

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081222\
 Data File : VN073860.D
 Acq On : 12 Aug 2022 18:41
 Operator : JC\MD
 Sample : N4156-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FMC-00072

Quant Time: Aug 13 05:04:36 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	8.039	168	478548	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.922	114	733451	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.686	117	728957	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	427524	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.398	65	250983	43.036	ug/l	0.03
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.080%
35) Dibromofluoromethane	7.981	113	243494	52.869	ug/l	0.03
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.740%
50) Toluene-d8	10.392	98	803273	44.322	ug/l	0.01
Spiked Amount	50.000	Range	86 - 113	Recovery	=	88.640%
62) 4-Bromofluorobenzene	12.674	95	362485	56.591	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	113.180%
Target Compounds						
					Qvalue	
3) Chloromethane	2.275	50	2178	Below Cal		99
6) Chloroethane	2.963	64	64	Below Cal	#	41
8) Diethyl Ether	3.769	74	654	0.208	ug/l #	7
11) Tert butyl alcohol	5.316	59	690	0.549	ug/l #	1
13) Acrolein	3.975	56	874	0.701	ug/l #	49
16) Acetone	4.275	43	4376706	1397.257	ug/l	96
18) Methyl Acetate	4.798	43	62080	7.966	ug/l #	81
20) Methylene Chloride	4.992	84	122712	23.027	ug/l	96
25) 2-Butanone	7.334	43	35052	7.206	ug/l #	82
29) Tetrahydrofuran	7.816	42	220008	71.534	ug/l #	29
31) Cyclohexane	8.045	56	17027	1.961	ug/l #	52
36) 1,1-Dichloropropene	8.039	75	32319	4.924	ug/l #	49
37) Ethyl Acetate	7.386	43	72297	8.363	ug/l	97
38) Carbon Tetrachloride	8.039	117	42433	6.365	ug/l #	17
39) Methylcyclohexane	9.404	83	13937	1.777	ug/l	92
40) Benzene	8.410	78	50466	2.368	ug/l	97
41) Methacrylonitrile	7.675	41	2266	0.579	ug/l #	36
42) 1,2-Dichloroethane	8.516	62	1538	0.214	ug/l	85
43) Isopropyl Acetate	8.522	43	273789	23.448	ug/l #	89
48) Methyl methacrylate	9.516	41	22788	4.459	ug/l #	60
49) 1,4-Dioxane	9.533	88	220	1.527	ug/l #	25
51) 4-Methyl-2-Pentanone	10.292	43	121477	14.505	ug/l	97
53) t-1,3-Dichloropropene	10.457	75	720454	102.756	ug/l #	1
54) cis-1,3-Dichloropropene	10.204	75	47961	6.070	ug/l #	63
56) Ethyl methacrylate	10.645	69	194499	25.992	ug/l #	61
57) 1,3-Dichloropropane	11.039	76	5816	0.631	ug/l #	44
58) 2-Chloroethyl Vinyl ether	10.092	63	74	9.960	ug/l #	44
59) 2-Hexanone	11.039	43	88857	14.004	ug/l	62
65) Chlorobenzene	11.792	112	66592	4.301	ug/l #	51
67) Ethyl Benzene	11.786	91	540327	20.685	ug/l	99
68) m/p-Xylenes	11.892	106	682150	68.470	ug/l	99
69) o-Xylene	12.221	106	443178	45.627	ug/l	99
70) Styrene	12.227	104	27329	1.758	ug/l #	1
73) Isopropylbenzene	12.521	105	83350	2.663	ug/l	96
74) N-amyl acetate	12.298	43	245895	20.795	ug/l #	43
75) 1,1,2,2-Tetrachloroethane	12.798	83	16256	1.346	ug/l #	42

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

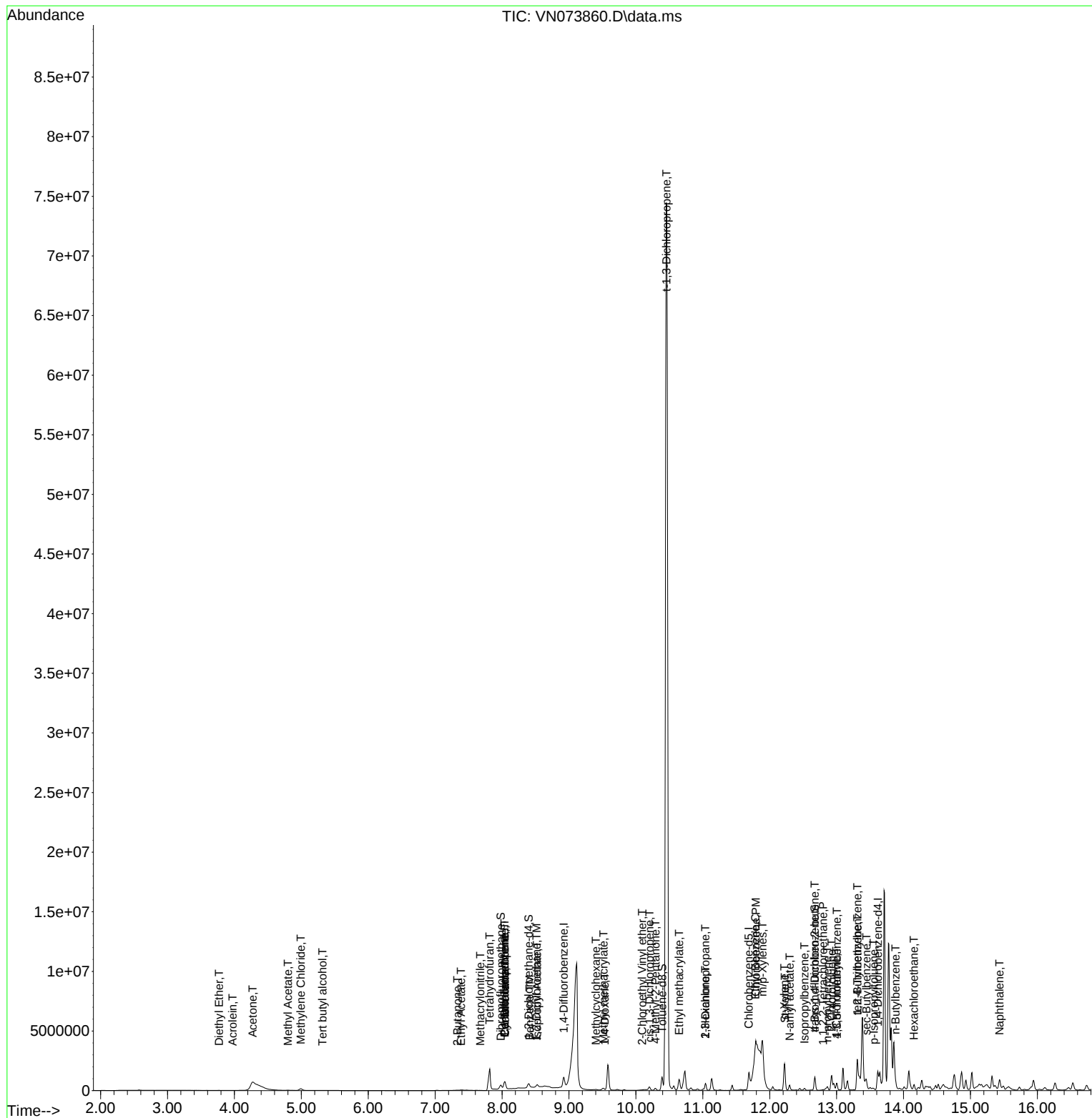
76) 1,2,3-Trichloropropane	12.921	75	6412	Below Cal #	1
78) n-propylbenzene	12.863	91	230152	6.536 ug/l	100
79) 2-Chlorotoluene	12.927	91	120348	5.476 ug/l #	42
80) 1,3,5-Trimethylbenzene	13.004	105	282173	10.956 ug/l	98
81) trans-1,4-Dichloro-2-b...	12.674	75	181637	55.059 ug/l #	11
82) 4-Chlorotoluene	12.998	91	30992	1.488 ug/l #	40
83) tert-Butylbenzene	13.310	119	175871	7.710 ug/l #	69
84) 1,2,4-Trimethylbenzene	13.310	105	1439107	56.827 ug/l	98
85) sec-Butylbenzene	13.445	105	57419	1.821 ug/l	81
86) p-Isopropyltoluene	13.557	119	38720	1.558 ug/l	98
89) n-Butylbenzene	13.880	91	53110	2.626 ug/l #	73
90) Hexachloroethane	14.157	117	22525	4.568 ug/l #	9
95) Naphthalene	15.433	128	736015	30.298 ug/l	99

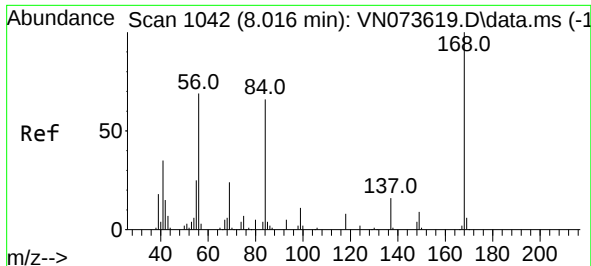
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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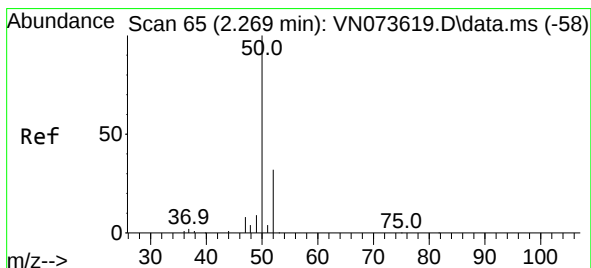
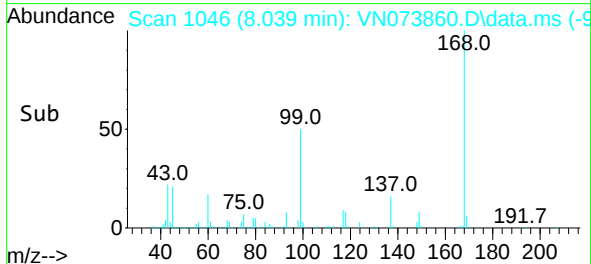
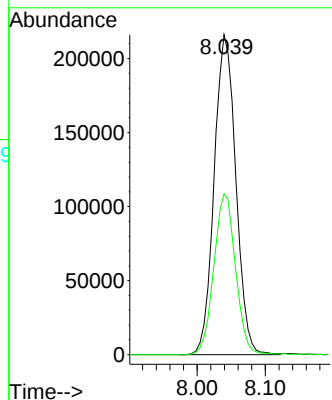
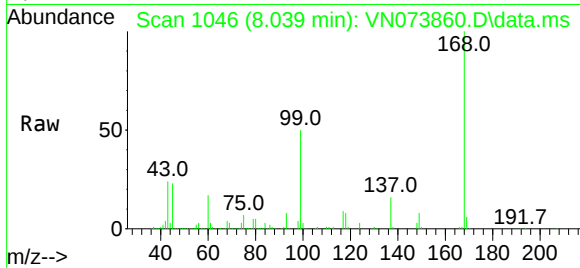




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.039 min Scan# 1046
Delta R.T. 0.023 min
Lab File: VN073860.D
Acq: 12 Aug 2022 18:41

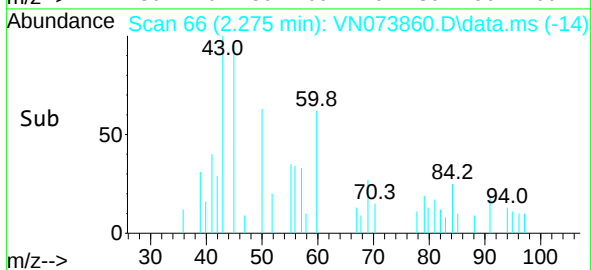
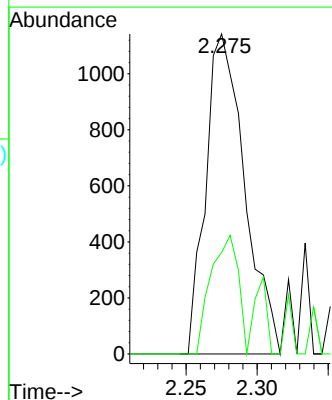
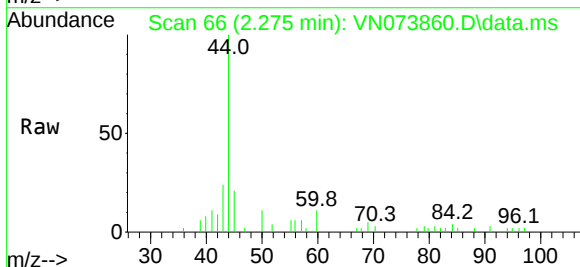
Instrument :
MSVOA_N
ClientSampleId :
FMC-00072

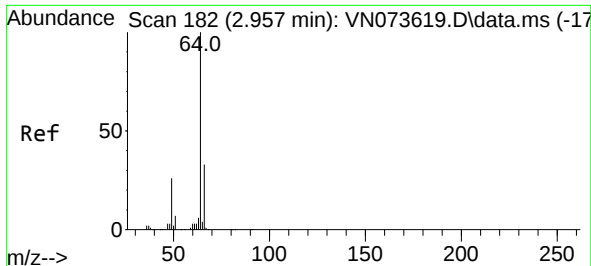
Tgt Ion:168 Resp: 478548
Ion Ratio Lower Upper
168 100
99 50.3 42.3 63.5



#3
Chloromethane
Concen: Below Cal
RT: 2.275 min Scan# 66
Delta R.T. 0.006 min
Lab File: VN073860.D
Acq: 12 Aug 2022 18:41

Tgt Ion: 50 Resp: 2178
Ion Ratio Lower Upper
50 100
52 31.7 25.7 38.5

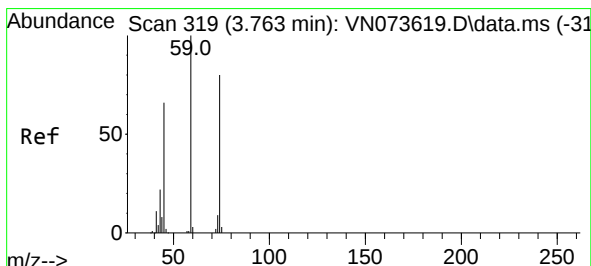
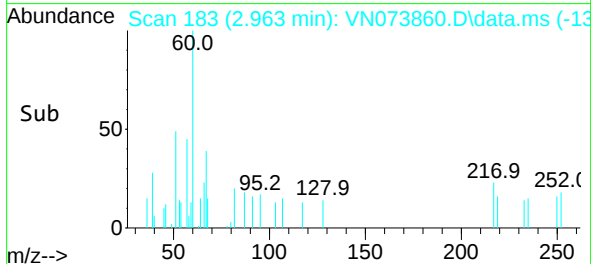
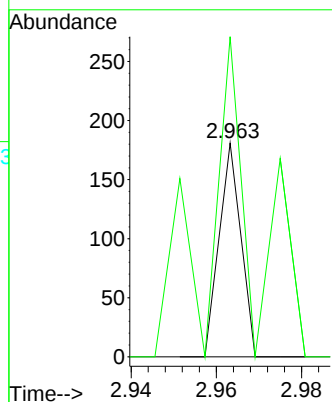
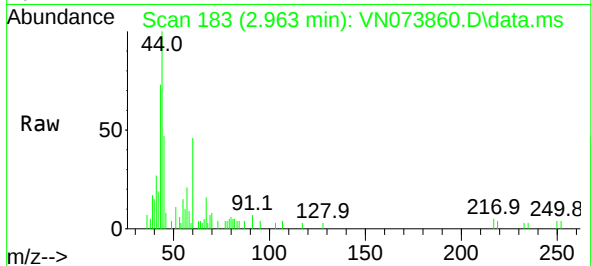




#6
Chloroethane
Concen: Below Cal
RT: 2.963 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073860.D
Acq: 12 Aug 2022 18:41

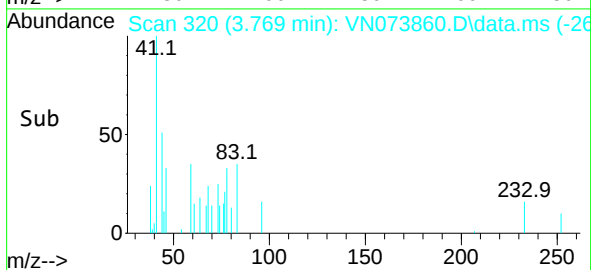
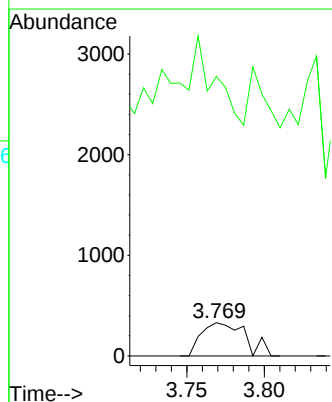
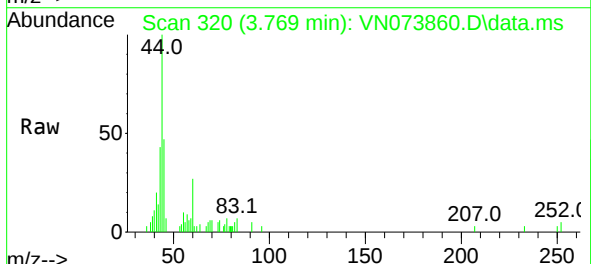
Instrument :
MSVOA_N
ClientSampleId :
FMC-00072

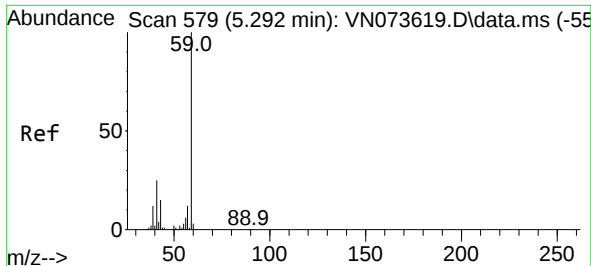
Tgt Ion: 64 Resp: 64
Ion Ratio Lower Upper
64 100
66 66.3 26.2 39.4#



#8
Diethyl Ether
Concen: 0.208 ug/l
RT: 3.769 min Scan# 320
Delta R.T. 0.006 min
Lab File: VN073860.D
Acq: 12 Aug 2022 18:41

Tgt Ion: 74 Resp: 654
Ion Ratio Lower Upper
74 100
45 0.0 42.9 128.5#

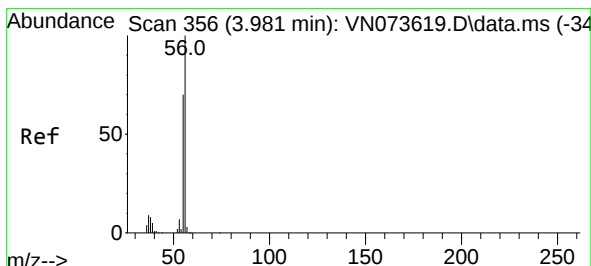
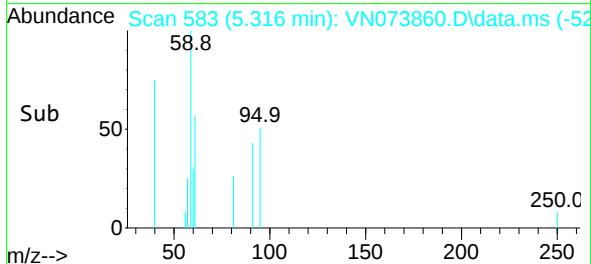
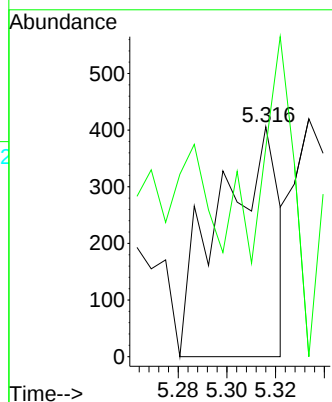
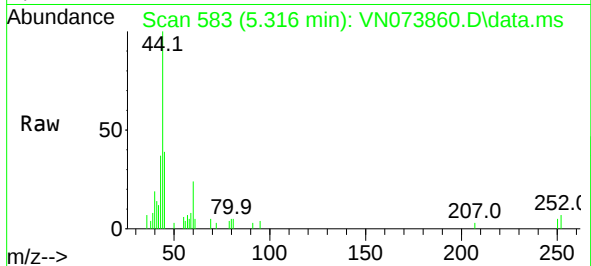




#11
Tert butyl alcohol
Concen: 0.549 ug/l
RT: 5.316 min Scan# 51
Delta R.T. 0.024 min
Lab File: VN073860.D
Acq: 12 Aug 2022 18:41

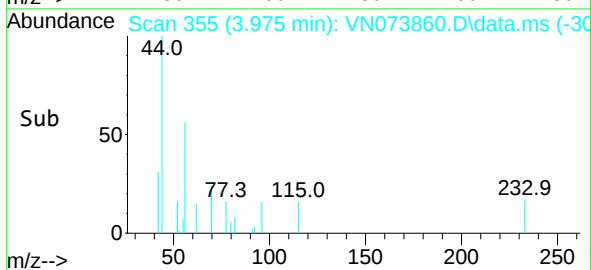
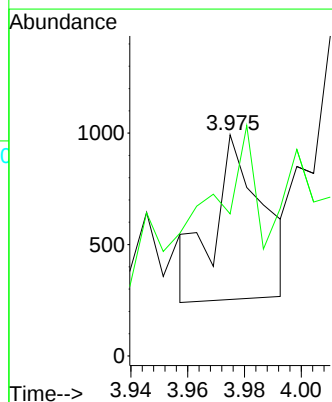
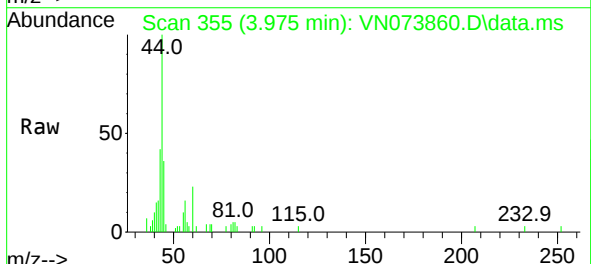
Instrument :
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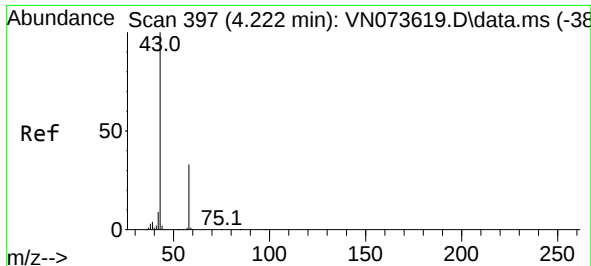
Tgt Ion: 59 Resp: 690
Ion Ratio Lower Upper
59 100
57 90.3 8.3 12.5#



#13
Acrolein
Concen: 0.701 ug/l
RT: 3.975 min Scan# 355
Delta R.T. -0.006 min
Lab File: VN073860.D
Acq: 12 Aug 2022 18:41

Tgt Ion: 56 Resp: 874
Ion Ratio Lower Upper
56 100
55 110.1 54.8 82.2#

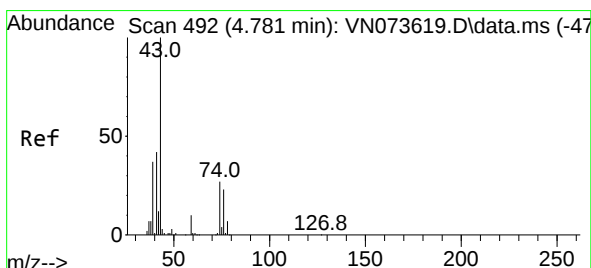
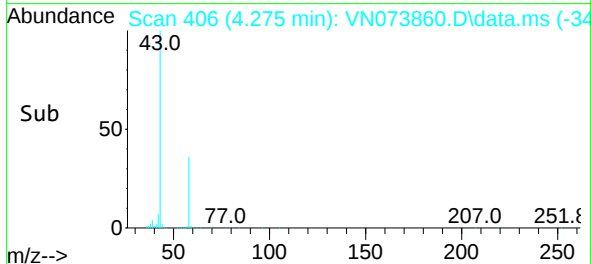
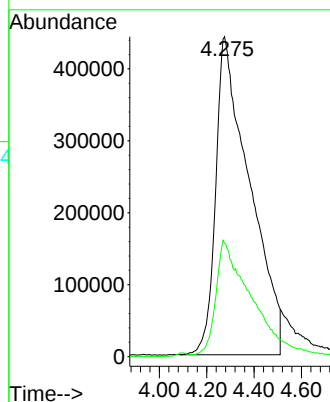
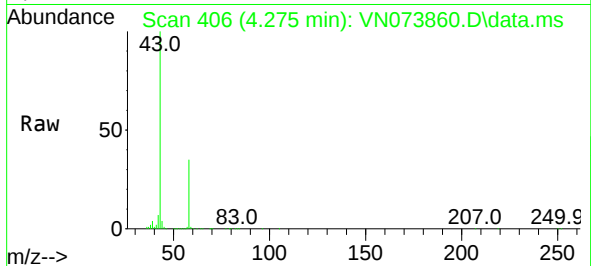




#16
Acetone
Concen: 1397.257 ug/l
RT: 4.275 min Scan# 406
Delta R.T. 0.053 min
Lab File: VN073860.D
Acq: 12 Aug 2022 18:41

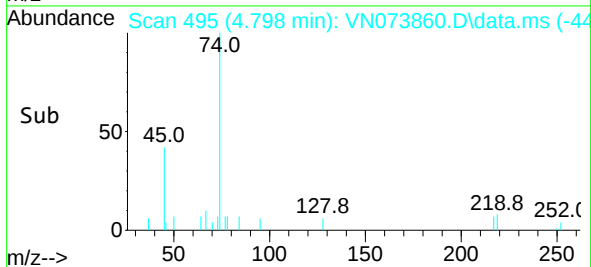
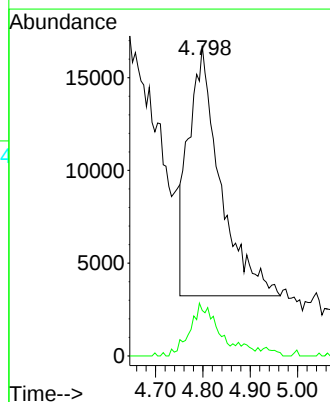
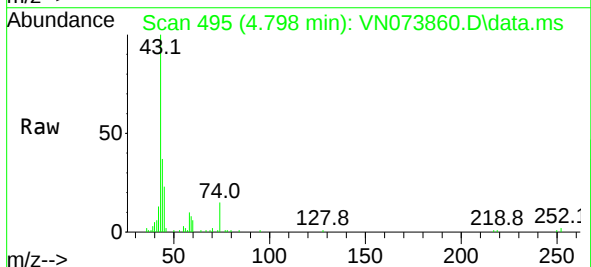
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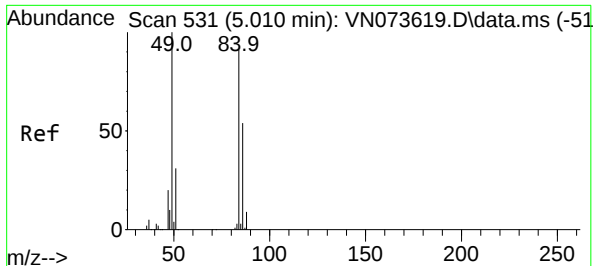
Tgt Ion: 43 Resp: 4376706
Ion Ratio Lower Upper
43 100
58 34.5 26.0 39.0



#18
Methyl Acetate
Concen: 7.966 ug/l
RT: 4.798 min Scan# 495
Delta R.T. 0.018 min
Lab File: VN073860.D
Acq: 12 Aug 2022 18:41

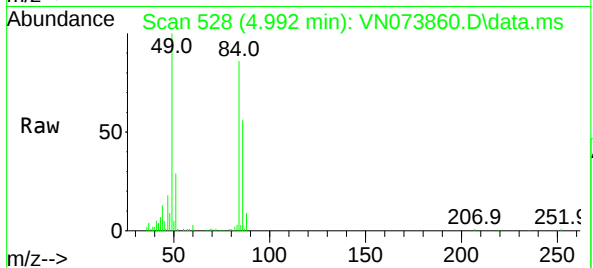
Tgt Ion: 43 Resp: 62080
Ion Ratio Lower Upper
43 100
74 17.4 21.6 32.4#





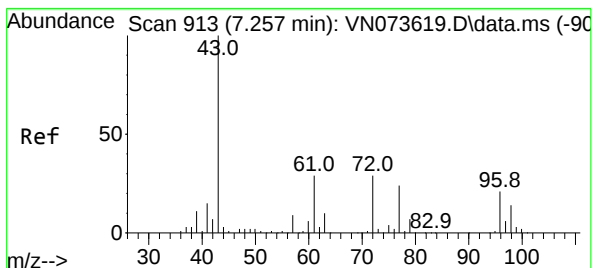
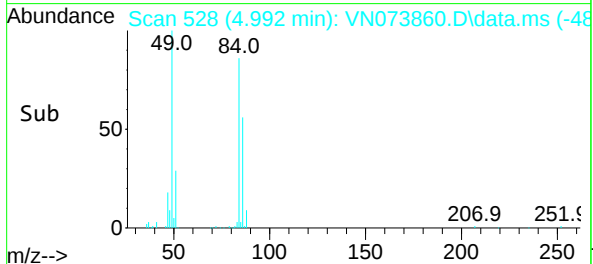
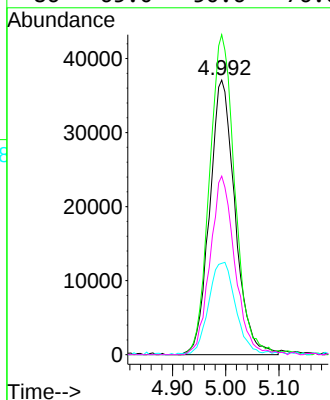
#20
Methylene Chloride
Concen: 23.027 ug/l
RT: 4.992 min Scan# 51
Delta R.T. -0.018 min
Lab File: VN073860.D
Acq: 12 Aug 2022 18:41

Instrument :
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Tgt Ion: 84 Resp: 122712

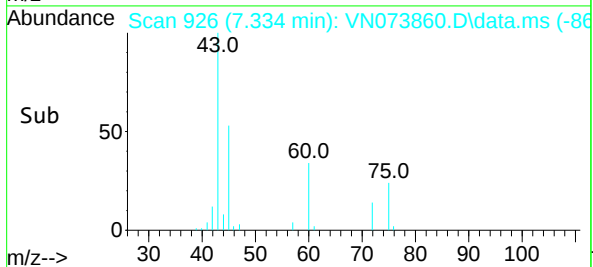
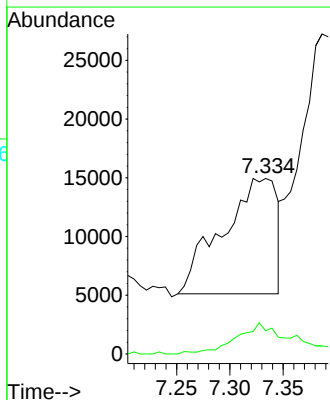
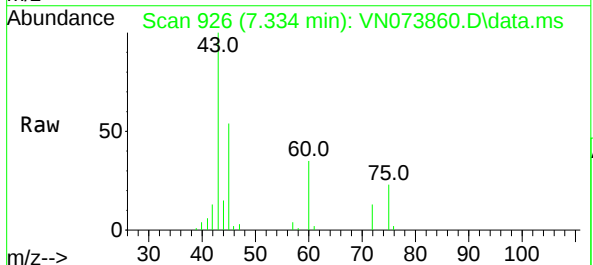
Ion	Ratio	Lower	Upper
84	100		
49	116.6	88.3	132.5
51	32.7	28.2	42.2
86	65.0	50.6	76.0

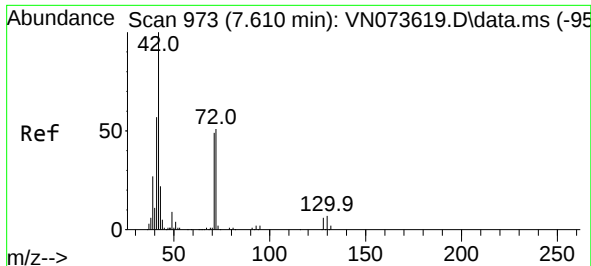


#25
2-Butanone
Concen: 7.206 ug/l
RT: 7.334 min Scan# 926
Delta R.T. 0.077 min
Lab File: VN073860.D
Acq: 12 Aug 2022 18:41

Tgt Ion: 43 Resp: 35052

Ion	Ratio	Lower	Upper
43	100		
72	20.2	23.7	35.5





#29

Tetrahydrofuran

Concen: 71.534 ug/l

RT: 7.816 min Scan# 1008

Delta R.T. 0.206 min

Lab File: VN073860.D

Acq: 12 Aug 2022 18:41

Instrument :

MSVOA_N

ClientSampleId :

FMC-00072

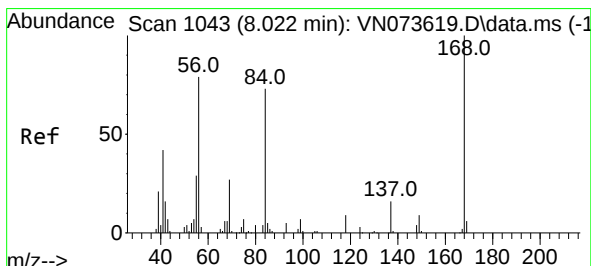
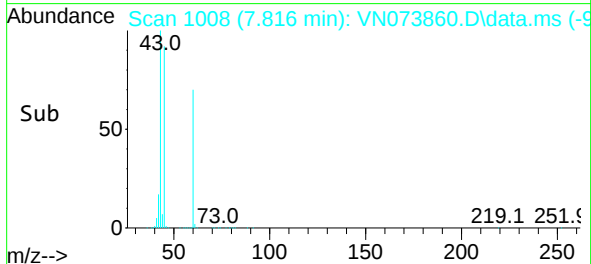
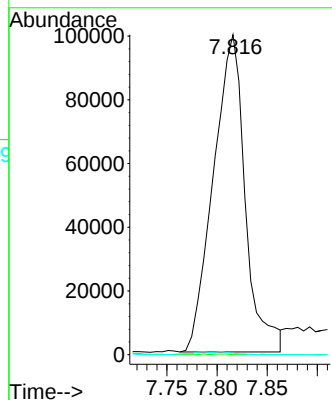
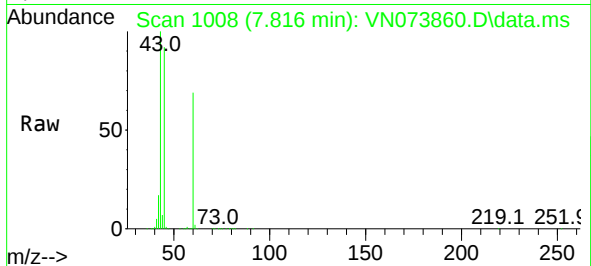
Tgt Ion: 42 Resp: 220008

Ion Ratio Lower Upper

42 100

72 0.1 39.7 59.5#

71 0.0 36.6 55.0#



#31

Cyclohexane

Concen: 1.961 ug/l

RT: 8.045 min Scan# 1047

Delta R.T. 0.024 min

Lab File: VN073860.D

Acq: 12 Aug 2022 18:41

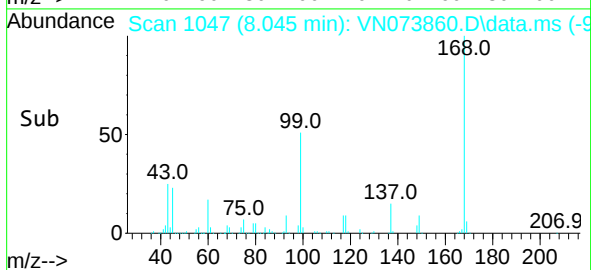
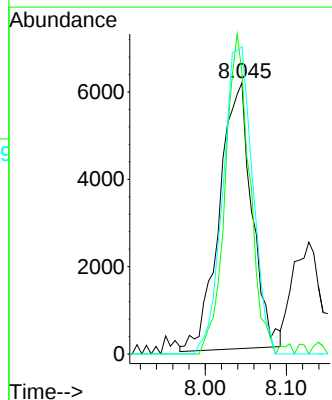
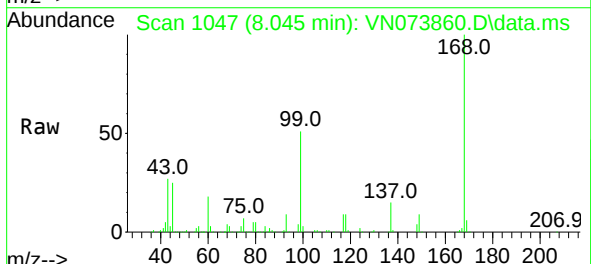
Tgt Ion: 56 Resp: 17027

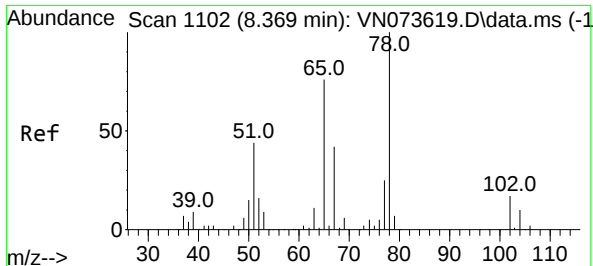
Ion Ratio Lower Upper

56 100

69 106.6 27.8 41.8#

84 116.5 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 43.036 ug/l

RT: 8.398 min Scan# 1107

Delta R.T. 0.029 min

Lab File: VN073860.D

Acq: 12 Aug 2022 18:41

Instrument :

MSVOA_N

ClientSampleId :

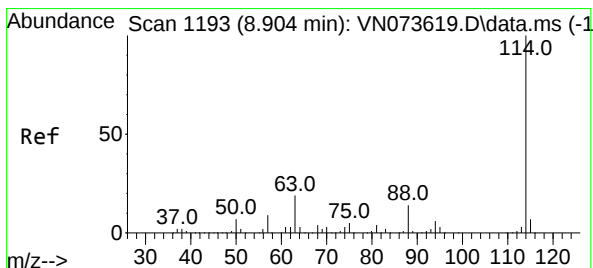
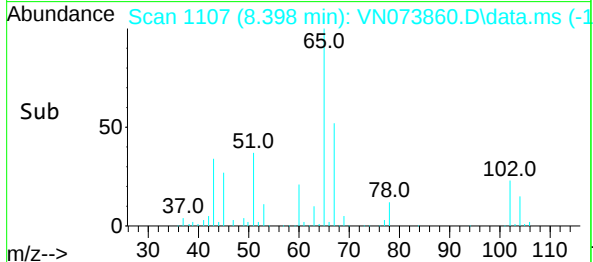
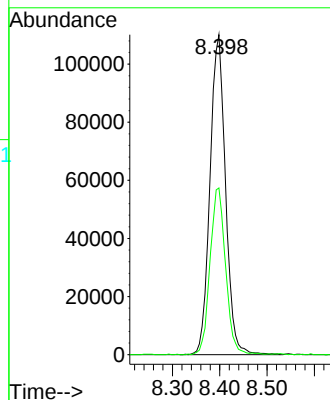
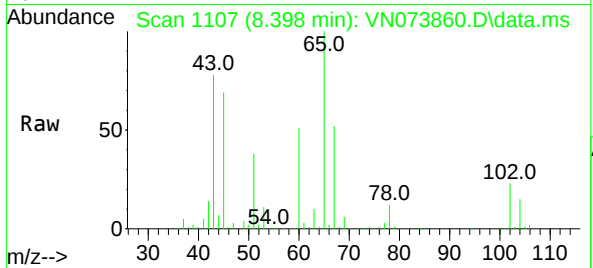
FMC-00072

Tgt Ion: 65 Resp: 250983

Ion Ratio Lower Upper

65 100

67 52.2 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.922 min Scan# 1196

Delta R.T. 0.018 min

Lab File: VN073860.D

Acq: 12 Aug 2022 18:41

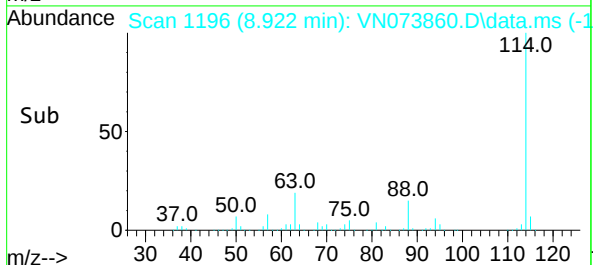
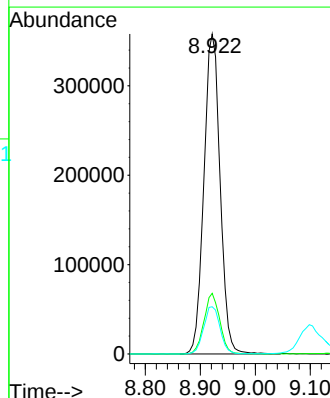
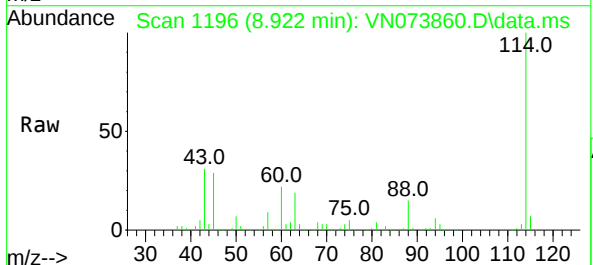
Tgt Ion: 114 Resp: 733451

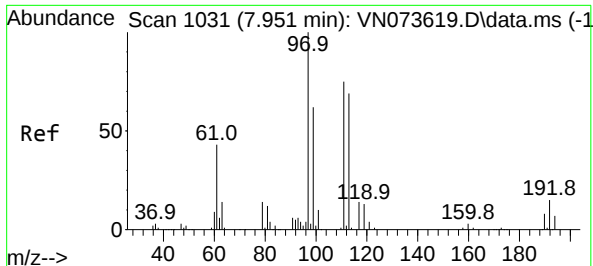
Ion Ratio Lower Upper

114 100

63 19.0 0.0 40.0

88 14.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 52.869 ug/l

RT: 7.981 min Scan# 1036

Delta R.T. 0.029 min

Lab File: VN073860.D

Acq: 12 Aug 2022 18:41

Instrument :

MSVOA_N

ClientSampleId :

FMC-00072

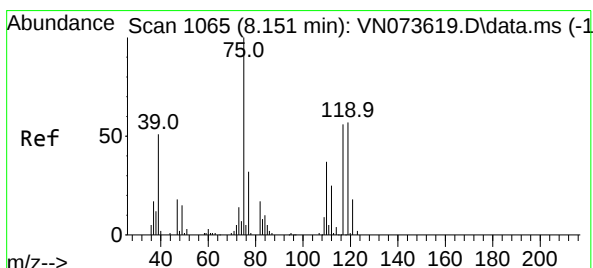
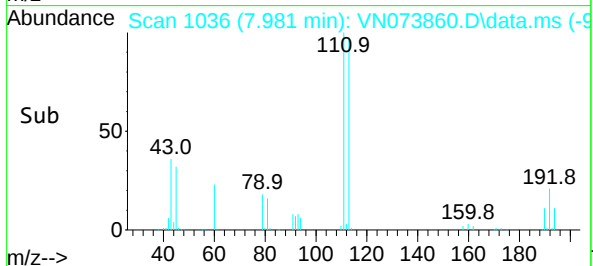
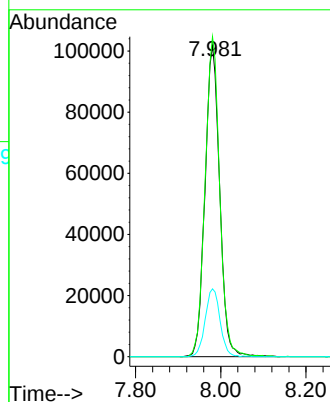
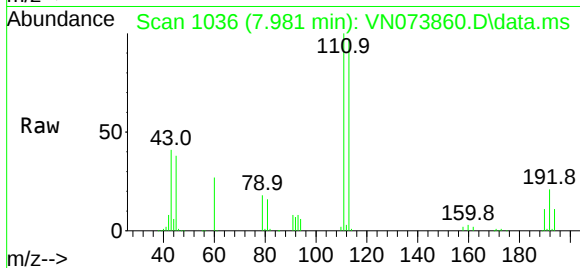
Tgt Ion:113 Resp: 243494

Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

192 22.0 17.0 25.6



#36

1,1-Dichloropropene

Concen: 4.924 ug/l

RT: 8.039 min Scan# 1046

Delta R.T. -0.112 min

Lab File: VN073860.D

Acq: 12 Aug 2022 18:41

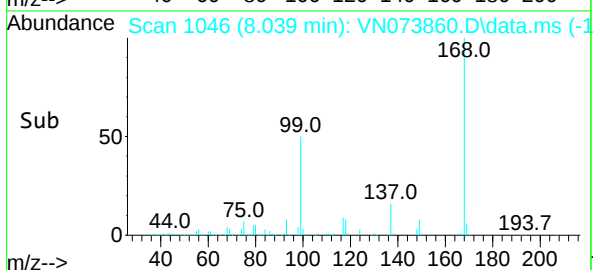
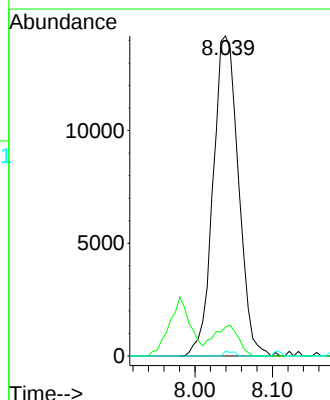
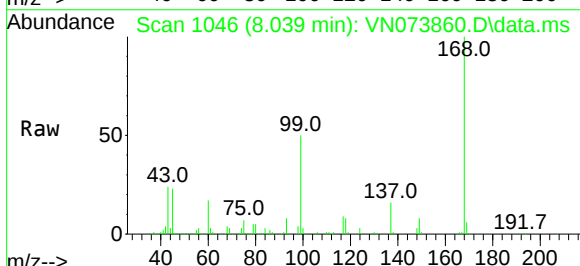
Tgt Ion: 75 Resp: 32319

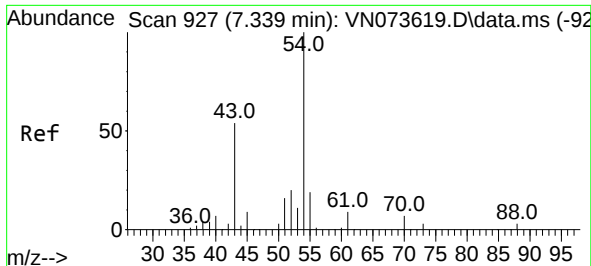
Ion Ratio Lower Upper

75 100

110 9.4 18.3 54.8#

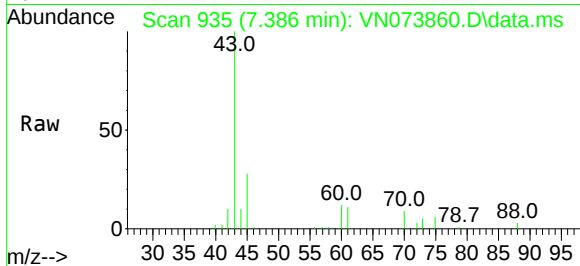
77 0.0 25.1 37.7#





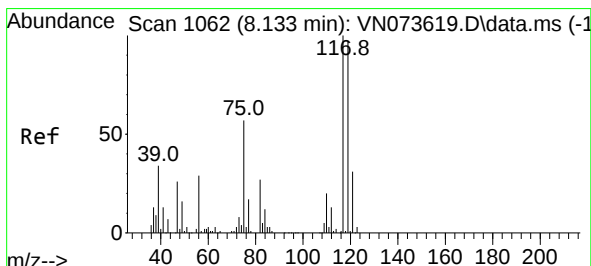
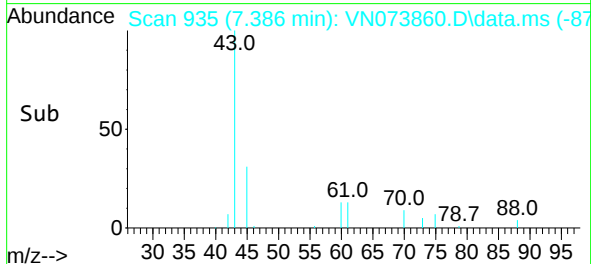
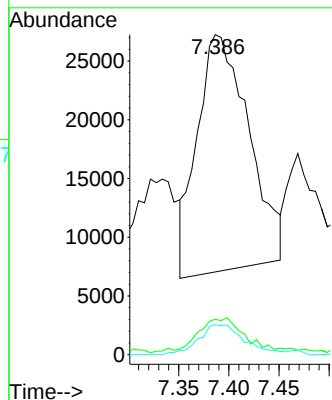
#37
Ethyl Acetate
Concen: 8.363 ug/l
RT: 7.386 min Scan# 91
Delta R.T. 0.047 min
Lab File: VN073860.D
Acq: 12 Aug 2022 18:41

Instrument :
MSVOA_N
ClientSampleId :
FMC-00072



Tgt Ion: 43 Resp: 72297

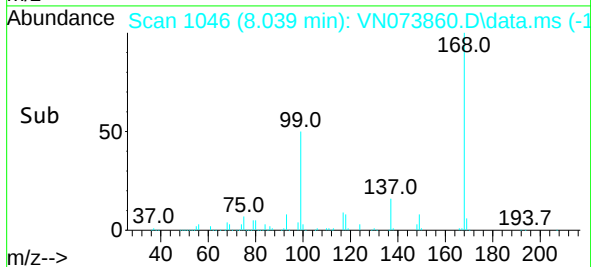
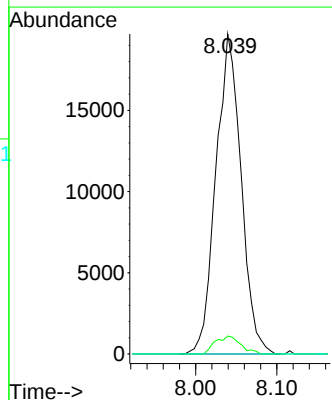
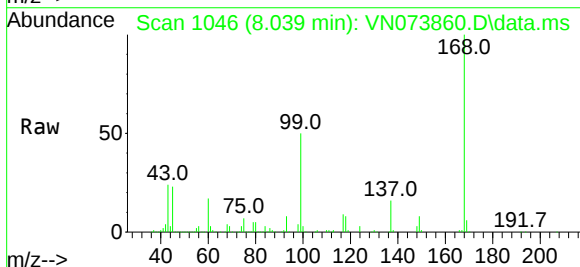
Ion	Ratio	Lower	Upper
43	100		
61	16.4	11.8	17.6
70	11.2	9.3	13.9

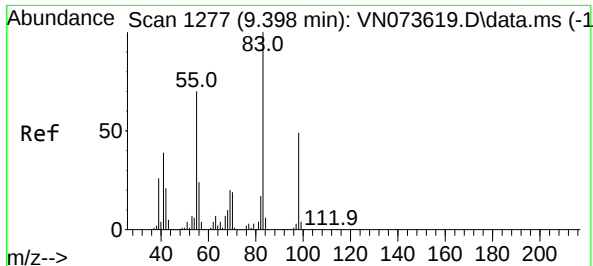


#38
Carbon Tetrachloride
Concen: 6.365 ug/l
RT: 8.039 min Scan# 1046
Delta R.T. -0.094 min
Lab File: VN073860.D
Acq: 12 Aug 2022 18:41

Tgt Ion: 117 Resp: 42433

Ion	Ratio	Lower	Upper
117	100		
119	5.6	75.8	113.8#
121	0.0	24.6	37.0#





#39

Methylcyclohexane

Concen: 1.777 ug/l

RT: 9.404 min Scan# 1109

Delta R.T. 0.006 min

Lab File: VN073860.D

Acq: 12 Aug 2022 18:41

Instrument :

MSVOA_N

ClientSampleId :

FMC-00072

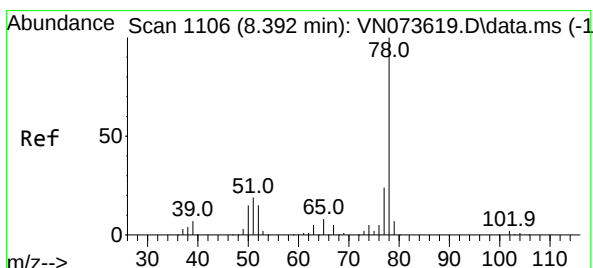
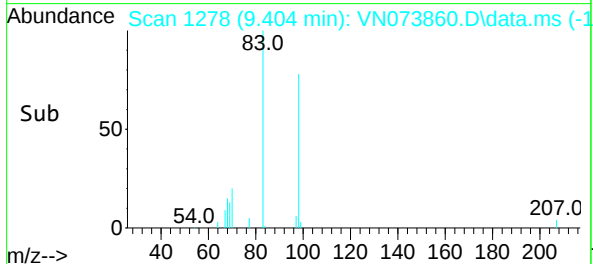
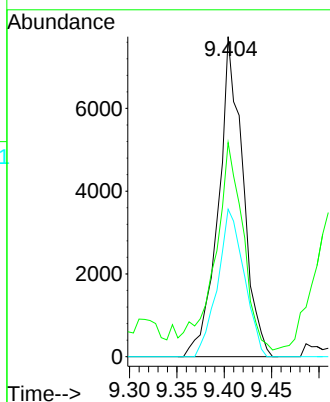
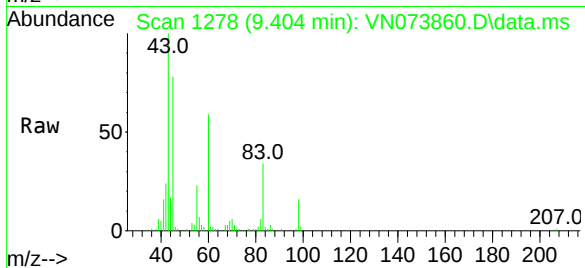
Tgt Ion: 83 Resp: 13937

Ion Ratio Lower Upper

83 100

55 64.3 57.8 86.8

98 46.1 39.4 59.2



#40

Benzene

Concen: 2.368 ug/l

RT: 8.410 min Scan# 1109

Delta R.T. 0.018 min

Lab File: VN073860.D

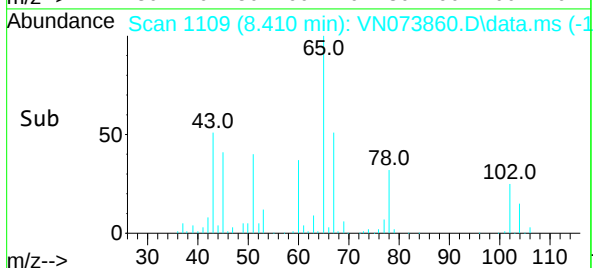
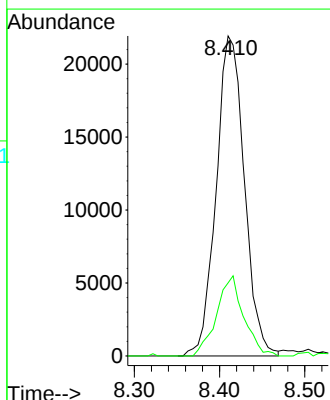
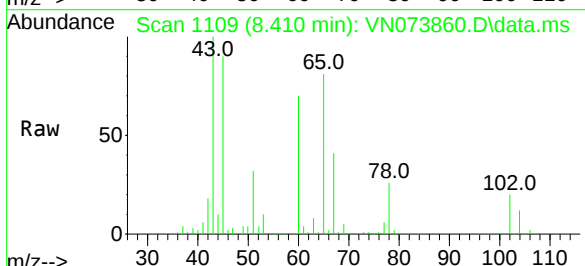
Acq: 12 Aug 2022 18:41

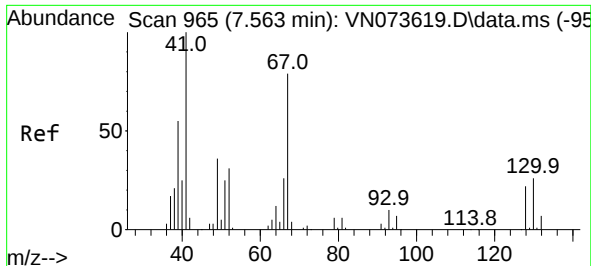
Tgt Ion: 78 Resp: 50466

Ion Ratio Lower Upper

78 100

77 22.8 19.4 29.0

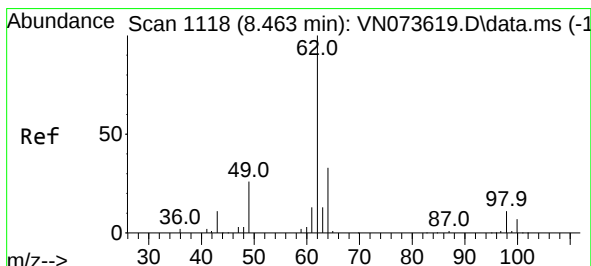
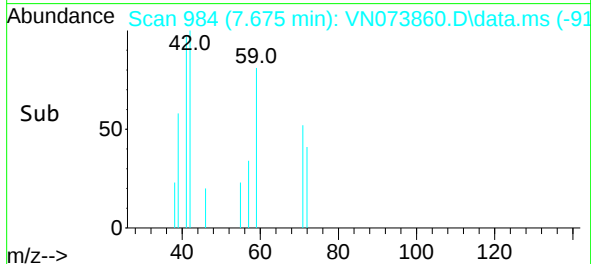
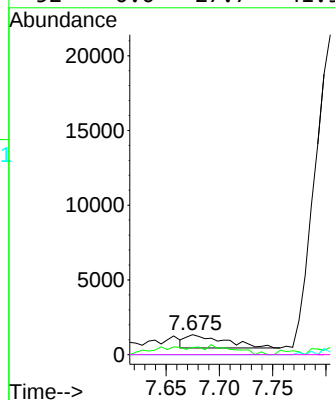
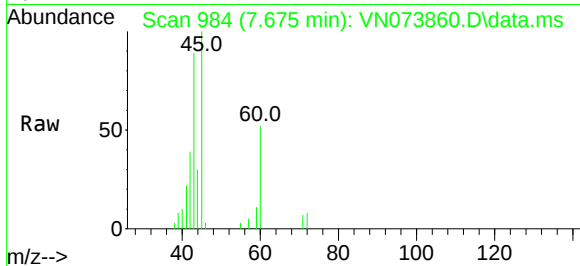




#41
Methacrylonitrile
Concen: 0.579 ug/l
RT: 7.675 min Scan# 91
Delta R.T. 0.112 min
Lab File: VN073860.D
Acq: 12 Aug 2022 18:41

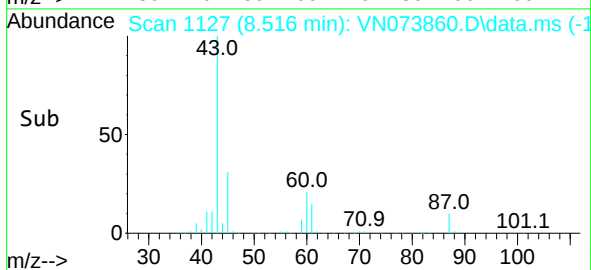
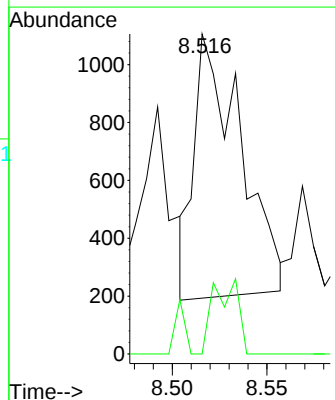
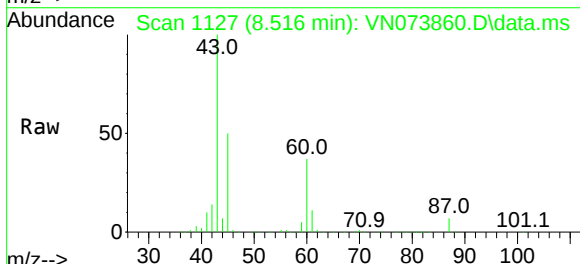
Instrument :
MSVOA_N
ClientSampleId :
FMC-00072

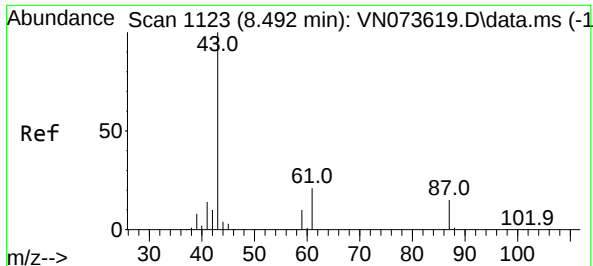
Tgt Ion: 41 Resp: 2266
Ion Ratio Lower Upper
41 100
39 47.9 48.6 73.0#
67 0.0 73.4 110.2#
52 0.0 27.7 41.5#



#42
1,2-Dichloroethane
Concen: 0.214 ug/l
RT: 8.516 min Scan# 1127
Delta R.T. 0.053 min
Lab File: VN073860.D
Acq: 12 Aug 2022 18:41

Tgt Ion: 62 Resp: 1538
Ion Ratio Lower Upper
62 100
98 4.4 0.0 19.4

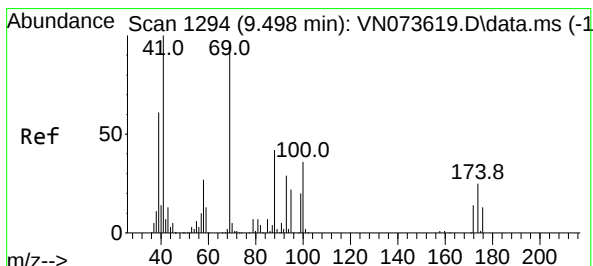
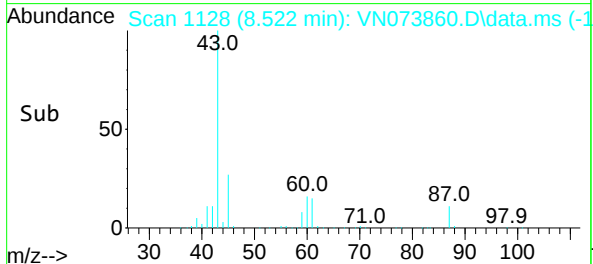
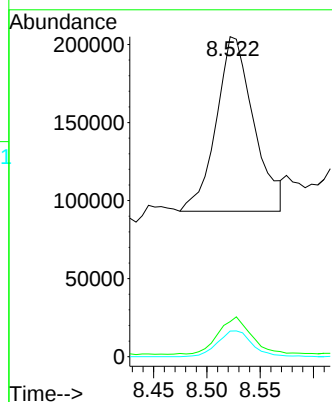
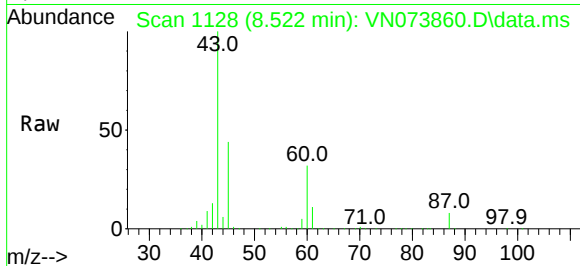




#43
Isopropyl Acetate
Concen: 23.448 ug/l
RT: 8.522 min Scan# 1128
Delta R.T. 0.029 min
Lab File: VN073860.D
Acq: 12 Aug 2022 18:41

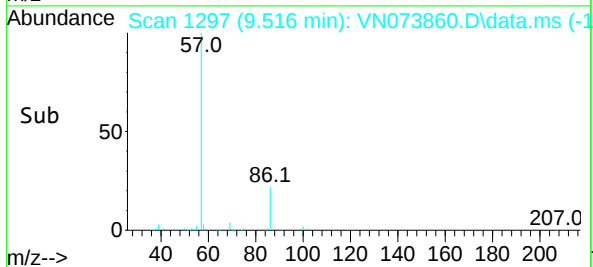
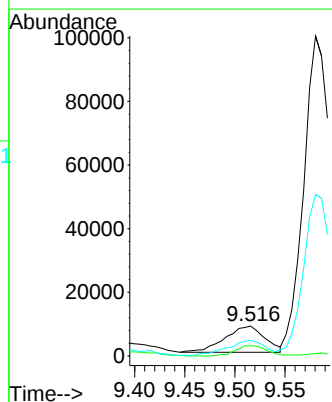
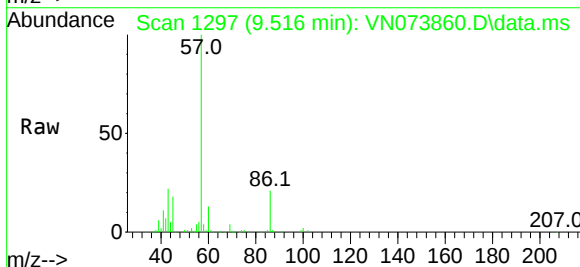
Instrument :
MSVOA_N
ClientSampleId :
FMC-00072

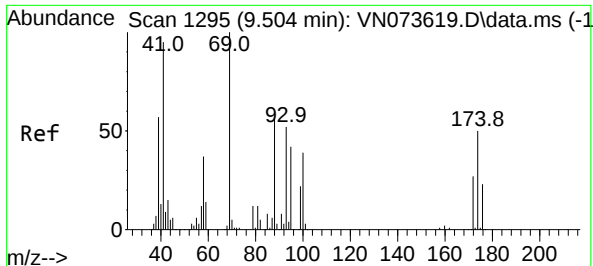
Tgt Ion: 43 Resp: 273789
Ion Ratio Lower Upper
43 100
61 19.3 21.9 32.9#
87 13.7 12.0 18.0



#48
Methyl methacrylate
Concen: 4.459 ug/l
RT: 9.516 min Scan# 1297
Delta R.T. 0.018 min
Lab File: VN073860.D
Acq: 12 Aug 2022 18:41

Tgt Ion: 41 Resp: 22788
Ion Ratio Lower Upper
41 100
69 31.1 74.7 112.1#
39 56.7 45.6 68.4

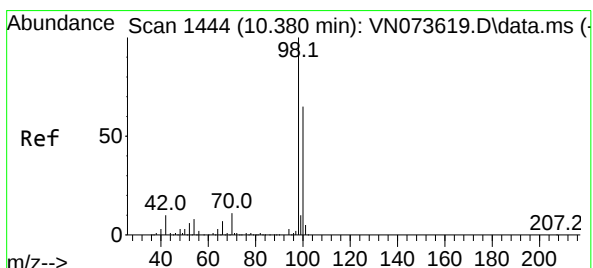
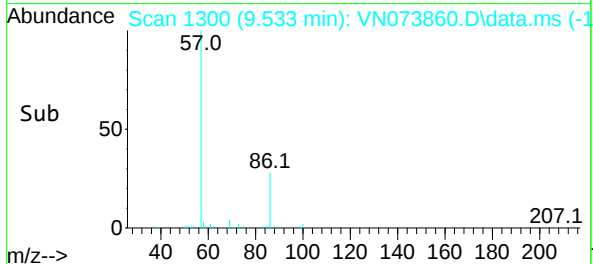
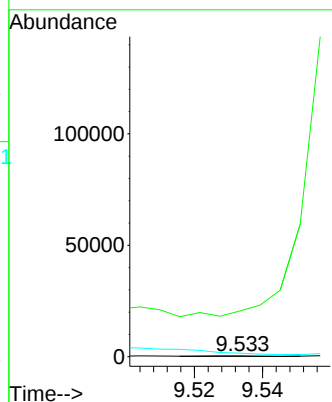
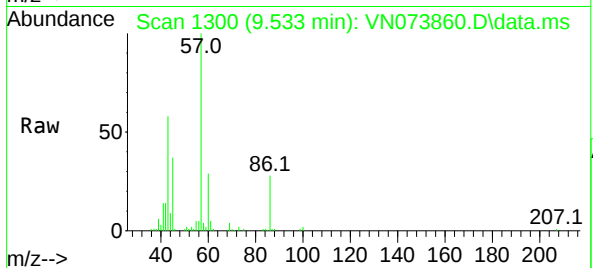




#49
1,4-Dioxane
Concen: 1.527 ug/l
RT: 9.533 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN073860.D
Acq: 12 Aug 2022 18:41

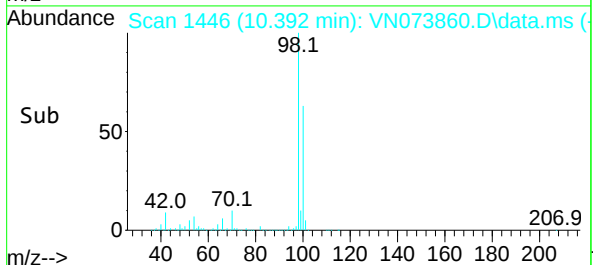
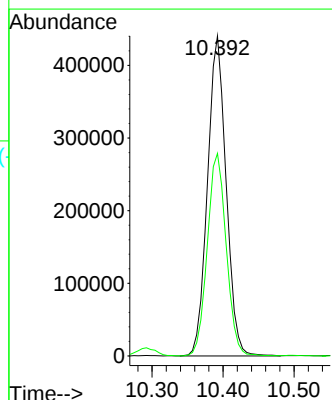
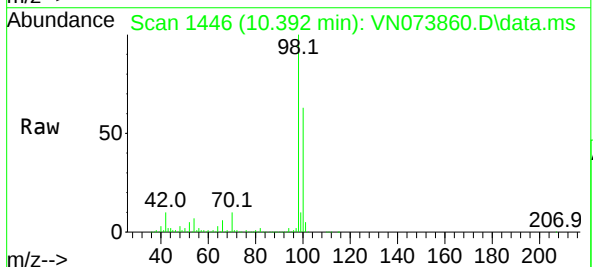
Instrument :
MSVOA_N
ClientSampleId :
FMC-00072

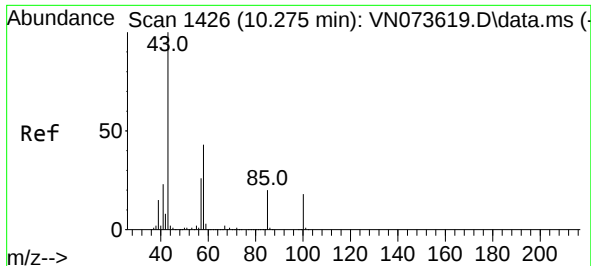
Tgt Ion: 88 Resp: 220
Ion Ratio Lower Upper
88 100
43 0.0 20.2 30.4#
58 0.0 54.2 81.4#



#50
Toluene-d8
Concen: 44.322 ug/l
RT: 10.392 min Scan# 1446
Delta R.T. 0.012 min
Lab File: VN073860.D
Acq: 12 Aug 2022 18:41

Tgt Ion: 98 Resp: 803273
Ion Ratio Lower Upper
98 100
100 64.2 52.6 78.8

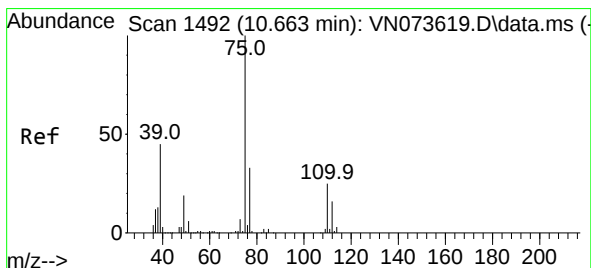
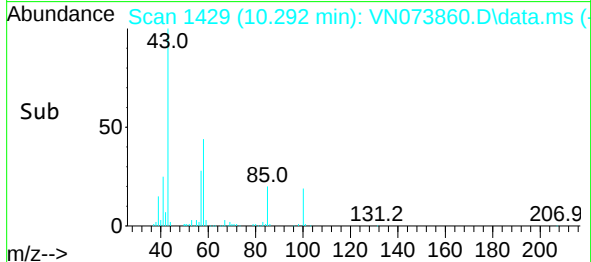
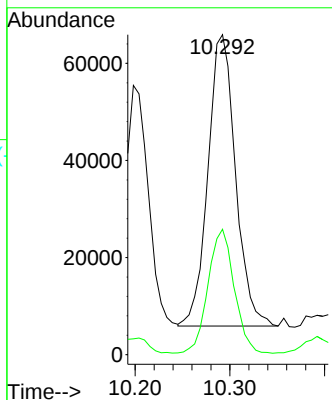
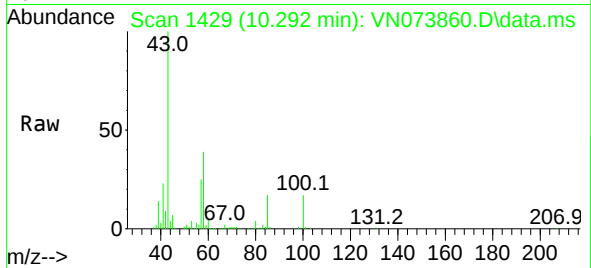




#51
4-Methyl-2-Pentanone
Concen: 14.505 ug/l
RT: 10.292 min Scan# 1429
Delta R.T. 0.017 min
Lab File: VN073860.D
Acq: 12 Aug 2022 18:41

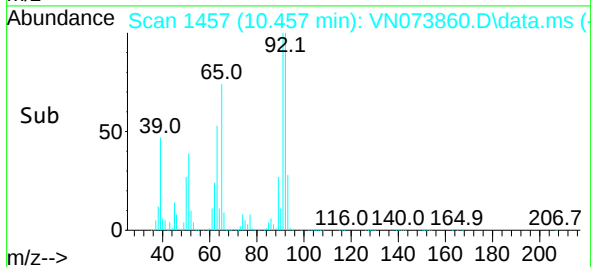
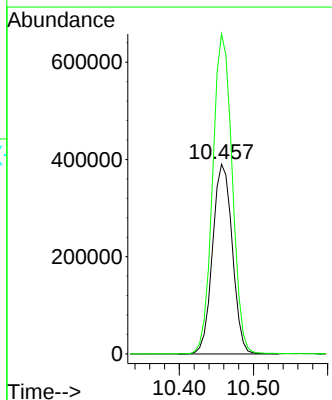
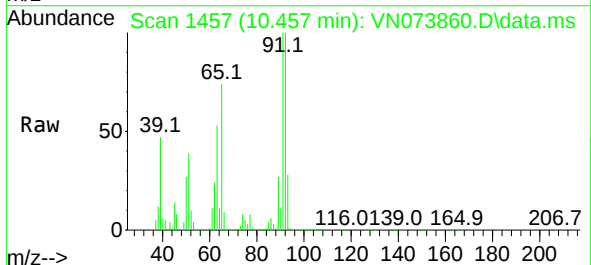
Instrument :
MSVOA_N
ClientSampleId :
FMC-00072

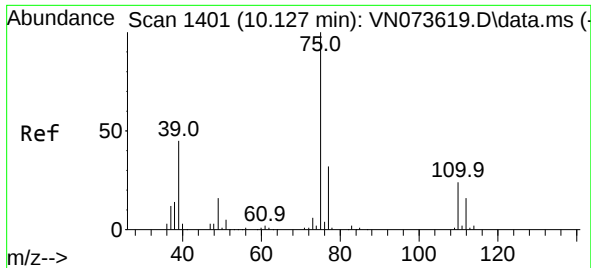
Tgt Ion: 43 Resp: 121477
Ion Ratio Lower Upper
43 100
58 40.9 34.1 51.1



#53
t-1,3-Dichloropropene
Concen: 102.756 ug/l
RT: 10.457 min Scan# 1457
Delta R.T. -0.206 min
Lab File: VN073860.D
Acq: 12 Aug 2022 18:41

Tgt Ion: 75 Resp: 720454
Ion Ratio Lower Upper
75 100
77 168.5 25.6 38.4#

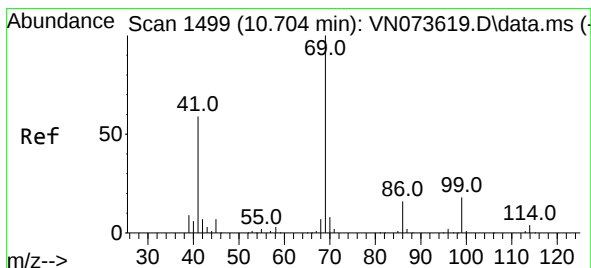
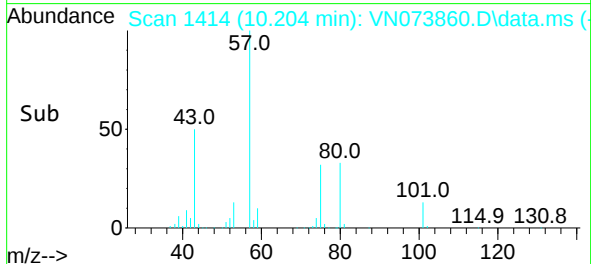
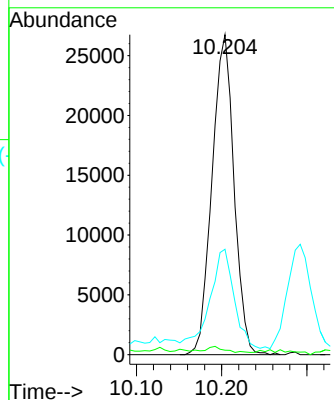
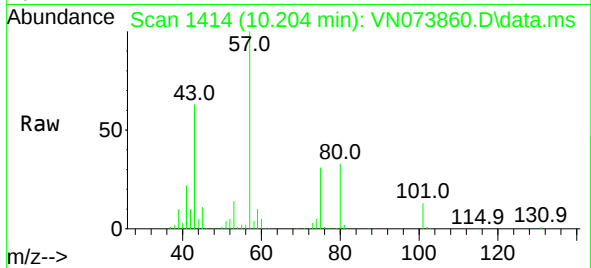




#54
cis-1,3-Dichloropropene
Concen: 6.070 ug/l
RT: 10.204 min Scan# 1401
Delta R.T. 0.076 min
Lab File: VN073860.D
Acq: 12 Aug 2022 18:41

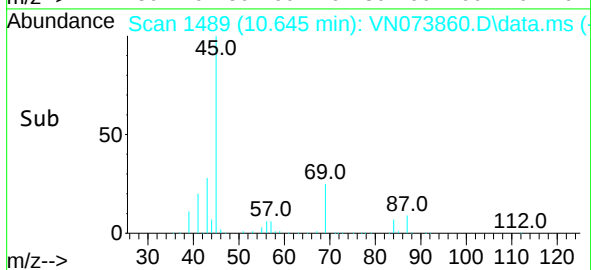
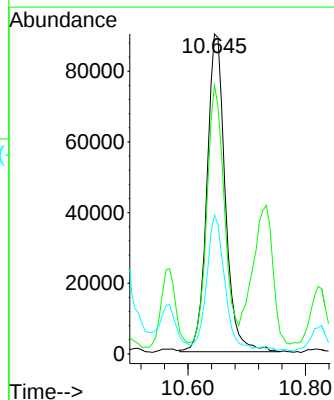
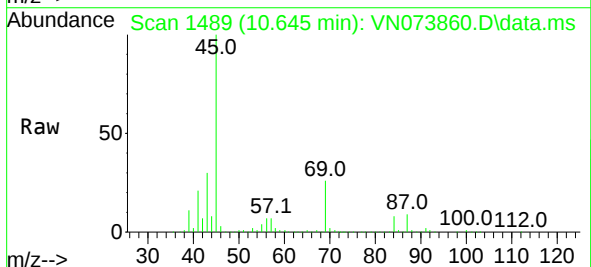
Instrument :
MSVOA_N
ClientSampleId :
FMC-00072

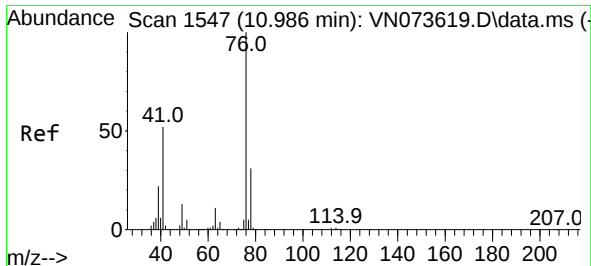
Tgt Ion: 75 Resp: 47961
Ion Ratio Lower Upper
75 100
77 0.0 25.2 37.8#
39 29.3 35.7 53.5#



#56
Ethyl methacrylate
Concen: 25.992 ug/l
RT: 10.645 min Scan# 1489
Delta R.T. -0.059 min
Lab File: VN073860.D
Acq: 12 Aug 2022 18:41

Tgt Ion: 69 Resp: 194499
Ion Ratio Lower Upper
69 100
41 80.4 47.8 71.6#
39 0.0 27.3 40.9#





#57

1,3-Dichloropropane

Concen: 0.631 ug/l

RT: 11.039 min Scan# 11

Delta R.T. 0.053 min

Lab File: VN073860.D

Acq: 12 Aug 2022 18:41

Instrument :

MSVOA_N

ClientSampleId :

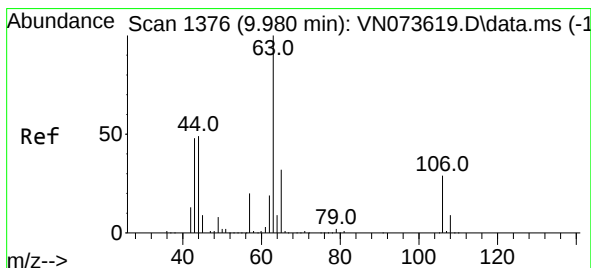
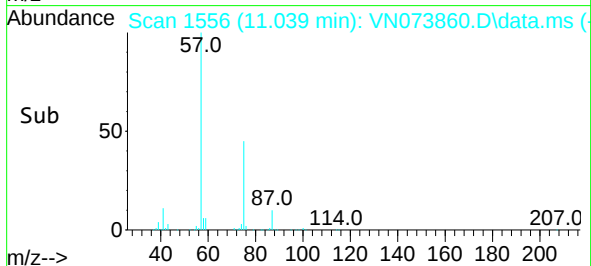
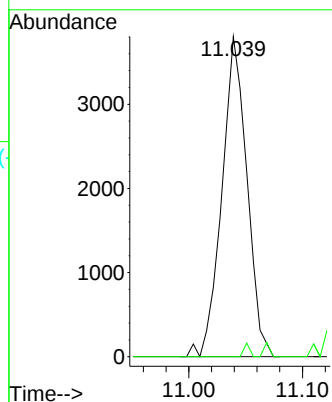
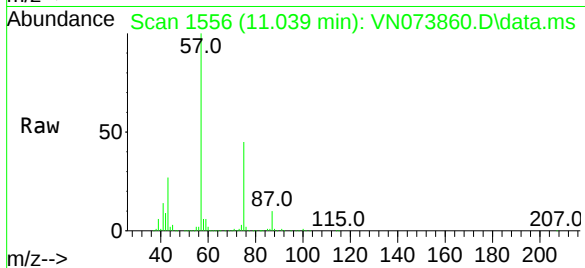
FMC-00072

Tgt Ion: 76 Resp: 5816

Ion Ratio Lower Upper

76 100

78 1.0 26.2 39.2#



#58

2-Chloroethyl Vinyl ether

Concen: 9.960 ug/l

RT: 10.092 min Scan# 1395

Delta R.T. 0.112 min

Lab File: VN073860.D

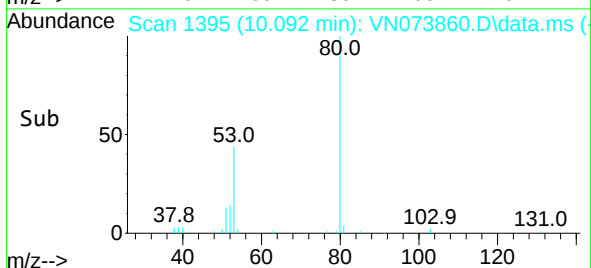
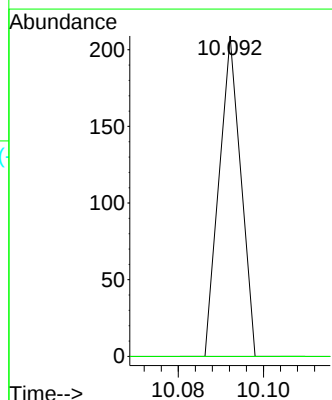
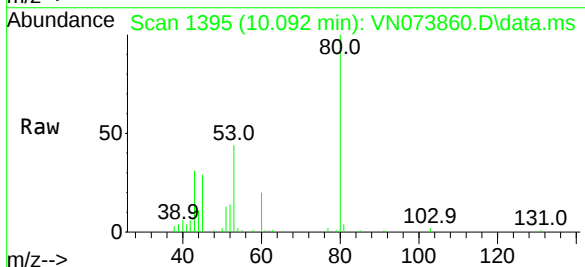
Acq: 12 Aug 2022 18:41

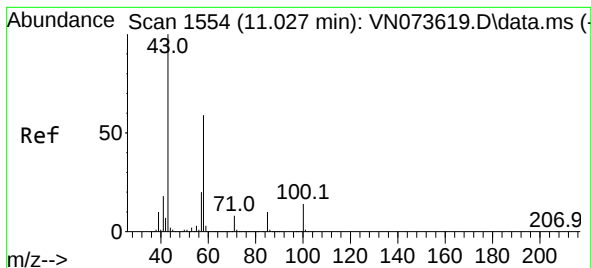
Tgt Ion: 63 Resp: 74

Ion Ratio Lower Upper

63 100

106 0.0 24.6 36.8#





#59

2-Hexanone

Concen: 14.004 ug/l

RT: 11.039 min Scan# 11

Delta R.T. 0.012 min

Lab File: VN073860.D

Acq: 12 Aug 2022 18:41

Instrument :

MSVOA_N

ClientSampleId :

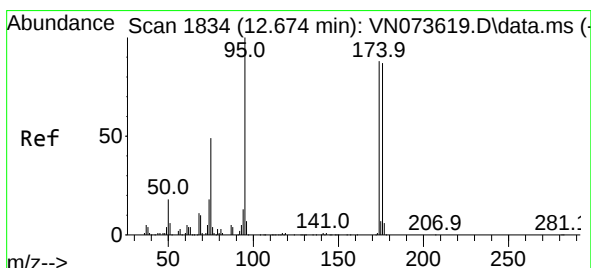
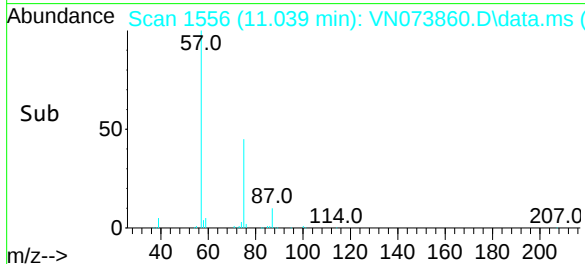
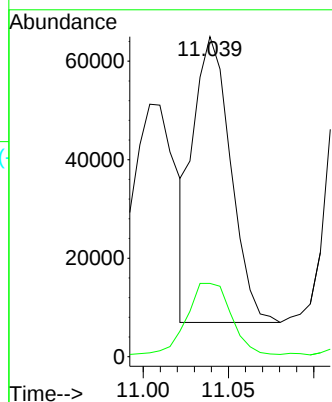
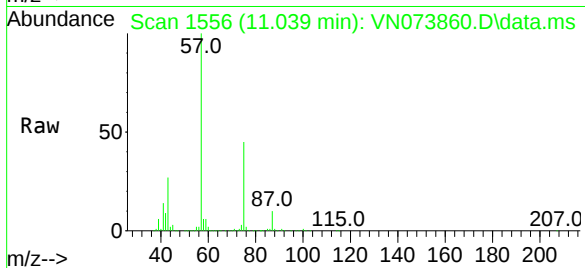
FMC-00072

Tgt Ion: 43 Resp: 88857

Ion Ratio Lower Upper

43 100

58 31.0 29.7 89.1



#62

4-Bromofluorobenzene

Concen: 56.591 ug/l

RT: 12.674 min Scan# 1834

Delta R.T. 0.000 min

Lab File: VN073860.D

Acq: 12 Aug 2022 18:41

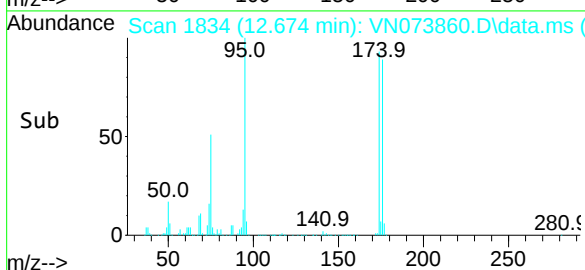
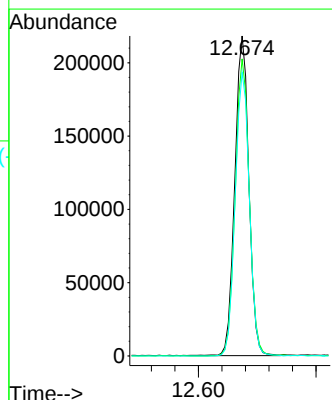
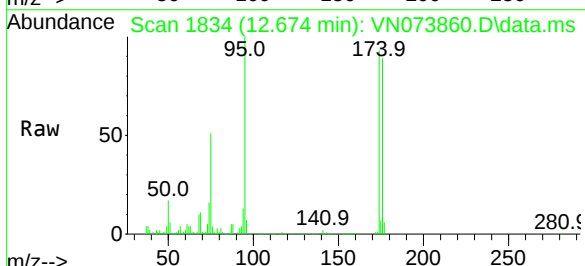
Tgt Ion: 95 Resp: 362485

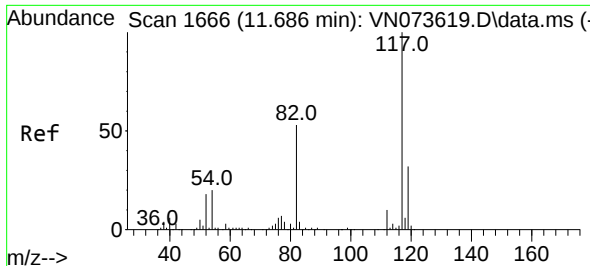
Ion Ratio Lower Upper

95 100

174 93.0 0.0 167.6

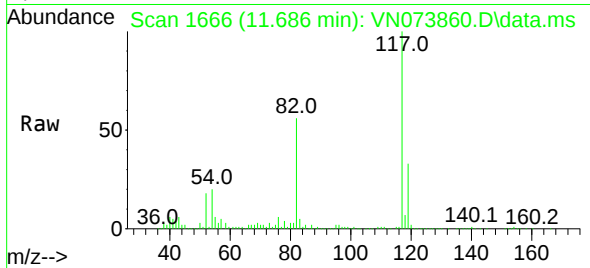
176 89.2 0.0 163.4



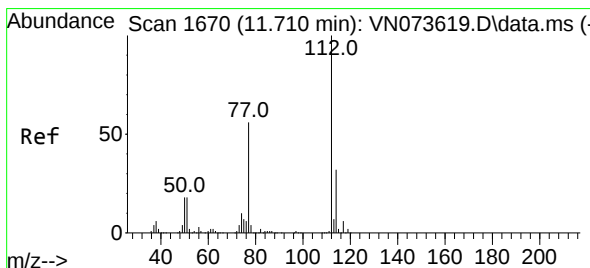
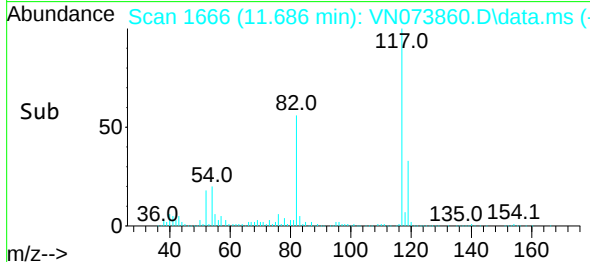
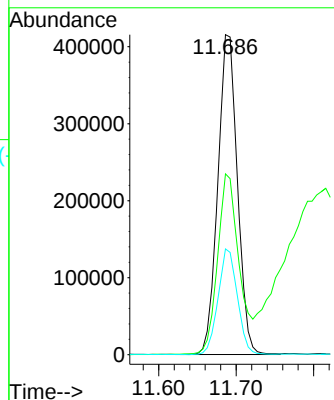


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN073860.D
Acq: 12 Aug 2022 18:41

Instrument :
MSVOA_N
ClientSampleId :
FMC-00072

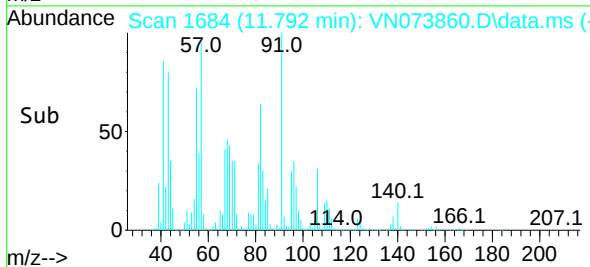
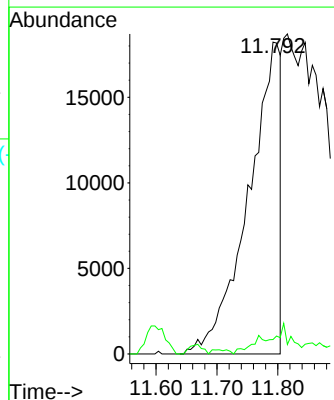
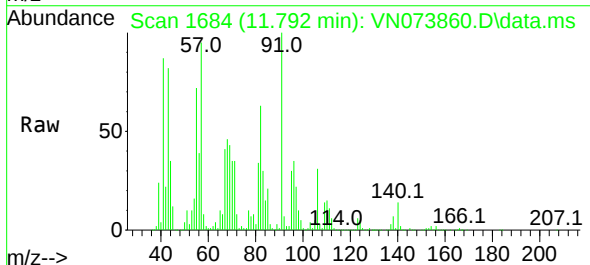


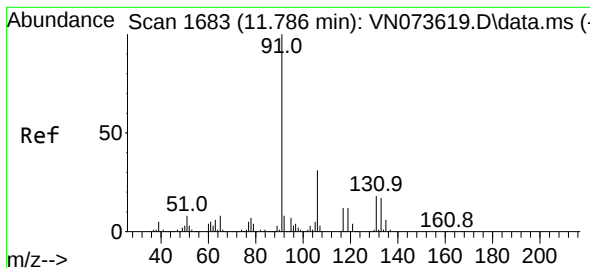
Tgt Ion:117 Resp: 728957
Ion Ratio Lower Upper
117 100
82 56.4 44.2 66.2
119 33.0 25.4 38.0



#65
Chlorobenzene
Concen: 4.301 ug/l
RT: 11.792 min Scan# 1684
Delta R.T. 0.082 min
Lab File: VN073860.D
Acq: 12 Aug 2022 18:41

Tgt Ion:112 Resp: 66592
Ion Ratio Lower Upper
112 100
114 4.6 25.4 38.2#





#67

Ethyl Benzene

Concen: 20.685 ug/l

RT: 11.786 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN073860.D

Acq: 12 Aug 2022 18:41

Instrument :

MSVOA_N

ClientSampleId :

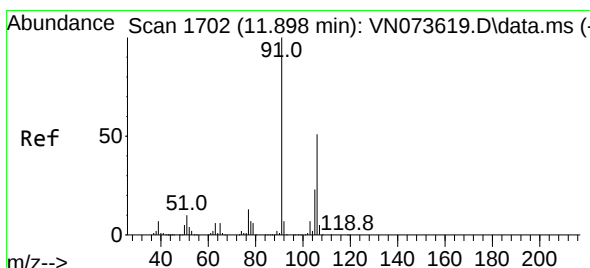
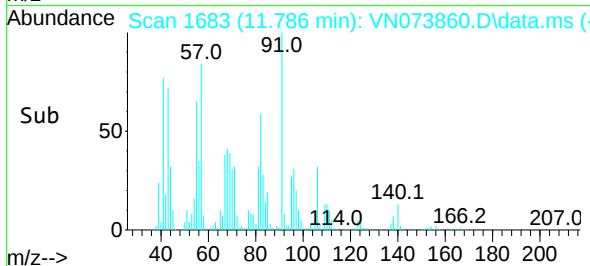
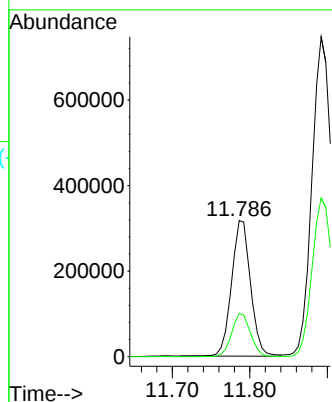
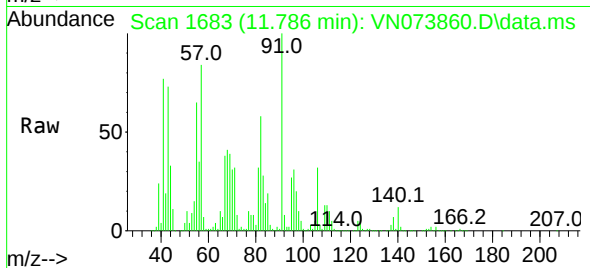
FMC-00072

Tgt Ion: 91 Resp: 540327

Ion Ratio Lower Upper

91 100

106 31.9 24.9 37.3



#68

m/p-Xylenes

Concen: 68.470 ug/l

RT: 11.892 min Scan# 1701

Delta R.T. -0.006 min

Lab File: VN073860.D

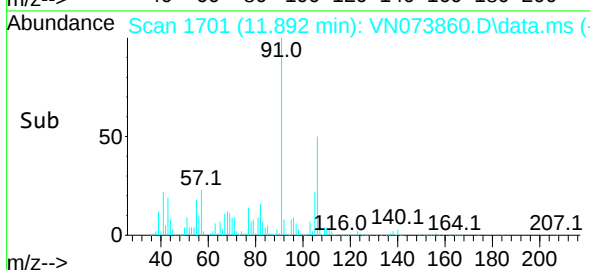
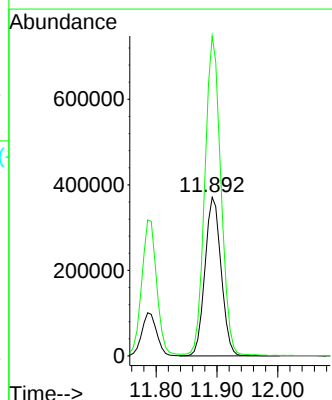
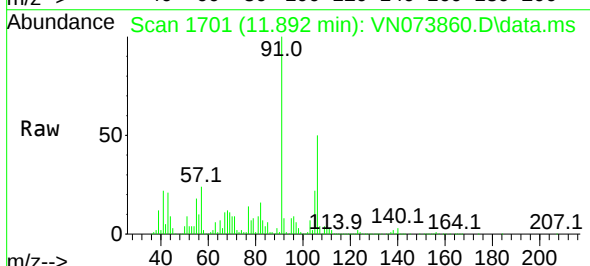
Acq: 12 Aug 2022 18:41

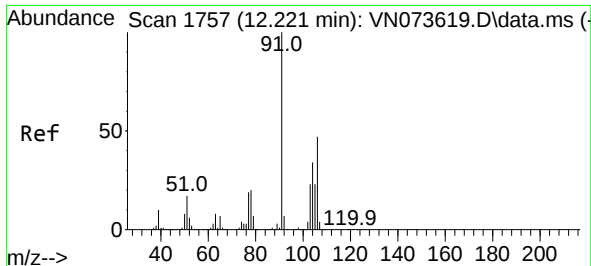
Tgt Ion:106 Resp: 682150

Ion Ratio Lower Upper

106 100

91 200.3 158.9 238.3

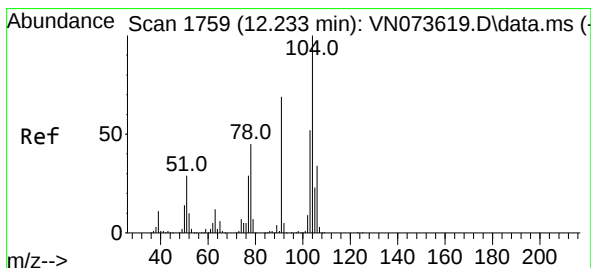
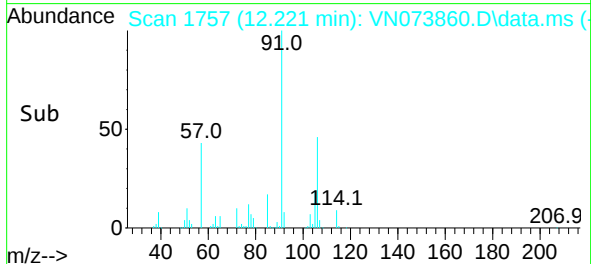
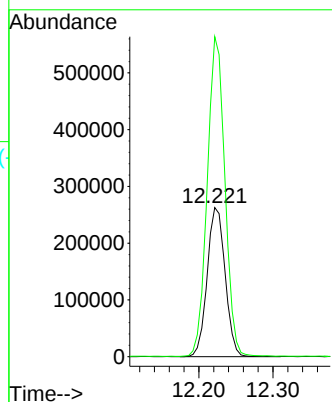
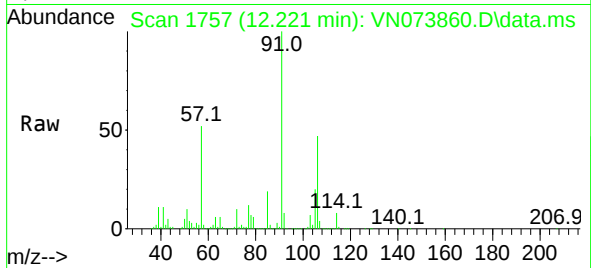




#69
o-Xylene
Concen: 45.627 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. -0.000 min
Lab File: VN073860.D
Acq: 12 Aug 2022 18:41

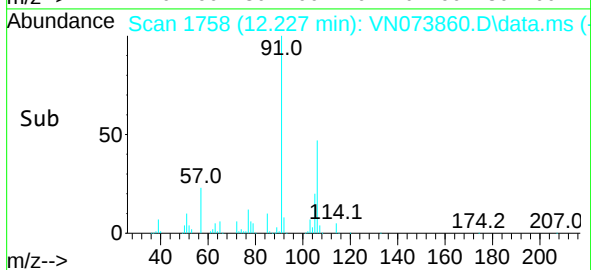
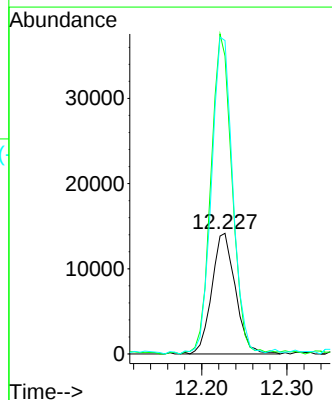
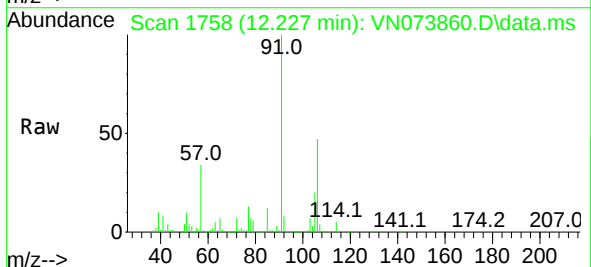
Instrument :
MSVOA_N
ClientSampleId :
FMC-00072

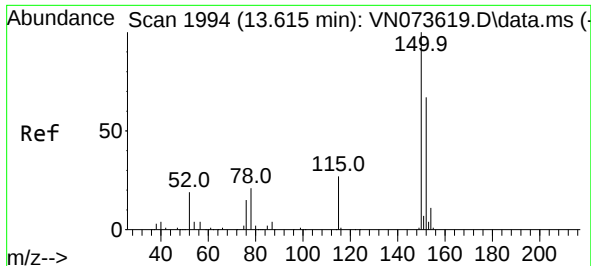
Tgt Ion:106 Resp: 443178
Ion Ratio Lower Upper
106 100
91 210.5 106.0 318.0



#70
Styrene
Concen: 1.758 ug/l
RT: 12.227 min Scan# 1758
Delta R.T. -0.006 min
Lab File: VN073860.D
Acq: 12 Aug 2022 18:41

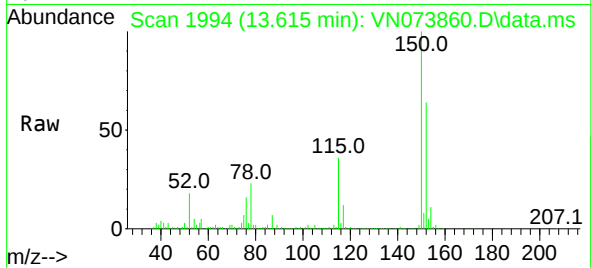
Tgt Ion:104 Resp: 27329
Ion Ratio Lower Upper
104 100
78 237.9 39.5 59.3#
103 236.9 44.0 66.0#



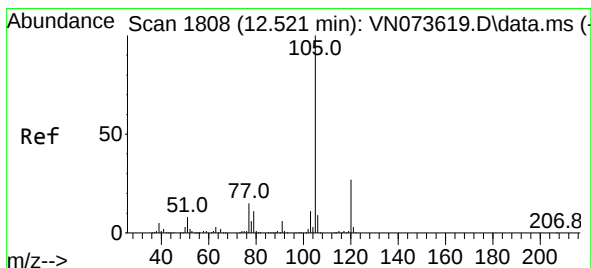
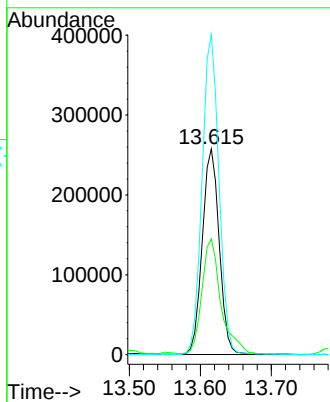
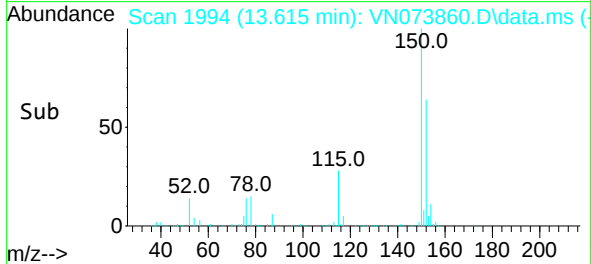


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VN073860.D
Acq: 12 Aug 2022 18:41

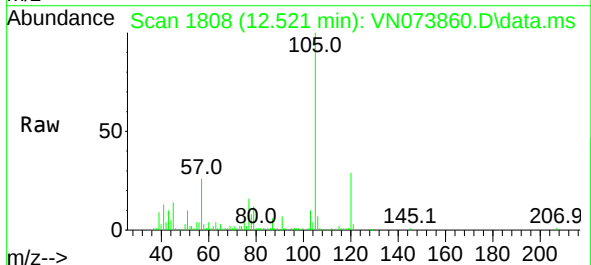
Instrument :
MSVOA_N
ClientSampleId :
FMC-00072



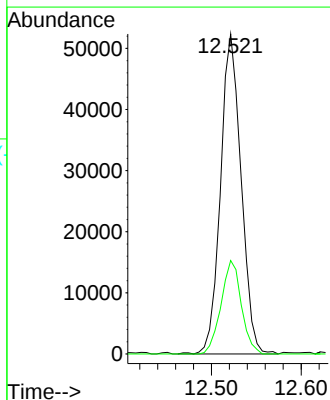
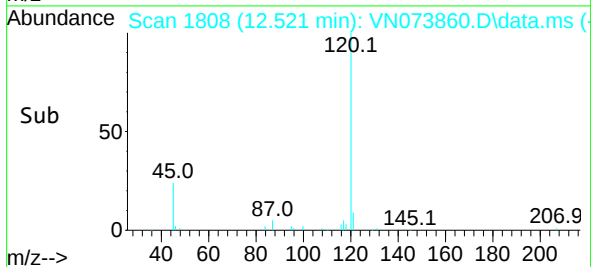
Tgt Ion:152 Resp: 427524
Ion Ratio Lower Upper
152 100
115 62.5 28.9 86.7
150 155.1 0.0 356.2

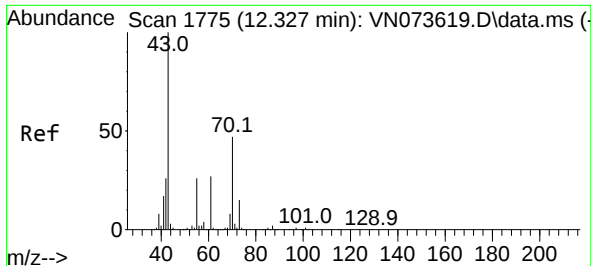


#73
Isopropylbenzene
Concen: 2.663 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN073860.D
Acq: 12 Aug 2022 18:41



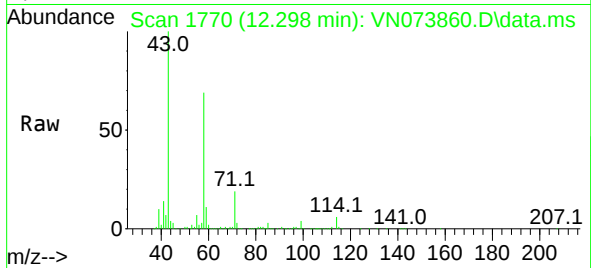
Tgt Ion:105 Resp: 83350
Ion Ratio Lower Upper
105 100
120 28.8 13.5 40.4



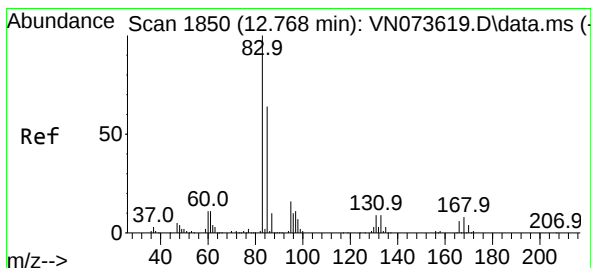
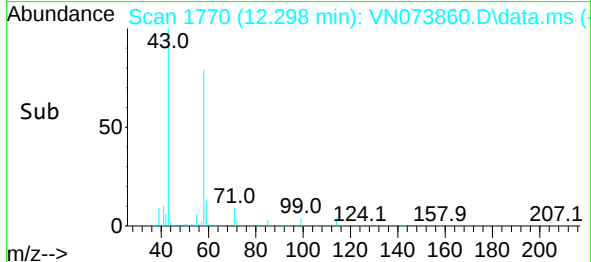
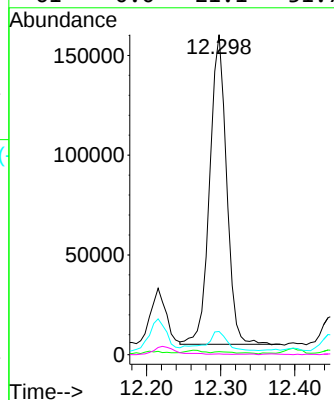


#74
N-amy1 acetate
Concen: 20.795 ug/l
RT: 12.298 min Scan# 11
Delta R.T. -0.029 min
Lab File: VN073860.D
Acq: 12 Aug 2022 18:41

Instrument :
MSVOA_N
ClientSampleId :
FMC-00072

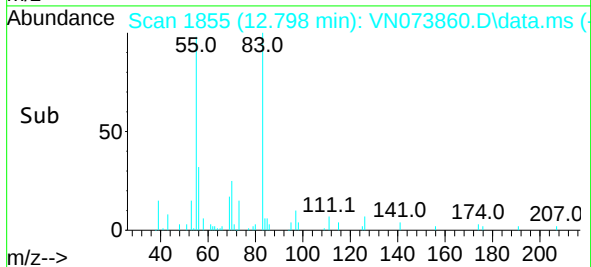
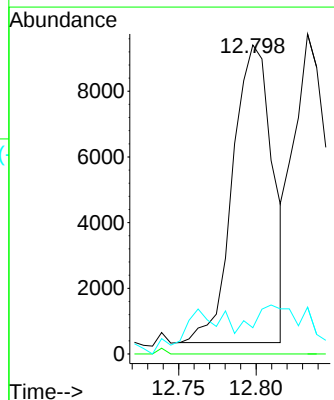
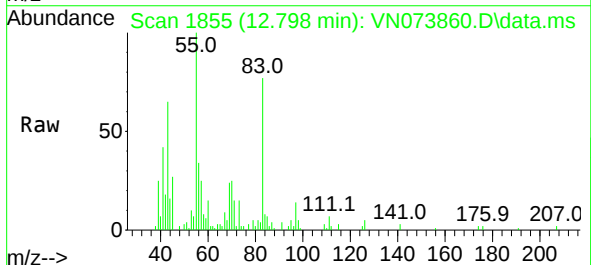


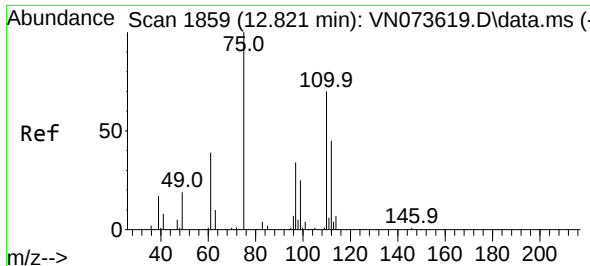
Tgt Ion: 43 Resp: 245895
Ion Ratio Lower Upper
43 100
70 0.5 39.0 58.4#
55 7.7 21.1 31.7#
61 0.0 21.1 31.7#



#75
1,1,2,2-Tetrachloroethane
Concen: 1.346 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. 0.029 min
Lab File: VN073860.D
Acq: 12 Aug 2022 18:41

Tgt Ion: 83 Resp: 16256
Ion Ratio Lower Upper
83 100
131 0.0 5.3 15.9#
85 14.8 32.3 96.9#

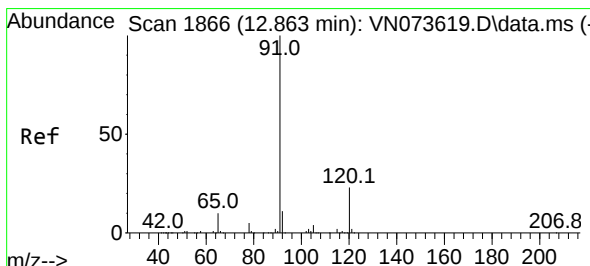
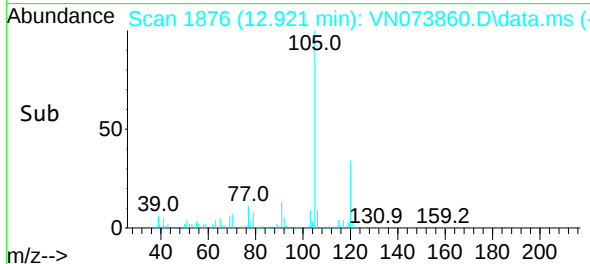
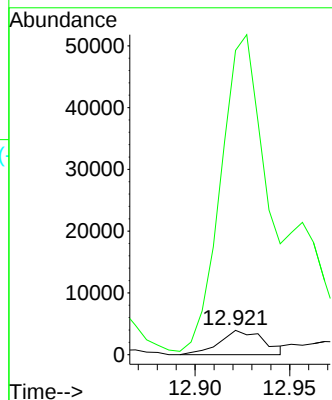
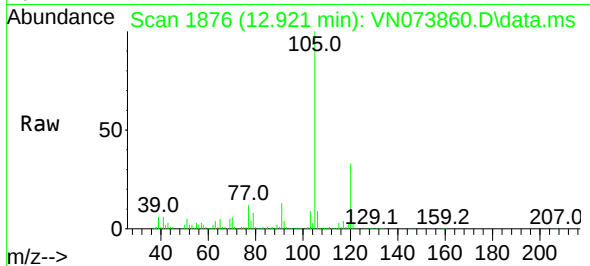




#76
1,2,3-Trichloropropane
Concen: Below Cal
RT: 12.921 min Scan# 1859
Delta R.T. 0.100 min
Lab File: VN073860.D
Acq: 12 Aug 2022 18:41

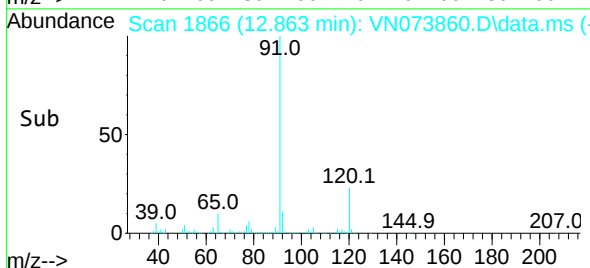
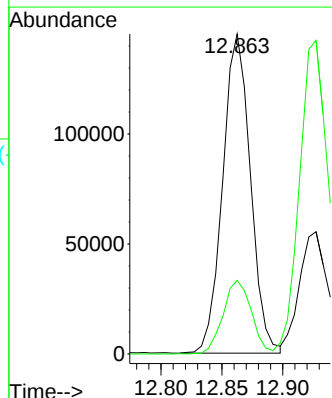
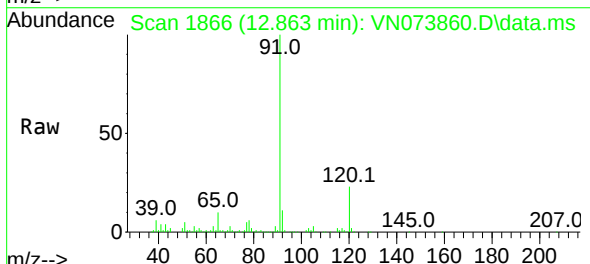
Instrument :
MSVOA_N
ClientSampleId :
FMC-00072

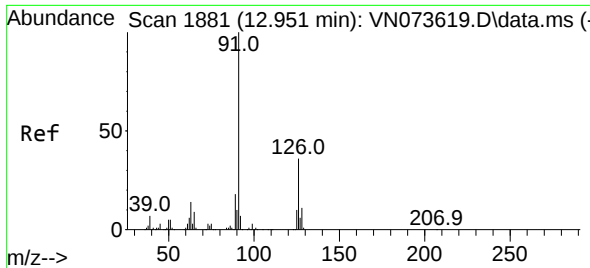
Tgt Ion: 75 Resp: 6412
Ion Ratio Lower Upper
75 100
77 1740.4 98.5 295.5#



#78
n-propylbenzene
Concen: 6.536 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VN073860.D
Acq: 12 Aug 2022 18:41

Tgt Ion: 91 Resp: 230152
Ion Ratio Lower Upper
91 100
120 23.5 11.9 35.5

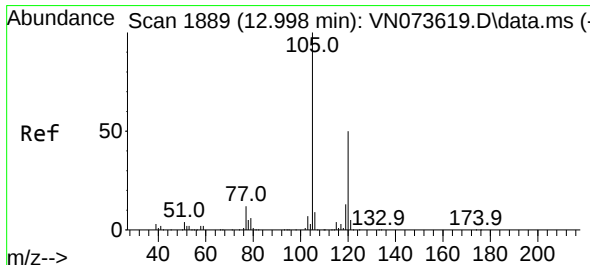
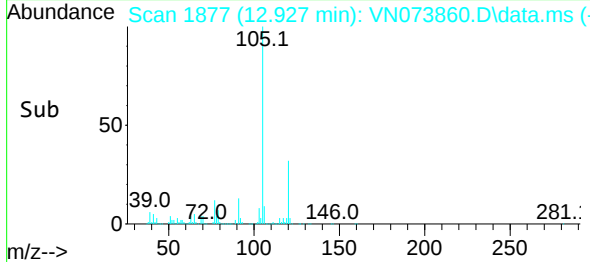
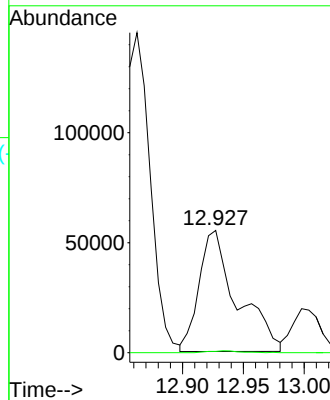
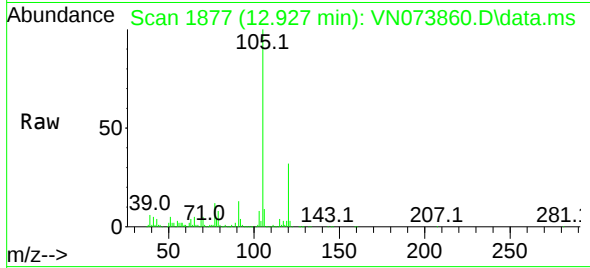




#79
2-Chlorotoluene
Concen: 5.476 ug/l
RT: 12.927 min Scan# 1881
Delta R.T. -0.024 min
Lab File: VN073860.D
Acq: 12 Aug 2022 18:41

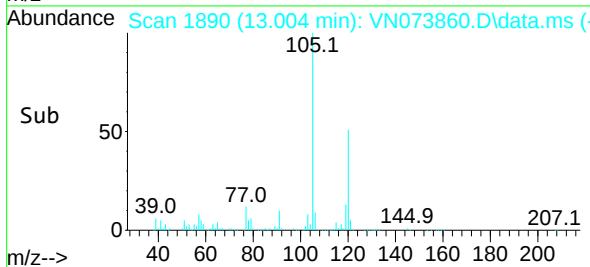
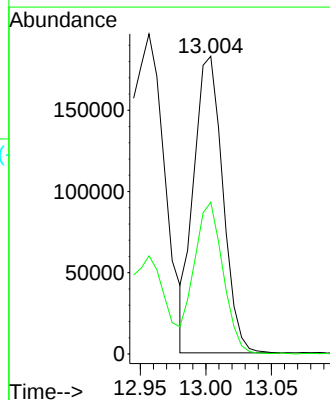
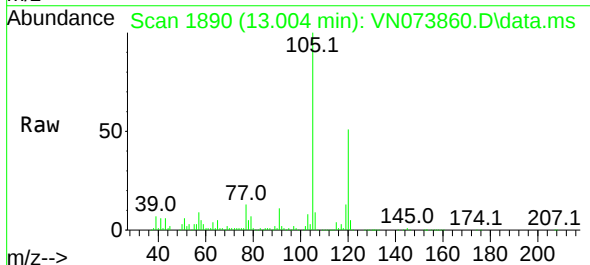
Instrument :
MSVOA_N
ClientSampleId :
FMC-00072

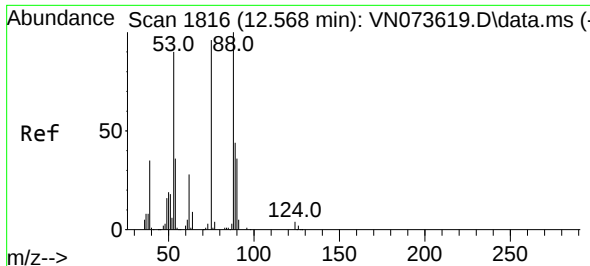
Tgt Ion: 91 Resp: 120348
Ion Ratio Lower Upper
91 100
126 1.2 17.3 51.9#



#80
1,3,5-Trimethylbenzene
Concen: 10.956 ug/l
RT: 13.004 min Scan# 1890
Delta R.T. 0.006 min
Lab File: VN073860.D
Acq: 12 Aug 2022 18:41

Tgt Ion: 105 Resp: 282173
Ion Ratio Lower Upper
105 100
120 50.9 24.9 74.7

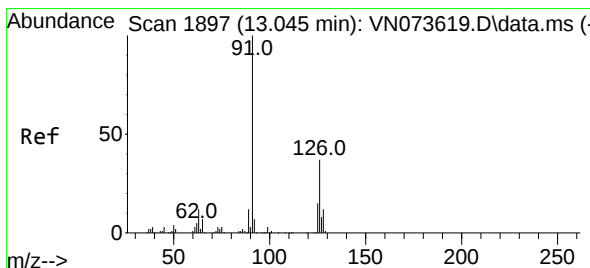
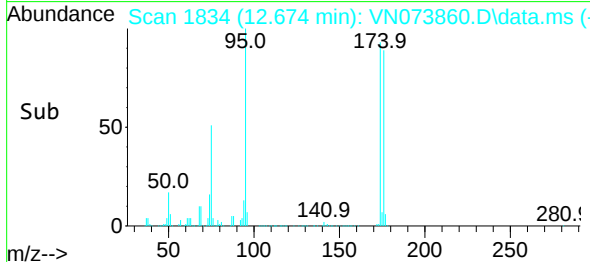
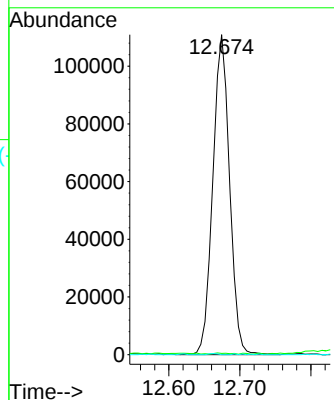
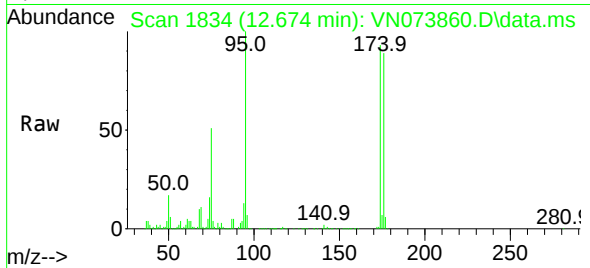




#81
trans-1,4-Dichloro-2-butene
Concen: 55.059 ug/l
RT: 12.674 min Scan# 1816
Delta R.T. 0.106 min
Lab File: VN073860.D
Acq: 12 Aug 2022 18:41

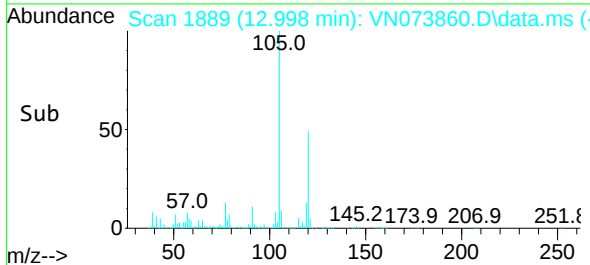
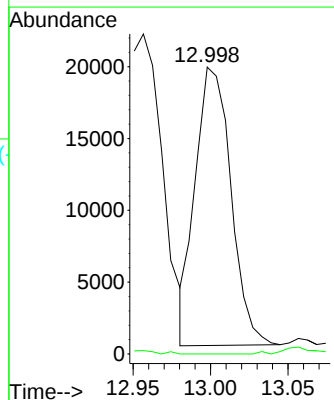
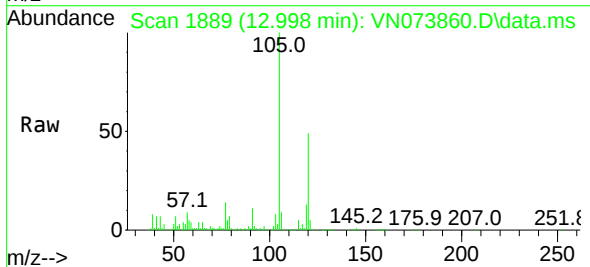
Instrument :
MSVOA_N
ClientSampleId :
FMC-00072

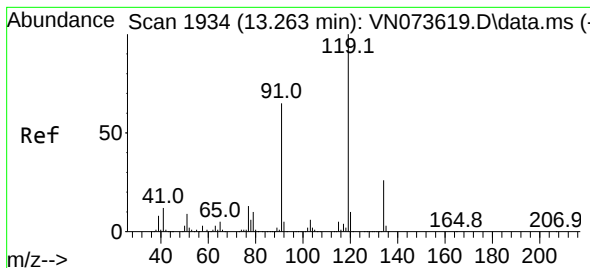
Tgt Ion: 75 Resp: 181637
Ion Ratio Lower Upper
75 100
53 0.3 78.0 117.0#
89 0.2 37.2 55.8#



#82
4-Chlorotoluene
Concen: 1.488 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. -0.047 min
Lab File: VN073860.D
Acq: 12 Aug 2022 18:41

Tgt Ion: 91 Resp: 30992
Ion Ratio Lower Upper
91 100
126 0.0 17.2 51.6#





#83

tert-Butylbenzene

Concen: 7.710 ug/l

RT: 13.310 min Scan# 1942

Delta R.T. 0.047 min

Lab File: VN073860.D

Acq: 12 Aug 2022 18:41

Instrument :

MSVOA_N

ClientSampleId :

FMC-00072

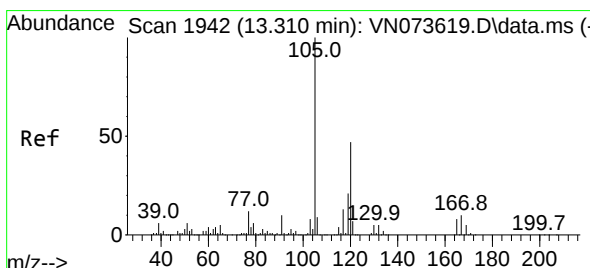
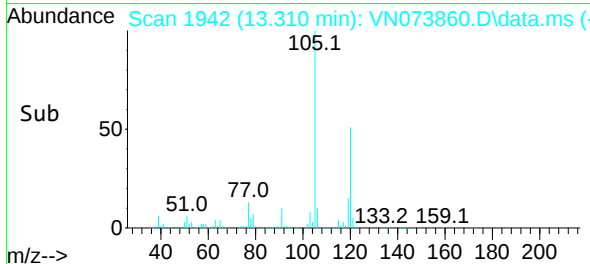
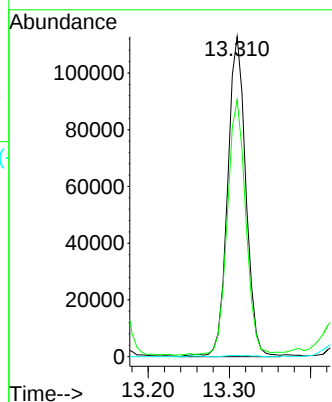
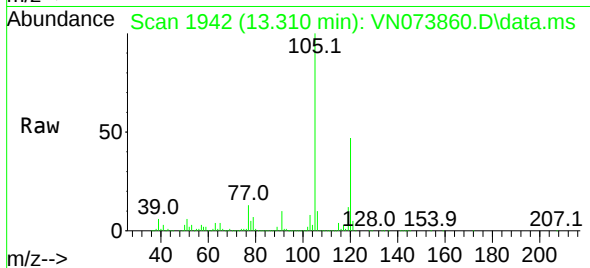
Tgt Ion:119 Resp: 175871

Ion Ratio Lower Upper

119 100

91 80.2 31.6 94.8

134 0.6 13.7 41.1#



#84

1,2,4-Trimethylbenzene

Concen: 56.827 ug/l

RT: 13.310 min Scan# 1942

Delta R.T. -0.000 min

Lab File: VN073860.D

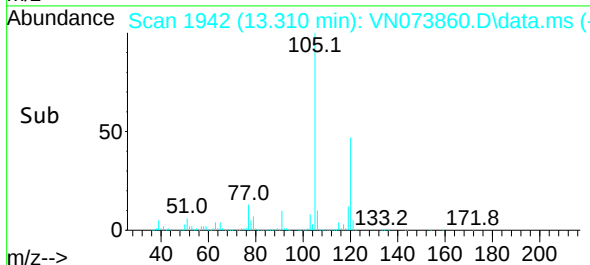
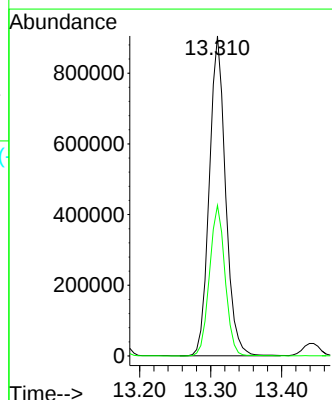
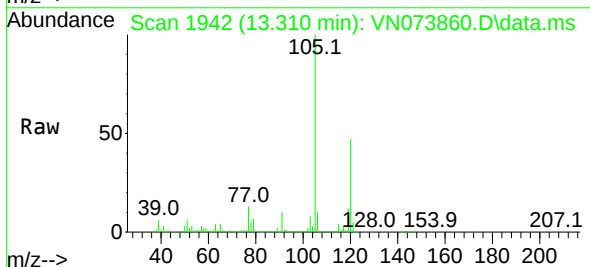
Acq: 12 Aug 2022 18:41

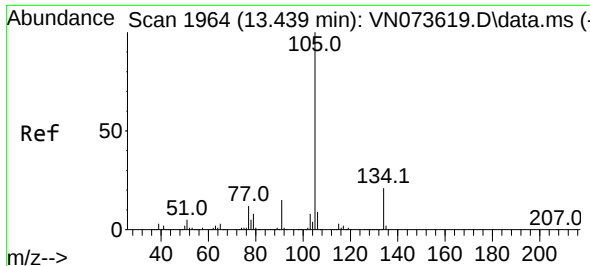
Tgt Ion:105 Resp: 1439107

Ion Ratio Lower Upper

105 100

120 45.2 23.3 69.8

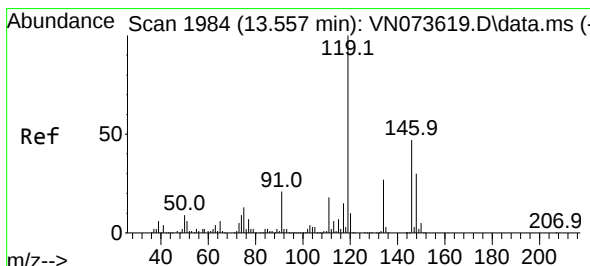
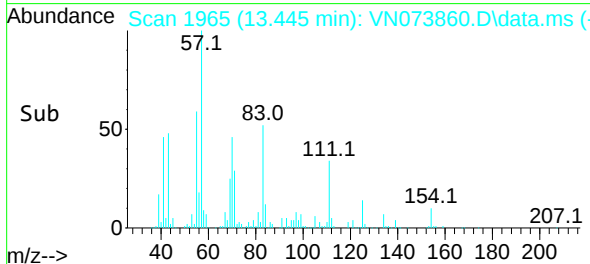
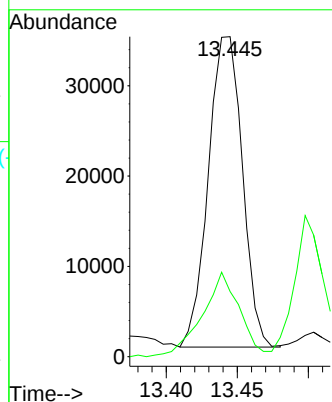
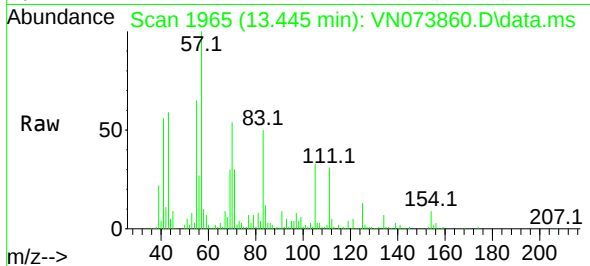




#85
 sec-Butylbenzene
 Concen: 1.821 ug/l
 RT: 13.445 min Scan# 1965
 Delta R.T. 0.006 min
 Lab File: VN073860.D
 Acq: 12 Aug 2022 18:41

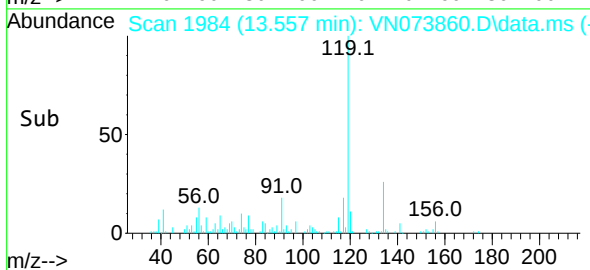
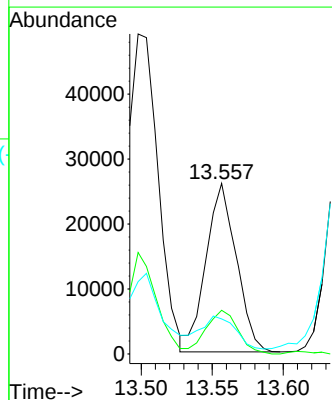
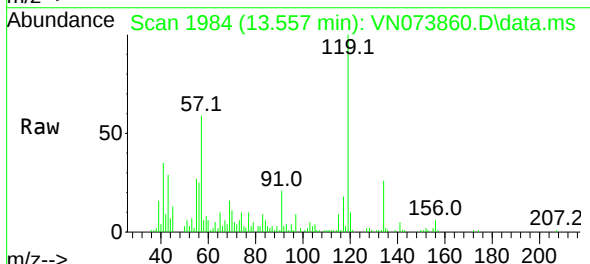
Instrument :
 MSVOA_N
 ClientSampleId :
 FMC-00072

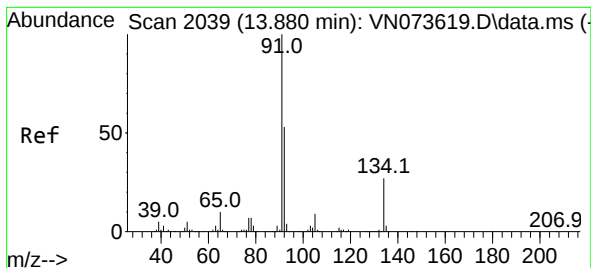
Tgt Ion:105 Resp: 57419
 Ion Ratio Lower Upper
 105 100
 134 29.7 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 1.558 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN073860.D
 Acq: 12 Aug 2022 18:41

Tgt Ion:119 Resp: 38720
 Ion Ratio Lower Upper
 119 100
 134 27.6 13.3 39.8
 91 21.5 11.3 33.9





#89

n-Butylbenzene

Concen: 2.626 ug/l

RT: 13.880 min Scan# 2039

Delta R.T. -0.000 min

Lab File: VN073860.D

Acq: 12 Aug 2022 18:41

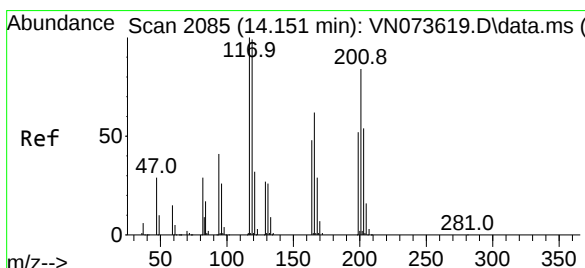
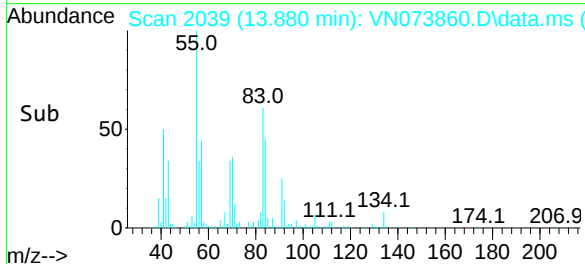
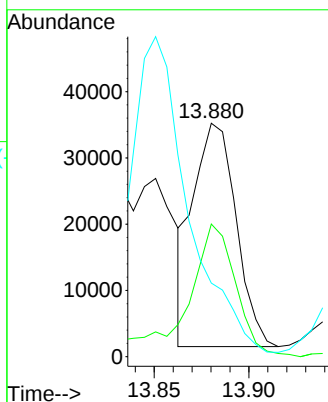
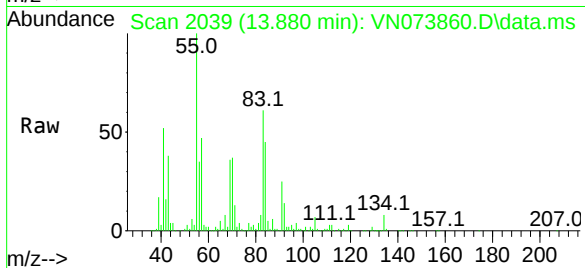
Instrument :

MSVOA_N

ClientSampleId :

FMC-00072

Tgt Ion:	91	Resp:	53110
Ion Ratio	Lower	Upper	
91	100		
92	64.4	26.9	80.7
134	0.0	13.6	40.8



#90

Hexachloroethane

Concen: 4.568 ug/l

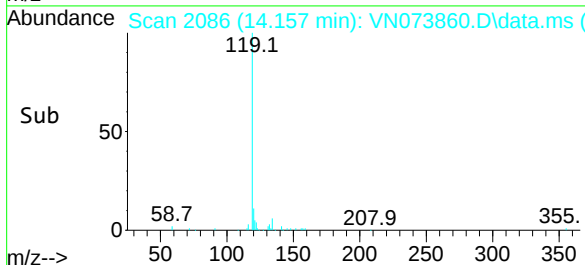
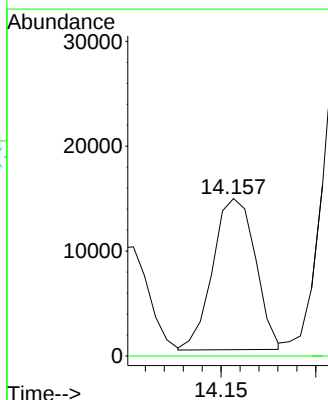
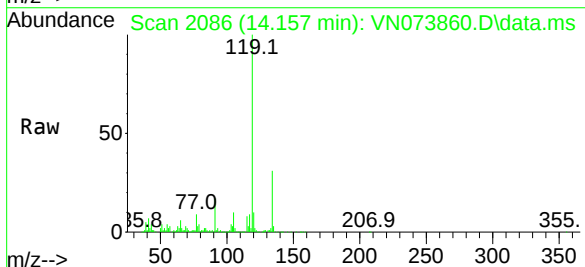
RT: 14.157 min Scan# 2086

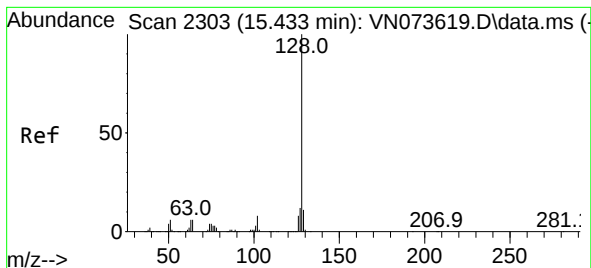
Delta R.T. 0.006 min

Lab File: VN073860.D

Acq: 12 Aug 2022 18:41

Tgt Ion:	117	Resp:	22525
Ion Ratio	Lower	Upper	
117	100		
201	0.0	40.6	122.0





#95

Naphthalene

Concen: 30.298 ug/l

RT: 15.433 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN073860.D

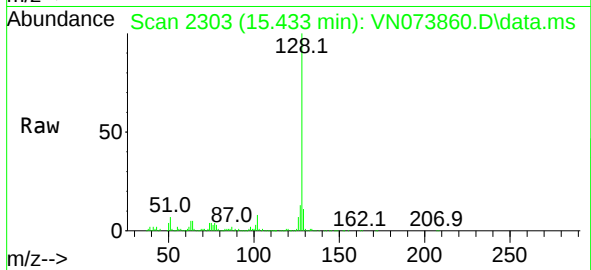
Acq: 12 Aug 2022 18:41

Instrument :

MSVOA_N

ClientSampleId :

FMC-00072



Tgt Ion:128 Resp: 736015

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 11.2 8.6 13.0

