

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081222\
 Data File : VN073861.D
 Acq On : 12 Aug 2022 19:06
 Operator : JC\MD
 Sample : N4156-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FMC-0073

Quant Time: Aug 13 05:04:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 05:09:32 2022
 Response via : Initial Calibration

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

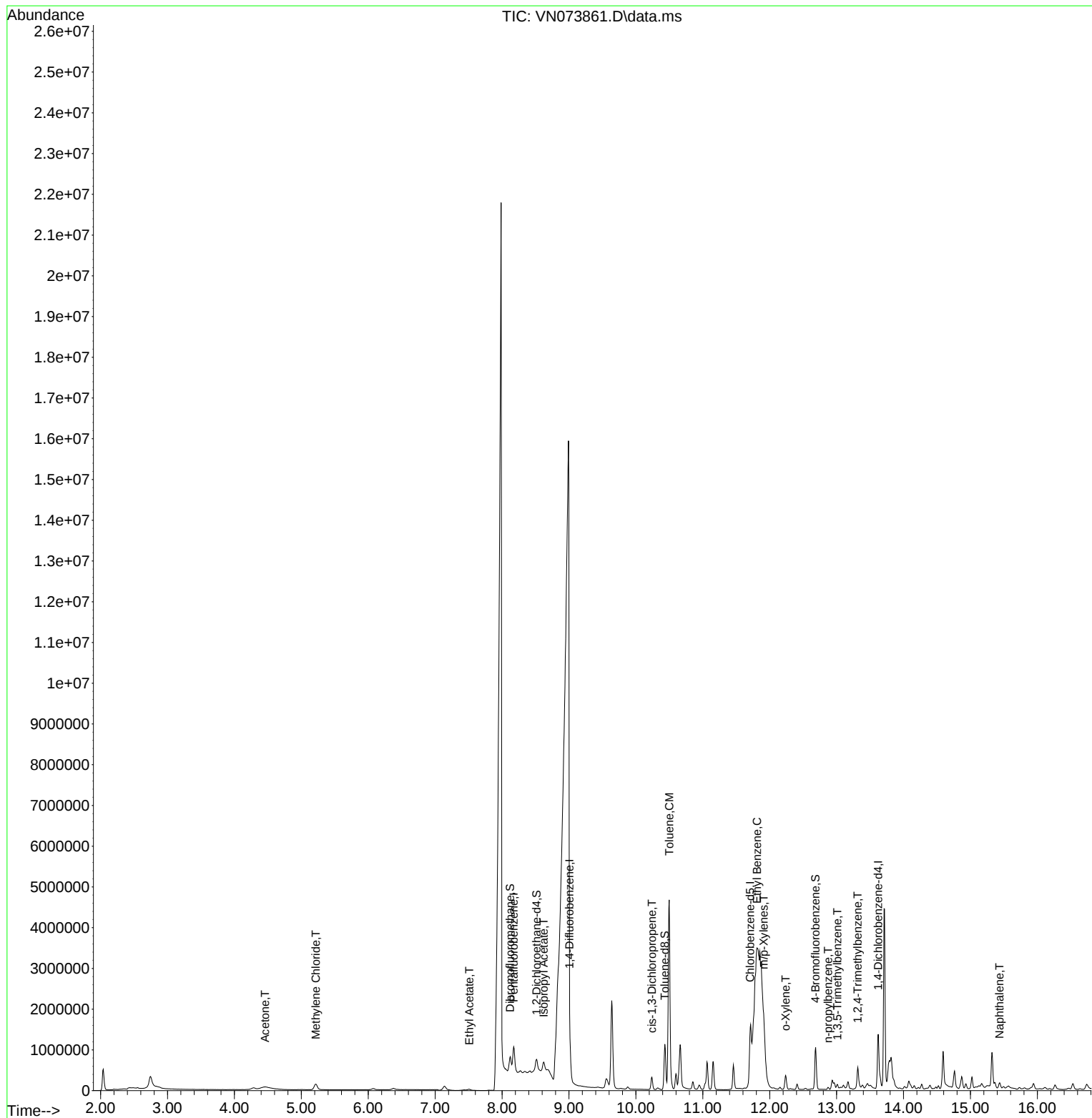
Internal Standards						
1) Pentafluorobenzene	8.175	168	492929	50.000	ug/l	0.16
34) 1,4-Difluorobenzene	9.010	114	763604	50.000	ug/l	0.11
63) Chlorobenzene-d5	11.710	117	715951	50.000	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.621	152	389667	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.516	65	256238	42.656	ug/l	0.15
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.320%
35) Dibromofluoromethane	8.122	113	254735	53.126	ug/l	0.17
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.260%
50) Toluene-d8	10.433	98	799990	42.398	ug/l	0.05
Spiked Amount	50.000	Range	86 - 113	Recovery	=	84.800%#
62) 4-Bromofluorobenzene	12.686	95	344442	51.890	ug/l	0.01
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.780%
Target Compounds						
					Qvalue	
16) Acetone	4.457	43	408055	126.470	ug/l	95
20) Methylene Chloride	5.216	84	127863	23.321	ug/l	96
37) Ethyl Acetate	7.510	43	70519	7.835	ug/l	97
43) Isopropyl Acetate	8.622	43	231770	19.066	ug/l	92
52) Toluene	10.498	92	2133867	157.422	ug/l	100
54) cis-1,3-Dichloropropene	10.239	75	61752	7.507	ug/l #	60
67) Ethyl Benzene	11.810	91	127026	4.951	ug/l	97
68) m/p-Xylenes	11.910	106	147205	15.044	ug/l	100
69) o-Xylene	12.239	106	94550	9.911	ug/l	99
78) n-propylbenzene	12.874	91	44527	1.387	ug/l	100
80) 1,3,5-Trimethylbenzene	13.010	105	56136	2.391	ug/l	98
84) 1,2,4-Trimethylbenzene	13.316	105	281787	12.208	ug/l	99
95) Naphthalene	15.433	128	133367	6.023	ug/l	97

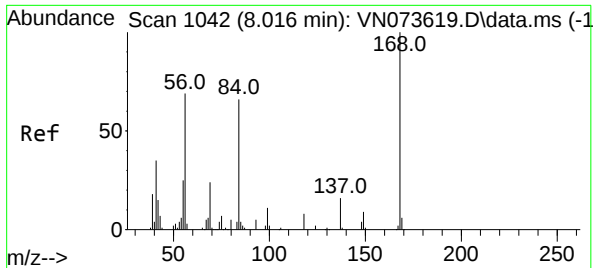
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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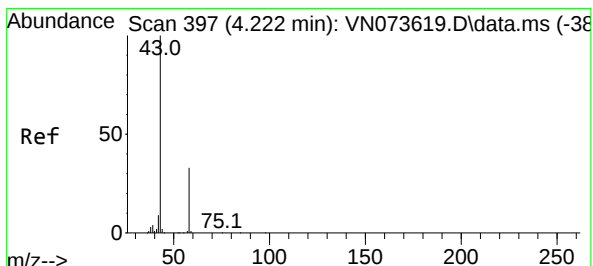
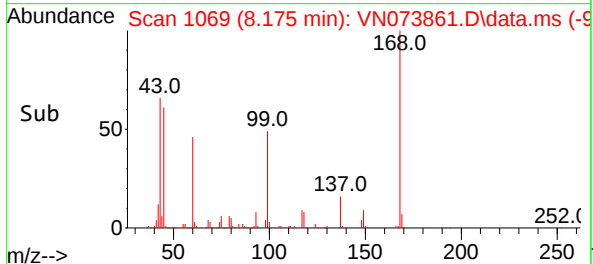
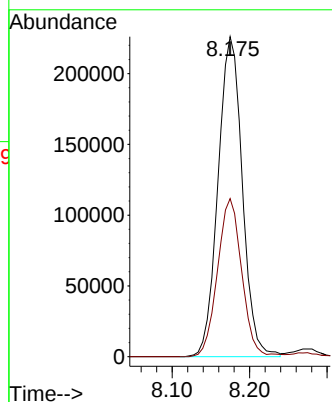
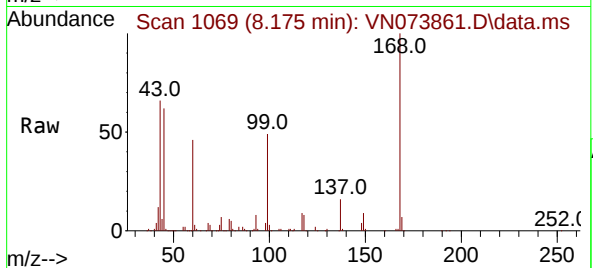




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.175 min Scan# 1069
Delta R.T. 0.159 min
Lab File: VN073861.D
Acq: 12 Aug 2022 19:06

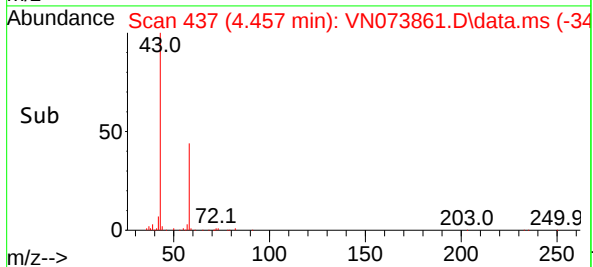
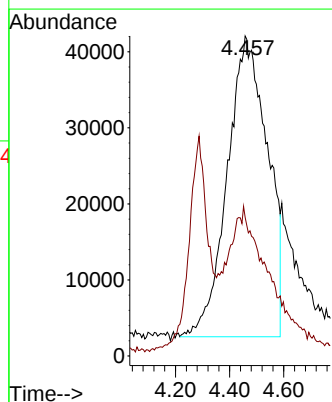
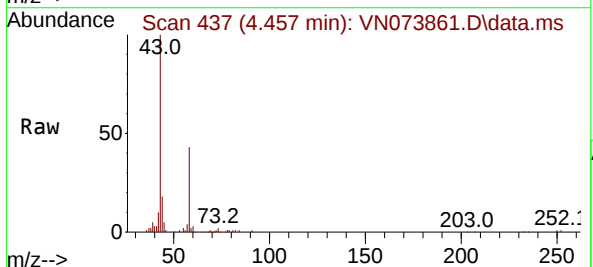
Instrument :
MSVOA_N
ClientSampleId :
FMC-0073

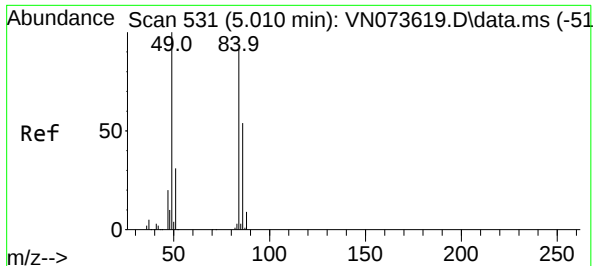
Tgt Ion:168 Resp: 492929
Ion Ratio Lower Upper
168 100
99 49.4 42.3 63.5



#16
Acetone
Concen: 126.470 ug/l
RT: 4.457 min Scan# 437
Delta R.T. 0.235 min
Lab File: VN073861.D
Acq: 12 Aug 2022 19:06

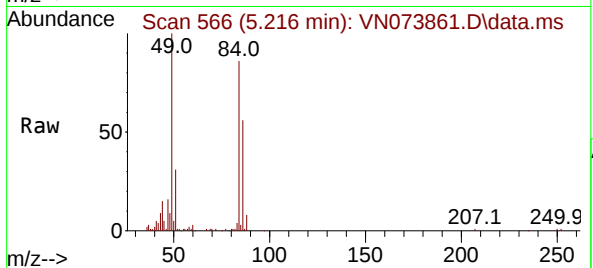
Tgt Ion: 43 Resp: 408055
Ion Ratio Lower Upper
43 100
58 35.5 26.0 39.0





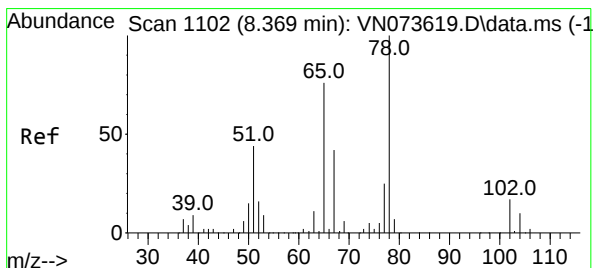
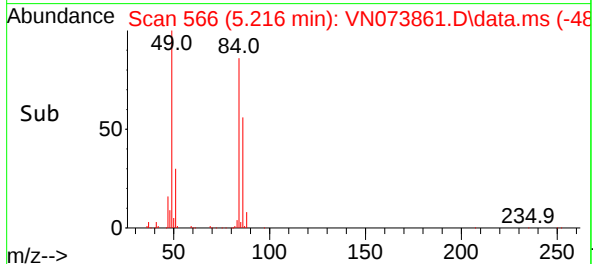
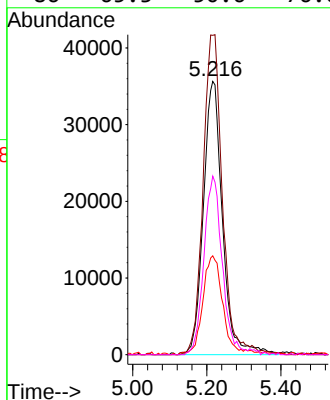
#20
Methylene Chloride
Concen: 23.321 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.206 min
Lab File: VN073861.D
Acq: 12 Aug 2022 19:06

Instrument :
MSVOA_N
ClientSampleId :
FMC-0073



Tgt Ion: 84 Resp: 127863

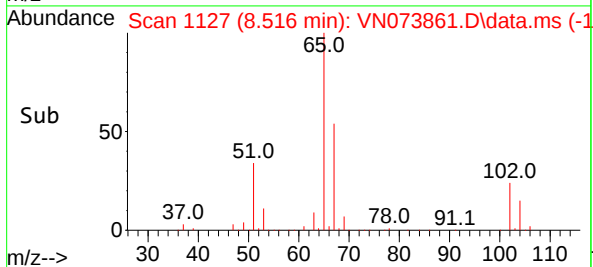
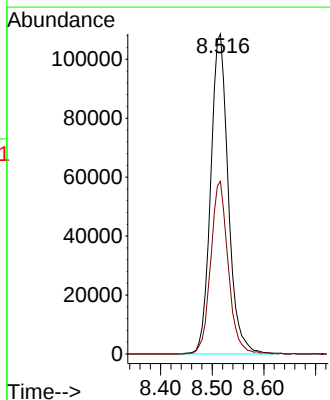
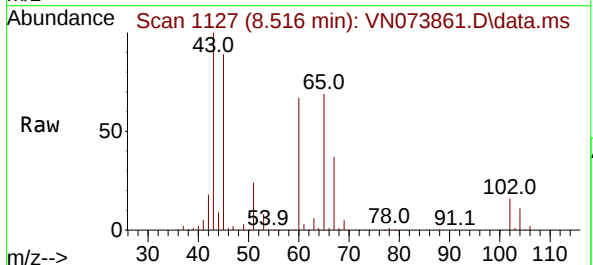
Ion	Ratio	Lower	Upper
84	100		
49	116.9	88.3	132.5
51	36.2	28.2	42.2
86	65.3	50.6	76.0

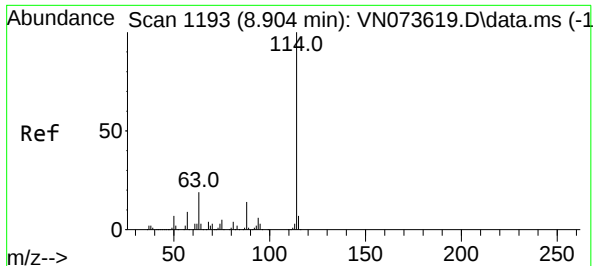


#33
1,2-Dichloroethane-d4
Concen: 42.656 ug/l
RT: 8.516 min Scan# 1127
Delta R.T. 0.147 min
Lab File: VN073861.D
Acq: 12 Aug 2022 19:06

Tgt Ion: 65 Resp: 256238

Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.010 min Scan# 11

Delta R.T. 0.106 min

Lab File: VN073861.D

Acq: 12 Aug 2022 19:06

Instrument :

MSVOA_N

ClientSampleId :

FMC-0073

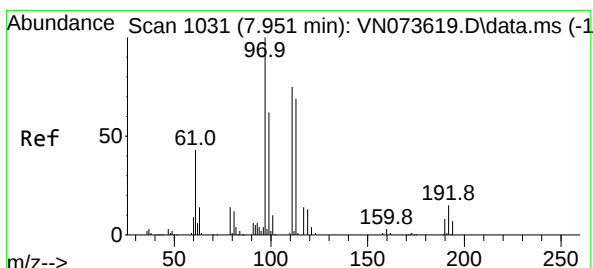
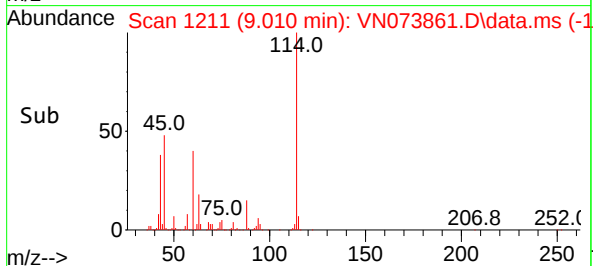
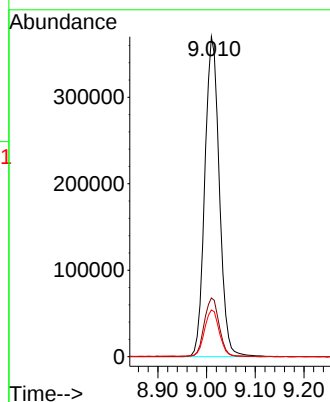
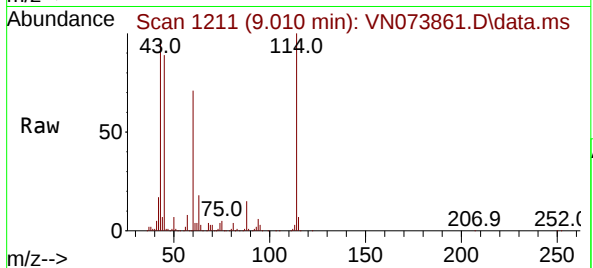
Tgt Ion:114 Resp: 763604

Ion Ratio Lower Upper

114 100

63 18.3 0.0 40.0

88 14.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 53.126 ug/l

RT: 8.122 min Scan# 1060

Delta R.T. 0.171 min

Lab File: VN073861.D

Acq: 12 Aug 2022 19:06

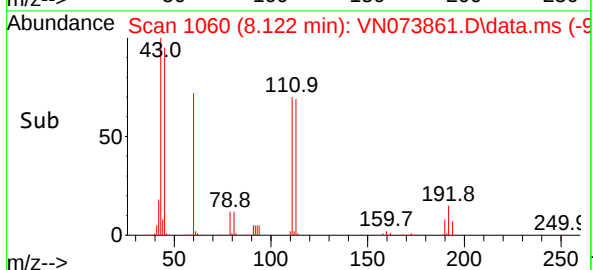
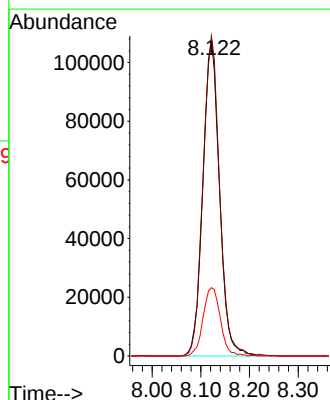
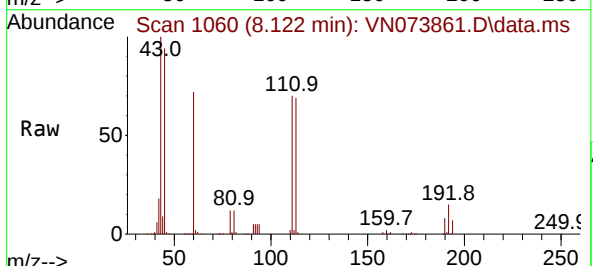
Tgt Ion:113 Resp: 254735

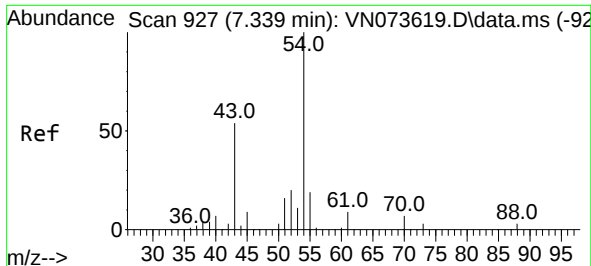
Ion Ratio Lower Upper

113 100

111 101.8 81.4 122.0

192 22.5 17.0 25.6

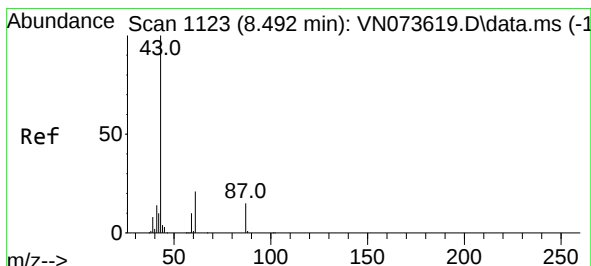
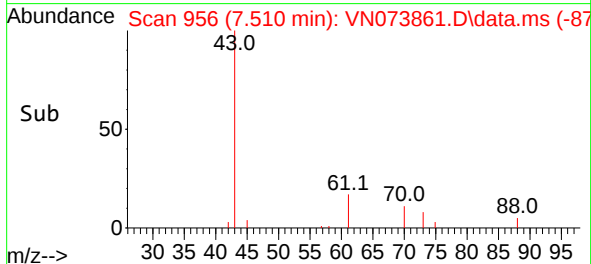
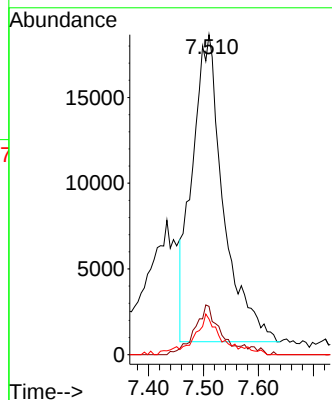
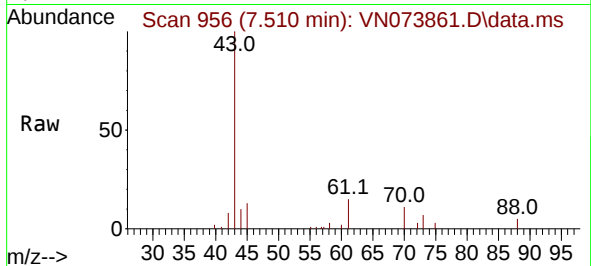




#37
Ethyl Acetate
Concen: 7.835 ug/l
RT: 7.510 min Scan# 91
Delta R.T. 0.171 min
Lab File: VN073861.D
Acq: 12 Aug 2022 19:06

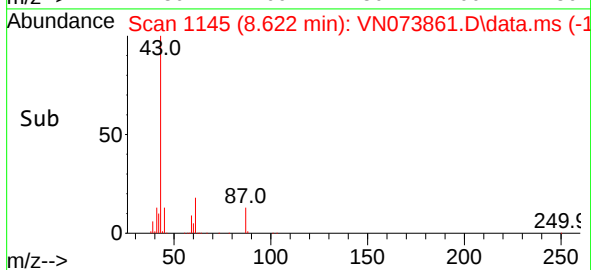
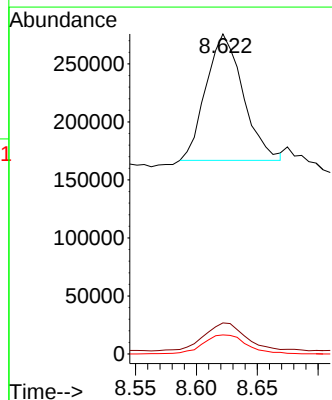
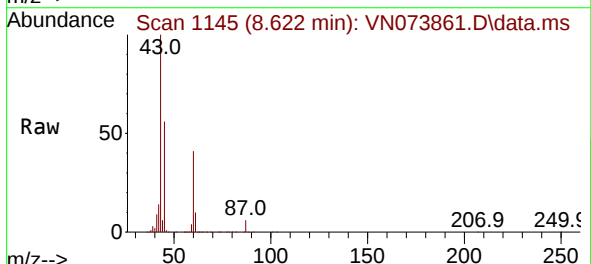
Instrument :
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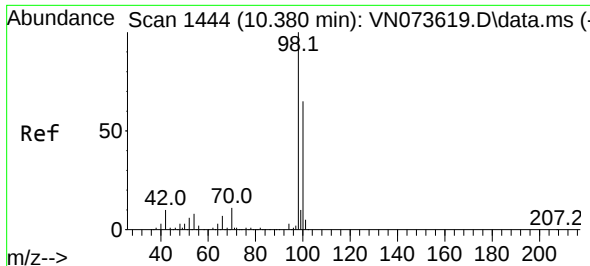
Tgt Ion:	43	Resp:	70519
Ion	Ratio	Lower	Upper
43	100		
61	12.9	11.8	17.6
70	10.8	9.3	13.9



#43
Isopropyl Acetate
Concen: 19.066 ug/l
RT: 8.622 min Scan# 1145
Delta R.T. 0.129 min
Lab File: VN073861.D
Acq: 12 Aug 2022 19:06

Tgt Ion:	43	Resp:	231770
Ion	Ratio	Lower	Upper
43	100		
61	31.9	21.9	32.9
87	17.9	12.0	18.0

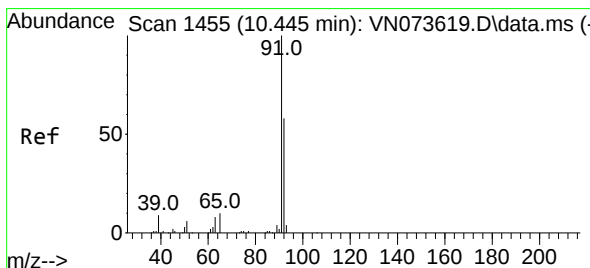
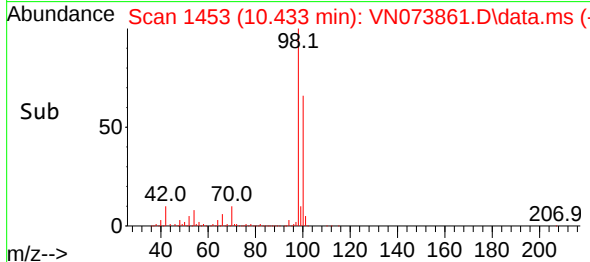
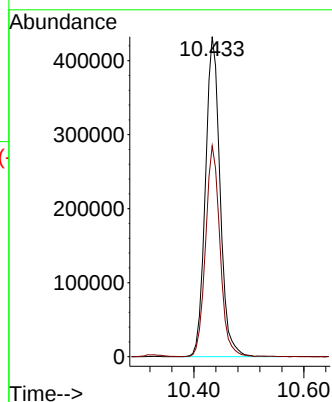
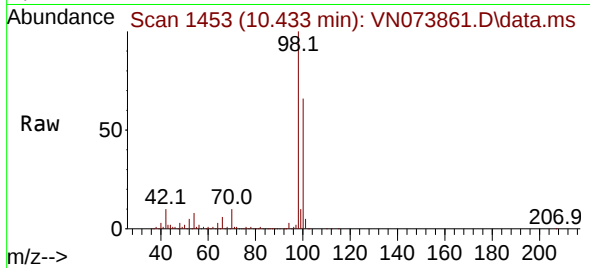




#50
Toluene-d8
Concen: 42.398 ug/l
RT: 10.433 min Scan# 1444
Delta R.T. 0.053 min
Lab File: VN073861.D
Acq: 12 Aug 2022 19:06

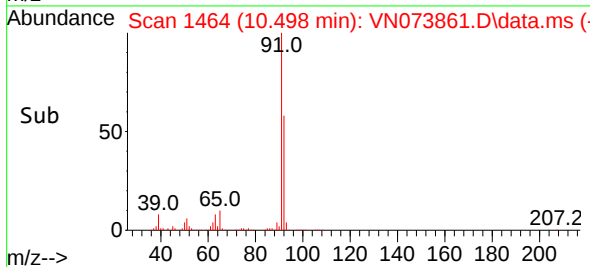
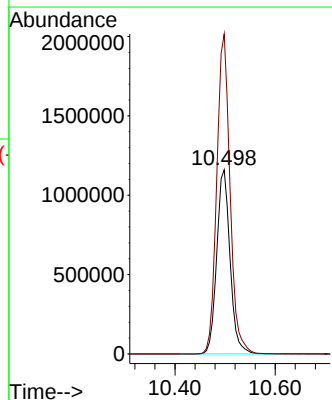
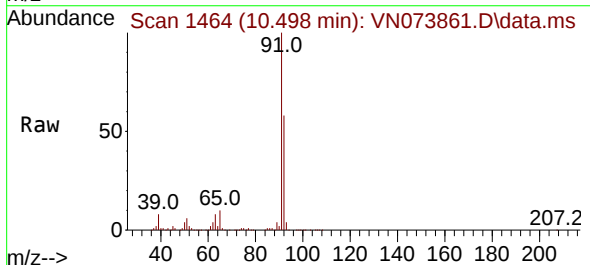
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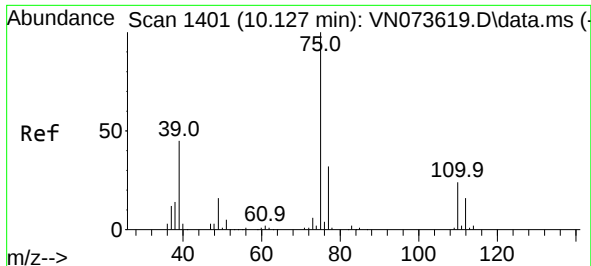
Tgt Ion: 98 Resp: 799990
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8



#52
Toluene
Concen: 157.422 ug/l
RT: 10.498 min Scan# 1464
Delta R.T. 0.053 min
Lab File: VN073861.D
Acq: 12 Aug 2022 19:06

Tgt Ion: 92 Resp: 2133867
Ion Ratio Lower Upper
92 100
91 173.4 138.6 207.8

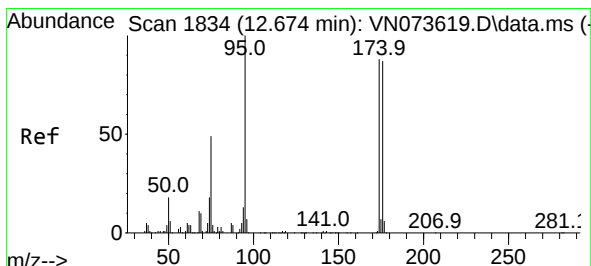
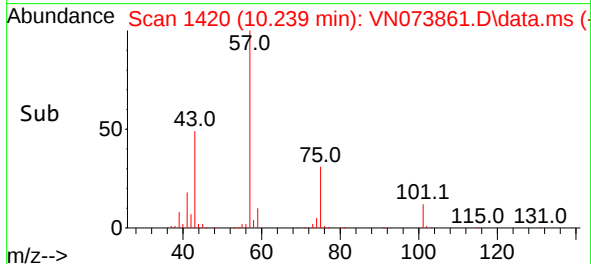
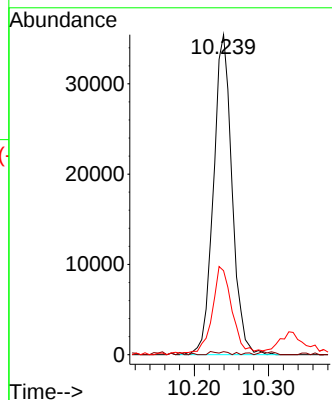
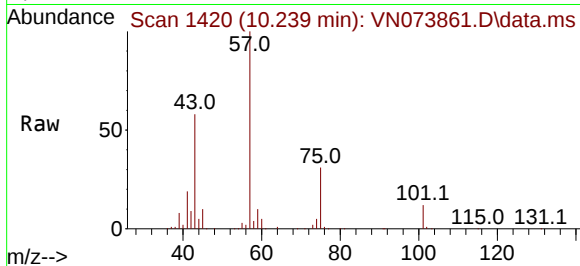




#54
 cis-1,3-Dichloropropene
 Concen: 7.507 ug/l
 RT: 10.239 min Scan# 1401
 Delta R.T. 0.112 min
 Lab File: VN073861.D
 Acq: 12 Aug 2022 19:06

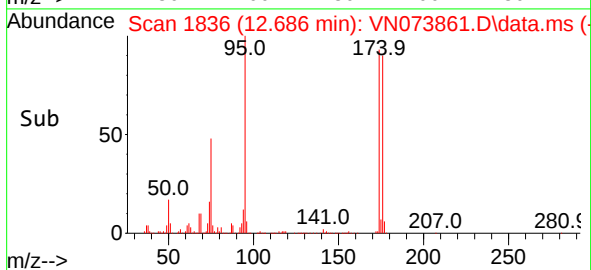
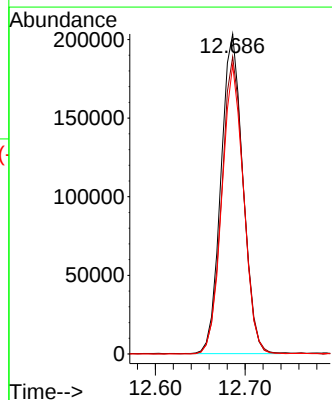
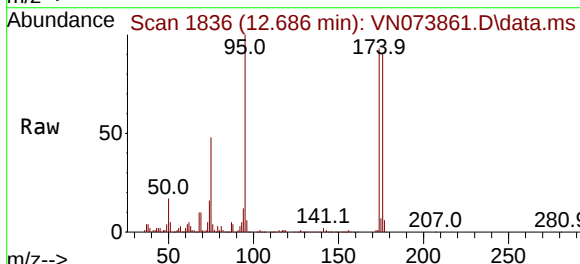
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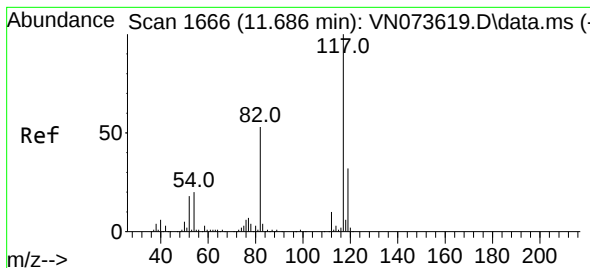
Tgt Ion: 75 Resp: 61752
 Ion Ratio Lower Upper
 75 100
 77 1.0 25.2 37.8#
 39 25.7 35.7 53.5#



#62
 4-Bromofluorobenzene
 Concen: 51.890 ug/l
 RT: 12.686 min Scan# 1836
 Delta R.T. 0.012 min
 Lab File: VN073861.D
 Acq: 12 Aug 2022 19:06

Tgt Ion: 95 Resp: 344442
 Ion Ratio Lower Upper
 95 100
 174 93.3 0.0 167.6
 176 89.3 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.710 min Scan# 1

Delta R.T. 0.024 min

Lab File: VN073861.D

Acq: 12 Aug 2022 19:06

Instrument :

MSVOA_N

ClientSampleId :

FMC-0073

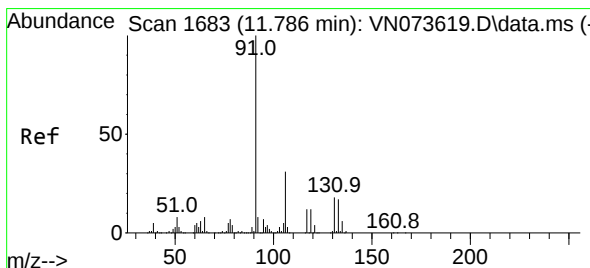
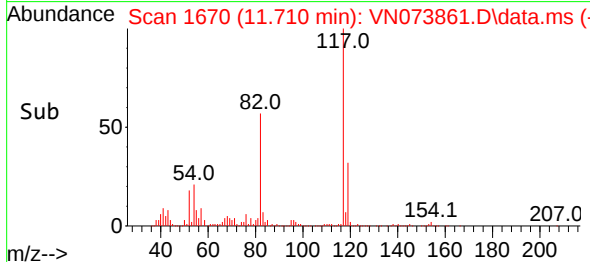
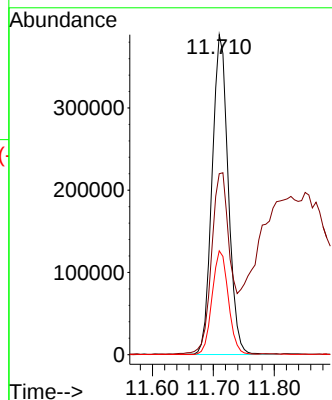
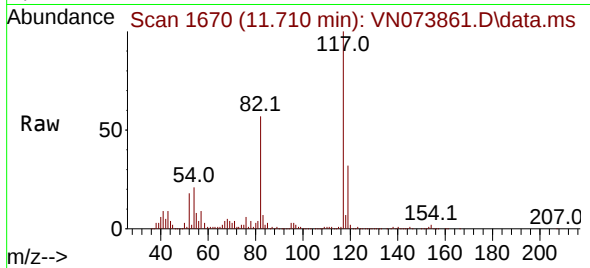
Tgt Ion:117 Resp: 715951

Ion Ratio Lower Upper

117 100

82 56.2 44.2 66.2

119 32.4 25.4 38.0



#67

Ethyl Benzene

Concen: 4.951 ug/l

RT: 11.810 min Scan# 1687

Delta R.T. 0.024 min

Lab File: VN073861.D

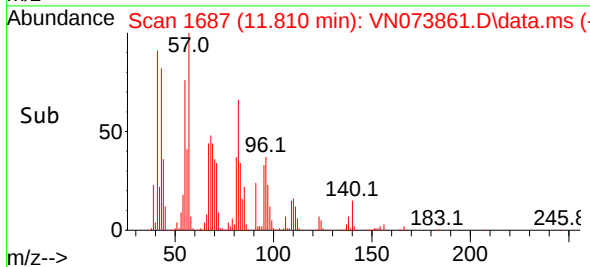
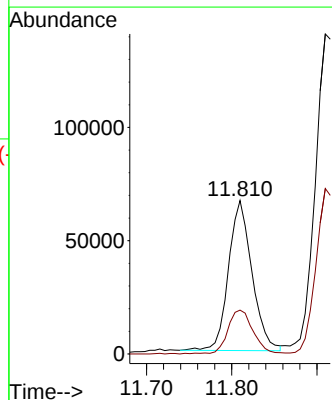
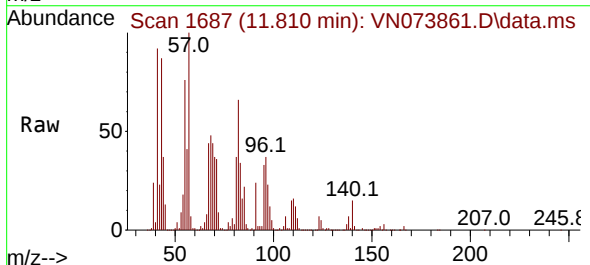
Acq: 12 Aug 2022 19:06

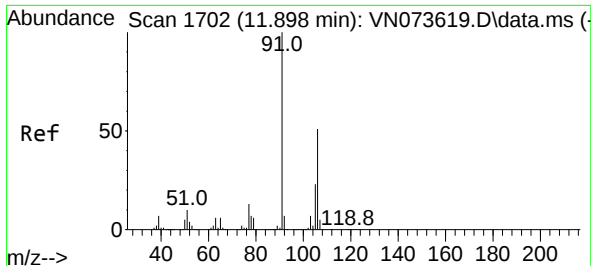
Tgt Ion: 91 Resp: 127026

Ion Ratio Lower Upper

91 100

106 29.3 24.9 37.3

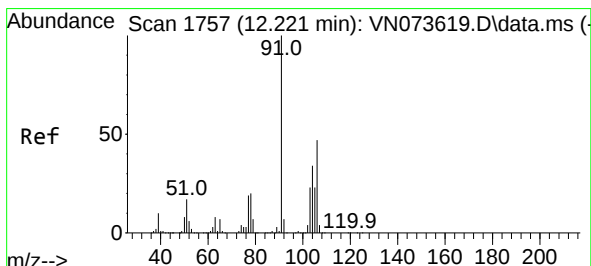
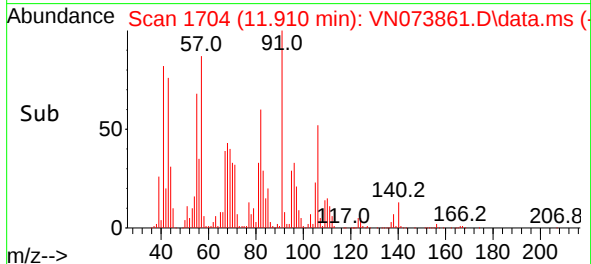
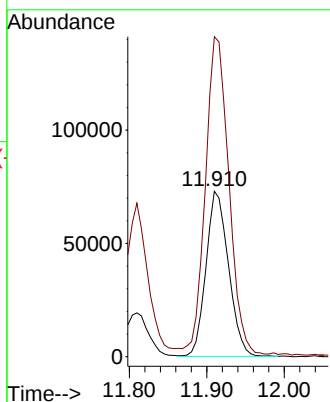
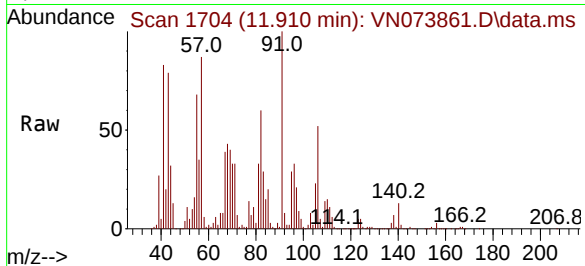




#68
m/p-Xylenes
Concen: 15.044 ug/l
RT: 11.910 min Scan# 1704
Delta R.T. 0.012 min
Lab File: VN073861.D
Acq: 12 Aug 2022 19:06

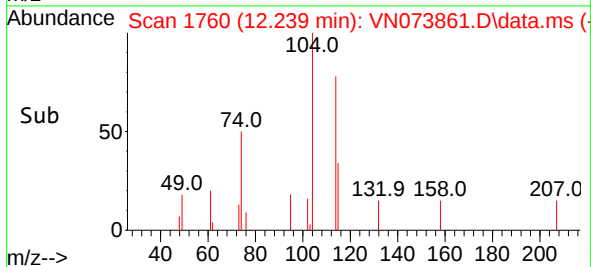
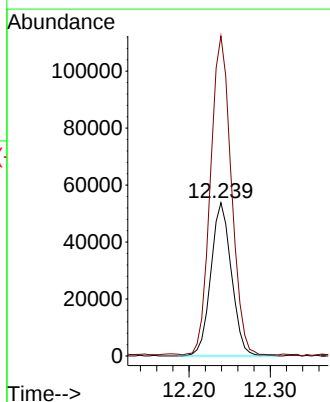
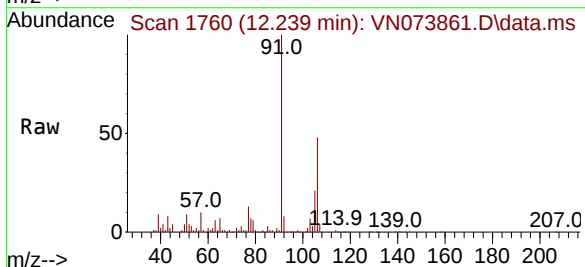
Instrument :
MSVOA_N
ClientSampleId :
FMC-0073

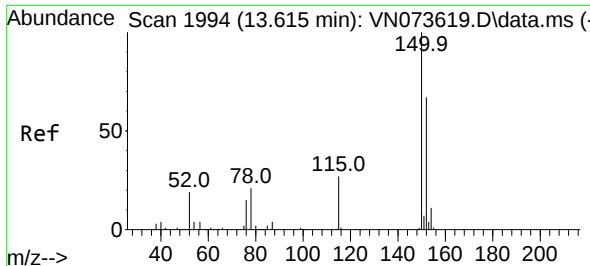
Tgt Ion:106 Resp: 147205
Ion Ratio Lower Upper
106 100
91 198.9 158.9 238.3



#69
o-Xylene
Concen: 9.911 ug/l
RT: 12.239 min Scan# 1760
Delta R.T. 0.018 min
Lab File: VN073861.D
Acq: 12 Aug 2022 19:06

Tgt Ion:106 Resp: 94550
Ion Ratio Lower Upper
106 100
91 211.0 106.0 318.0

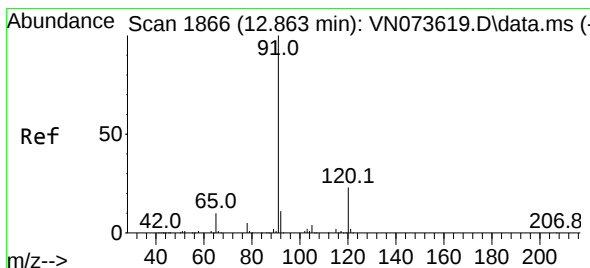
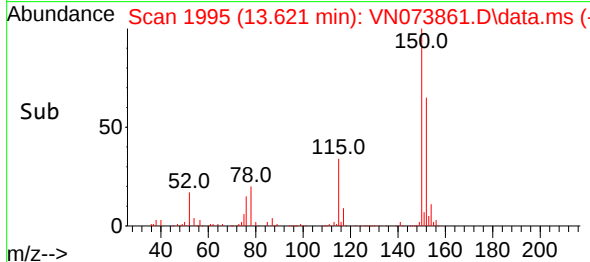
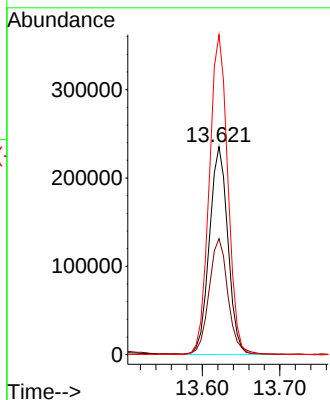
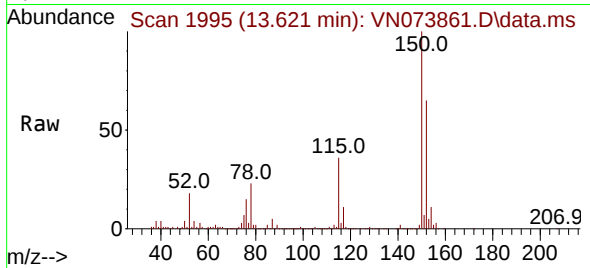




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.621 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VN073861.D
Acq: 12 Aug 2022 19:06

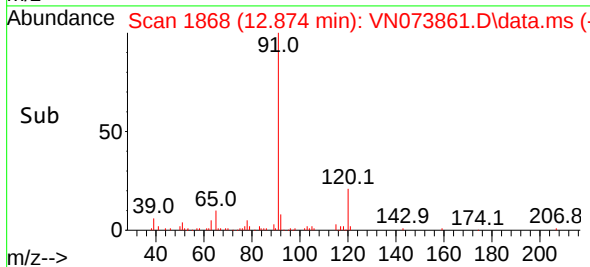
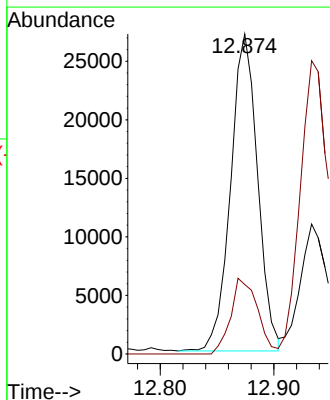
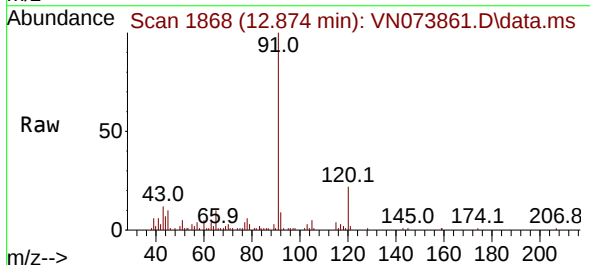
Instrument :
MSVOA_N
ClientSampleId :
FMC-0073

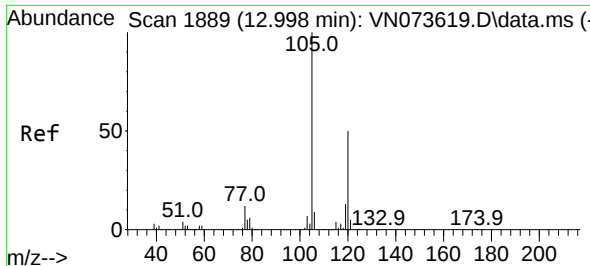
Tgt Ion:152 Resp: 389667
Ion Ratio Lower Upper
152 100
115 57.2 28.9 86.7
150 154.0 0.0 356.2



#78
n-propylbenzene
Concen: 1.387 ug/l
RT: 12.874 min Scan# 1868
Delta R.T. 0.012 min
Lab File: VN073861.D
Acq: 12 Aug 2022 19:06

Tgt Ion: 91 Resp: 44527
Ion Ratio Lower Upper
91 100
120 23.8 11.9 35.5

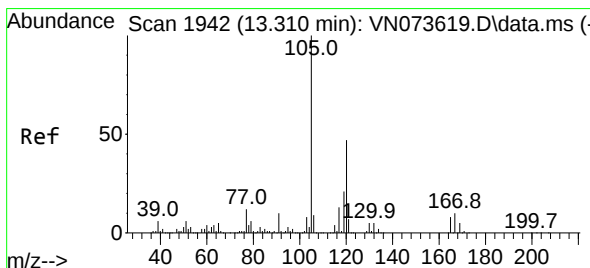
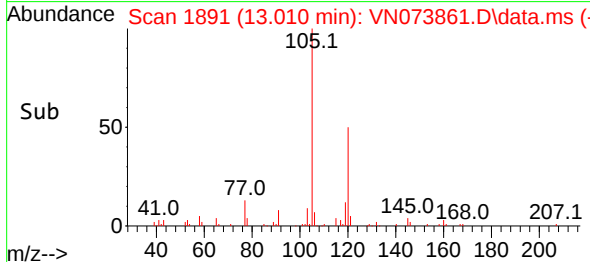
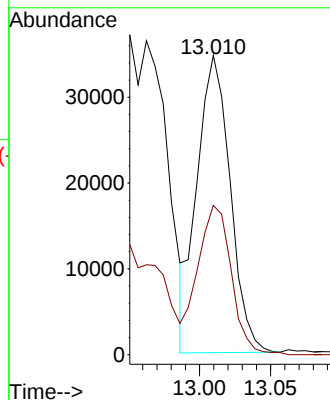
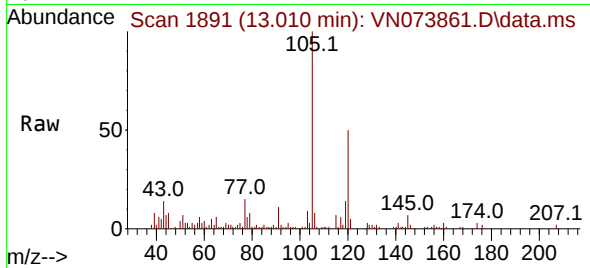




#80
 1,3,5-Trimethylbenzene
 Concen: 2.391 ug/l
 RT: 13.010 min Scan# 1889
 Delta R.T. 0.012 min
 Lab File: VN073861.D
 Acq: 12 Aug 2022 19:06

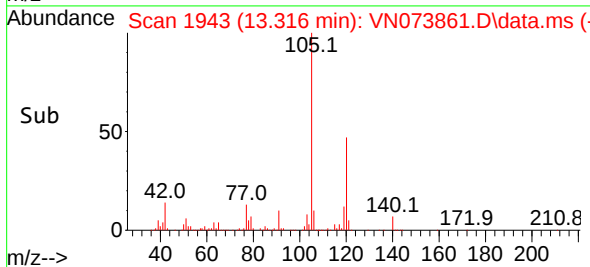
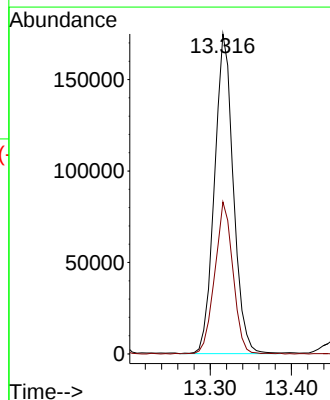
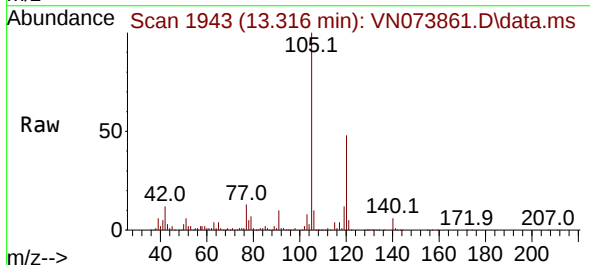
Instrument :
 MSVOA_N
 ClientSampleId :
 FMC-0073

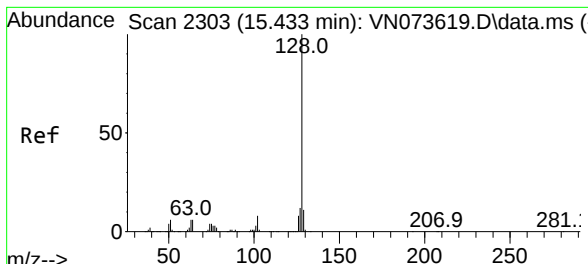
Tgt Ion:105 Resp: 56136
 Ion Ratio Lower Upper
 105 100
 120 51.2 24.9 74.7



#84
 1,2,4-Trimethylbenzene
 Concen: 12.208 ug/l
 RT: 13.316 min Scan# 1943
 Delta R.T. 0.006 min
 Lab File: VN073861.D
 Acq: 12 Aug 2022 19:06

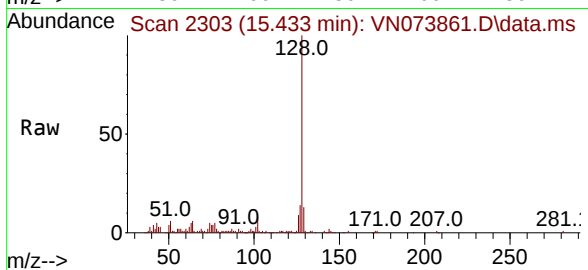
Tgt Ion:105 Resp: 281787
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.3 69.8





#95
Naphthalene
Concen: 6.023 ug/l
RT: 15.433 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN073861.D
Acq: 12 Aug 2022 19:06

Instrument :
MSVOA_N
ClientSampleId :
FMC-0073



Tgt Ion:128 Resp: 133367
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 12.7 8.6 13.0

