

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021623\
 Data File : VN076721.D
 Acq On : 16 Feb 2023 19:04
 Operator : JC\MD
 Sample : 01572-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-277-281

Quant Time: Feb 17 00:17:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

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

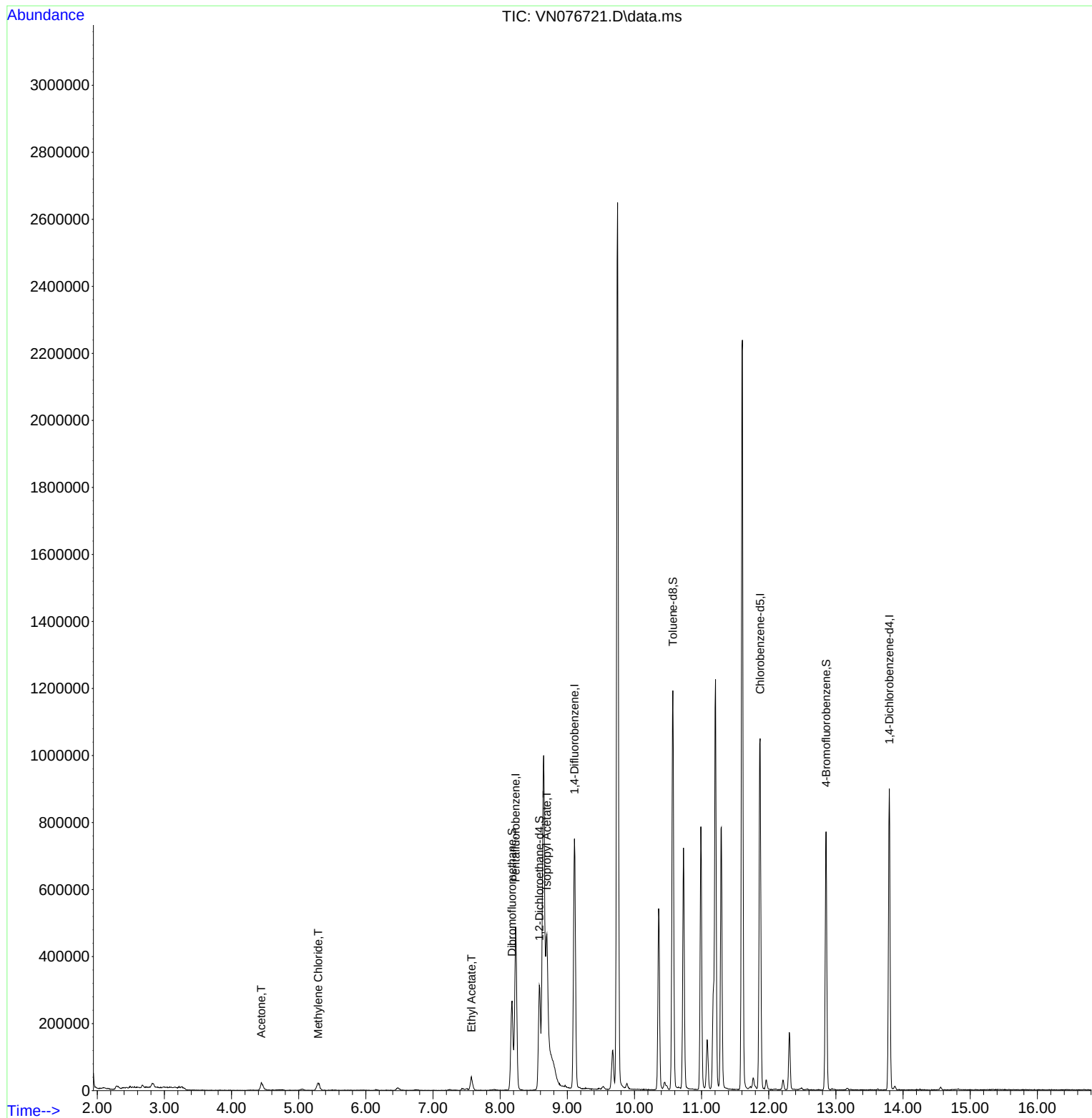
Internal Standards						
1) Pentafluorobenzene	8.231	168	336278	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	640899	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	594947	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	228013	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	245264	52.819	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.640%	
35) Dibromofluoromethane	8.178	113	187476	44.668	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 89.340%	
50) Toluene-d8	10.572	98	790960	50.462	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.920%	
62) 4-Bromofluorobenzene	12.854	95	246422	47.467	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.940%	
Target Compounds						
					Qvalue	
16) Acetone	4.443	43	40121	19.343	ug/l	95
20) Methylene Chloride	5.290	84	16424	3.778	ug/l #	94
37) Ethyl Acetate	7.572	43	57113	8.951	ug/l	96
43) Isopropyl Acetate	8.695	43	627552	60.445	ug/l #	74

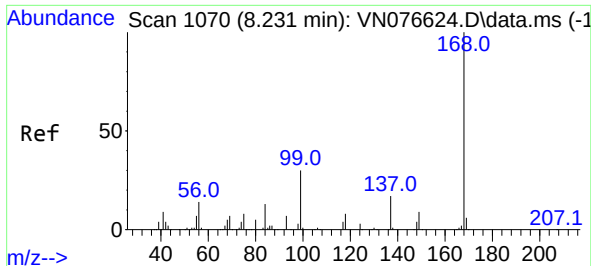
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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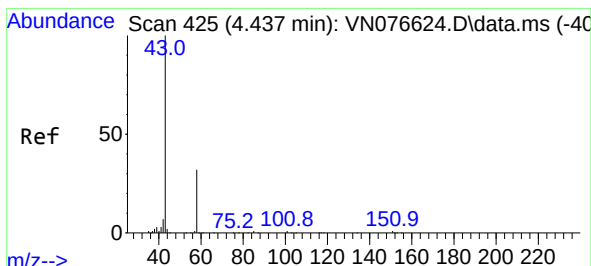
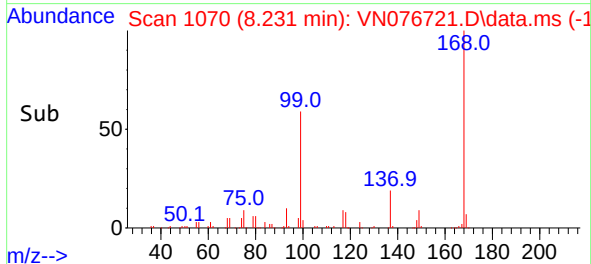
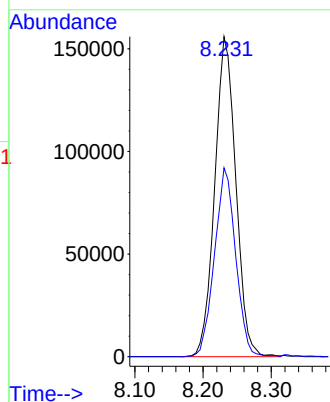
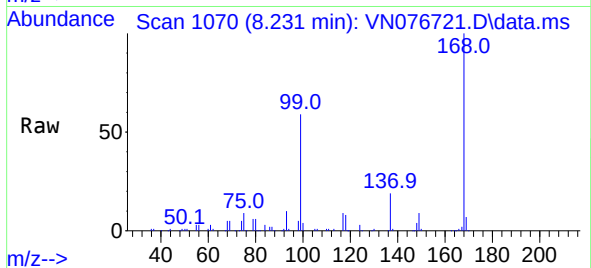




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN076721.D
Acq: 16 Feb 2023 19:04

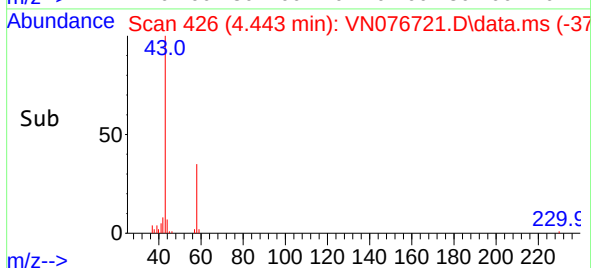
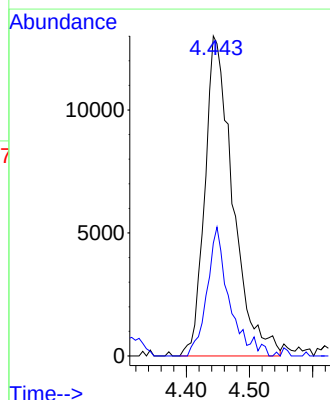
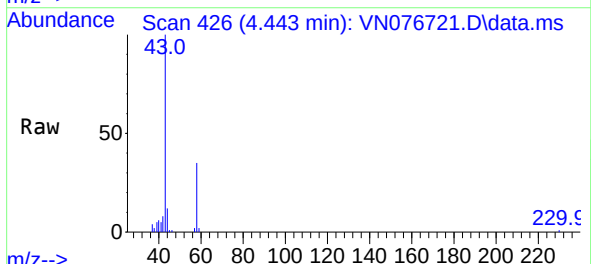
Instrument :
MSVOA_N
ClientSampleId :
COMP-277-281

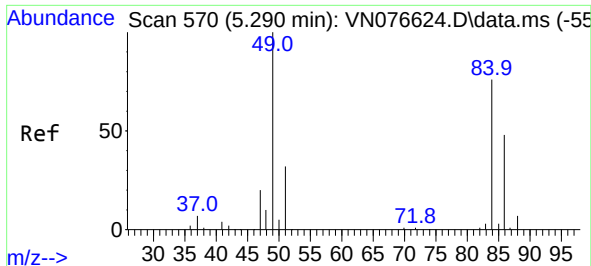
Tgt Ion:168 Resp: 336278
Ion Ratio Lower Upper
168 100
99 59.0 44.8 67.2



#16
Acetone
Concen: 19.343 ug/l
RT: 4.443 min Scan# 426
Delta R.T. 0.006 min
Lab File: VN076721.D
Acq: 16 Feb 2023 19:04

Tgt Ion: 43 Resp: 40121
Ion Ratio Lower Upper
43 100
58 35.2 25.9 38.9



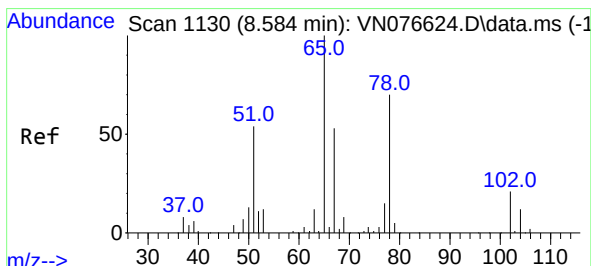
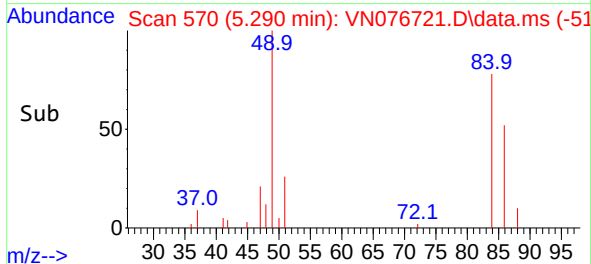
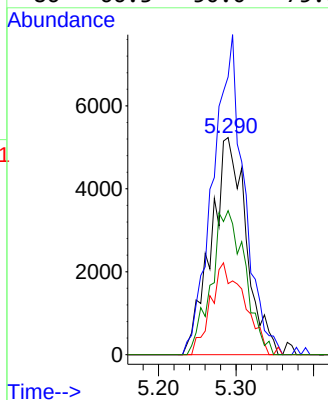
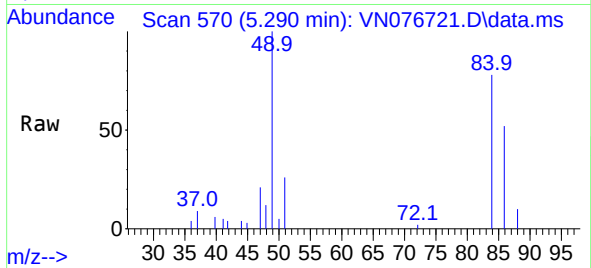


#20
Methylene Chloride
Concen: 3.778 ug/l
RT: 5.290 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN076721.D
Acq: 16 Feb 2023 19:04

Instrument :
MSVOA_N
ClientSampleId :
COMP-277-281

Tgt Ion: 84 Resp: 16424

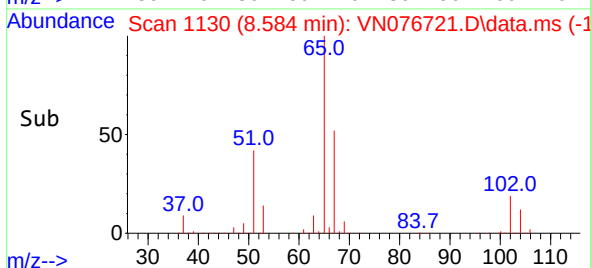
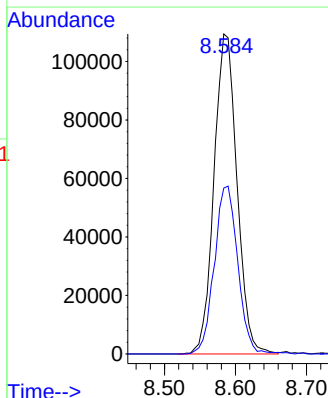
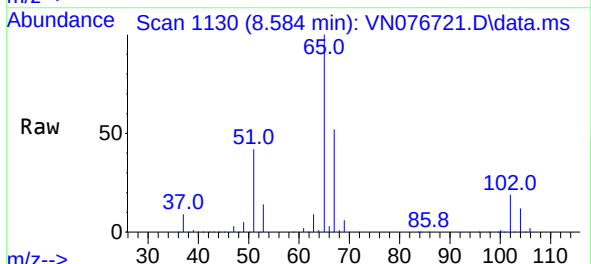
Ion	Ratio	Lower	Upper
84	100		
49	128.0	104.9	157.3
51	32.7	33.8	50.8#
86	66.3	50.0	75.0

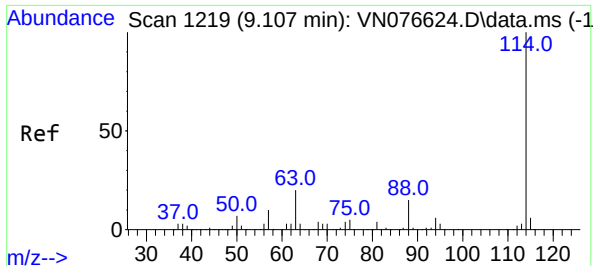


#33
1,2-Dichloroethane-d4
Concen: 52.819 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN076721.D
Acq: 16 Feb 2023 19:04

Tgt Ion: 65 Resp: 245264

Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN076721.D

Acq: 16 Feb 2023 19:04

Instrument :

MSVOA_N

ClientSampleId :

COMP-277-281

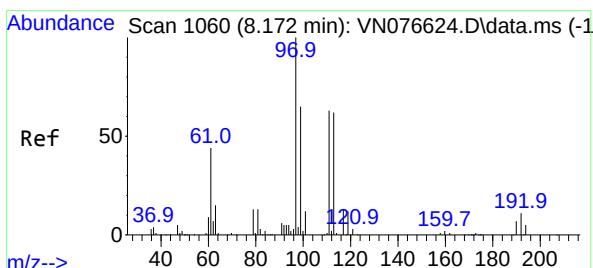
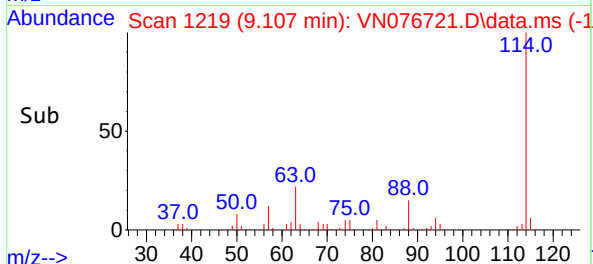
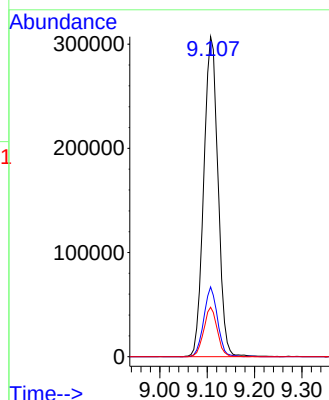
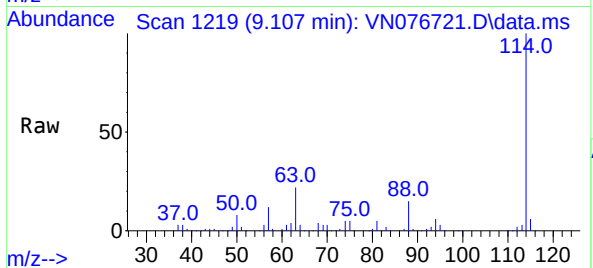
Tgt Ion:114 Resp: 640899

Ion Ratio Lower Upper

114 100

63 21.8 0.0 40.0

88 15.4 0.0 29.6



#35

Dibromofluoromethane

Concen: 44.668 ug/l

RT: 8.178 min Scan# 1061

Delta R.T. 0.006 min

Lab File: VN076721.D

Acq: 16 Feb 2023 19:04

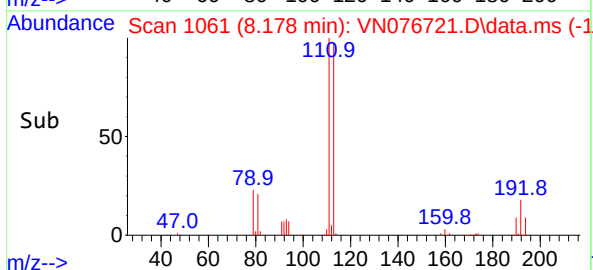
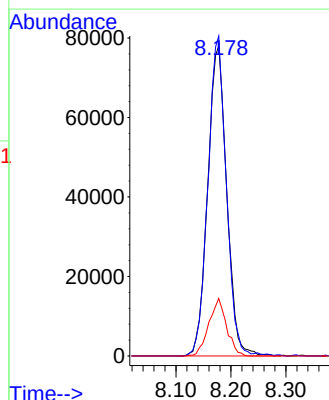
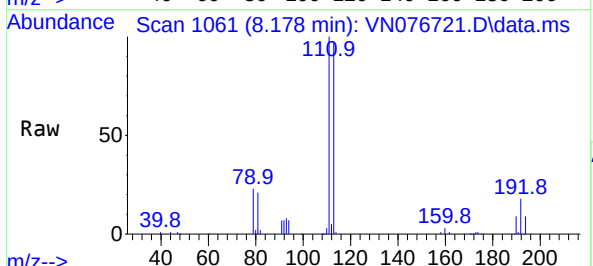
Tgt Ion:113 Resp: 187476

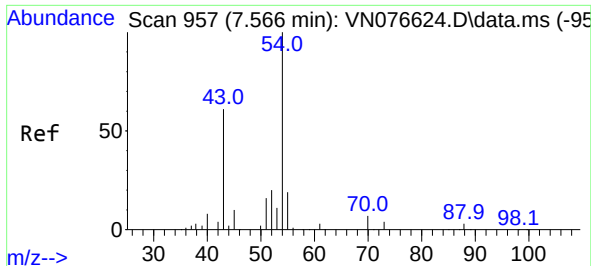
Ion Ratio Lower Upper

113 100

111 100.0 83.1 124.7

192 17.3 15.6 23.4

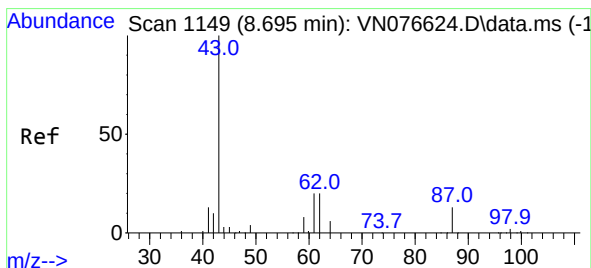
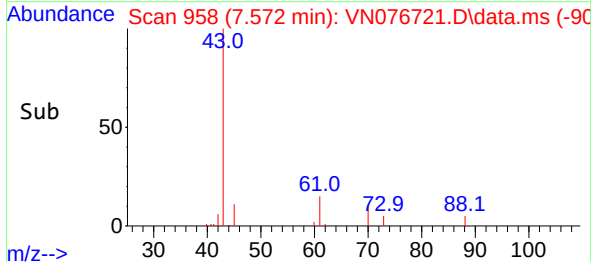
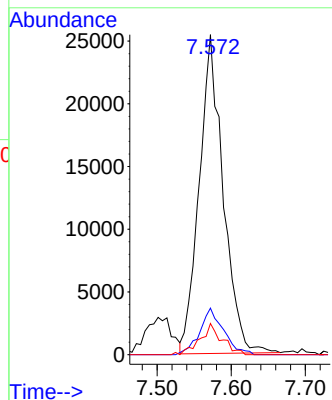
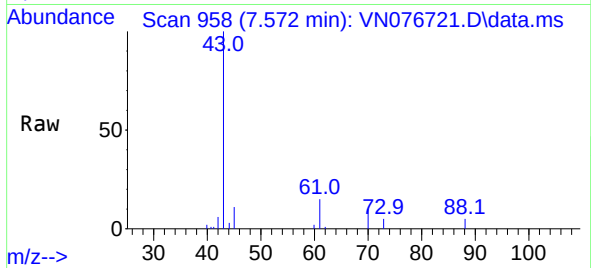




#37
Ethyl Acetate
Concen: 8.951 ug/l
RT: 7.572 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN076721.D
Acq: 16 Feb 2023 19:04

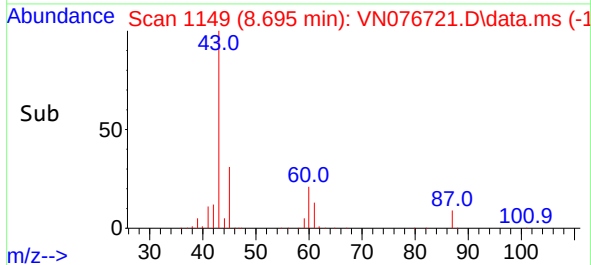
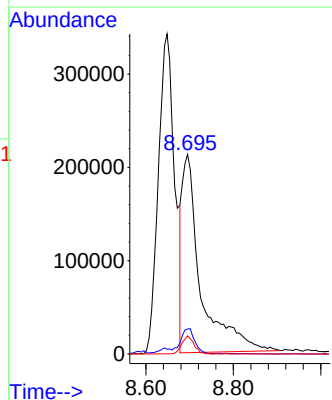
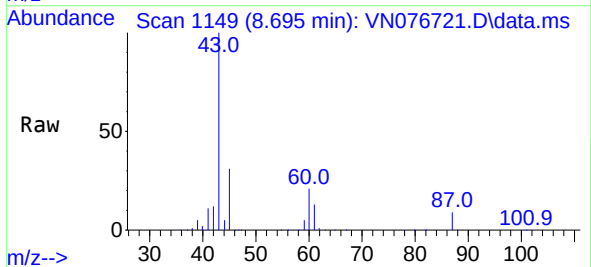
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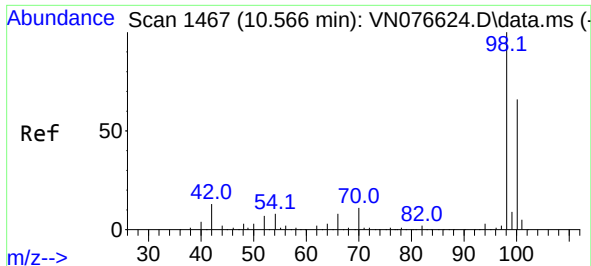
Tgt Ion:	43	Resp:	57113
Ion	Ratio	Lower	Upper
43	100		
61	14.5	9.9	14.9
70	8.9	7.8	11.6



#43
Isopropyl Acetate
Concen: 60.445 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN076721.D
Acq: 16 Feb 2023 19:04

Tgt Ion:	43	Resp:	627552
Ion	Ratio	Lower	Upper
43	100		
61	9.4	20.0	30.0#
87	5.9	9.9	14.9#

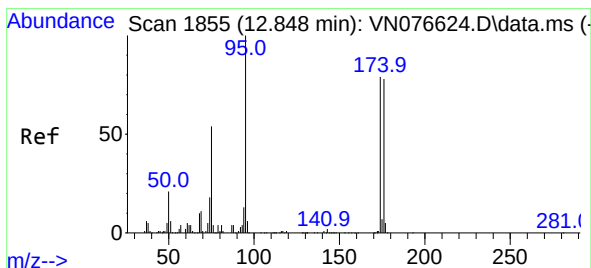
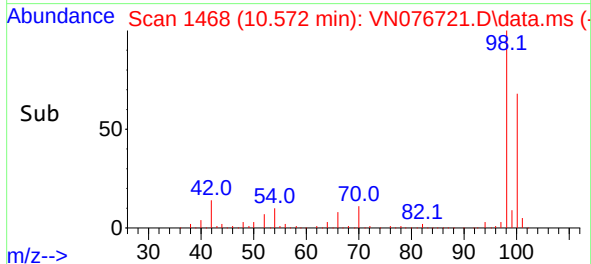
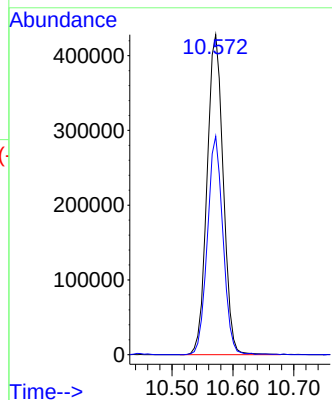
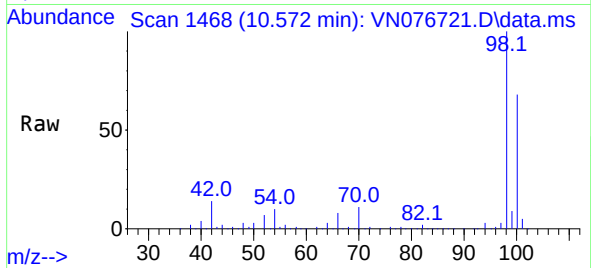




#50
Toluene-d8
Concen: 50.462 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN076721.D
Acq: 16 Feb 2023 19:04

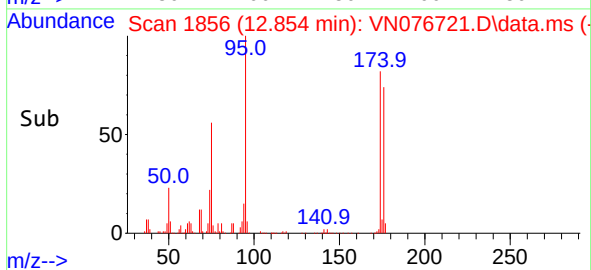
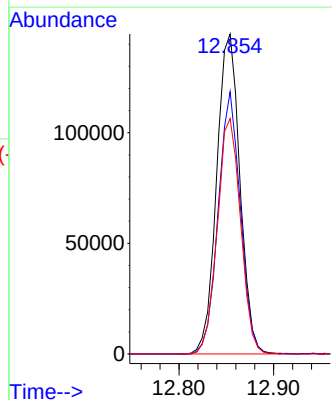
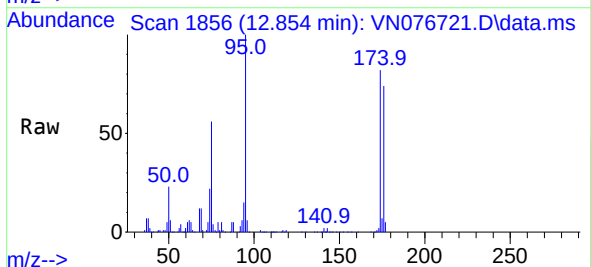
Instrument :
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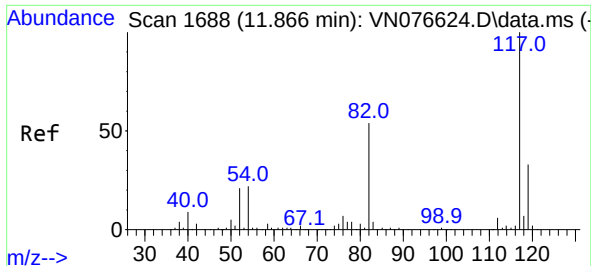
Tgt Ion: 98 Resp: 790960
Ion Ratio Lower Upper
98 100
100 65.6 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 47.467 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076721.D
Acq: 16 Feb 2023 19:04

Tgt Ion: 95 Resp: 246422
Ion Ratio Lower Upper
95 100
174 78.4 0.0 169.2
176 73.4 0.0 163.4

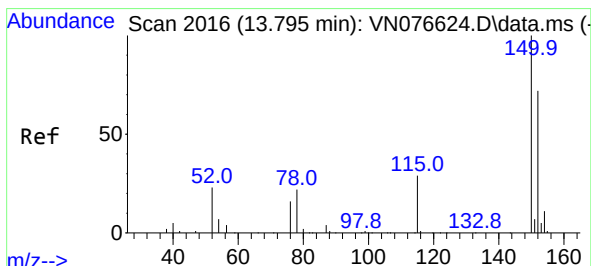
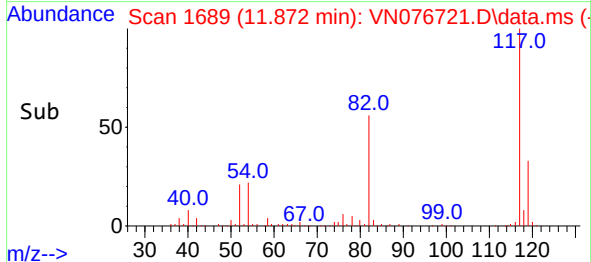
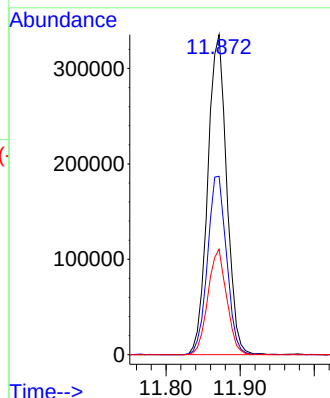
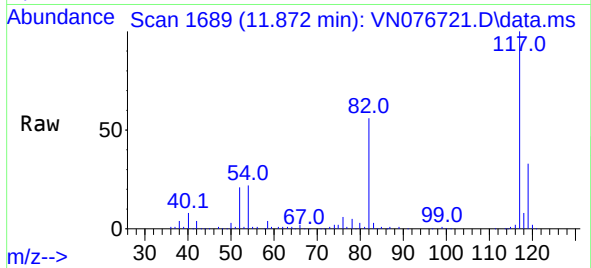




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.872 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN076721.D
Acq: 16 Feb 2023 19:04

Instrument :
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Tgt Ion:117 Resp: 594947
Ion Ratio Lower Upper
117 100
82 55.8 43.4 65.2
119 33.0 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN076721.D
Acq: 16 Feb 2023 19:04

Tgt Ion:152 Resp: 228013
Ion Ratio Lower Upper
152 100
115 61.5 29.3 87.9
150 162.0 0.0 349.8

