

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020322\
 Data File : VY007377.D
 Acq On : 03 Feb 2022 15:40
 Operator : SY/MD
 Sample : N1381-01
 Misc : 6.16g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DB-05(20-22)-02-01-22

Quant Time: Feb 04 08:40:34 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)

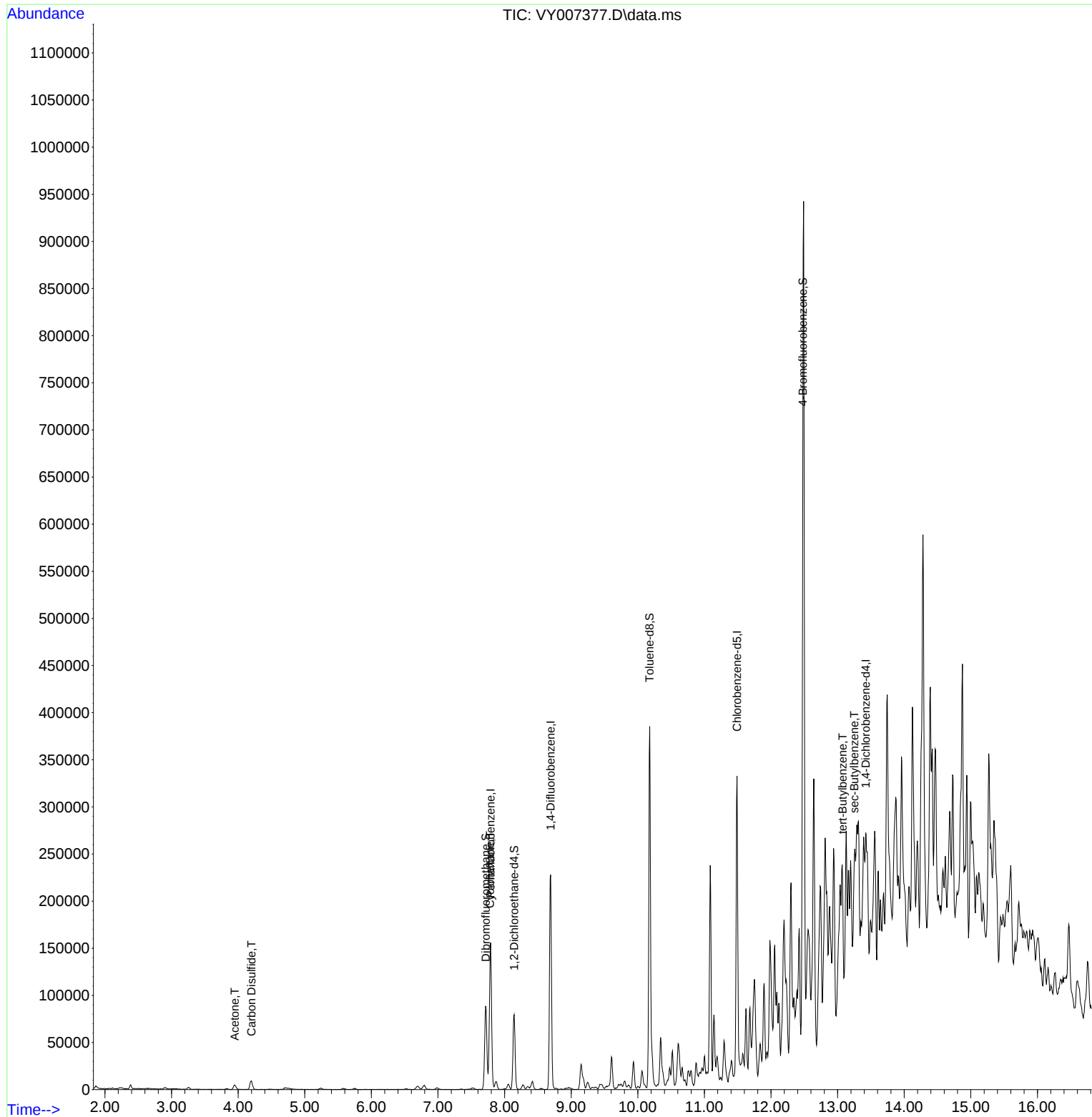
Internal Standards						
1) Pentafluorobenzene	7.789	168	105984	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	196124	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	160369	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	40860	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	61742	50.65	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.30%
35) Dibromofluoromethane	7.716	113	61828	49.09	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.18%
50) Toluene-d8	10.178	98	233938	50.28	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.56%
62) 4-Bromofluorobenzene	12.477	95	79180	50.07	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.14%
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	8591	21.70	ug/l #	89
17) Carbon Disulfide	4.198	76	17996	4.65	ug/l	99
31) Cyclohexane	7.783	56	7490	3.15	ug/l #	73
83) tert-Butylbenzene	13.074	119	11065	4.17	ug/l	90
85) sec-Butylbenzene	13.251	105	5717	1.44	ug/l #	52

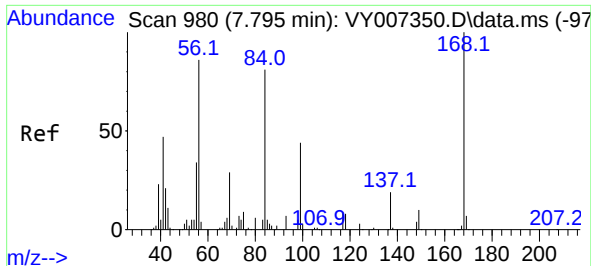
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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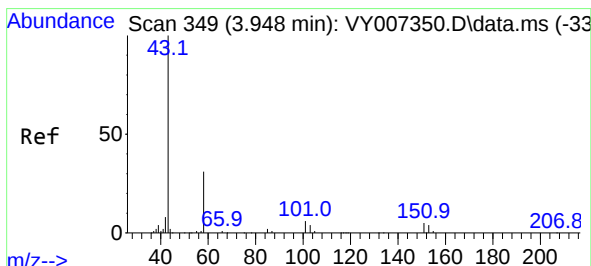
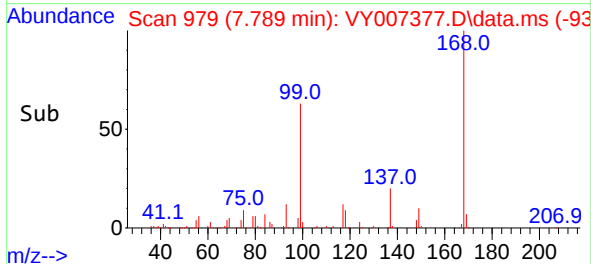
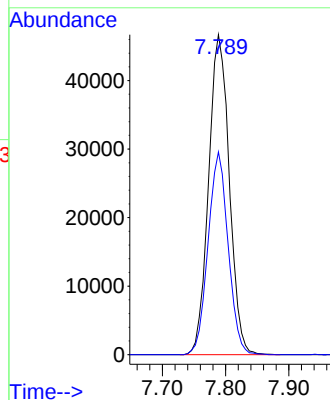
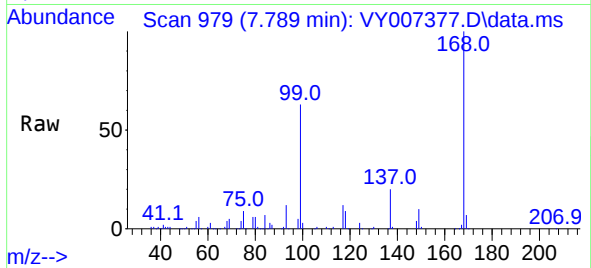




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007377.D
Acq: 03 Feb 2022 15:40

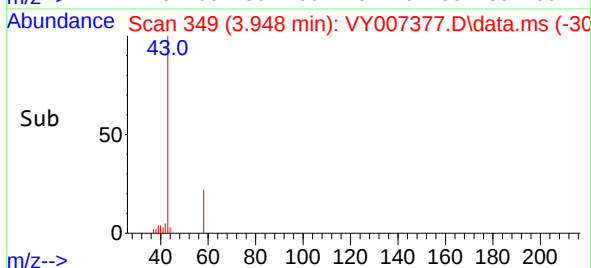
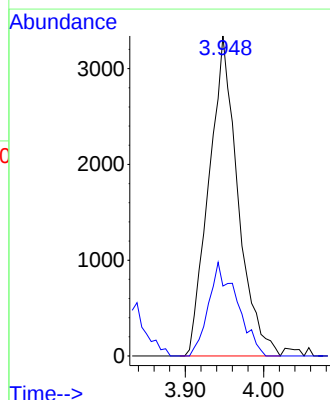
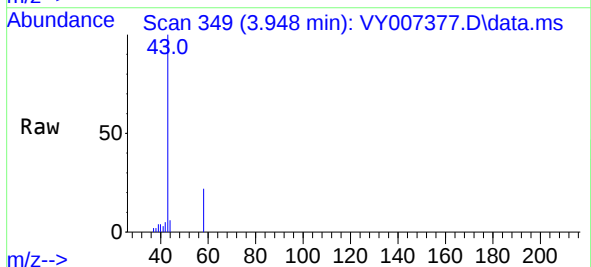
Instrument :
MSVOA_Y
ClientSampleId :
DB-05(20-22)-02-01-22

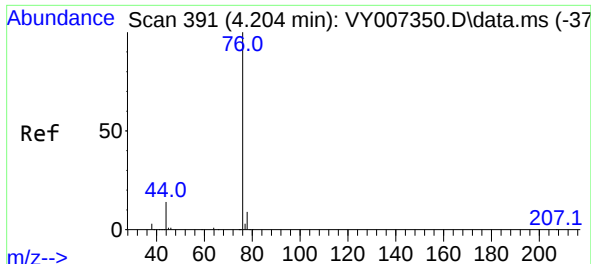
Tgt Ion:168 Resp: 105984
Ion Ratio Lower Upper
168 100
99 63.4 46.9 70.3



#16
Acetone
Concen: 21.70 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY007377.D
Acq: 03 Feb 2022 15:40

Tgt Ion: 43 Resp: 8591
Ion Ratio Lower Upper
43 100
58 21.8 22.0 33.0#

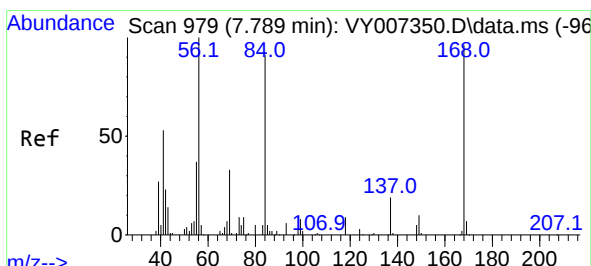
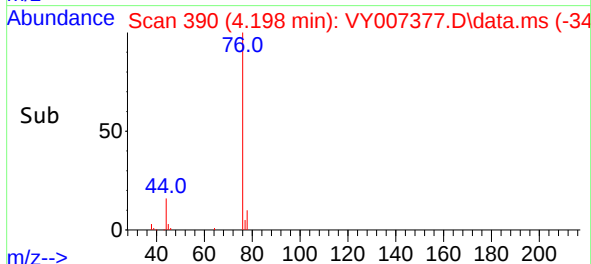
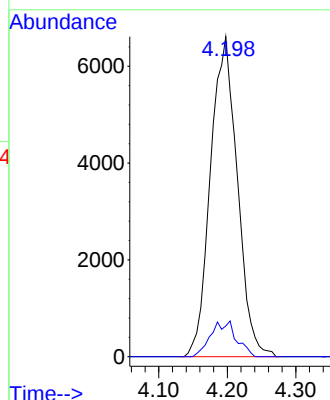
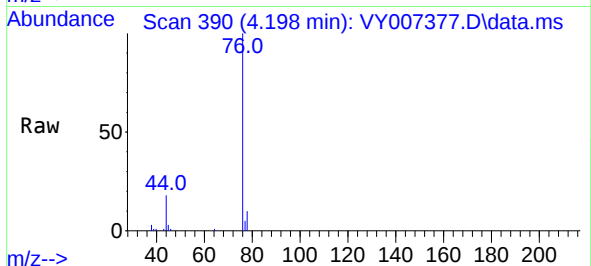




#17
Carbon Disulfide
Concen: 4.65 ug/l
RT: 4.198 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY007377.D
Acq: 03 Feb 2022 15:40

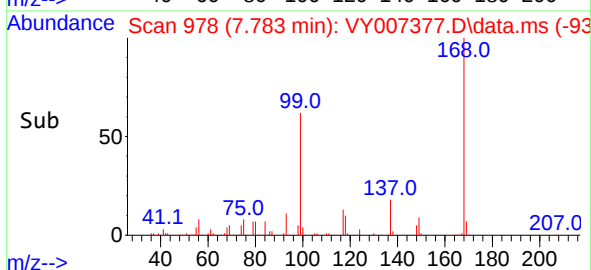
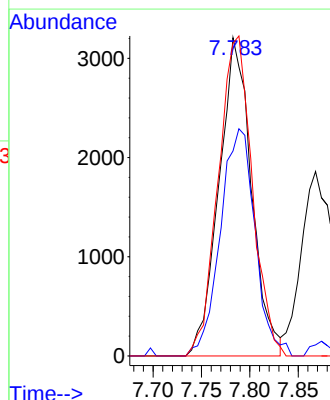
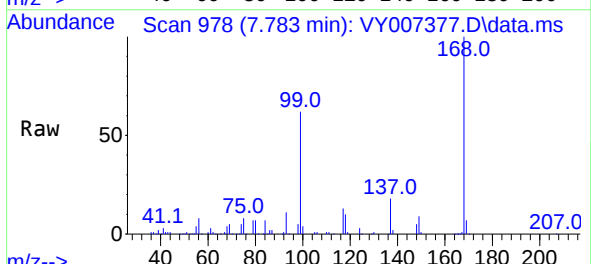
Instrument :
MSVOA_Y
ClientSampleId :
DB-05(20-22)-02-01-22

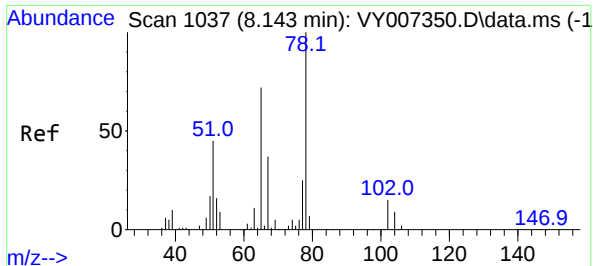
Tgt Ion: 76 Resp: 17996
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0



#31
Cyclohexane
Concen: 3.15 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.006 min
Lab File: VY007377.D
Acq: 03 Feb 2022 15:40

Tgt Ion: 56 Resp: 7490
Ion Ratio Lower Upper
56 100
69 64.4 26.7 40.1#
84 98.2 67.2 100.8





#33

1,2-Dichloroethane-d4

Concen: 50.65 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY007377.D

Acq: 03 Feb 2022 15:40

Instrument :

MSVOA_Y

ClientSampleId :

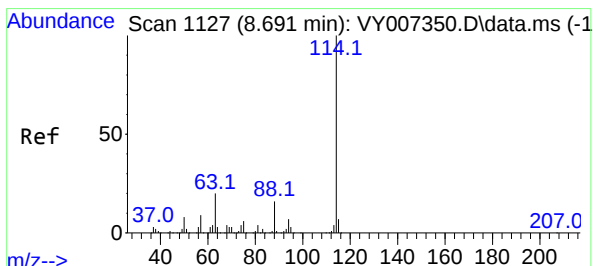
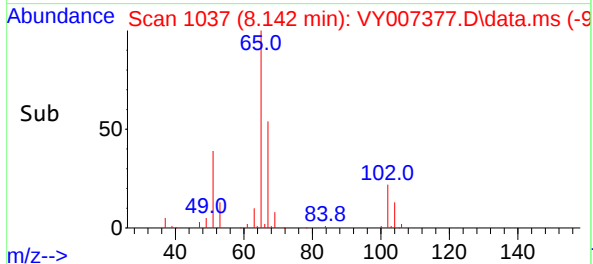
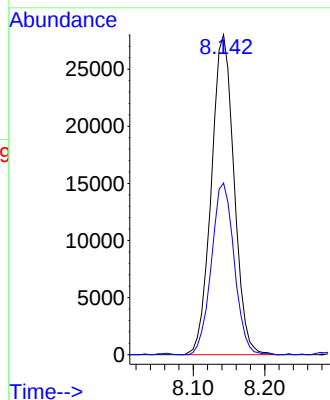
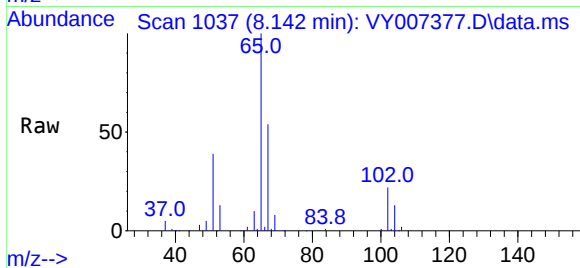
DB-05(20-22)-02-01-22

Tgt Ion: 65 Resp: 61742

Ion Ratio Lower Upper

65 100

67 53.8 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY007377.D

Acq: 03 Feb 2022 15:40

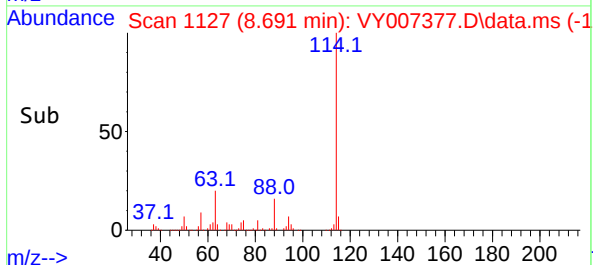
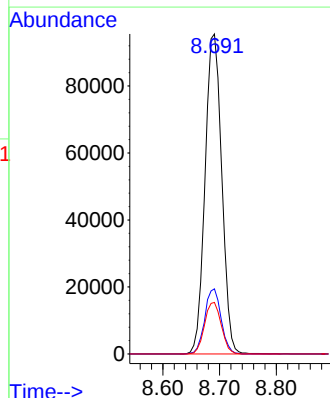
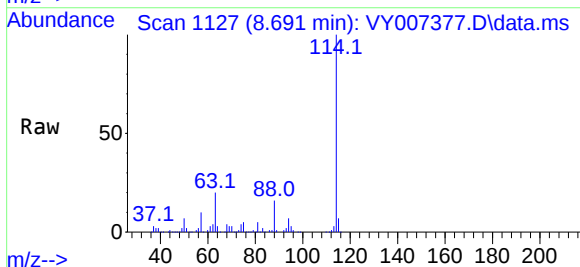
Tgt Ion: 114 Resp: 196124

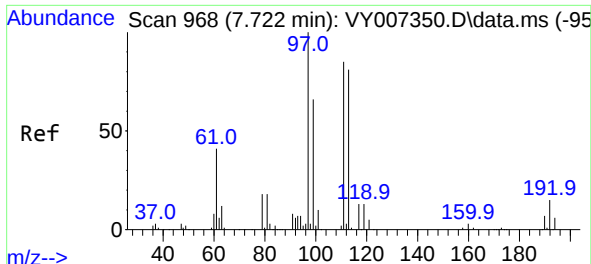
Ion Ratio Lower Upper

114 100

63 20.3 0.0 43.2

88 16.1 0.0 31.8

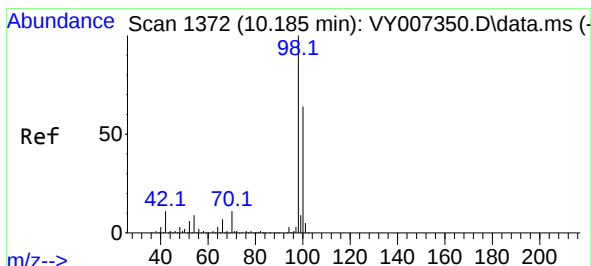
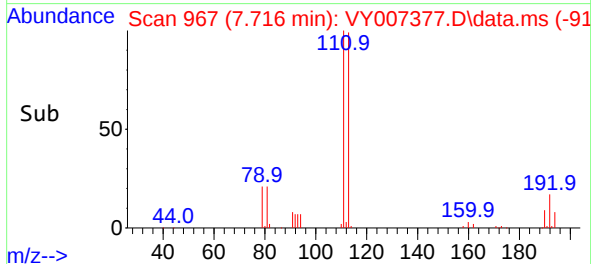
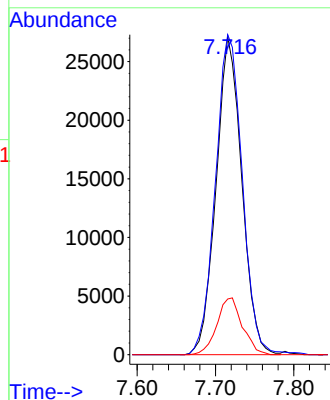
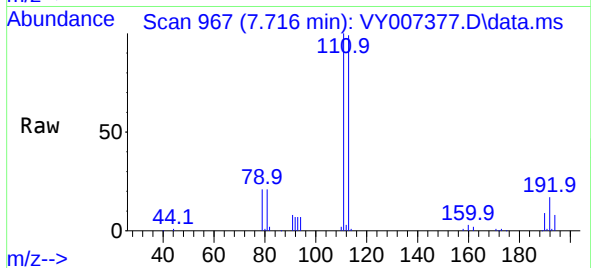




#35
Dibromofluoromethane
Concen: 49.09 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY007377.D
Acq: 03 Feb 2022 15:40

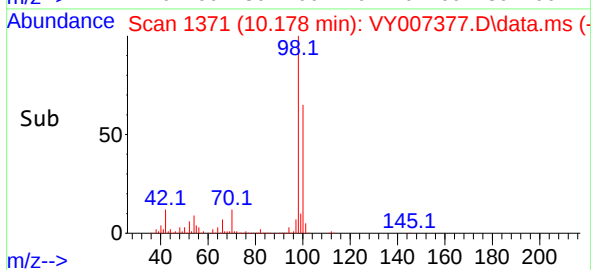
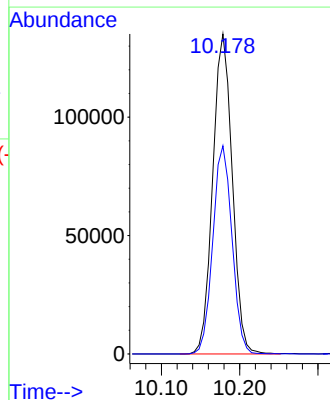
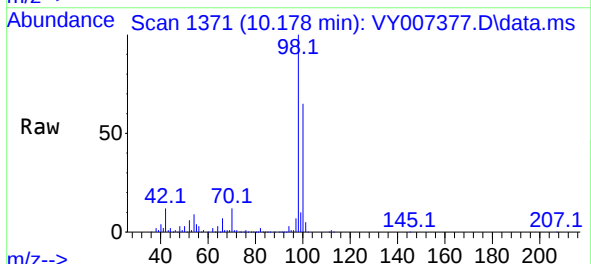
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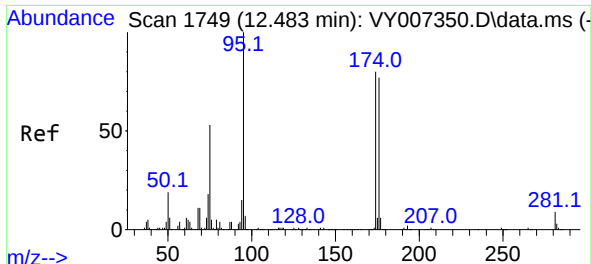
Tgt Ion:113 Resp: 61828
Ion Ratio Lower Upper
113 100
111 105.4 82.6 124.0
192 17.7 17.6 26.4



#50
Toluene-d8
Concen: 50.28 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY007377.D
Acq: 03 Feb 2022 15:40

Tgt Ion: 98 Resp: 233938
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2

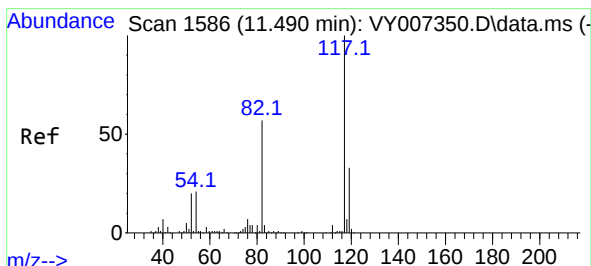
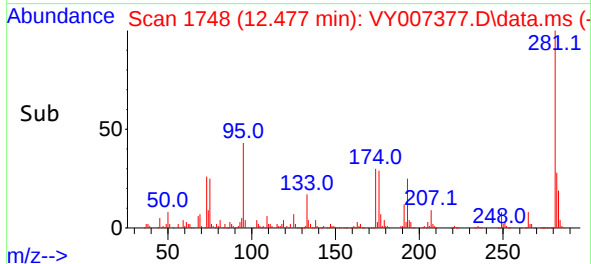
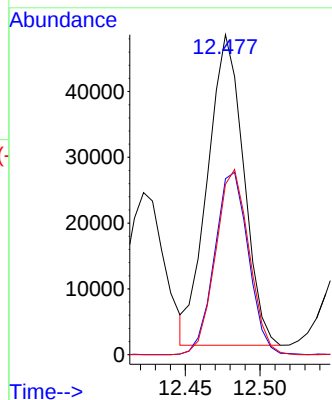
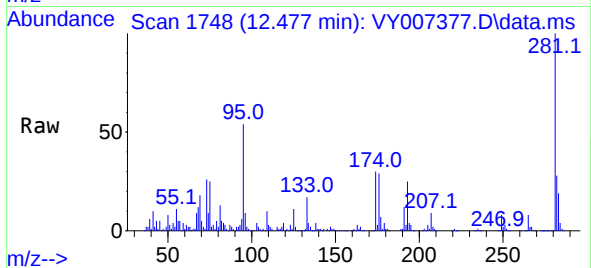




#62
4-Bromofluorobenzene
Concen: 50.07 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007377.D
Acq: 03 Feb 2022 15:40

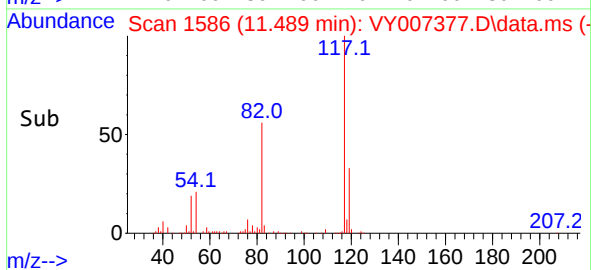
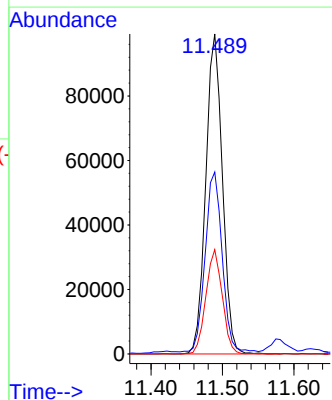
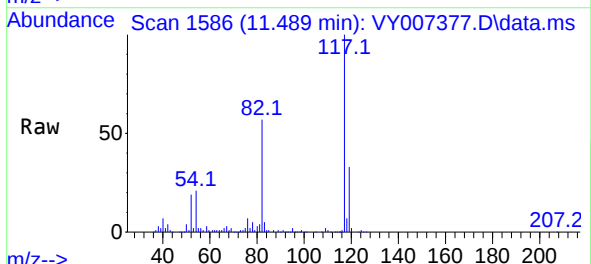
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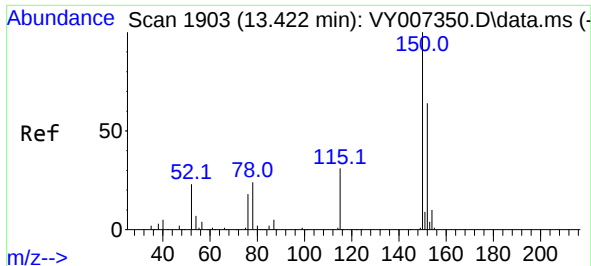
Tgt Ion: 95 Resp: 79180
Ion Ratio Lower Upper
95 100
174 55.2 0.0 177.0
176 55.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007377.D
Acq: 03 Feb 2022 15:40

Tgt Ion:117 Resp: 160369
Ion Ratio Lower Upper
117 100
82 56.2 43.0 64.4
119 32.6 25.4 38.0

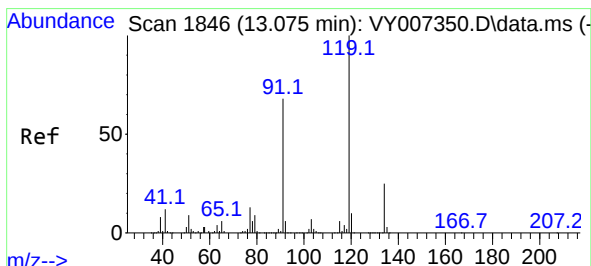
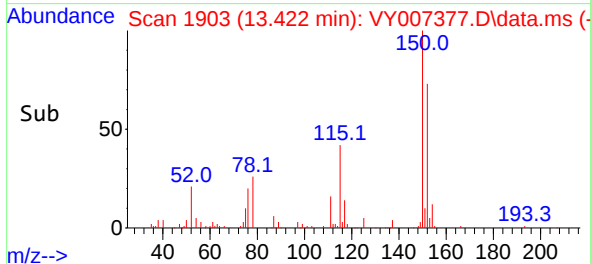
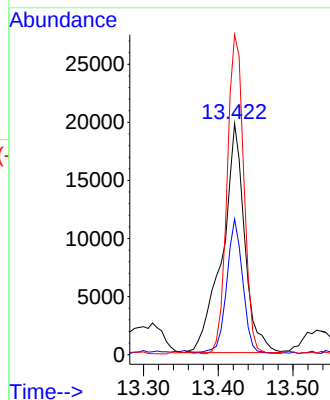
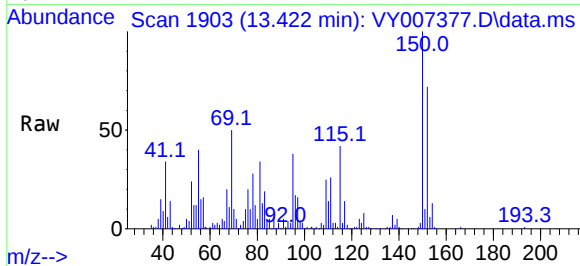




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY007377.D
Acq: 03 Feb 2022 15:40

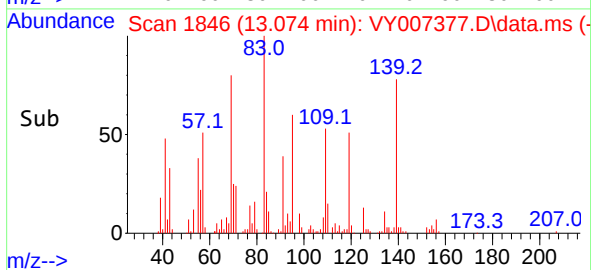
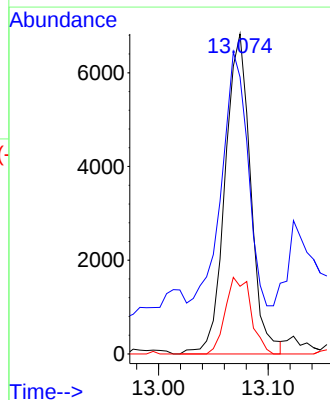
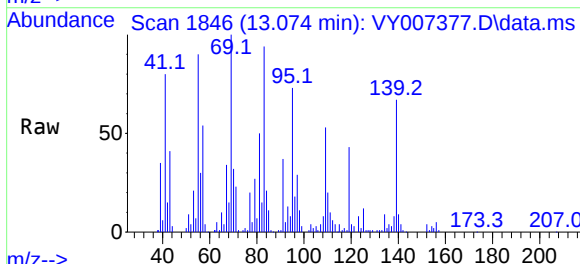
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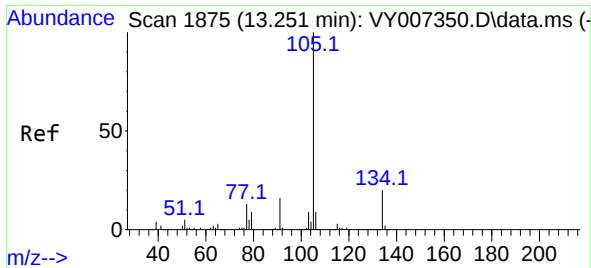
Tgt Ion:152 Resp: 40860
Ion Ratio Lower Upper
152 100
115 42.1 28.2 84.7
150 104.5 0.0 347.6



#83
tert-Butylbenzene
Concen: 4.17 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY007377.D
Acq: 03 Feb 2022 15:40

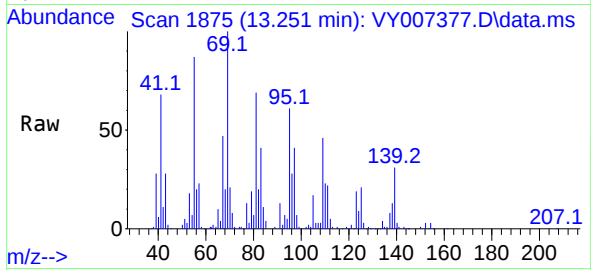
Tgt Ion:119 Resp: 11065
Ion Ratio Lower Upper
119 100
91 79.6 34.8 104.4
134 23.9 13.3 39.9





#85
 sec-Butylbenzene
 Concen: 1.44 ug/l
 RT: 13.251 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VY007377.D
 Acq: 03 Feb 2022 15:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 DB-05(20-22)-02-01-22



Tgt Ion:105 Resp: 5717
 Ion Ratio Lower Upper
 105 100
 134 42.3 10.2 30.4#

