

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110821\
 Data File : VY006684.D
 Acq On : 08 Nov 2021 16:43
 Operator : SY/MD
 Sample : M4477-11RE
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 09 13:05:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

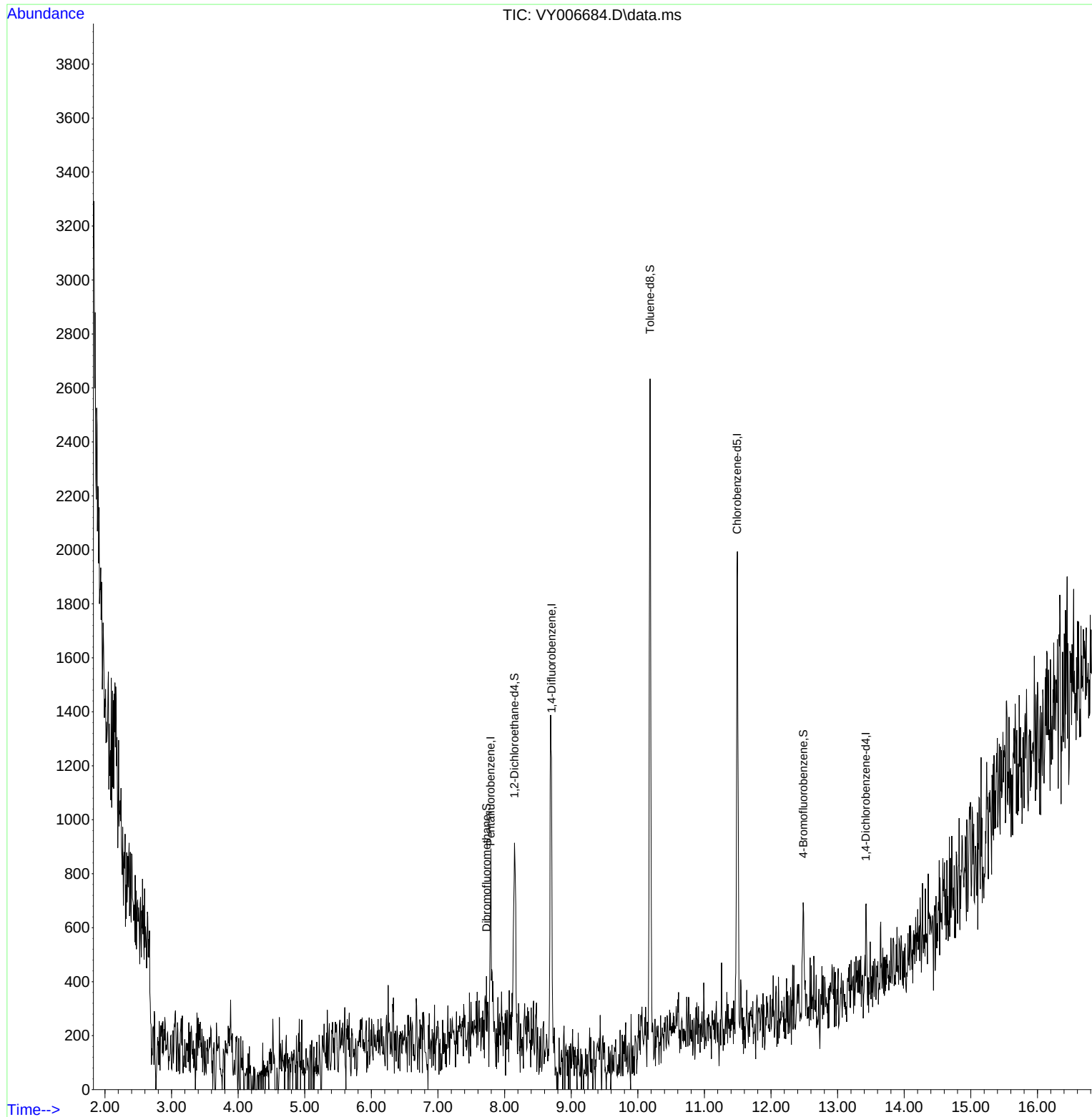
Internal Standards						
1) Pentafluorobenzene	7.789	168	669	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	1519	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	1025	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	56	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	752	91.345	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	182.700%#
35) Dibromofluoromethane	7.728	113	21	2.480	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	4.960%#
50) Toluene-d8	10.185	98	1655	46.112	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.220%
62) 4-Bromofluorobenzene	12.483	95	180	14.888	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	29.780%
Target Compounds						
20) Methylene Chloride	4.722	84	22	Below Cal	#	Qvalue 3

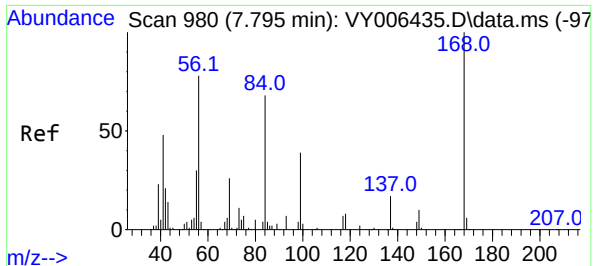
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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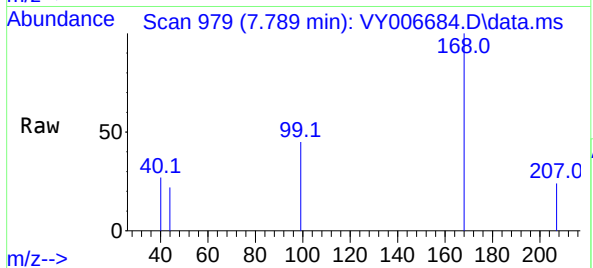
Quant Time: Nov 09 13:05:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
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QLast Update : Sat Oct 23 06:59:04 2021
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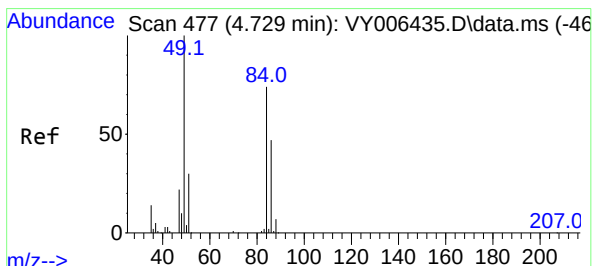
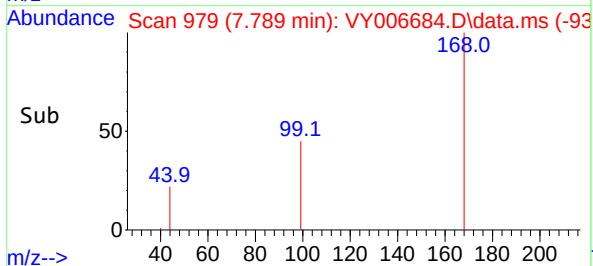
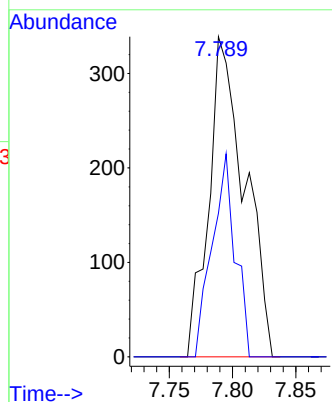


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY006684.D
Acq: 08 Nov 2021 16:43

Instrument :
MSVOA_Y
ClientSampleId :

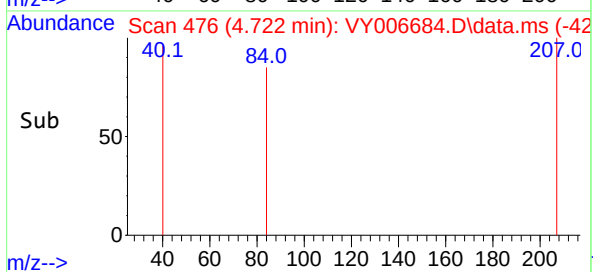
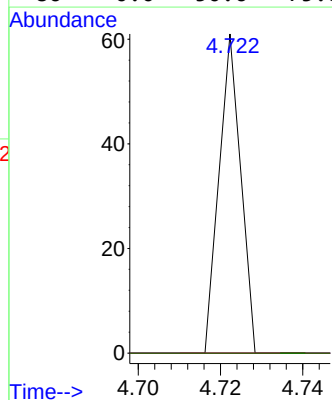
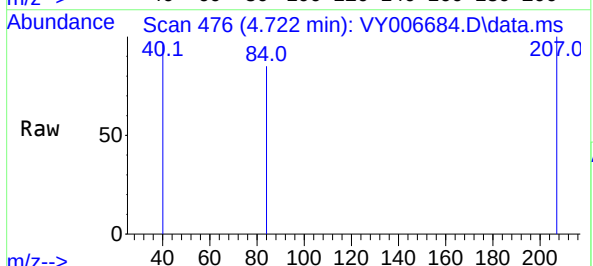


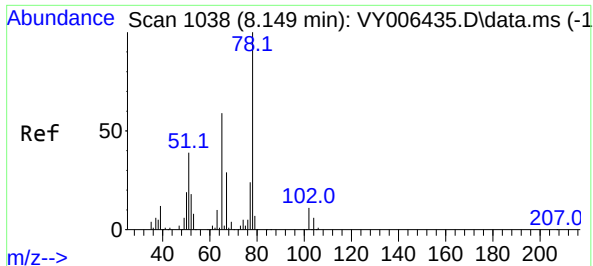
Tgt Ion:168 Resp: 669
Ion Ratio Lower Upper
168 100
99 44.8 44.8 67.2



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY006684.D
Acq: 08 Nov 2021 16:43

Tgt Ion: 84 Resp: 22
Ion Ratio Lower Upper
84 100
49 0.0 107.8 161.8#
51 0.0 32.8 49.2#
86 0.0 50.6 75.8#





#33

1,2-Dichloroethane-d4

Concen: 91.345 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VY006684.D

Acq: 08 Nov 2021 16:43

Instrument :

MSVOA_Y

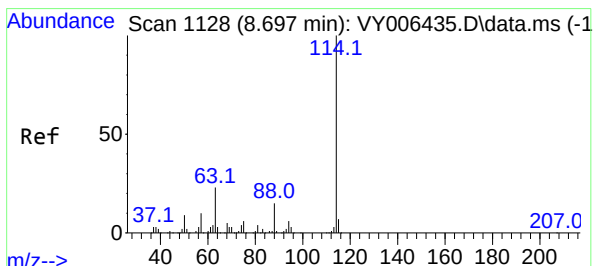
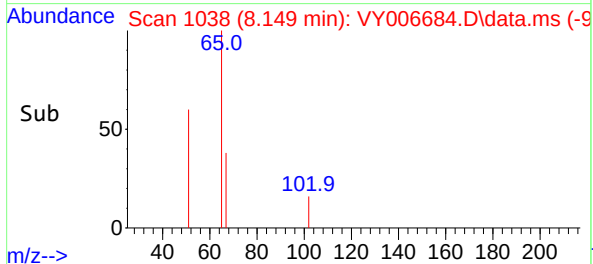
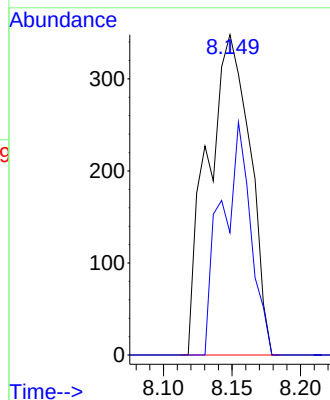
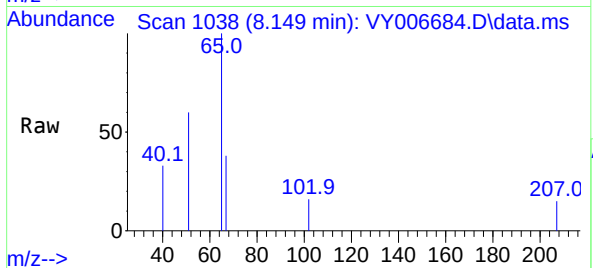
ClientSampleId :

Tgt Ion: 65 Resp: 752

Ion Ratio Lower Upper

65 100

67 50.0 0.0 98.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY006684.D

Acq: 08 Nov 2021 16:43

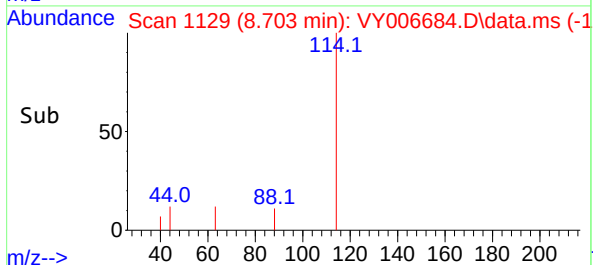
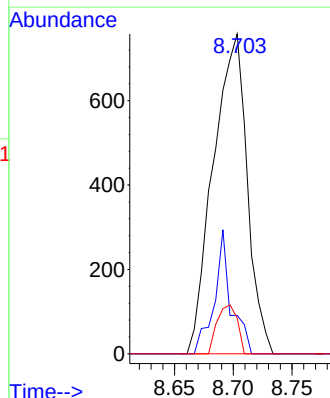
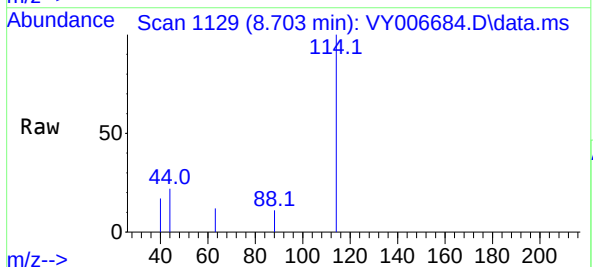
Tgt Ion: 114 Resp: 1519

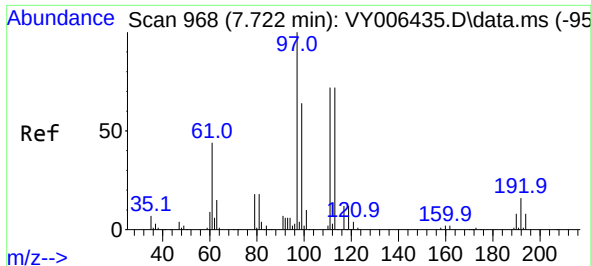
Ion Ratio Lower Upper

114 100

63 12.0 0.0 45.0

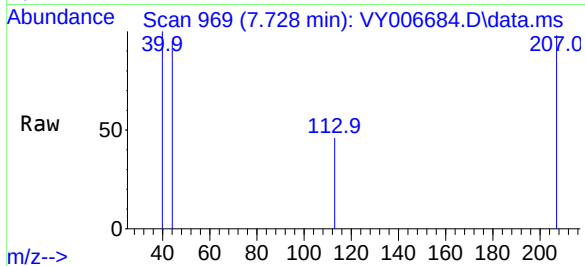
88 11.2 0.0 30.6



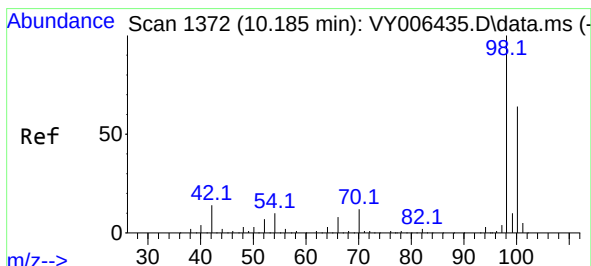
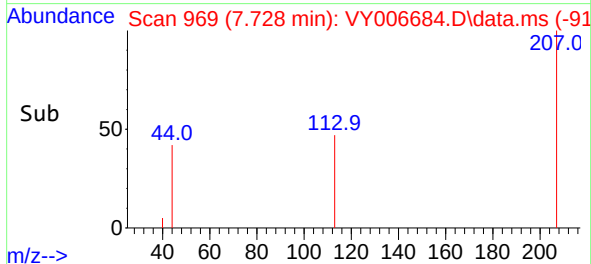
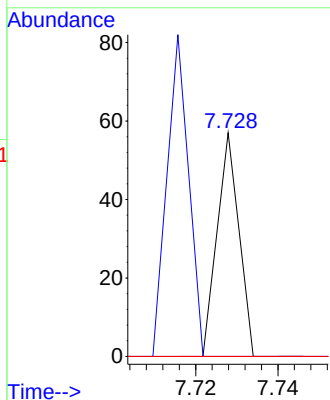


#35
Dibromofluoromethane
Concen: 2.480 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY006684.D
Acq: 08 Nov 2021 16:43

Instrument :
MSVOA_Y
ClientSampleId :

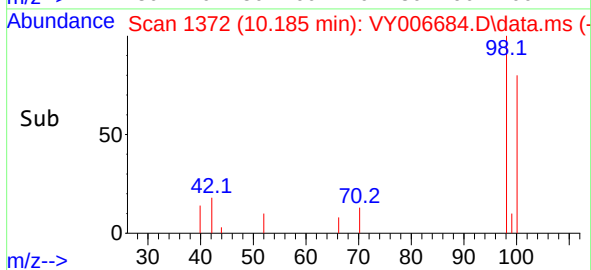
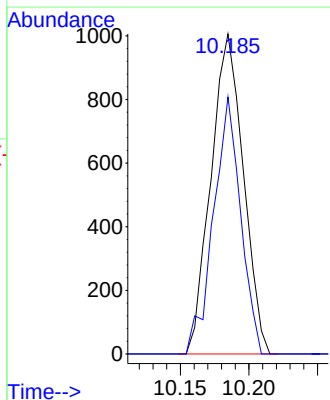
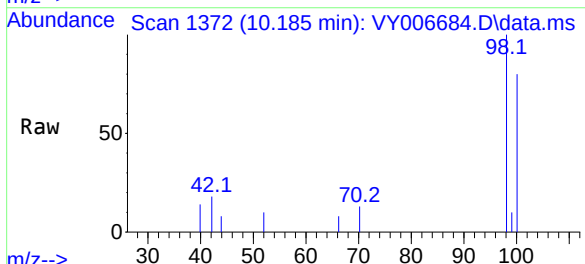


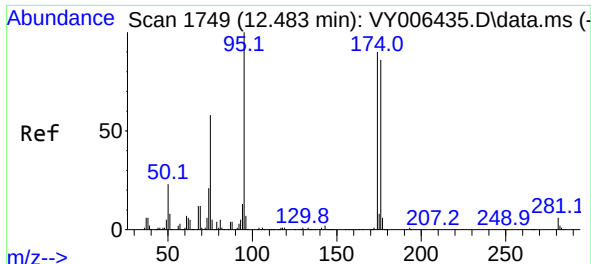
Tgt Ion:113 Resp: 21
Ion Ratio Lower Upper
113 100
111 142.9 82.3 123.5#
192 0.0 17.4 26.2#



#50
Toluene-d8
Concen: 46.112 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006684.D
Acq: 08 Nov 2021 16:43

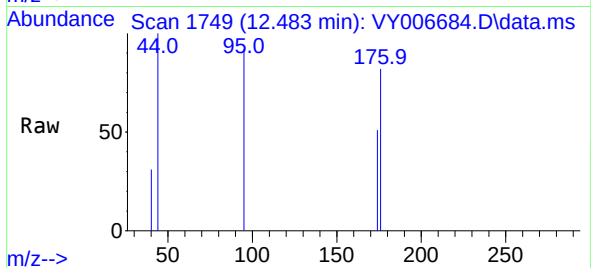
Tgt Ion: 98 Resp: 1655
Ion Ratio Lower Upper
98 100
100 67.3 50.9 76.3





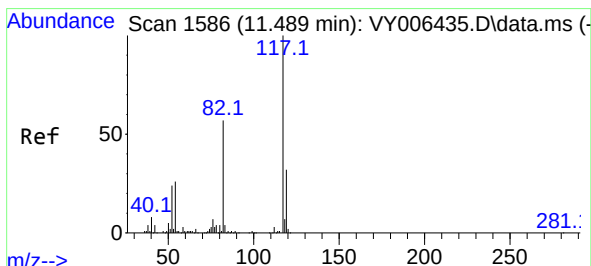
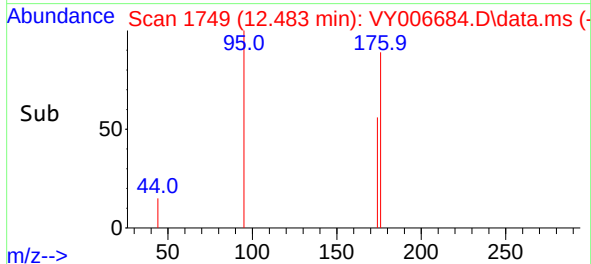
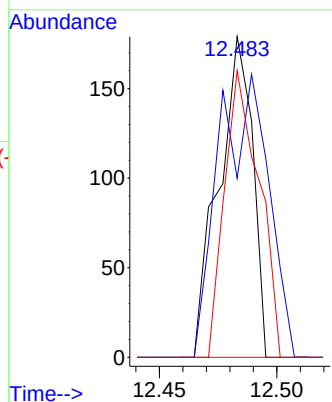
#62
4-Bromofluorobenzene
Concen: 14.888 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006684.D
Acq: 08 Nov 2021 16:43

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 95 Resp: 180

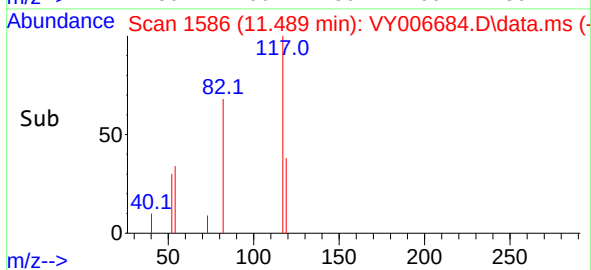
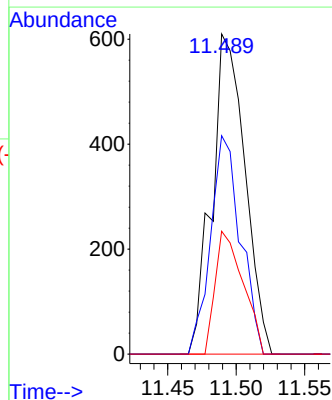
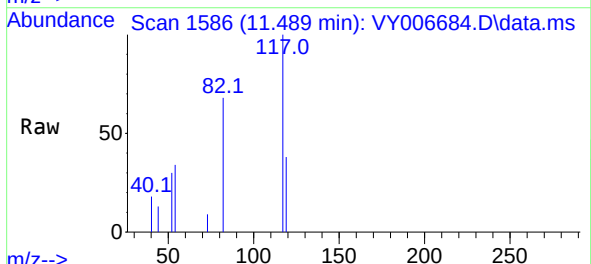
Ion	Ratio	Lower	Upper
95	100		
174	128.3	0.0	177.0
176	90.6	0.0	169.4



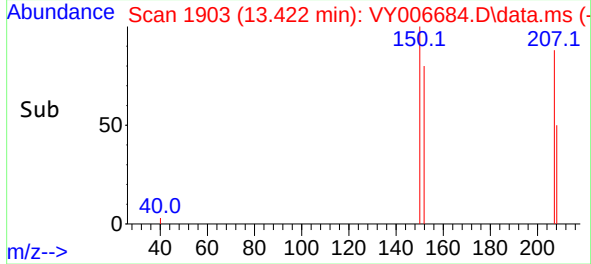
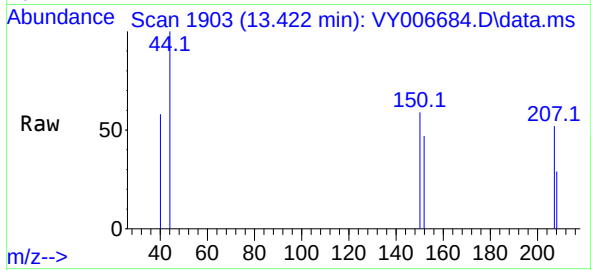
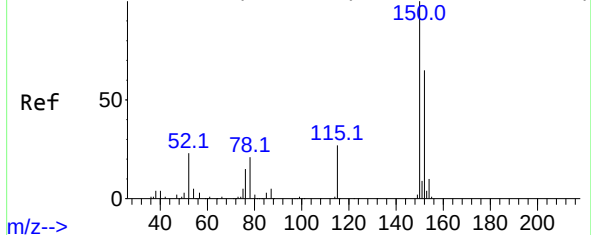
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY006684.D
Acq: 08 Nov 2021 16:43

Tgt Ion: 117 Resp: 1025

Ion	Ratio	Lower	Upper
117	100		
82	68.2	45.7	68.5
119	38.4	25.5	38.3#



Abundance Scan 1904 (13.428 min): VY006435.D\data.ms (-



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 19
Delta R.T. -0.006 min
Lab File: VY006684.D
Acq: 08 Nov 2021 16:43

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:152 Resp: 56
Ion Ratio Lower Upper
152 100
115 0.0 28.5 85.5#
150 321.4 0.0 348.2

