
174 72.8 0.0 148.4
176 62.6 0.0 146.6



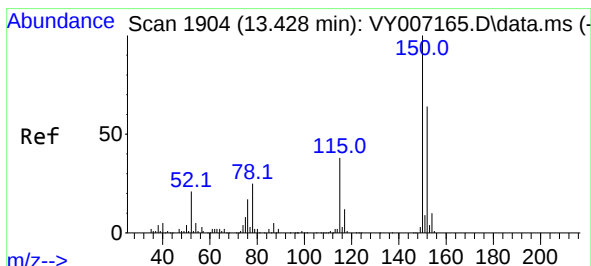
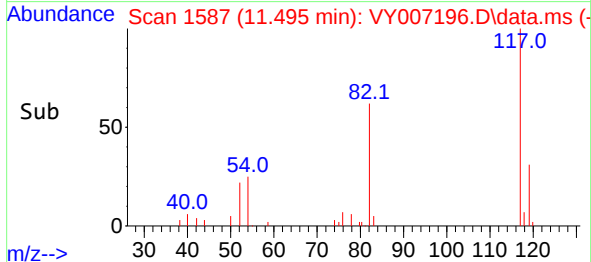
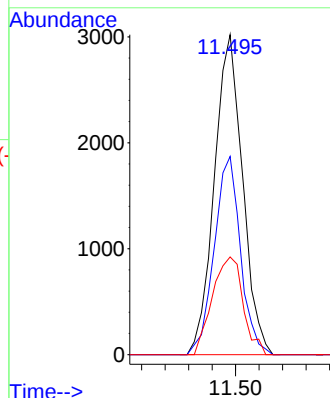
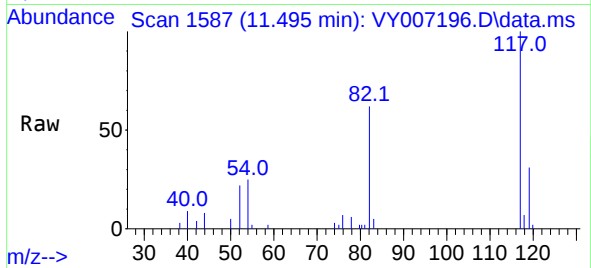


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY007196.D
Acq: 17 Jan 2022 19:11

Instrument :
MSVOA_Y
ClientSampleId :
SU-01-011422

Tgt Ion:117 Resp: 5042

Ion	Ratio	Lower	Upper
117	100		
82	61.9	45.4	68.0
119	30.5	26.4	39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY007196.D
Acq: 17 Jan 2022 19:11

Tgt Ion:152 Resp: 2179

Ion	Ratio	Lower	Upper
152	100		
115	64.2	31.4	94.0
150	158.3	0.0	348.4

