

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020322\
 Data File : VN070941.D
 Acq On : 3 Feb 2022 19:58
 Operator : JC/MD
 Sample : N1342-01DL 200X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31523DL2

Quant Time: Feb 04 04:45:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 02 15:30:39 2022
 Response via : Initial Calibration

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

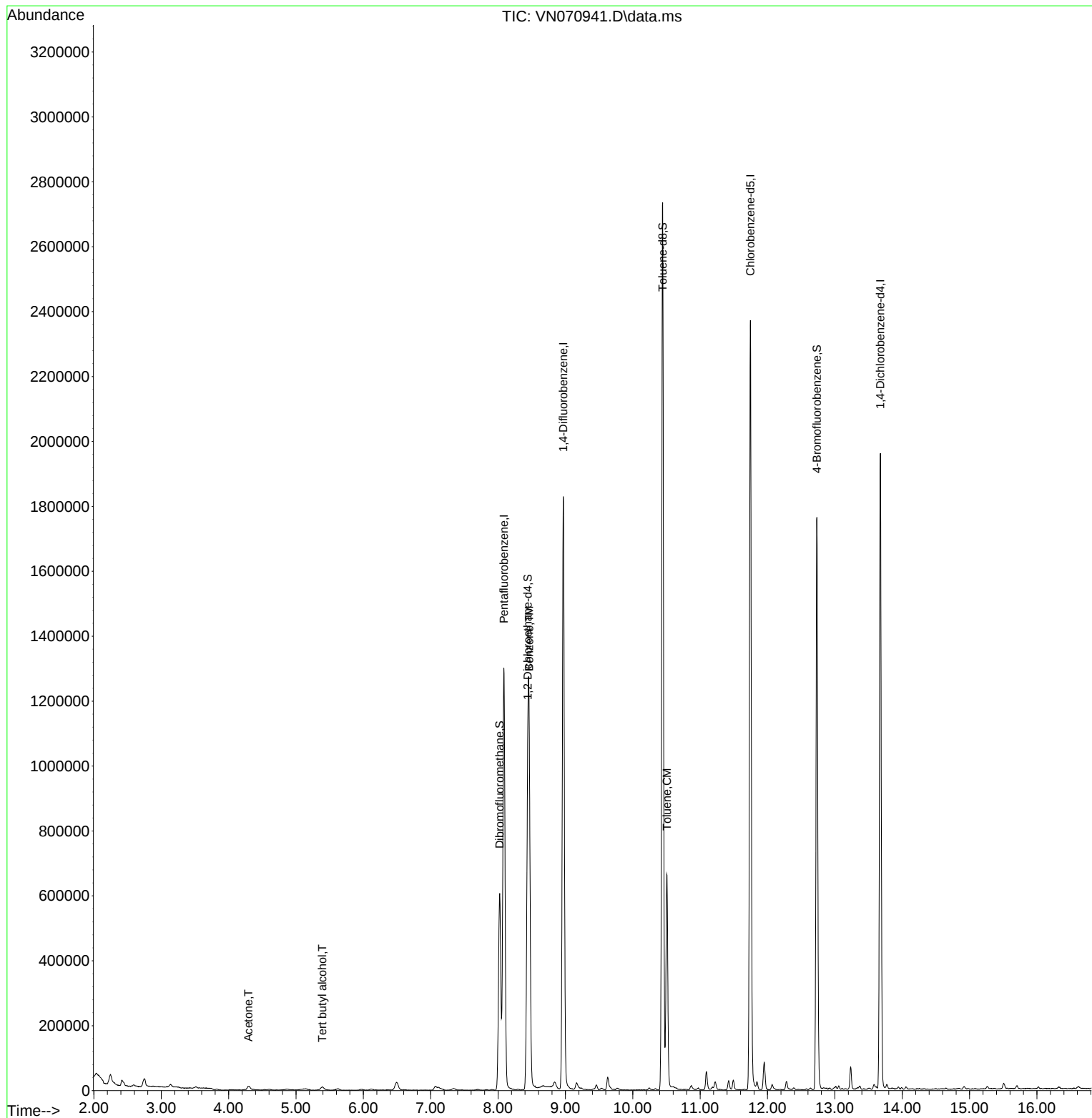
Internal Standards						
1) Pentafluorobenzene	8.086	168	1002650	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1583173	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	1404452	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	537866	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	629940	46.415	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.840%
35) Dibromofluoromethane	8.024	113	452517	47.713	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.420%
50) Toluene-d8	10.443	98	1914395	49.162	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.320%
62) 4-Bromofluorobenzene	12.733	95	644835	45.957	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.920%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.390	59	16228	5.690	ug/l #	75
16) Acetone	4.293	43	21401	2.637	ug/l	99
40) Benzene	8.461	78	932263	19.259	ug/l	99
52) Toluene	10.507	92	287527	9.587	ug/l	98

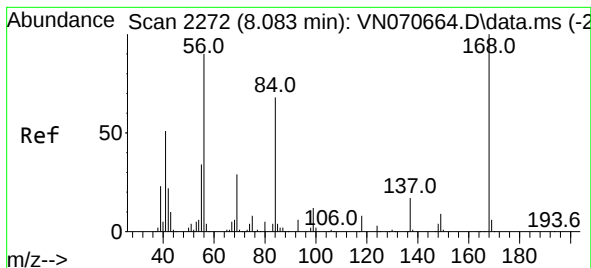
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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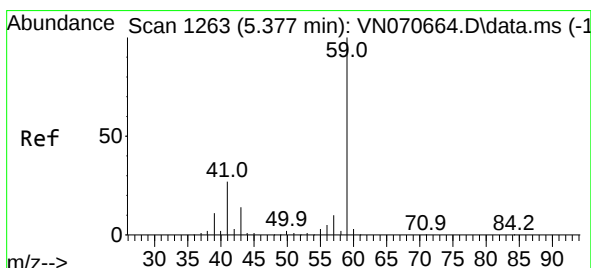
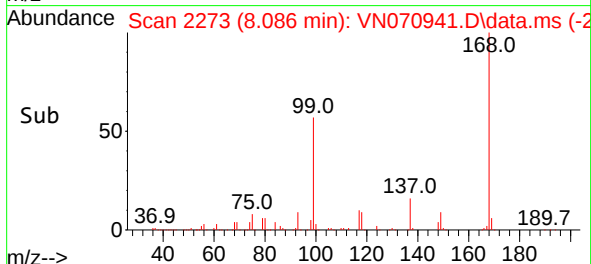
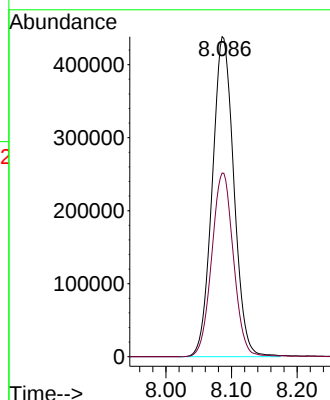
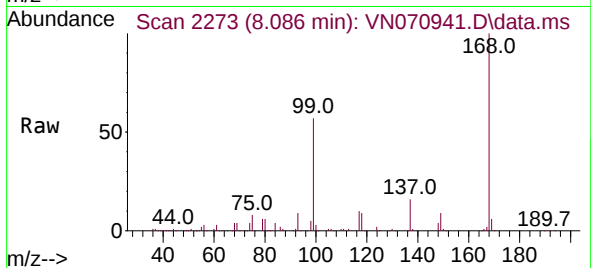




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070941.D
Acq: 3 Feb 2022 19:58

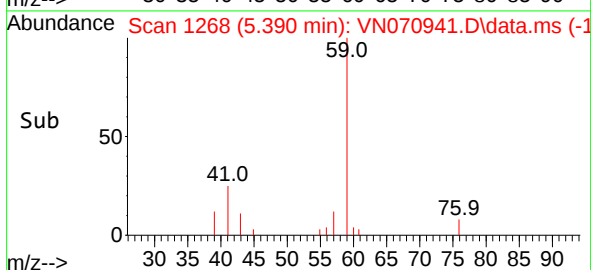
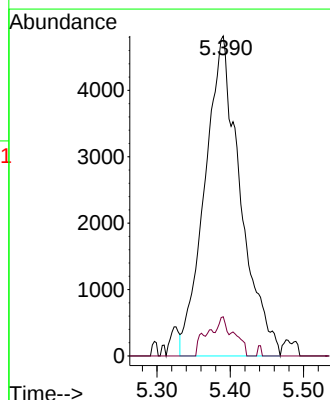
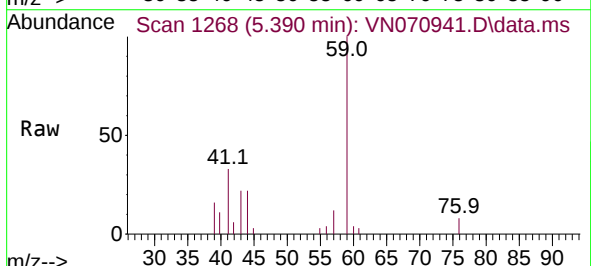
Instrument :
MSVOA_N
ClientSampleId :
31523DL2

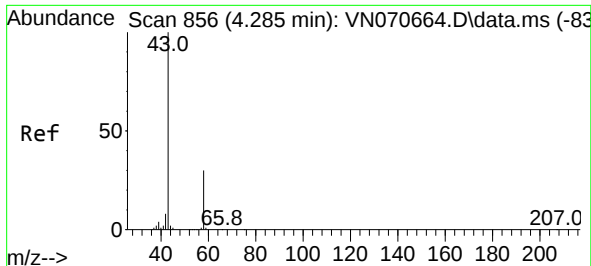
Tgt Ion:168 Resp: 1002650
Ion Ratio Lower Upper
168 100
99 57.4 41.3 61.9



#11
Tert butyl alcohol
Concen: 5.690 ug/l
RT: 5.390 min Scan# 1268
Delta R.T. 0.008 min
Lab File: VN070941.D
Acq: 3 Feb 2022 19:58

Tgt Ion: 59 Resp: 16228
Ion Ratio Lower Upper
59 100
57 1.4 8.7 13.1#

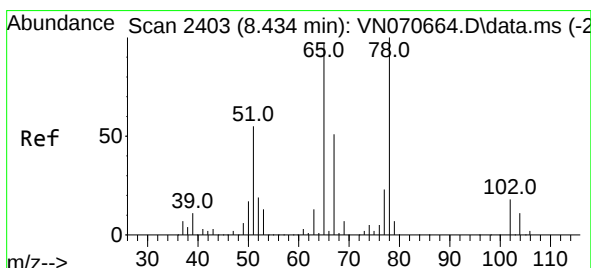
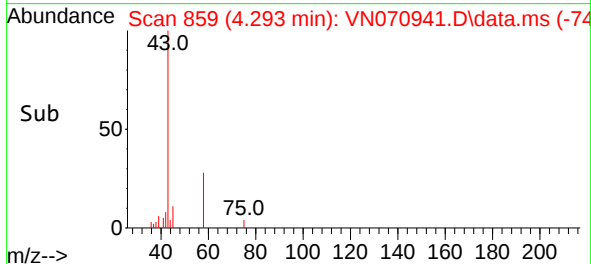
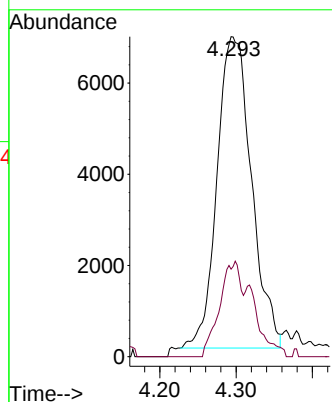
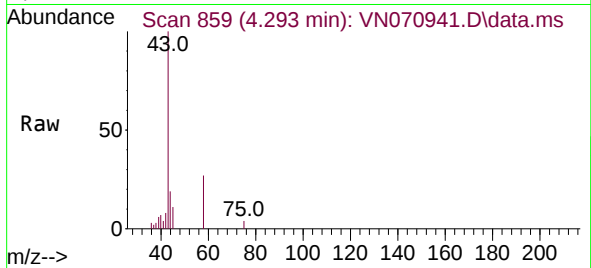




#16
Acetone
Concen: 2.637 ug/l
RT: 4.293 min Scan# 81
Delta R.T. 0.008 min
Lab File: VN070941.D
Acq: 3 Feb 2022 19:58

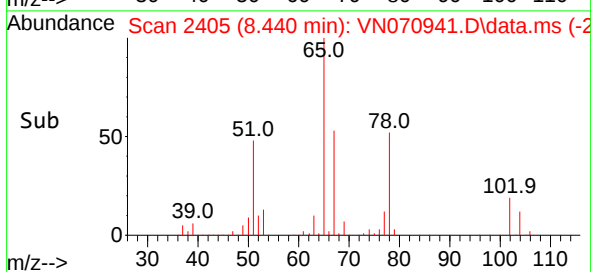
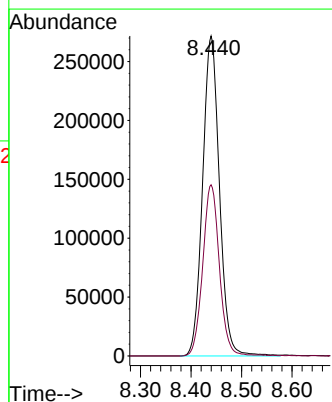
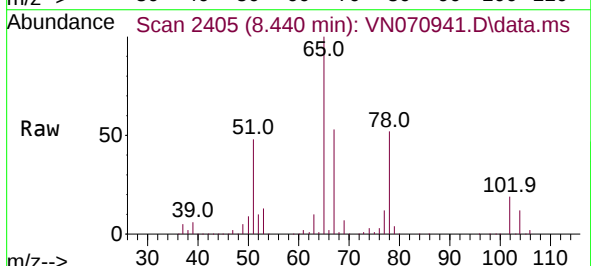
Instrument :
MSVOA_N
ClientSampleId :
31523DL2

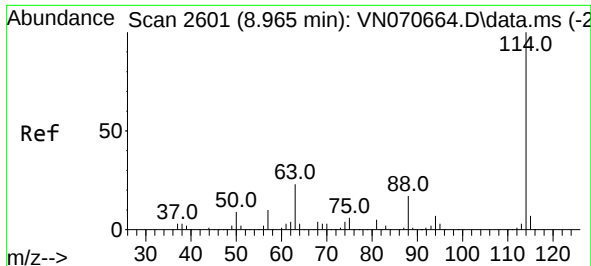
Tgt Ion: 43 Resp: 21401
Ion Ratio Lower Upper
43 100
58 28.1 23.1 34.7



#33
1,2-Dichloroethane-d4
Concen: 46.415 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN070941.D
Acq: 3 Feb 2022 19:58

Tgt Ion: 65 Resp: 629940
Ion Ratio Lower Upper
65 100
67 52.9 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2

Delta R.T. 0.003 min

Lab File: VN070941.D

Acq: 3 Feb 2022 19:58

Instrument :

MSVOA_N

ClientSampleId :

31523DL2

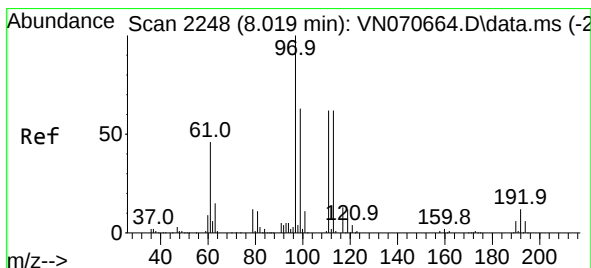
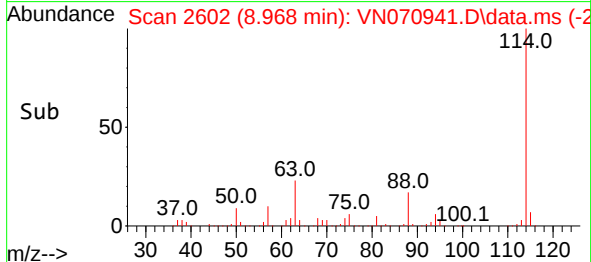
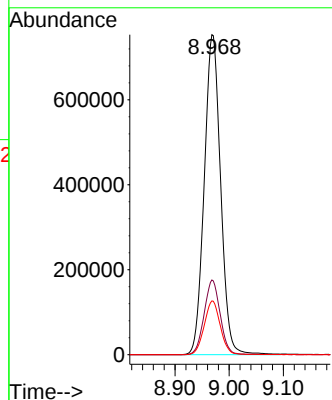
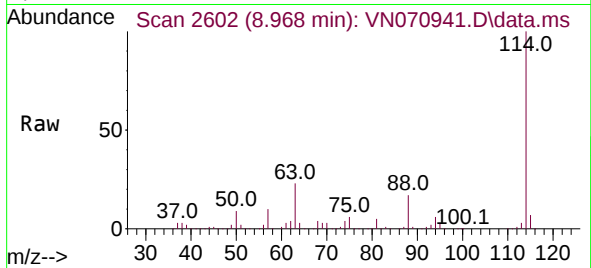
Tgt Ion:114 Resp: 1583173

Ion Ratio Lower Upper

114 100

63 23.4 0.0 37.8

88 16.8 0.0 27.4



#35

Dibromofluoromethane

Concen: 47.713 ug/l

RT: 8.024 min Scan# 2250

Delta R.T. 0.003 min

Lab File: VN070941.D

Acq: 3 Feb 2022 19:58

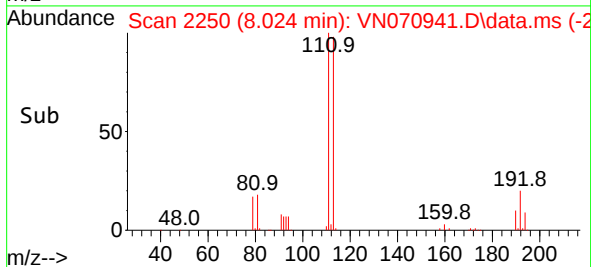
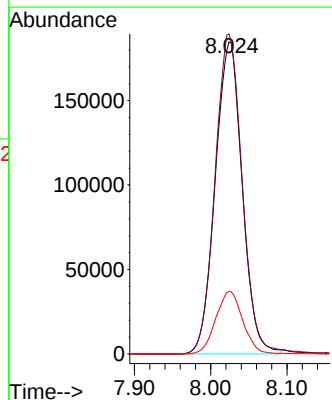
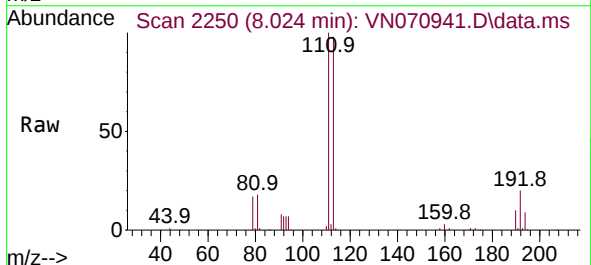
Tgt Ion:113 Resp: 452517

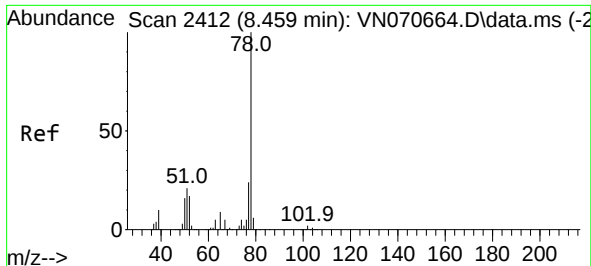
Ion Ratio Lower Upper

113 100

111 103.9 82.2 123.2

192 20.2 16.9 25.3





#40

Benzene

Concen: 19.259 ug/l

RT: 8.461 min Scan# 2412

Delta R.T. 0.002 min

Lab File: VN070941.D

Acq: 3 Feb 2022 19:58

Instrument :

MSVOA_N

ClientSampleId :

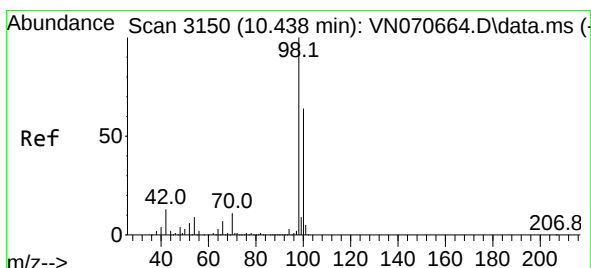
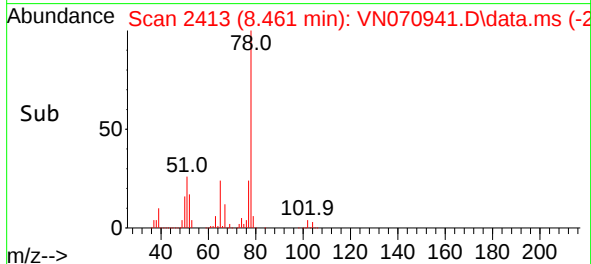
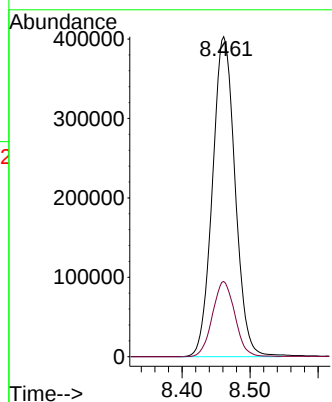
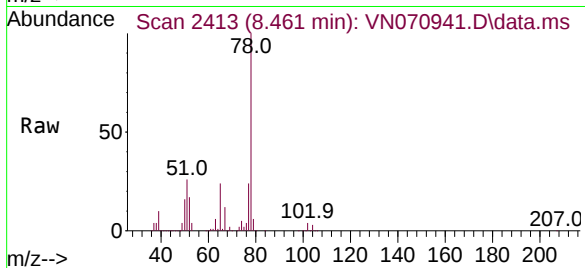
31523DL2

Tgt Ion: 78 Resp: 932263

Ion Ratio Lower Upper

78 100

77 23.5 18.6 27.8



#50

Toluene-d8

Concen: 49.162 ug/l

RT: 10.443 min Scan# 3152

Delta R.T. 0.002 min

Lab File: VN070941.D

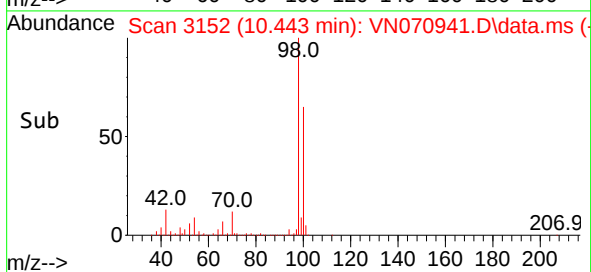
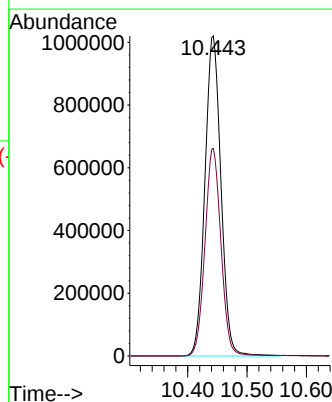
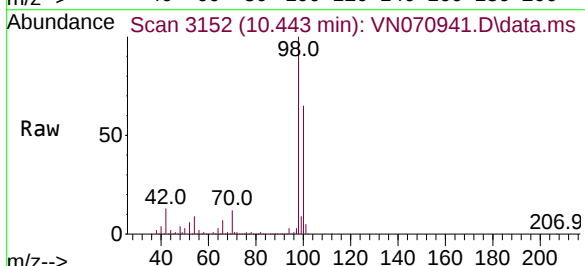
Acq: 3 Feb 2022 19:58

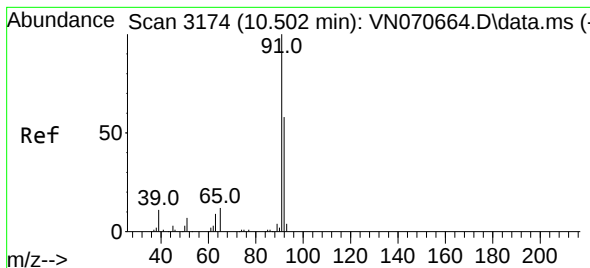
Tgt Ion: 98 Resp: 1914395

Ion Ratio Lower Upper

98 100

100 64.5 50.4 75.6





#52

Toluene

Concen: 9.587 ug/l

RT: 10.507 min Scan# 3174

Delta R.T. 0.002 min

Lab File: VN070941.D

Acq: 3 Feb 2022 19:58

Instrument :

MSVOA_N

ClientSampleId :

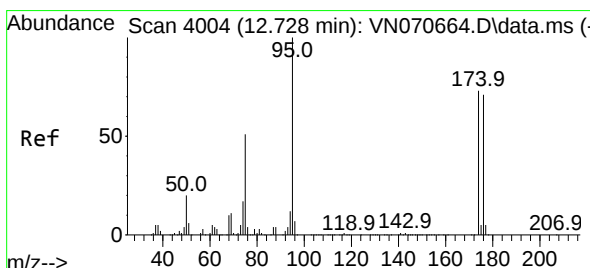
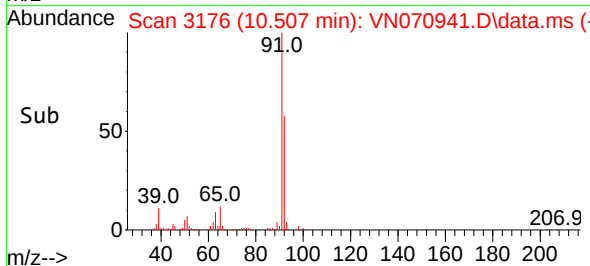
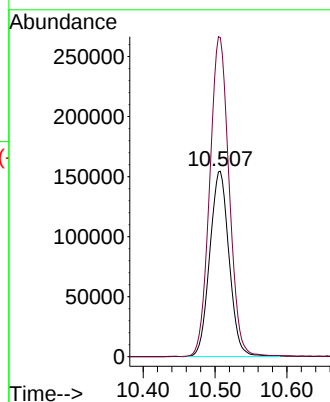
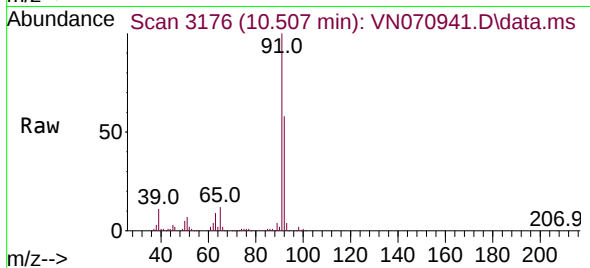
31523DL2

Tgt Ion: 92 Resp: 287527

Ion Ratio Lower Upper

92 100

91 174.0 142.0 213.0



#62

4-Bromofluorobenzene

Concen: 45.957 ug/l

RT: 12.733 min Scan# 4006

Delta R.T. 0.002 min

Lab File: VN070941.D

Acq: 3 Feb 2022 19:58

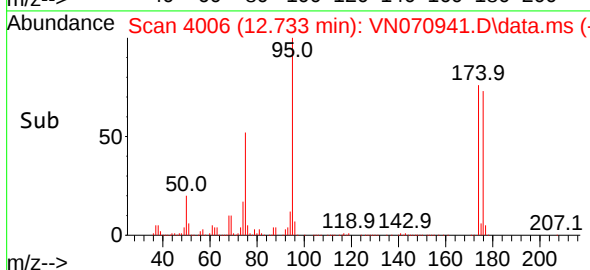
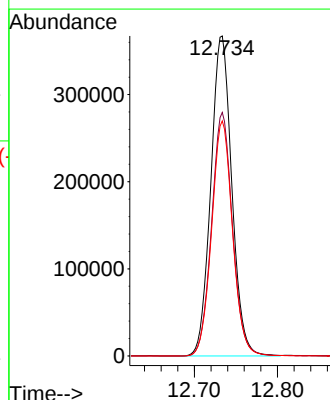
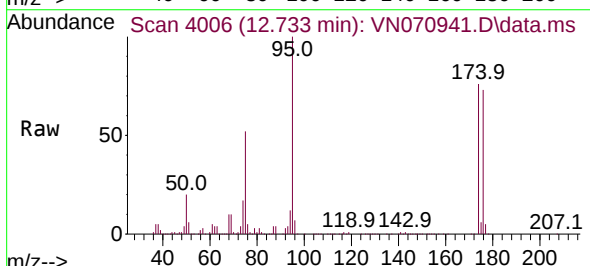
Tgt Ion: 95 Resp: 644835

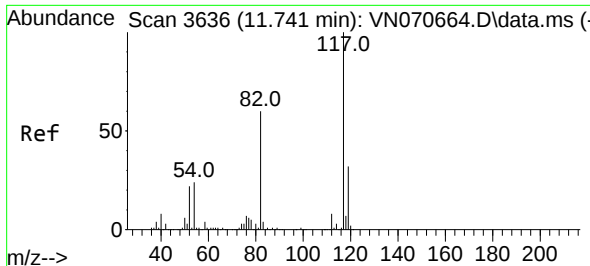
Ion Ratio Lower Upper

95 100

174 75.8 0.0 187.2

176 73.2 0.0 181.4

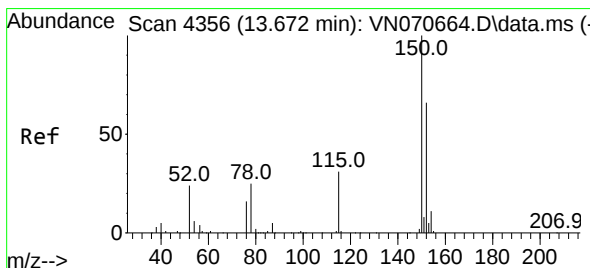
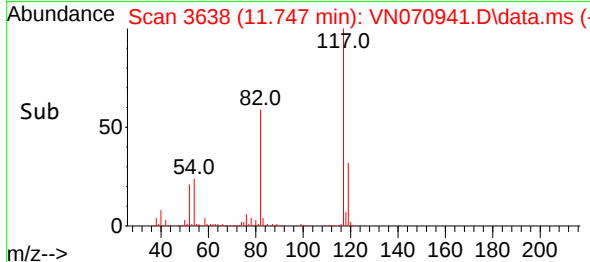
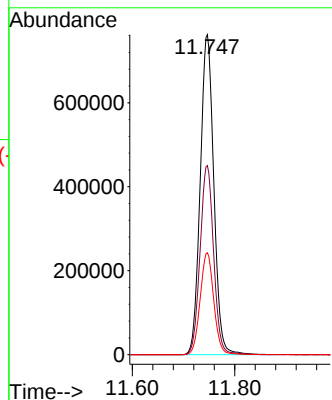
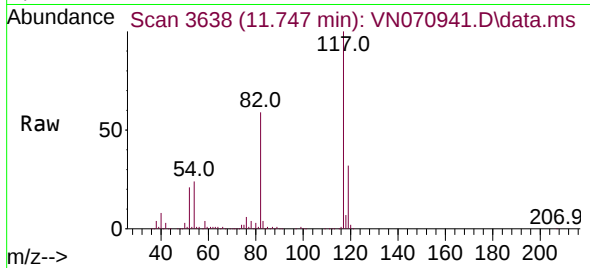




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3636
Delta R.T. 0.003 min
Lab File: VN070941.D
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Tgt Ion:117 Resp: 1404452
Ion Ratio Lower Upper
117 100
82 59.1 42.4 63.6
119 31.9 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070941.D
Acq: 3 Feb 2022 19:58

Tgt Ion:152 Resp: 537866
Ion Ratio Lower Upper
152 100
115 61.1 27.5 82.5
150 157.3 0.0 344.4

