

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020722\
 Data File : VY007413.D
 Acq On : 07 Feb 2022 15:18
 Operator : SY/MD
 Sample : N1411-02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 282-284

Quant Time: Feb 08 00:38:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

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

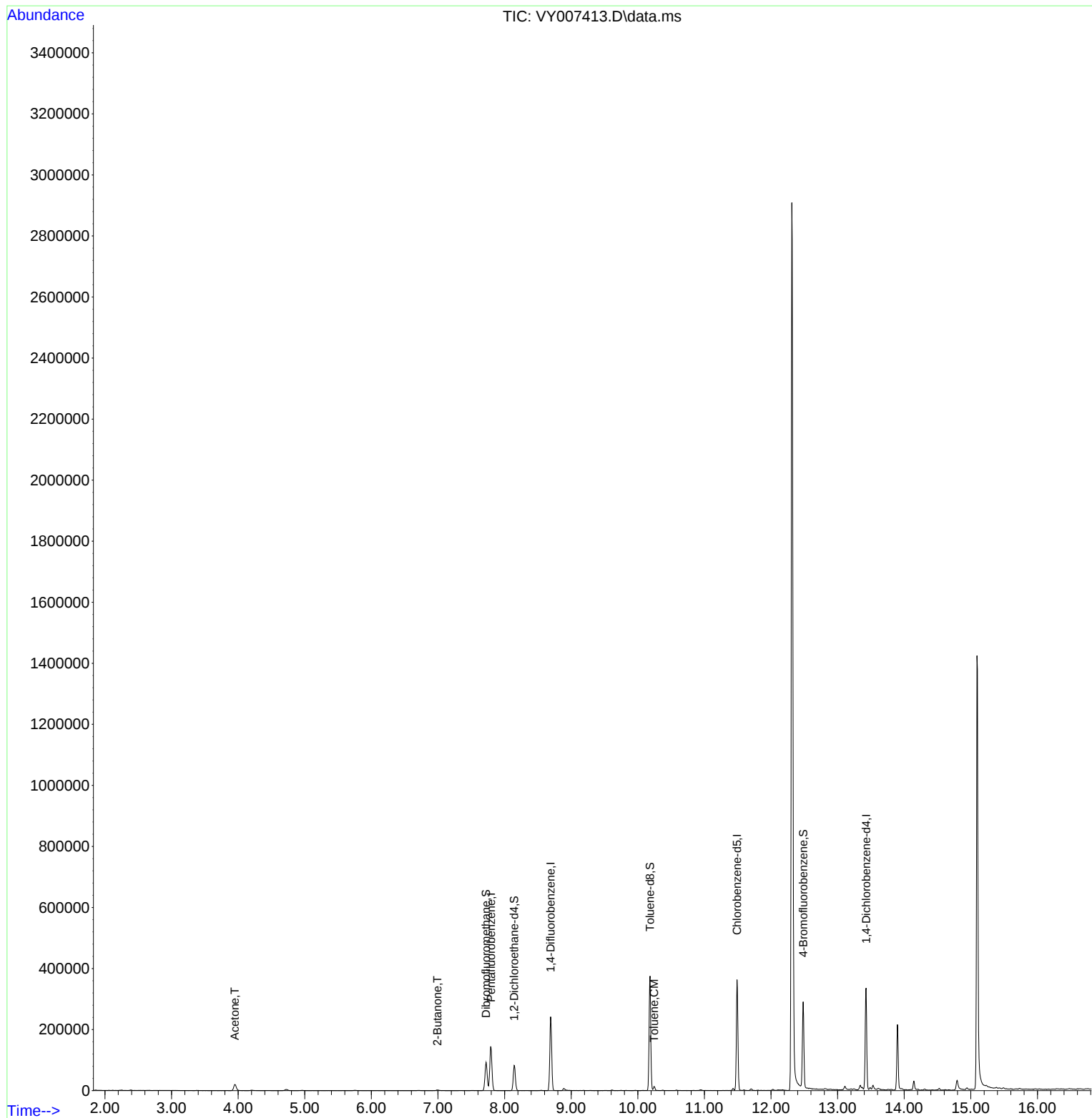
Internal Standards						
1) Pentafluorobenzene	7.795	168	106070	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	200488	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	188816	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	82720	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	64350	52.743	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.480%	
35) Dibromofluoromethane	7.722	113	64781	50.319	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.640%	
50) Toluene-d8	10.185	98	244119	51.325	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.640%	
62) 4-Bromofluorobenzene	12.483	95	87974	54.418	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.840%	
Target Compounds						Qvalue
16) Acetone	3.948	43	35936	90.691	ug/l	92
25) 2-Butanone	6.990	43	3981	8.316	ug/l	93
52) Toluene	10.246	92	5014	1.334	ug/l	95

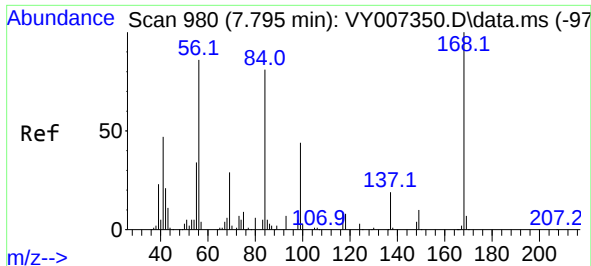
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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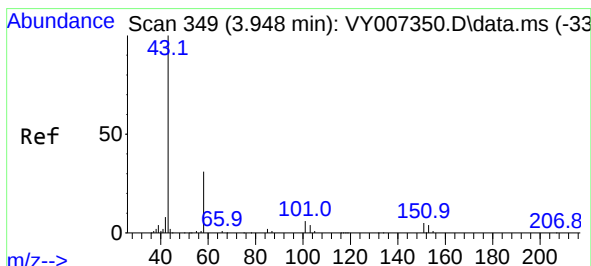
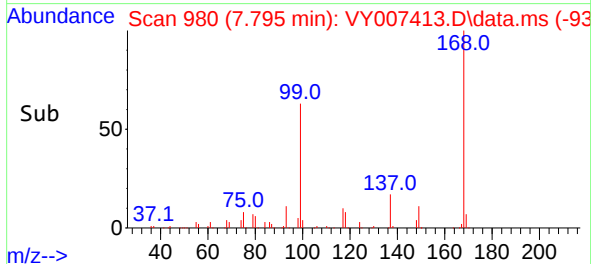
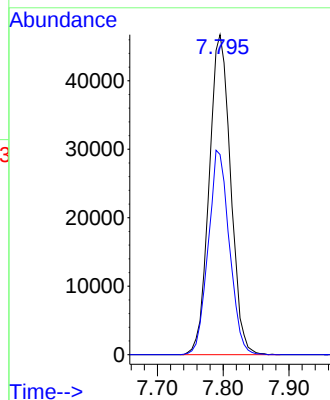
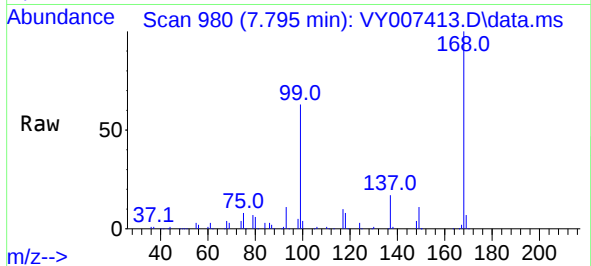




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007413.D
Acq: 07 Feb 2022 15:18

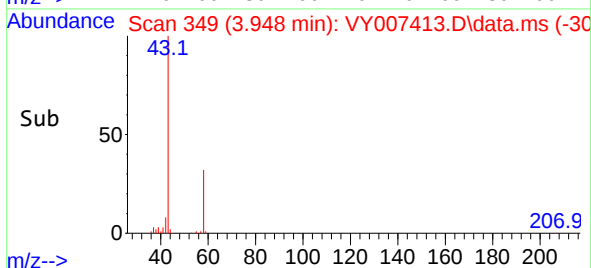
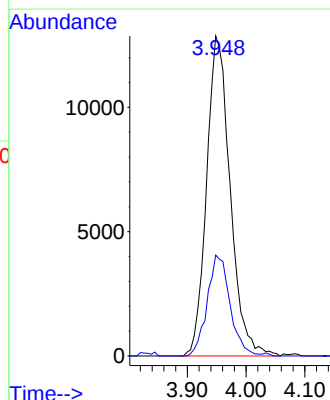
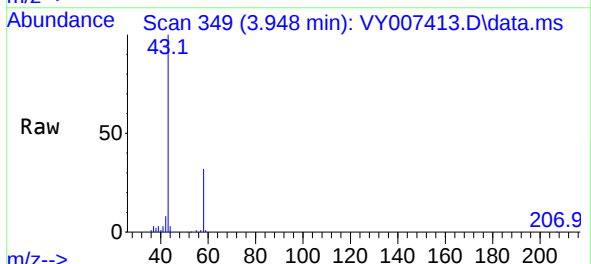
Instrument :
MSVOA_Y
ClientSampleId :
282-284

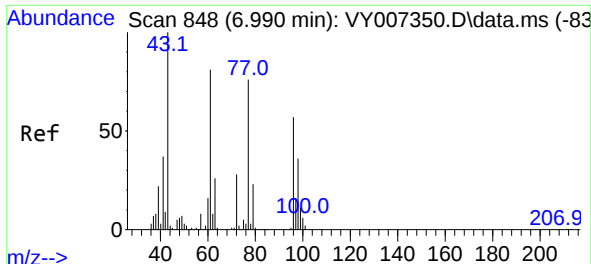
Tgt Ion:168 Resp: 106070
Ion Ratio Lower Upper
168 100
99 62.5 46.9 70.3



#16
Acetone
Concen: 90.691 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007413.D
Acq: 07 Feb 2022 15:18

Tgt Ion: 43 Resp: 35936
Ion Ratio Lower Upper
43 100
58 31.5 22.0 33.0

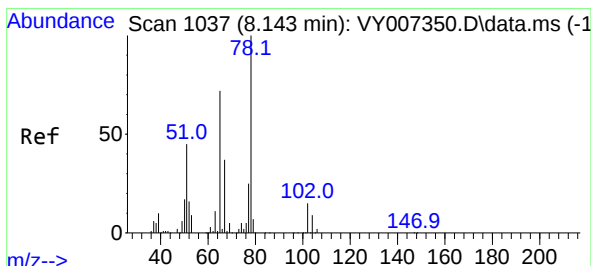
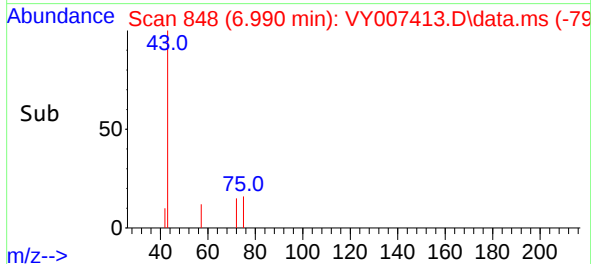
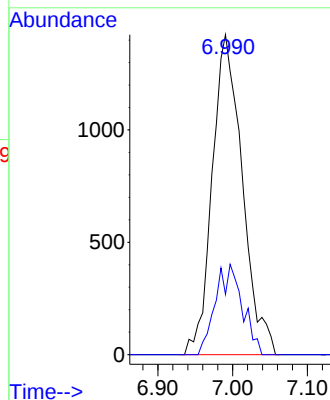
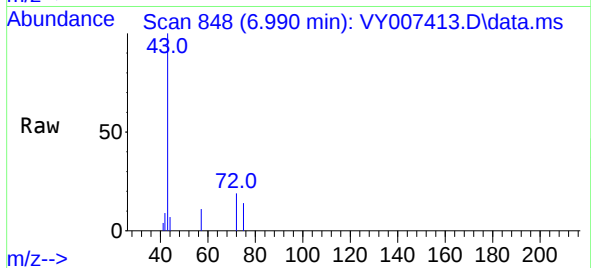




#25
2-Butanone
Concen: 8.316 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY007413.D
Acq: 07 Feb 2022 15:18

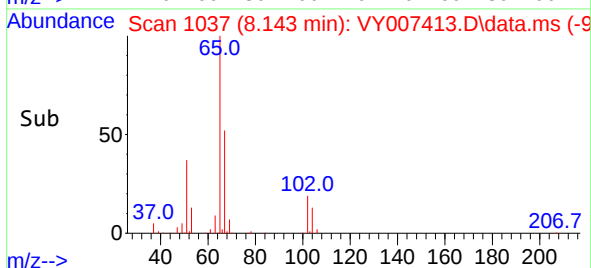
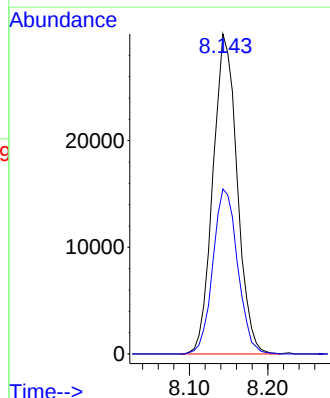
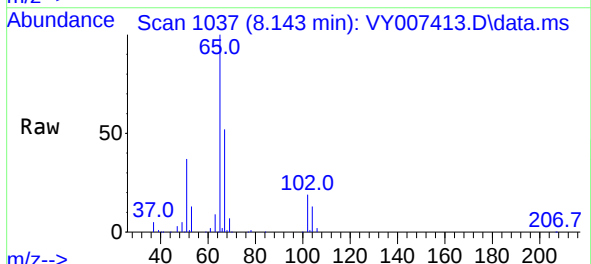
Instrument :
MSVOA_Y
ClientSampleId :
282-284

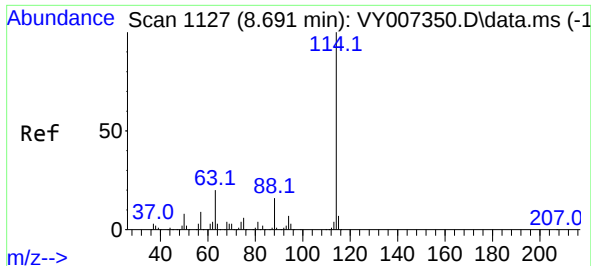
Tgt Ion: 43 Resp: 3981
Ion Ratio Lower Upper
43 100
72 18.8 17.7 26.5



#33
1,2-Dichloroethane-d4
Concen: 52.743 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007413.D
Acq: 07 Feb 2022 15:18

Tgt Ion: 65 Resp: 64350
Ion Ratio Lower Upper
65 100
67 52.8 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007413.D

Acq: 07 Feb 2022 15:18

Instrument :

MSVOA_Y

ClientSampleId :

282-284

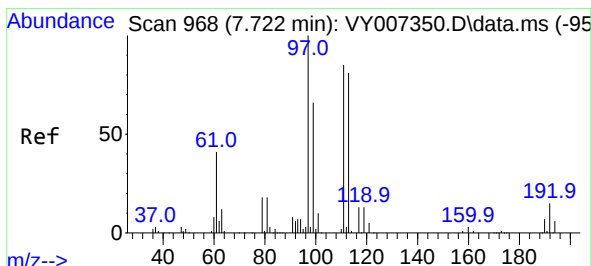
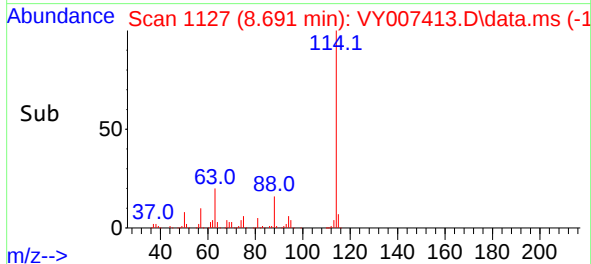
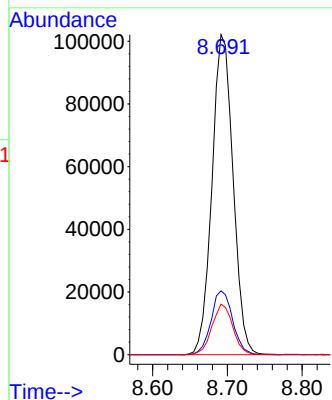
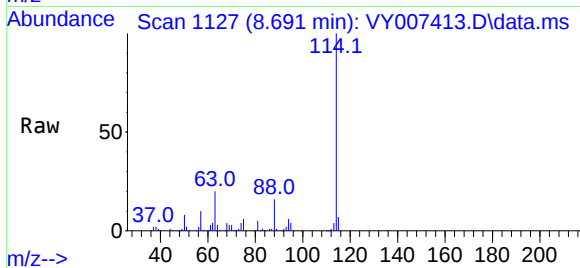
Tgt Ion:114 Resp: 200488

Ion Ratio Lower Upper

114 100

63 20.0 0.0 43.2

88 15.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.319 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY007413.D

Acq: 07 Feb 2022 15:18

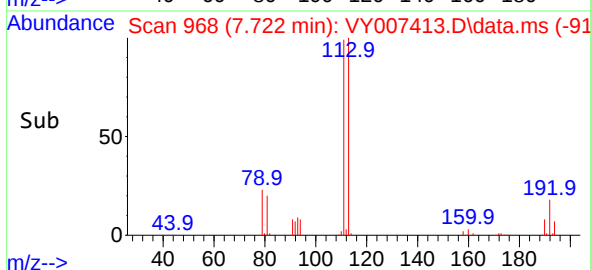
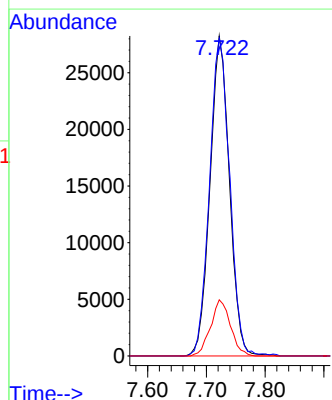
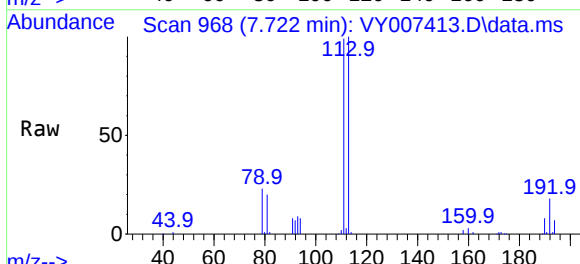
Tgt Ion:113 Resp: 64781

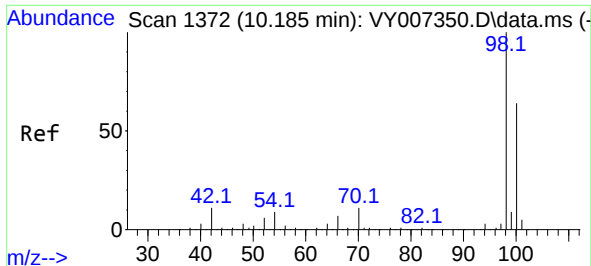
Ion Ratio Lower Upper

113 100

111 103.5 82.6 124.0

192 18.0 17.6 26.4

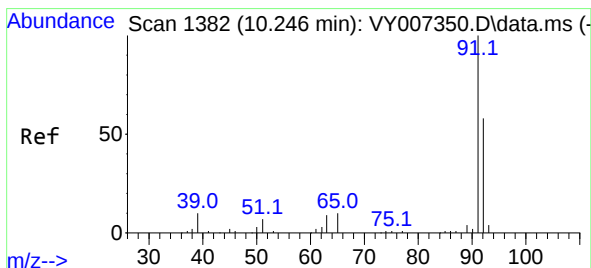
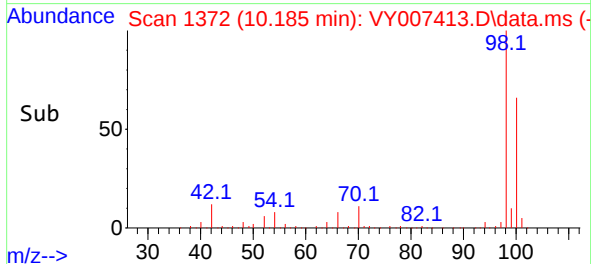
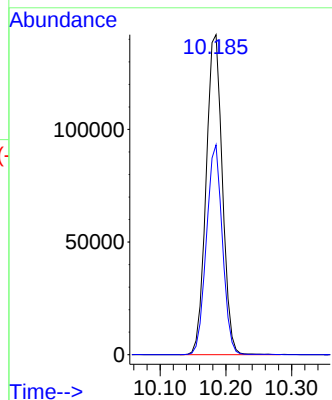
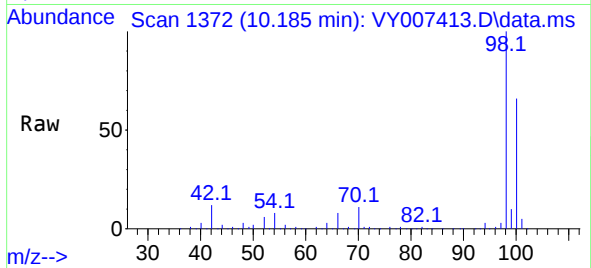




#50
Toluene-d8
Concen: 51.325 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY007413.D
Acq: 07 Feb 2022 15:18

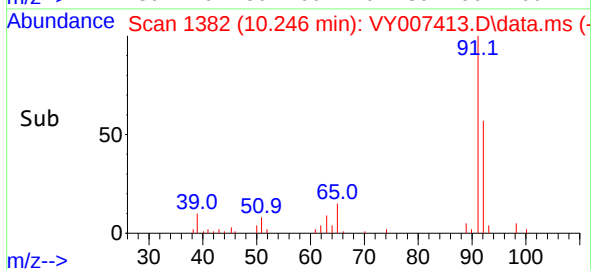
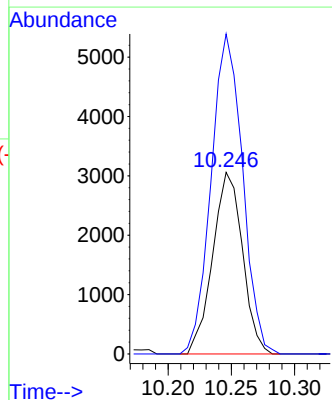
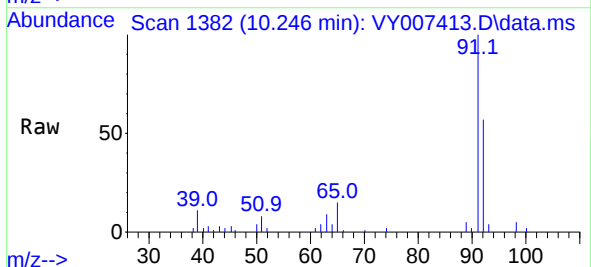
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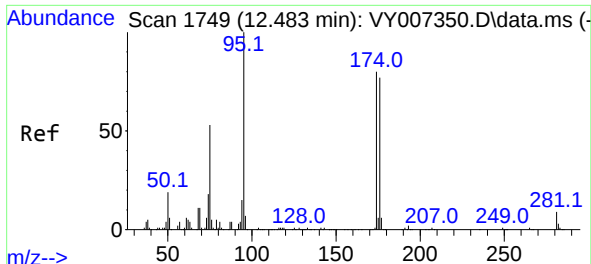
Tgt Ion: 98 Resp: 244119
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2



#52
Toluene
Concen: 1.334 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY007413.D
Acq: 07 Feb 2022 15:18

Tgt Ion: 92 Resp: 5014
Ion Ratio Lower Upper
92 100
91 185.7 142.6 213.8

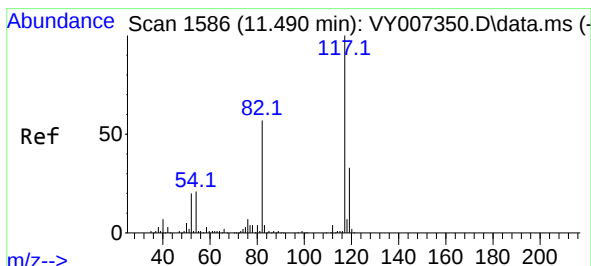
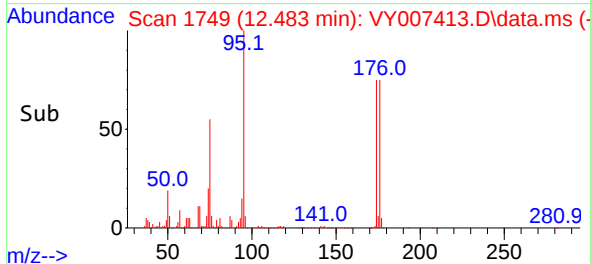
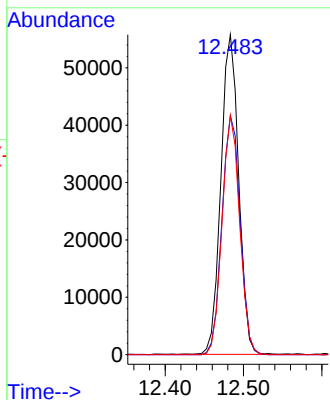
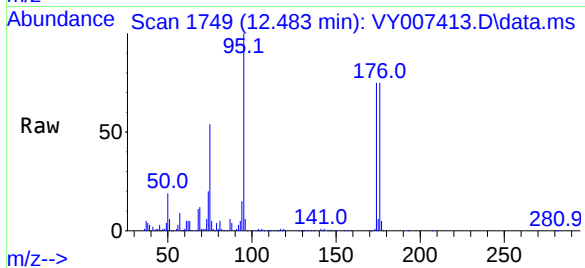




#62
4-Bromofluorobenzene
Concen: 54.418 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007413.D
Acq: 07 Feb 2022 15:18

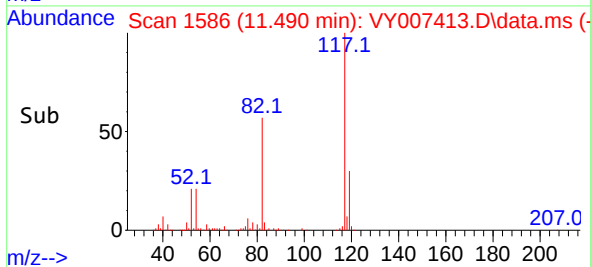
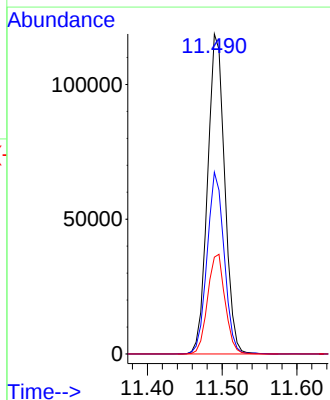
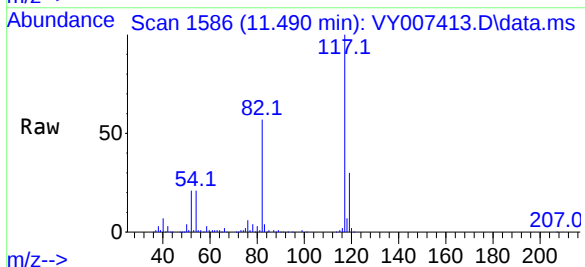
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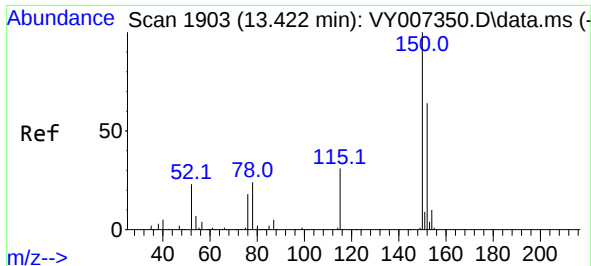
Tgt Ion: 95 Resp: 87974
Ion Ratio Lower Upper
95 100
174 76.6 0.0 177.0
176 74.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007413.D
Acq: 07 Feb 2022 15:18

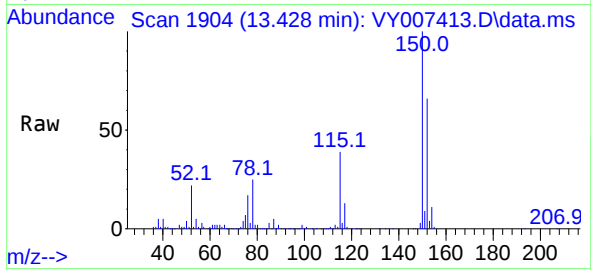
Tgt Ion: 117 Resp: 188816
Ion Ratio Lower Upper
117 100
82 56.8 43.0 64.4
119 30.3 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY007413.D
 Acq: 07 Feb 2022 15:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 282-284



Tgt Ion:152 Resp: 82720
 Ion Ratio Lower Upper
 152 100
 115 61.1 28.2 84.7
 150 153.2 0.0 347.6

