

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081322\
 Data File : VN073872.D
 Acq On : 13 Aug 2022 16:50
 Operator : JC\MD
 Sample : N4156-01RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FMC-0071

Quant Time: Aug 14 02:36:06 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	8.128	168	607038	50.000	ug/l	0.11
34) 1,4-Difluorobenzene	8.980	114	884113	50.000	ug/l	0.08
63) Chlorobenzene-d5	11.704	117	814112	50.000	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.621	152	454305	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.475	65	298536	40.355	ug/l	0.11
Spiked Amount	50.000	Range	74 - 125	Recovery	=	80.720%
35) Dibromofluoromethane	8.069	113	290677	52.358	ug/l	0.12
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.720%
50) Toluene-d8	10.422	98	985431	45.107	ug/l	0.04
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.220%
62) 4-Bromofluorobenzene	12.680	95	396584	51.617	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.240%

Target Compounds						Qvalue
3) Chloromethane	2.404	50	1468	Below Cal	#	86
6) Chloroethane	2.975	64	74	Below Cal	#	1
8) Diethyl Ether	3.922	74	840	0.211	ug/l	56
16) Acetone	4.410	43	1209350	304.362	ug/l	95
17) Carbon Disulfide	4.604	76	3106	0.203	ug/l	# 54
18) Methyl Acetate	4.940	43	74604	7.547	ug/l	93
20) Methylene Chloride	5.140	84	94091	13.007	ug/l	99
25) 2-Butanone	7.498	43	50165	8.130	ug/l	# 48
29) Tetrahydrofuran	7.716	42	1463581	375.148	ug/l	# 29
31) Cyclohexane	8.128	56	14345	1.302	ug/l	# 28
36) 1,1-Dichloropropene	8.128	75	38150	4.822	ug/l	# 49
38) Carbon Tetrachloride	8.122	117	51213	6.373	ug/l	# 16
39) Methylcyclohexane	9.463	83	8662	0.916	ug/l	89
40) Benzene	8.492	78	26564	1.034	ug/l	100
41) Methacrylonitrile	7.716	41	424634	90.055	ug/l	# 16
42) 1,2-Dichloroethane	8.592	62	53929	6.228	ug/l	74
43) Isopropyl Acetate	8.592	43	779102	55.354	ug/l	# 72
45) 1,2-Dichloropropane	9.622	63	2922	0.455	ug/l	# 44
48) Methyl methacrylate	9.551	41	14437	2.343	ug/l	# 55
49) 1,4-Dioxane	9.563	88	822	4.733	ug/l	# 1
51) 4-Methyl-2-Pentanone	10.310	43	126995	12.580	ug/l	# 75
53) t-1,3-Dichloropropene	10.486	75	459092	54.321	ug/l	# 1
54) cis-1,3-Dichloropropene	10.227	75	54417	5.714	ug/l	# 59
55) 1,1,2-Trichloroethane	10.839	97	1910	0.292	ug/l	# 16
56) Ethyl methacrylate	10.663	69	139174	15.429	ug/l	# 55
57) 1,3-Dichloropropane	11.057	76	6876	0.619	ug/l	# 42
58) 2-Chloroethyl Vinyl ether	10.033	63	192	9.980	ug/l	# 44
59) 2-Hexanone	11.057	43	83543	10.923	ug/l	61
67) Ethyl Benzene	11.804	91	424942	14.566	ug/l	97
68) m/p-Xylenes	11.904	106	573171	51.513	ug/l	97
69) o-Xylene	12.233	106	392088	36.145	ug/l	96
70) Styrene	12.233	104	24157	1.391	ug/l	# 1
73) Isopropylbenzene	12.527	105	75868	2.281	ug/l	98
74) N-amyl acetate	12.304	43	182364	14.513	ug/l	# 42
75) 1,1,2,2-Tetrachloroethane	12.798	83	19300	1.504	ug/l	# 49
76) 1,2,3-Trichloropropane	12.680	75	194569	21.544	ug/l	# 1

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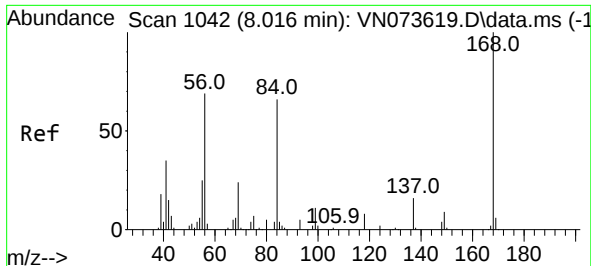
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

78) n-propylbenzene	12.868	91	199767	5.339	ug/l	98
79) 2-Chlorotoluene	12.927	91	102965	4.409	ug/l #	43
80) 1,3,5-Trimethylbenzene	13.004	105	253121	9.249	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.680	75	194569	55.502	ug/l #	11
82) 4-Chlorotoluene	13.010	91	24525	1.108	ug/l #	41
83) tert-Butylbenzene	13.310	119	154099	6.357	ug/l #	68
84) 1,2,4-Trimethylbenzene	13.315	105	1275871	47.411	ug/l	98
85) sec-Butylbenzene	13.445	105	50835	1.517	ug/l	83
86) p-Isopropyltoluene	13.557	119	34648	1.312	ug/l	97
89) n-Butylbenzene	13.886	91	50095	2.331	ug/l #	82
90) Hexachloroethane	14.157	117	19318	3.686	ug/l #	9
92) 1,2-Dibromo-3-Chloropr...	14.515	75	1636	0.634	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.192	180	4258	0.535	ug/l #	83
95) Naphthalene	15.433	128	823124	31.886	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	4602	0.550	ug/l #	79

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

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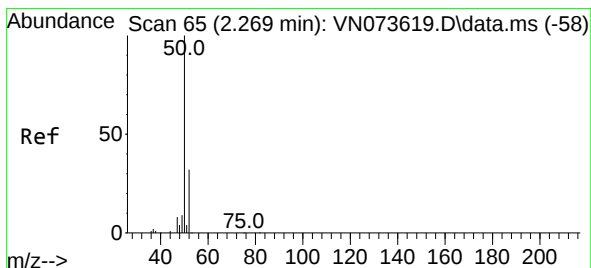
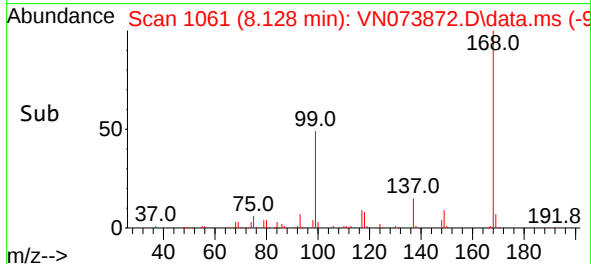
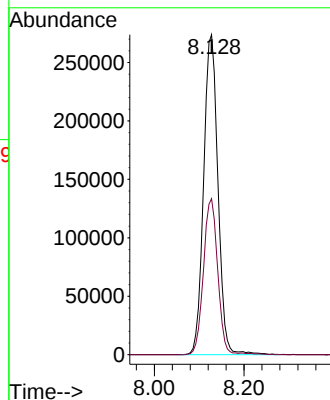
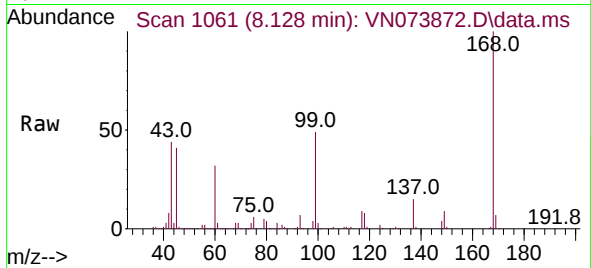




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.128 min Scan# 10
Delta R.T. 0.112 min
Lab File: VN073872.D
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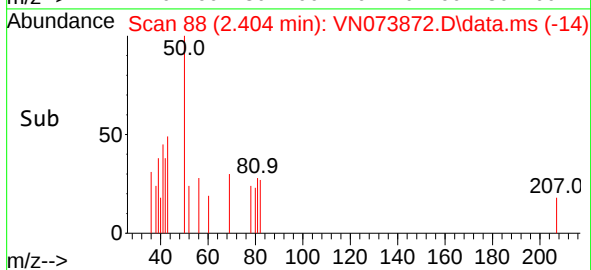
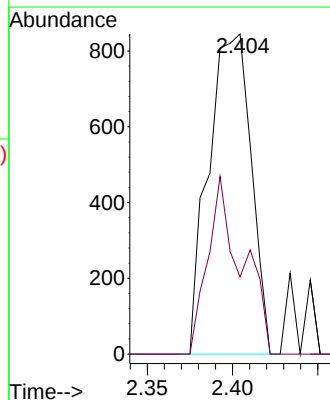
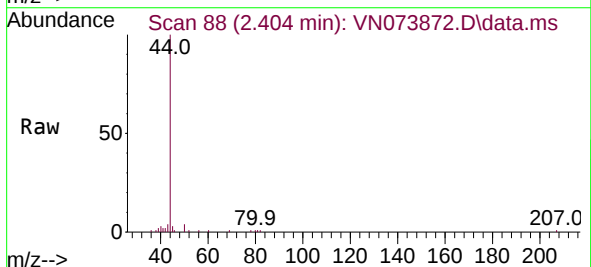
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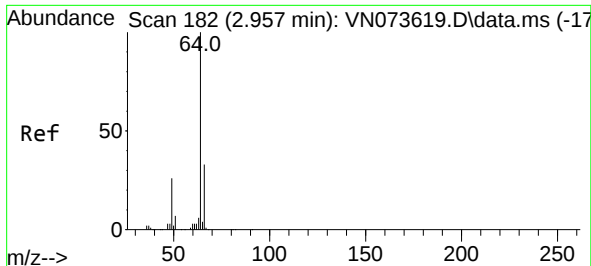
Tgt Ion:168 Resp: 607038
Ion Ratio Lower Upper
168 100
99 48.8 42.3 63.5



#3
Chloromethane
Concen: Below Cal
RT: 2.404 min Scan# 88
Delta R.T. 0.135 min
Lab File: VN073872.D
Acq: 13 Aug 2022 16:50

Tgt Ion: 50 Resp: 1468
Ion Ratio Lower Upper
50 100
52 24.1 25.7 38.5#

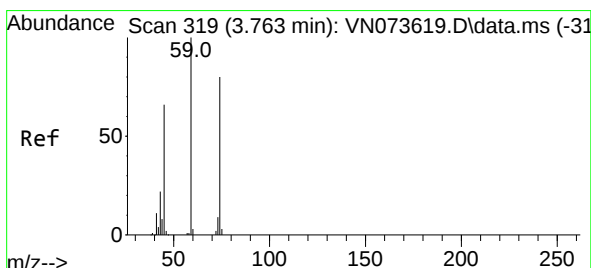
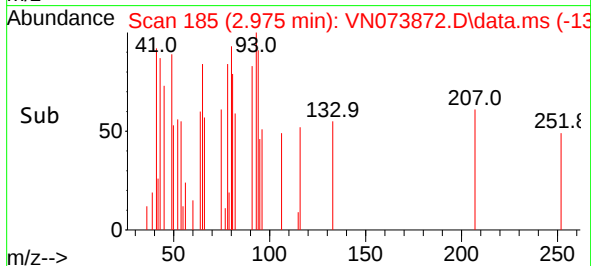
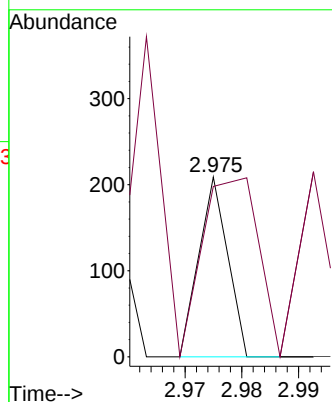
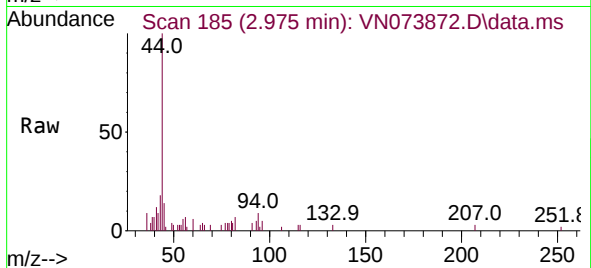




#6
Chloroethane
Concen: Below Cal
RT: 2.975 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN073872.D
Acq: 13 Aug 2022 16:50

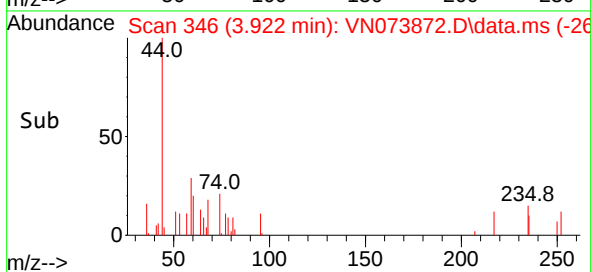
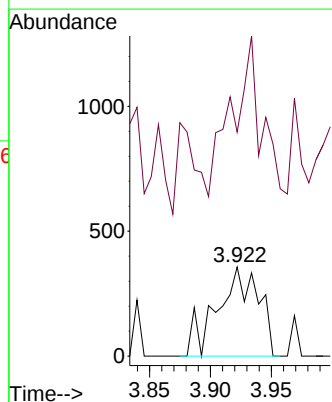
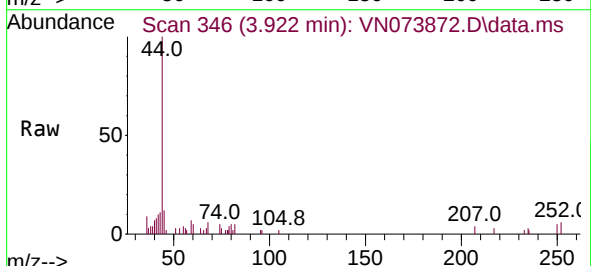
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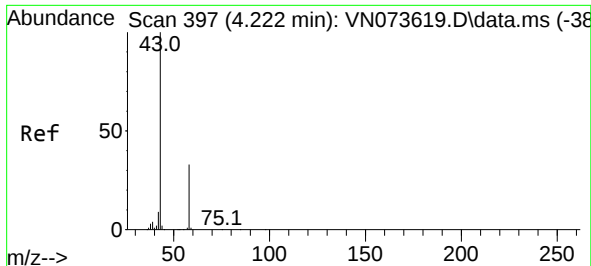
Tgt Ion: 64 Resp: 74
Ion Ratio Lower Upper
64 100
66 94.7 26.2 39.4#



#8
Diethyl Ether
Concen: 0.211 ug/l
RT: 3.922 min Scan# 346
Delta R.T. 0.159 min
Lab File: VN073872.D
Acq: 13 Aug 2022 16:50

Tgt Ion: 74 Resp: 840
Ion Ratio Lower Upper
74 100
45 125.6 42.9 128.5

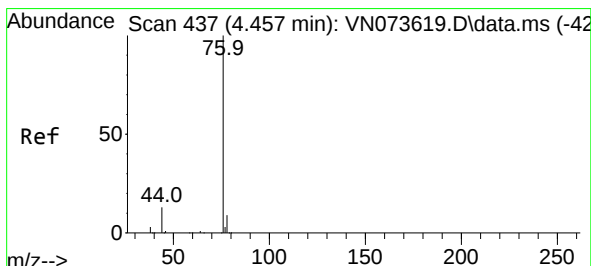
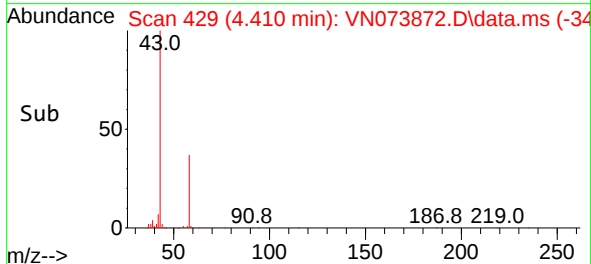
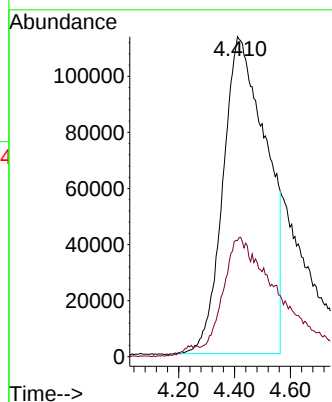
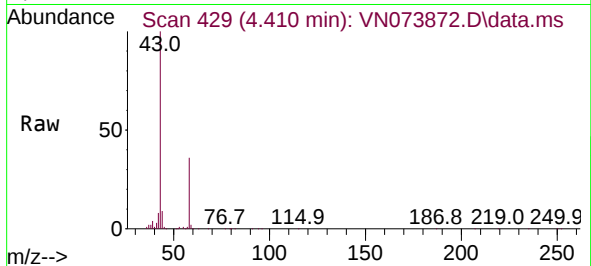




#16
Acetone
Concen: 304.362 ug/l
RT: 4.410 min Scan# 410
Delta R.T. 0.188 min
Lab File: VN073872.D
Acq: 13 Aug 2022 16:50

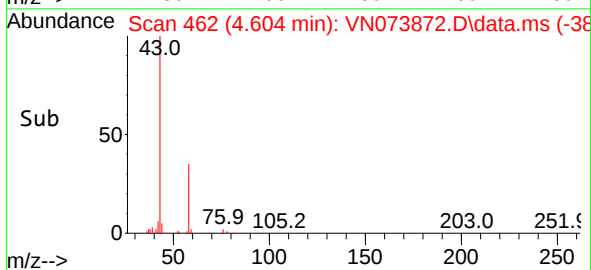
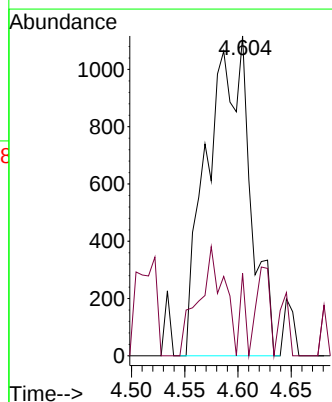
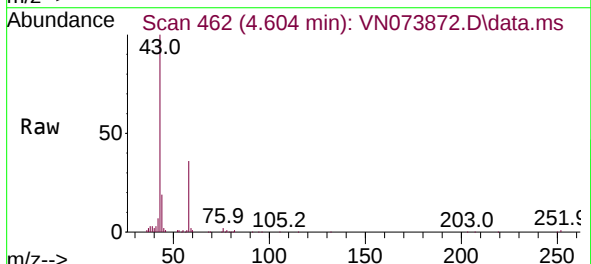
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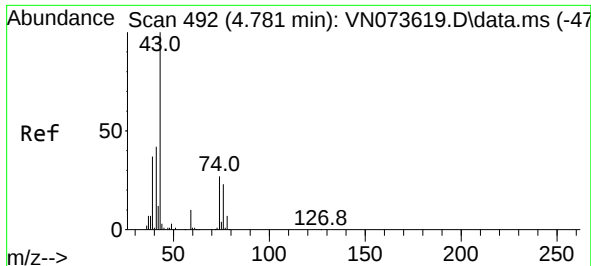
Tgt Ion: 43 Resp: 1209350
Ion Ratio Lower Upper
43 100
58 35.3 26.0 39.0



#17
Carbon Disulfide
Concen: 0.203 ug/l
RT: 4.604 min Scan# 462
Delta R.T. 0.147 min
Lab File: VN073872.D
Acq: 13 Aug 2022 16:50

Tgt Ion: 76 Resp: 3106
Ion Ratio Lower Upper
76 100
78 25.8 7.2 10.8#

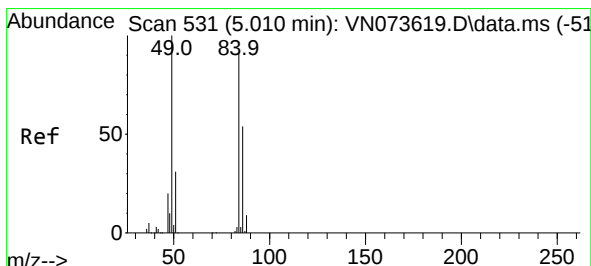
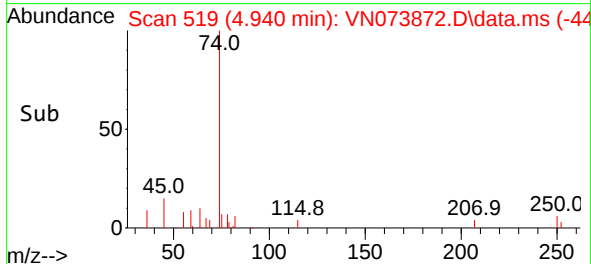
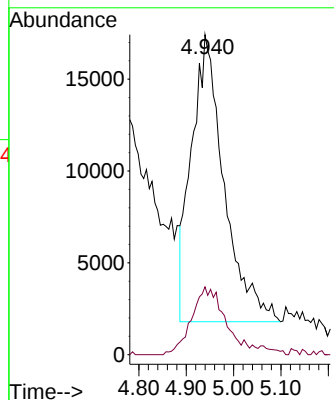
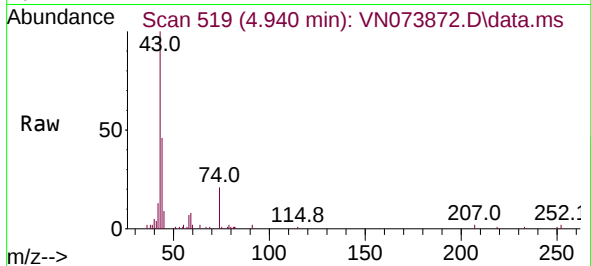




#18
Methyl Acetate
Concen: 7.547 ug/l
RT: 4.940 min Scan# 519
Delta R.T. 0.159 min
Lab File: VN073872.D
Acq: 13 Aug 2022 16:50

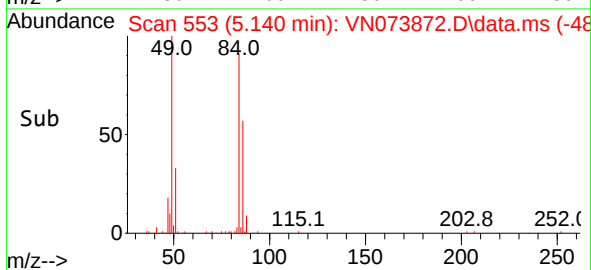
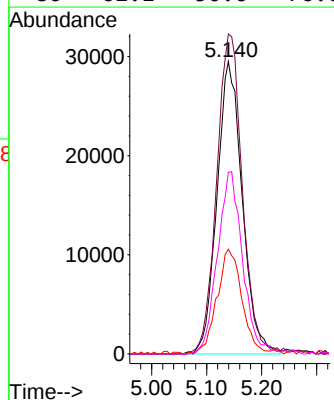
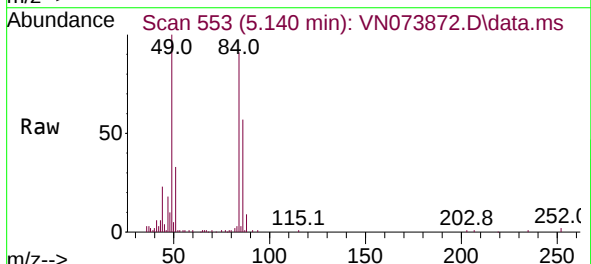
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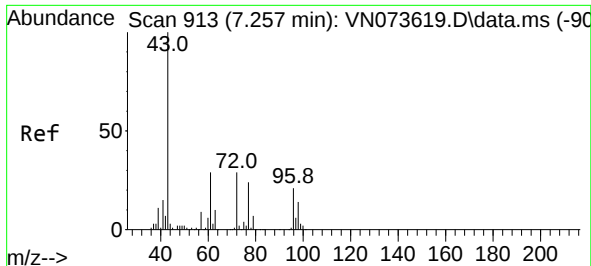
Tgt Ion: 43 Resp: 74604
Ion Ratio Lower Upper
43 100
74 23.2 21.6 32.4



#20
Methylene Chloride
Concen: 13.007 ug/l
RT: 5.140 min Scan# 553
Delta R.T. 0.130 min
Lab File: VN073872.D
Acq: 13 Aug 2022 16:50

Tgt Ion: 84 Resp: 94091
Ion Ratio Lower Upper
84 100
49 109.4 88.3 132.5
51 35.3 28.2 42.2
86 62.1 50.6 76.0

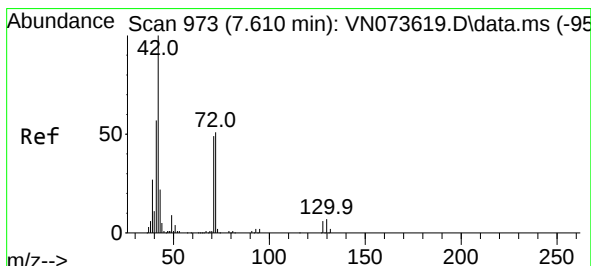
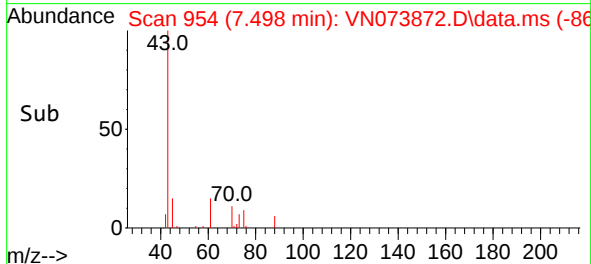
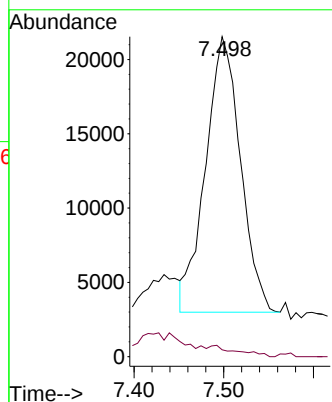
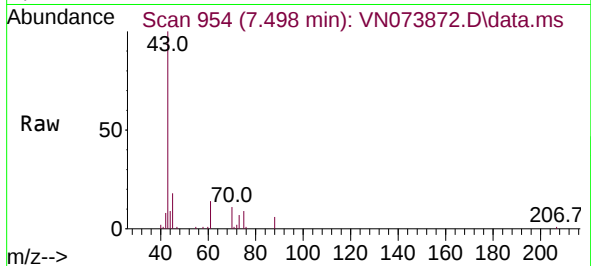




#25
2-Butanone
Concen: 8.130 ug/l
RT: 7.498 min Scan# 913
Delta R.T. 0.241 min
Lab File: VN073872.D
Acq: 13 Aug 2022 16:50

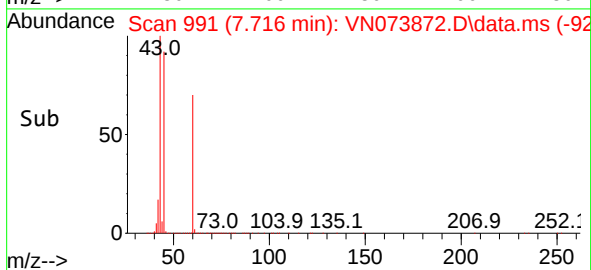
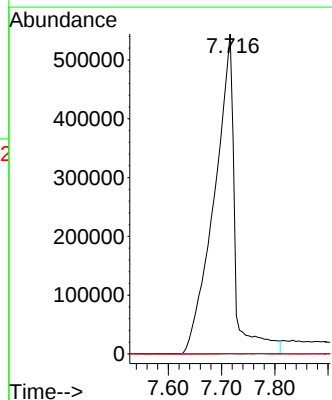
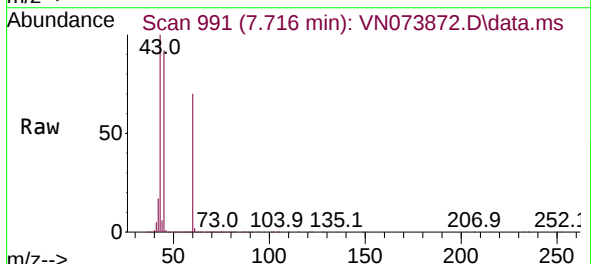
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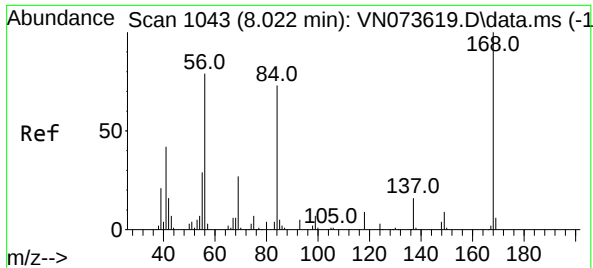
Tgt Ion: 43 Resp: 50165
Ion Ratio Lower Upper
43 100
72 1.5 23.7 35.5#



#29
Tetrahydrofuran
Concen: 375.148 ug/l
RT: 7.716 min Scan# 991
Delta R.T. 0.106 min
Lab File: VN073872.D
Acq: 13 Aug 2022 16:50

Tgt Ion: 42 Resp: 1463581
Ion Ratio Lower Upper
42 100
72 0.1 39.7 59.5#
71 0.0 36.6 55.0#

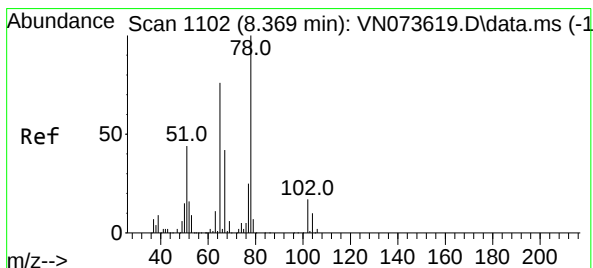
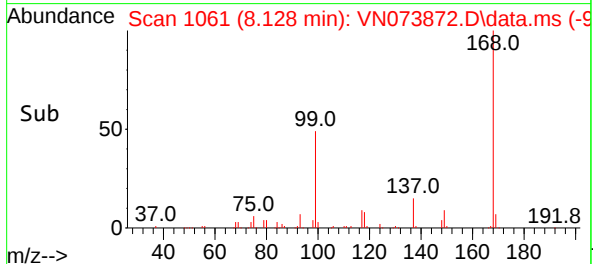
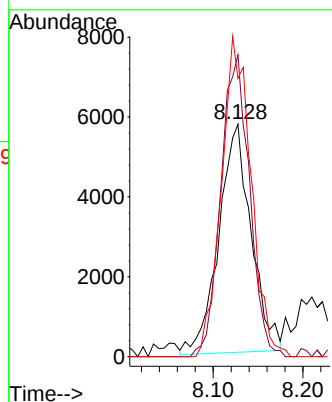
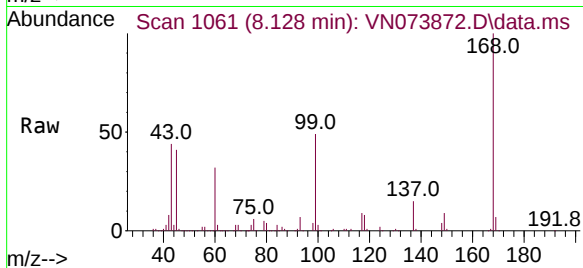




#31
Cyclohexane
Concen: 1.302 ug/l
RT: 8.128 min Scan# 1061
Delta R.T. 0.106 min
Lab File: VN073872.D
Acq: 13 Aug 2022 16:50

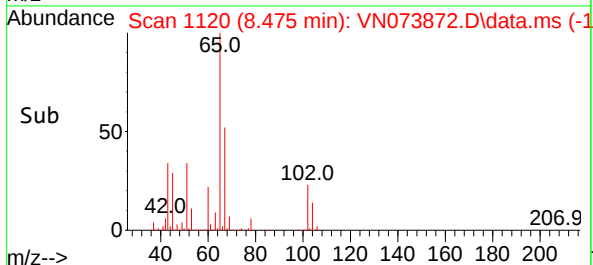
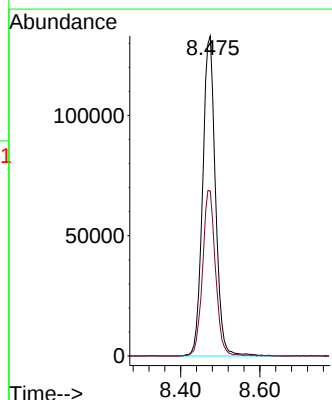
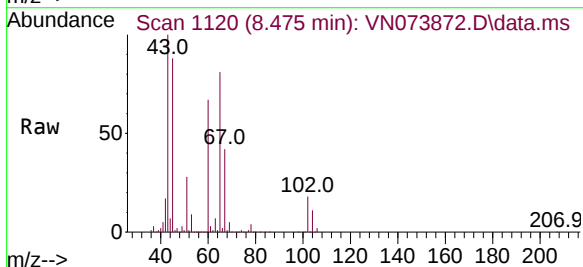
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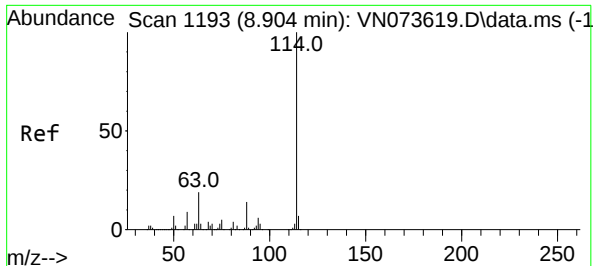
Tgt Ion: 56 Resp: 14345
Ion Ratio Lower Upper
56 100
69 133.4 27.8 41.8#
84 131.2 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 40.355 ug/l
RT: 8.475 min Scan# 1120
Delta R.T. 0.106 min
Lab File: VN073872.D
Acq: 13 Aug 2022 16:50

Tgt Ion: 65 Resp: 298536
Ion Ratio Lower Upper
65 100
67 52.5 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.980 min Scan# 11

Delta R.T. 0.076 min

Lab File: VN073872.D

Acq: 13 Aug 2022 16:50

Instrument :

MSVOA_N

ClientSampleId :

FMC-0071

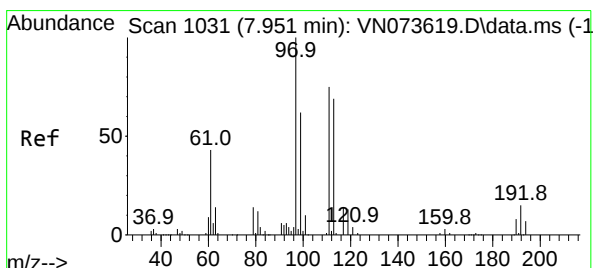
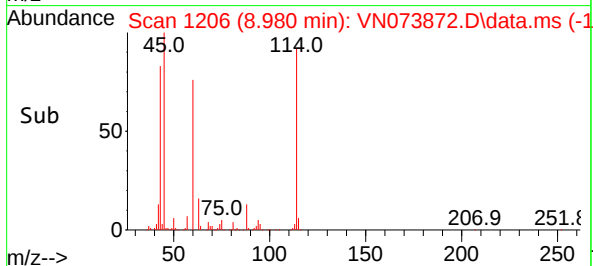
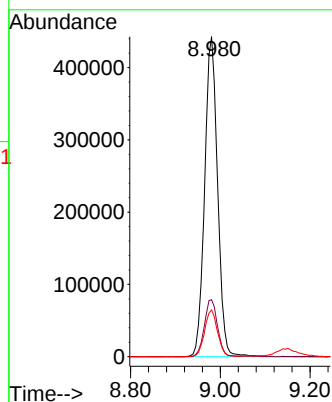
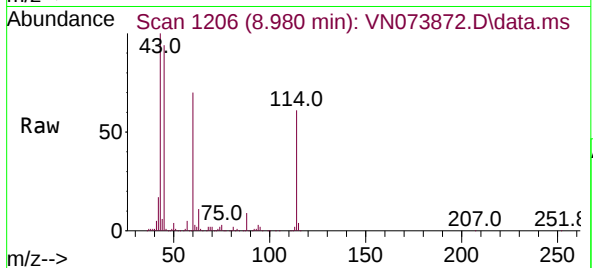
Tgt Ion:114 Resp: 884113

Ion Ratio Lower Upper

114 100

63 17.8 0.0 40.0

88 14.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 52.358 ug/l

RT: 8.069 min Scan# 1051

Delta R.T. 0.118 min

Lab File: VN073872.D

Acq: 13 Aug 2022 16:50

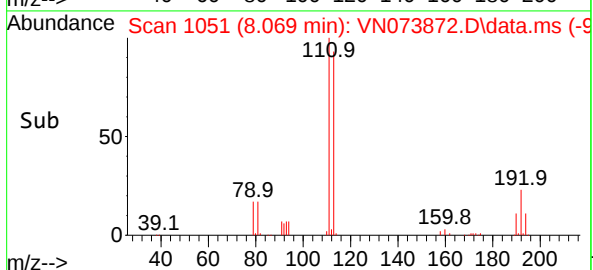
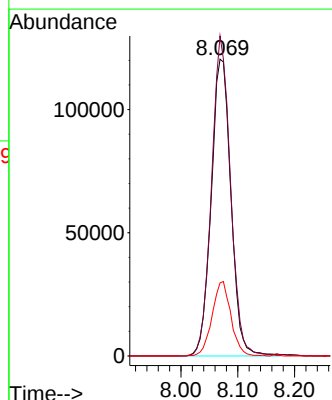
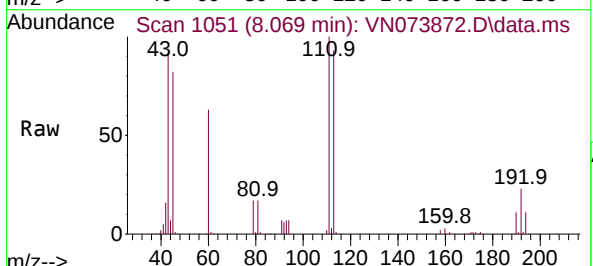
Tgt Ion:113 Resp: 290677

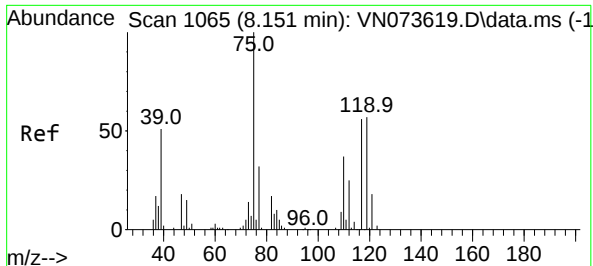
Ion Ratio Lower Upper

113 100

111 103.6 81.4 122.0

192 24.0 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.822 ug/l

RT: 8.128 min Scan# 1061

Delta R.T. -0.024 min

Lab File: VN073872.D

Acq: 13 Aug 2022 16:50

Instrument :

MSVOA_N

ClientSampleId :

FMC-0071

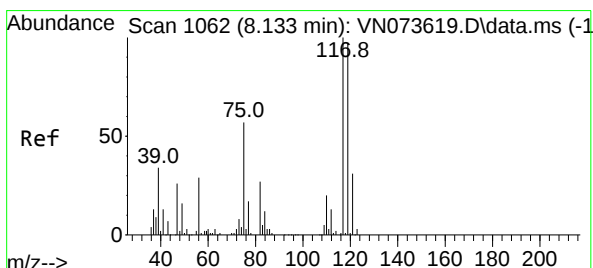
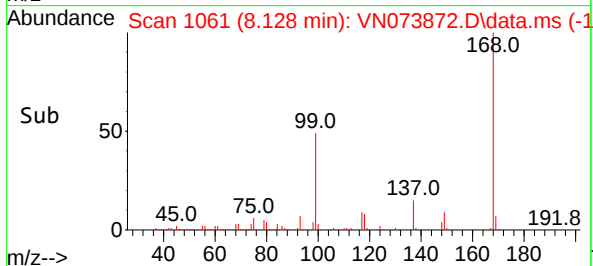
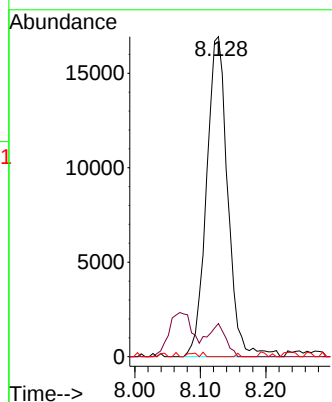
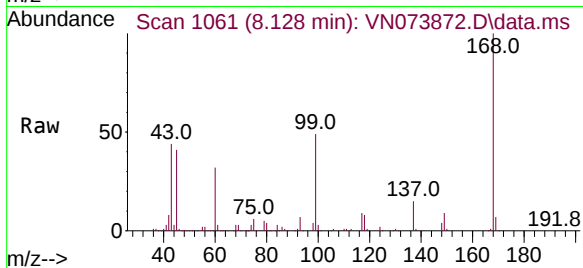
Tgt Ion: 75 Resp: 38150

Ion Ratio Lower Upper

75 100

110 9.0 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.373 ug/l

RT: 8.122 min Scan# 1060

Delta R.T. -0.012 min

Lab File: VN073872.D

Acq: 13 Aug 2022 16:50

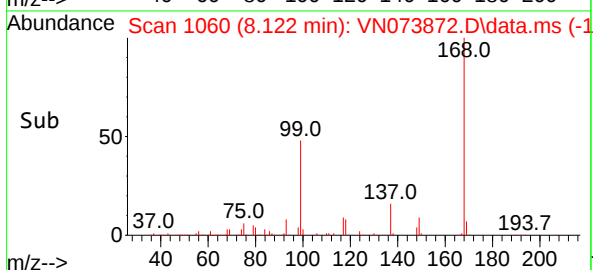
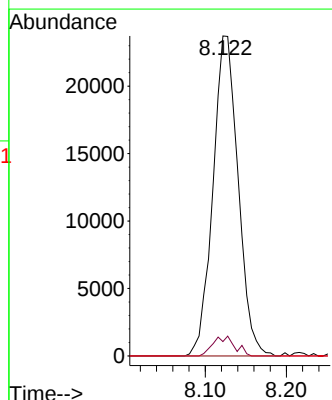
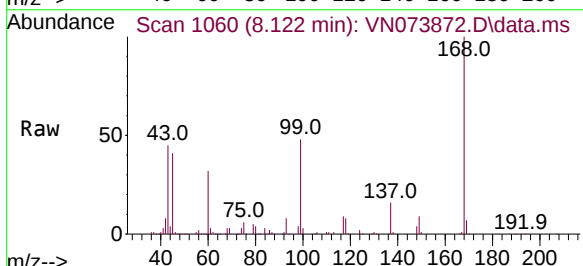
Tgt Ion: 117 Resp: 51213

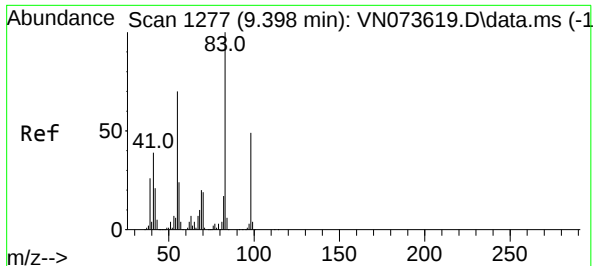
Ion Ratio Lower Upper

117 100

119 4.5 75.8 113.8#

121 0.0 24.6 37.0#





#39

Methylcyclohexane

Concen: 0.916 ug/l

RT: 9.463 min Scan# 1123

Delta R.T. 0.065 min

Lab File: VN073872.D

Acq: 13 Aug 2022 16:50

Instrument :

MSVOA_N

ClientSampleId :

FMC-0071

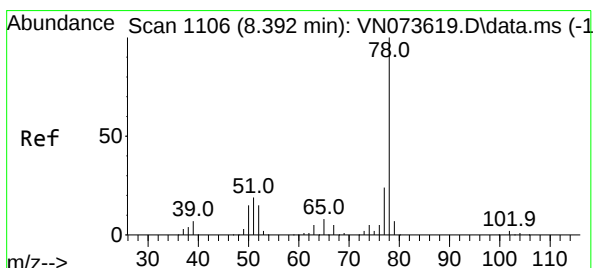
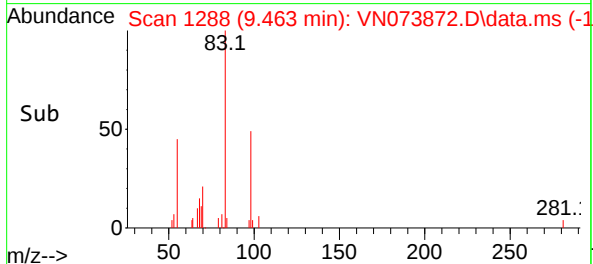
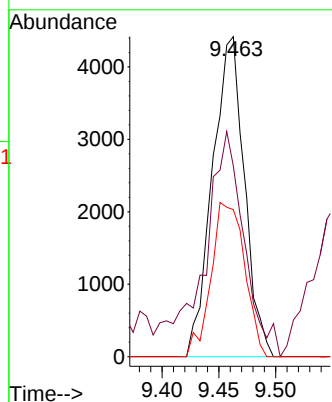
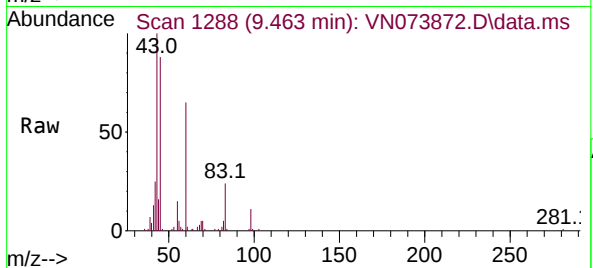
Tgt Ion: 83 Resp: 8662

Ion Ratio Lower Upper

83 100

55 59.6 57.8 86.8

98 46.0 39.4 59.2



#40

Benzene

Concen: 1.034 ug/l

RT: 8.492 min Scan# 1123

Delta R.T. 0.100 min

Lab File: VN073872.D

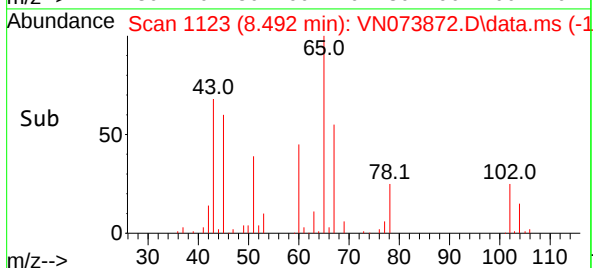
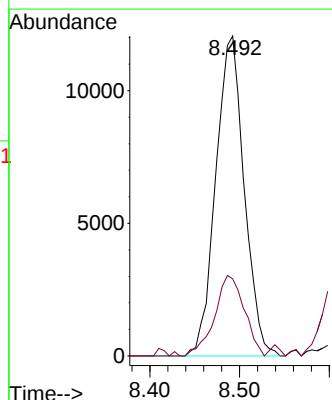
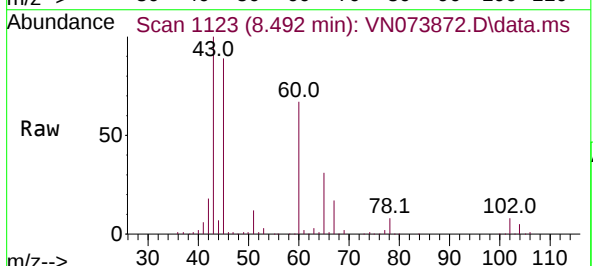
Acq: 13 Aug 2022 16:50

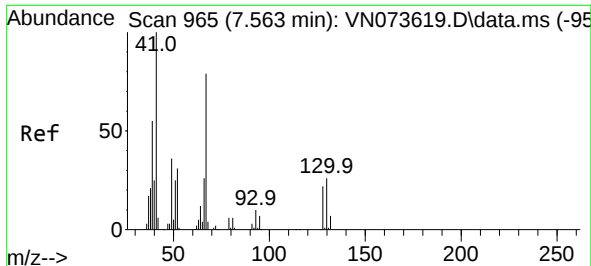
Tgt Ion: 78 Resp: 26564

Ion Ratio Lower Upper

78 100

77 24.1 19.4 29.0

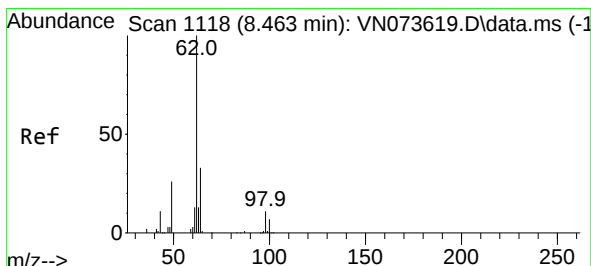
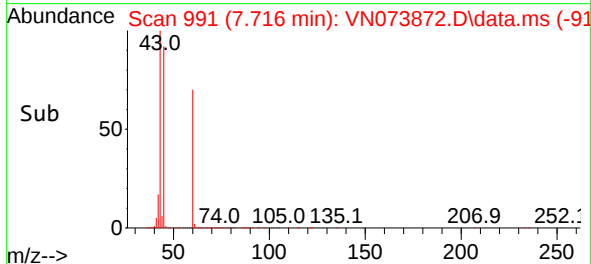
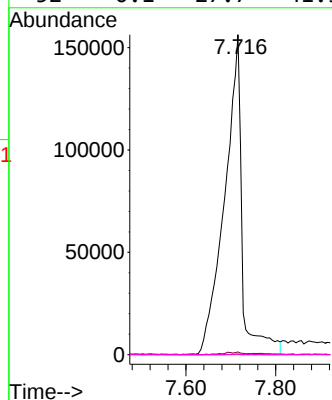
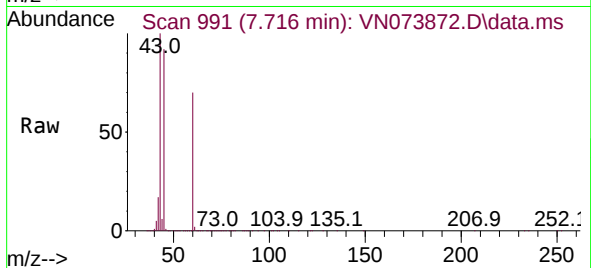




#41
Methacrylonitrile
Concen: 90.055 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.153 min
Lab File: VN073872.D
Acq: 13 Aug 2022 16:50

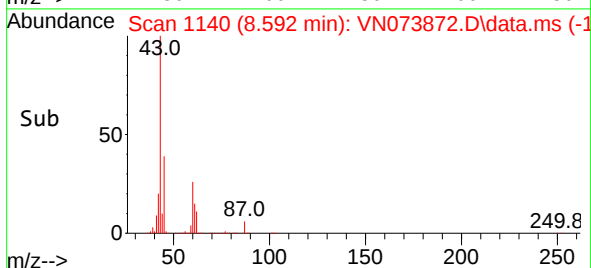
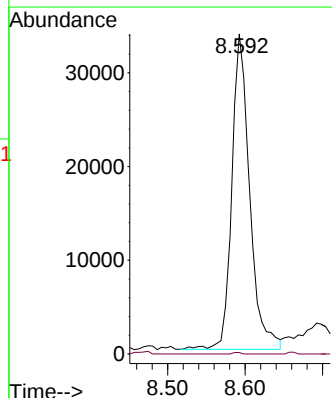
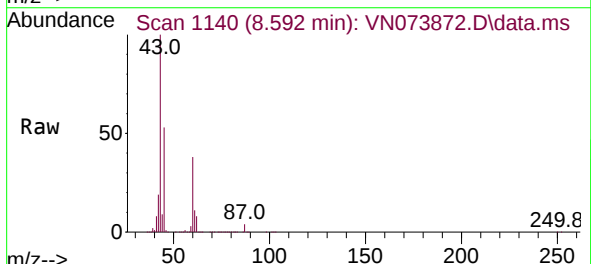
Instrument :
MSVOA_N
ClientSampleId :
FMC-0071

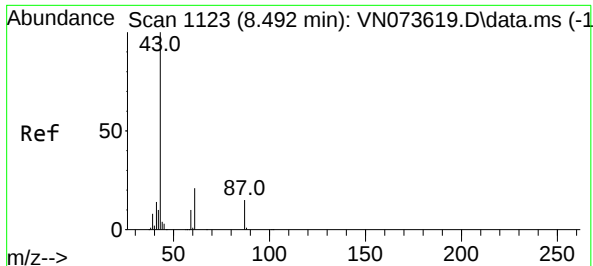
Tgt Ion: 41 Resp: 424634
Ion Ratio Lower Upper
41 100
39 0.2 48.6 73.0#
67 0.1 73.4 110.2#
52 0.1 27.7 41.5#



#42
1,2-Dichloroethane
Concen: 6.228 ug/l
RT: 8.592 min Scan# 1140
Delta R.T. 0.129 min
Lab File: VN073872.D
Acq: 13 Aug 2022 16:50

Tgt Ion: 62 Resp: 53929
Ion Ratio Lower Upper
62 100
98 0.2 0.0 19.4





#43

Isopropyl Acetate

Concen: 55.354 ug/l

RT: 8.592 min Scan# 1123

Delta R.T. 0.100 min

Lab File: VN073872.D

Acq: 13 Aug 2022 16:50

Instrument :

MSVOA_N

ClientSampleId :

FMC-0071

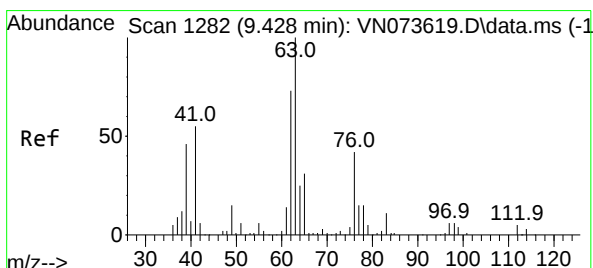
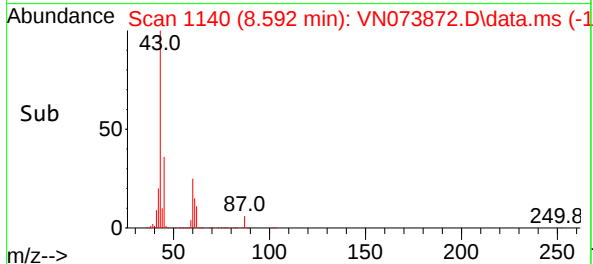
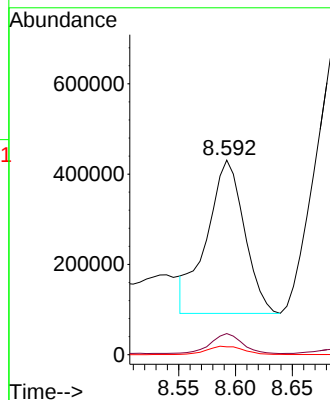
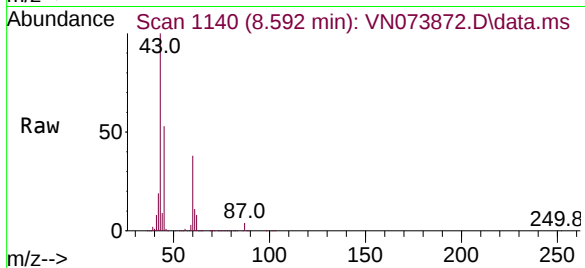
Tgt Ion: 43 Resp: 779102

Ion Ratio Lower Upper

43 100

61 11.4 21.9 32.9#

87 5.7 12.0 18.0#



#45

1,2-Dichloropropane

Concen: 0.455 ug/l

RT: 9.622 min Scan# 1315

Delta R.T. 0.194 min

Lab File: VN073872.D

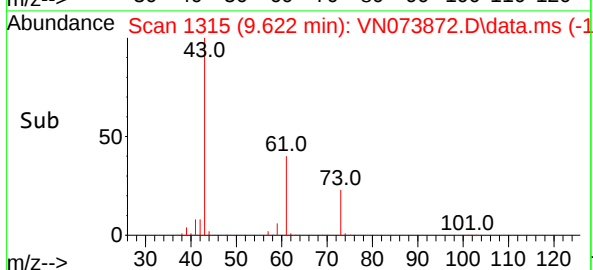
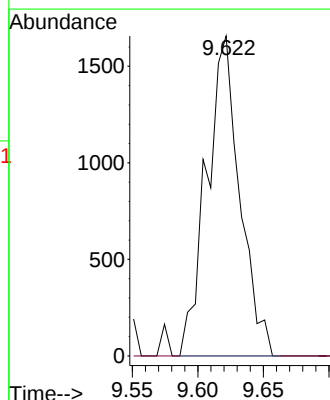
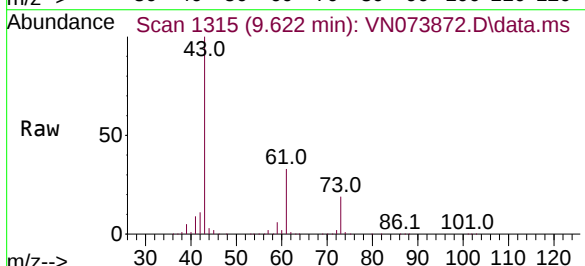
Acq: 13 Aug 2022 16:50

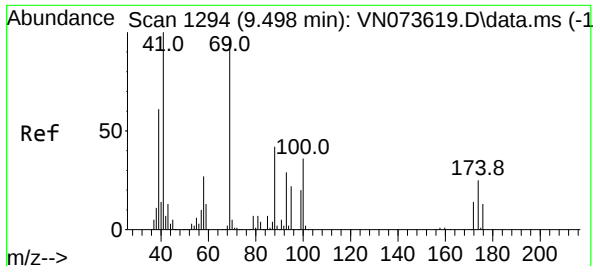
Tgt Ion: 63 Resp: 2922

Ion Ratio Lower Upper

63 100

65 0.0 24.9 37.3#





#48

Methyl methacrylate

Concen: 2.343 ug/l

RT: 9.551 min Scan# 11

Delta R.T. 0.053 min

Lab File: VN073872.D

Acq: 13 Aug 2022 16:50

Instrument :

MSVOA_N

ClientSampleId :

FMC-0071

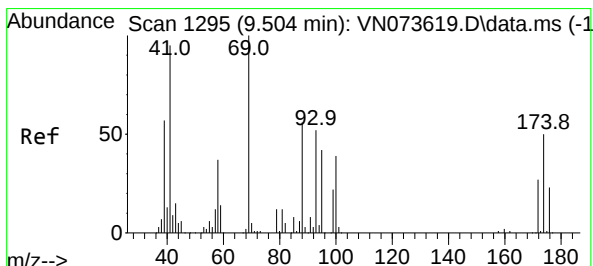
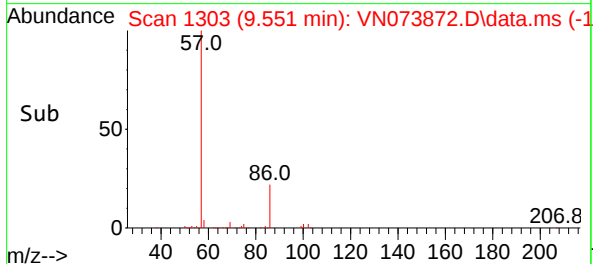
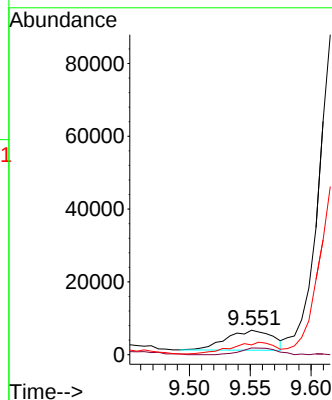
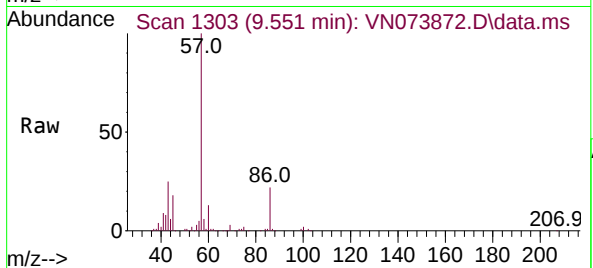
Tgt Ion: 41 Resp: 14437

Ion Ratio Lower Upper

41 100

69 26.1 74.7 112.1#

39 54.3 45.6 68.4



#49

1,4-Dioxane

Concen: 4.733 ug/l

RT: 9.563 min Scan# 1305

Delta R.T. 0.059 min

Lab File: VN073872.D

Acq: 13 Aug 2022 16:50

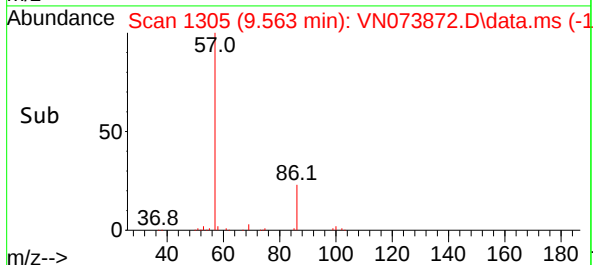
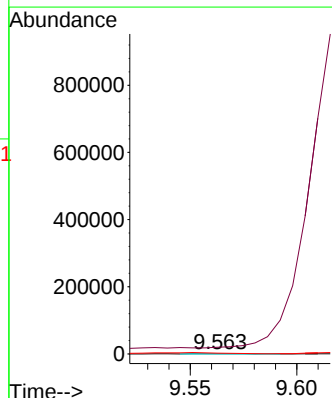
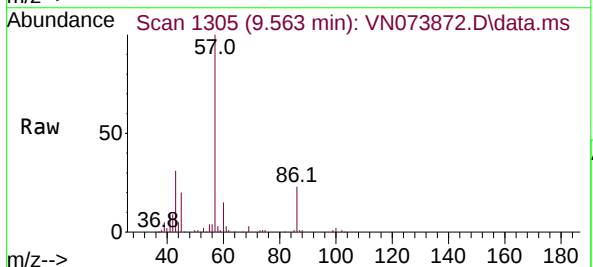
Tgt Ion: 88 Resp: 822

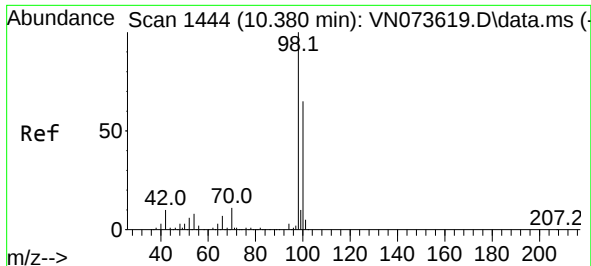
Ion Ratio Lower Upper

88 100

43 0.0 20.2 30.4#

58 1345.7 54.2 81.4#

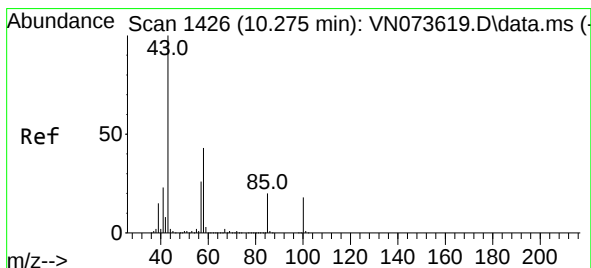
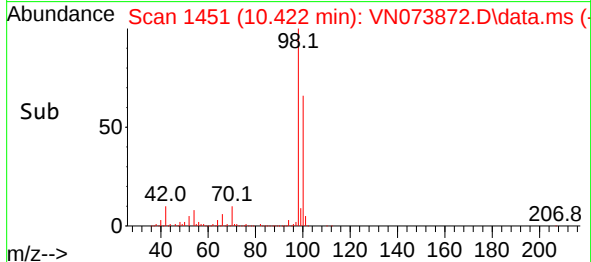
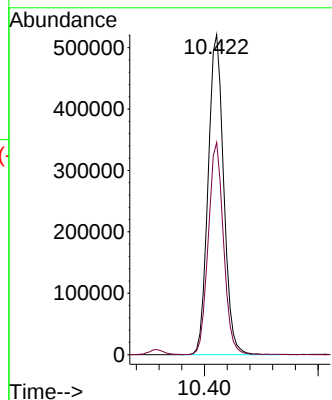
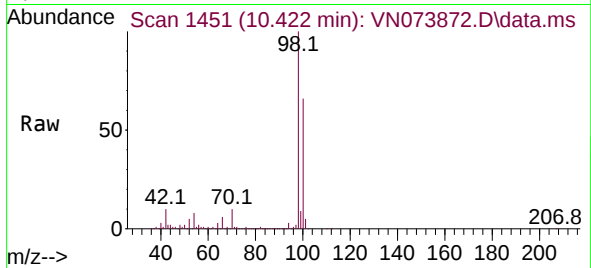




#50
Toluene-d8
Concen: 45.107 ug/l
RT: 10.422 min Scan# 1444
Delta R.T. 0.041 min
Lab File: VN073872.D
Acq: 13 Aug 2022 16:50

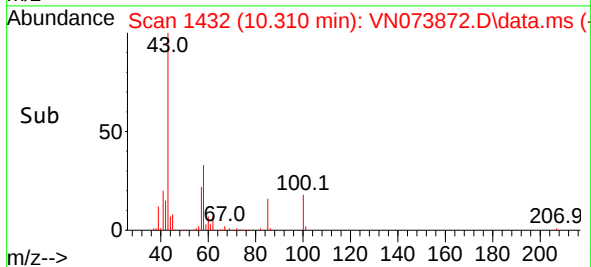
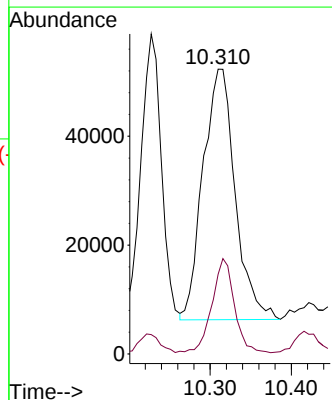
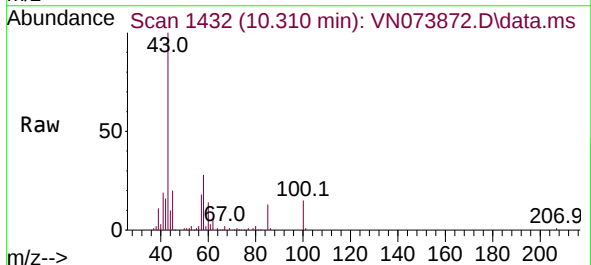
Instrument :
MSVOA_N
ClientSampleId :
FMC-0071

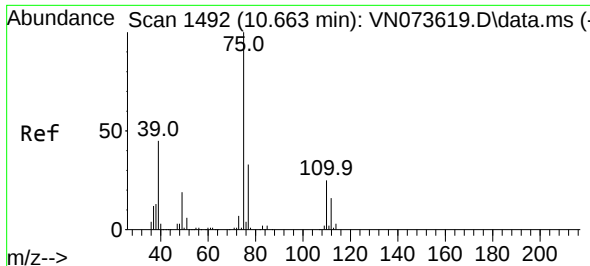
Tgt Ion: 98 Resp: 985431
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 12.580 ug/l
RT: 10.310 min Scan# 1432
Delta R.T. 0.035 min
Lab File: VN073872.D
Acq: 13 Aug 2022 16:50

Tgt Ion: 43 Resp: 126995
Ion Ratio Lower Upper
43 100
58 26.4 34.1 51.1#

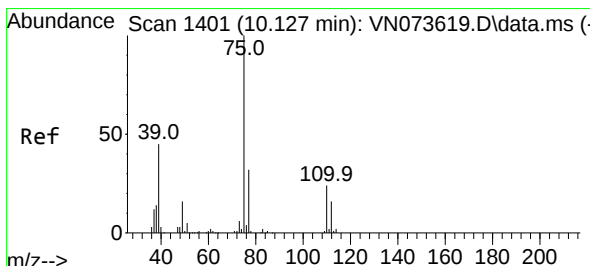
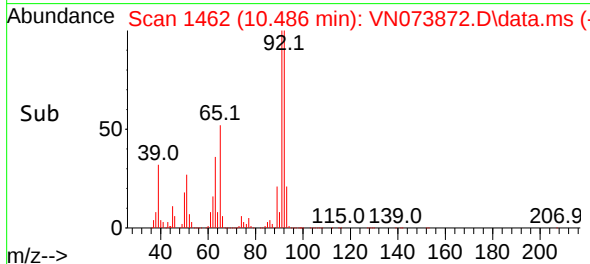
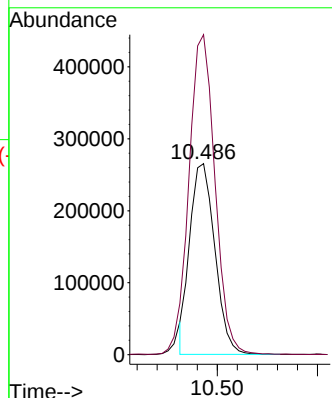
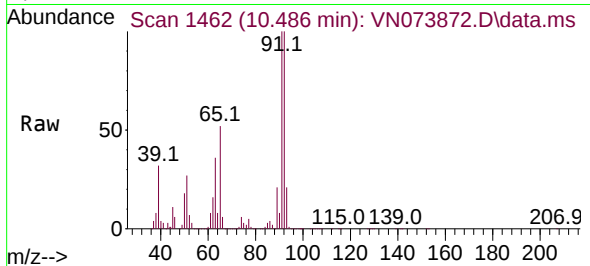




#53
t-1,3-Dichloropropene
Concen: 54.321 ug/l
RT: 10.486 min Scan# 1418
Delta R.T. -0.176 min
Lab File: VN073872.D
Acq: 13 Aug 2022 16:50

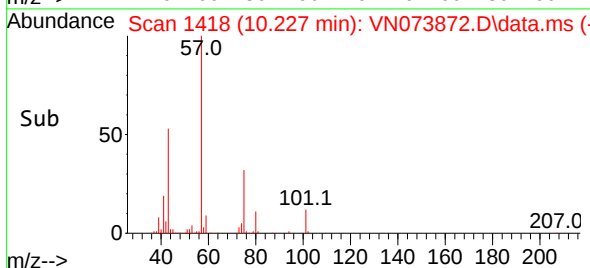
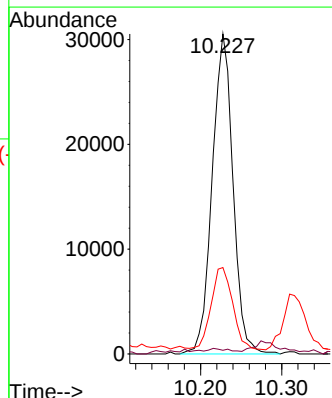
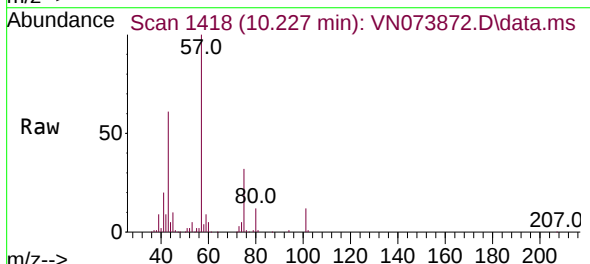
Instrument :
MSVOA_N
ClientSampleId :
FMC-0071

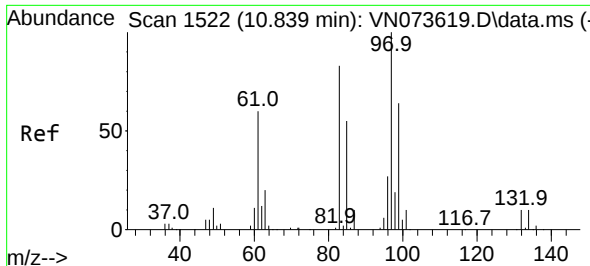
Tgt Ion: 75 Resp: 459092
Ion Ratio Lower Upper
75 100
77 167.5 25.6 38.4#



#54
cis-1,3-Dichloropropene
Concen: 5.714 ug/l
RT: 10.227 min Scan# 1418
Delta R.T. 0.100 min
Lab File: VN073872.D
Acq: 13 Aug 2022 16:50

Tgt Ion: 75 Resp: 54417
Ion Ratio Lower Upper
75 100
77 0.5 25.2 37.8#
39 24.6 35.7 53.5#

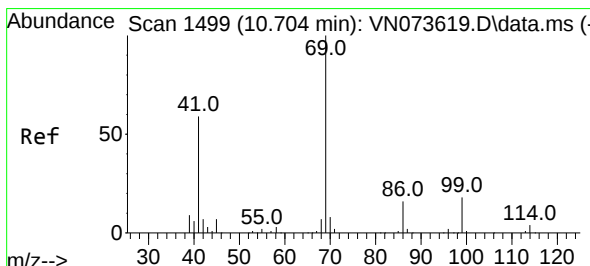
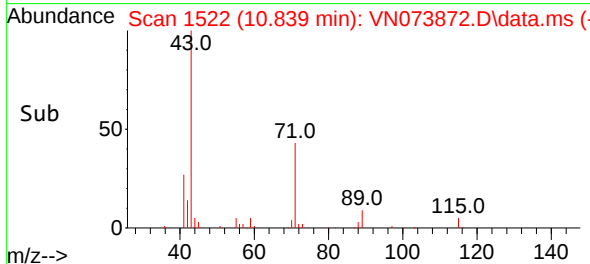
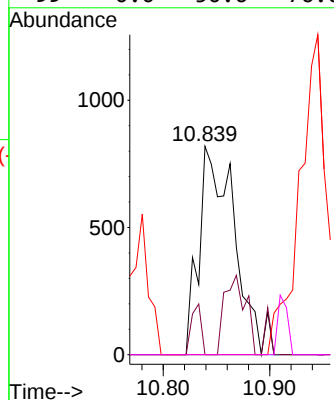
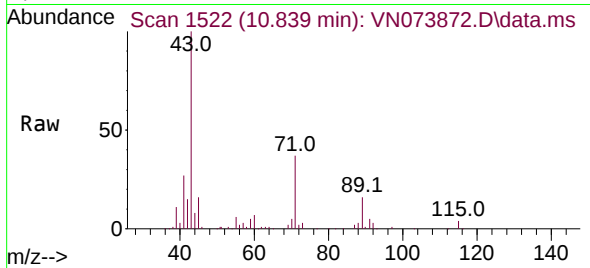




#55
1,1,2-Trichloroethane
Concen: 0.292 ug/l
RT: 10.839 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VN073872.D
Acq: 13 Aug 2022 16:50

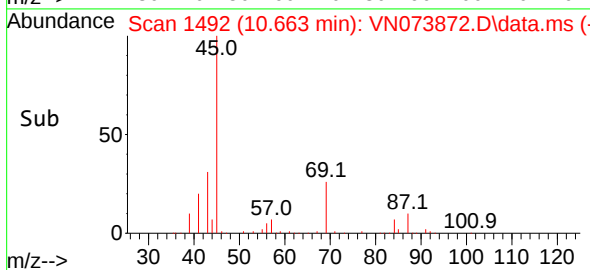
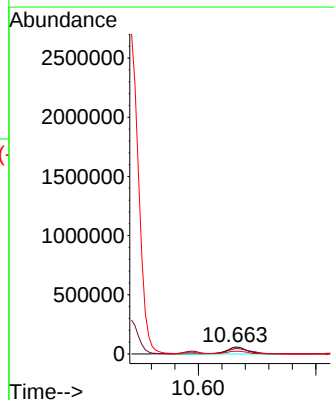
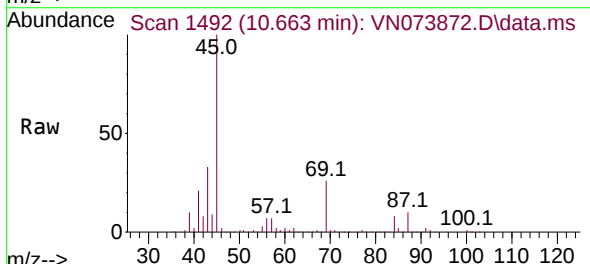
Instrument :
MSVOA_N
ClientSampleId :
FMC-0071

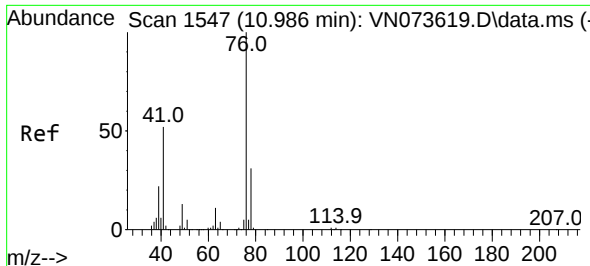
Tgt Ion:	97	Resp:	1910
Ion	Ratio	Lower	Upper
97	100		
83	0.0	66.2	99.4#
85	0.0	43.9	65.9#
99	0.0	50.6	76.0#



#56
Ethyl methacrylate
Concen: 15.429 ug/l
RT: 10.663 min Scan# 1492
Delta R.T. -0.041 min
Lab File: VN073872.D
Acq: 13 Aug 2022 16:50

Tgt Ion:	69	Resp:	139174
Ion	Ratio	Lower	Upper
69	100		
41	86.8	47.8	71.6#
39	0.0	27.3	40.9#





#57

1,3-Dichloropropane

Concen: 0.619 ug/l

RT: 11.057 min Scan# 11

Delta R.T. 0.071 min

Lab File: VN073872.D

Acq: 13 Aug 2022 16:50

Instrument :

MSVOA_N

ClientSampleId :

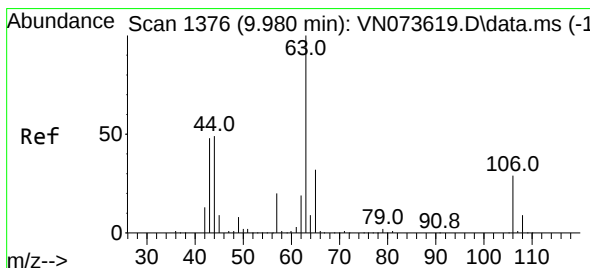
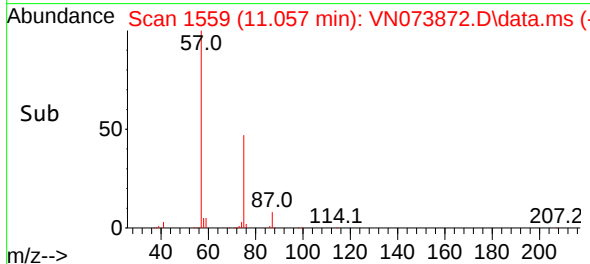
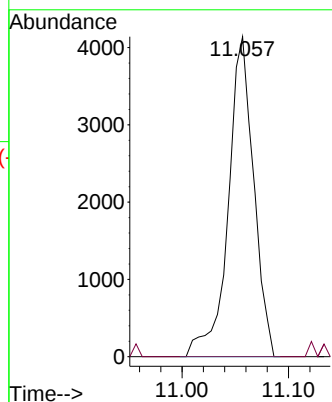
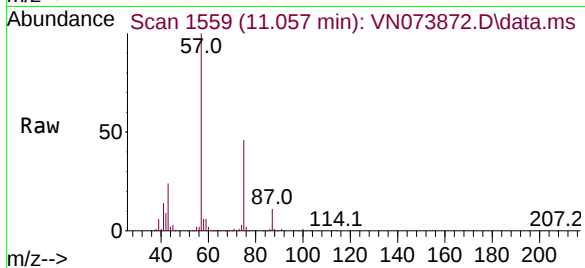
FMC-0071

Tgt Ion: 76 Resp: 6876

Ion Ratio Lower Upper

76 100

78 0.0 26.2 39.2#



#58

2-Chloroethyl Vinyl ether

Concen: 9.980 ug/l

RT: 10.033 min Scan# 1385

Delta R.T. 0.053 min

Lab File: VN073872.D

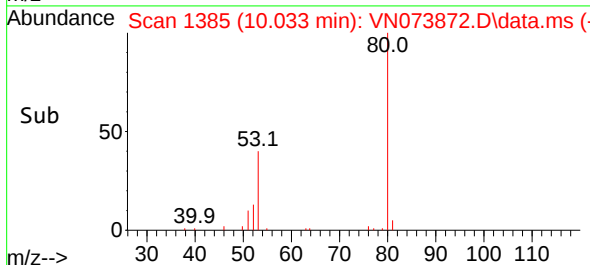
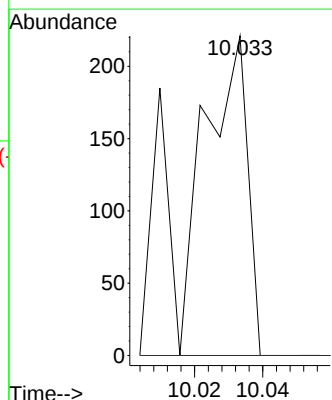
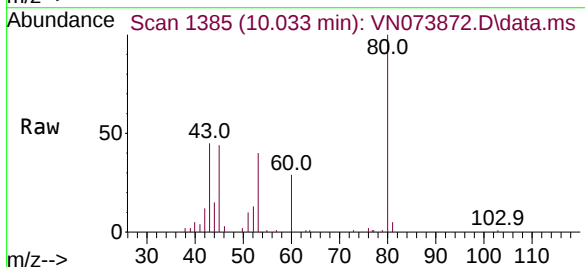
Acq: 13 Aug 2022 16:50

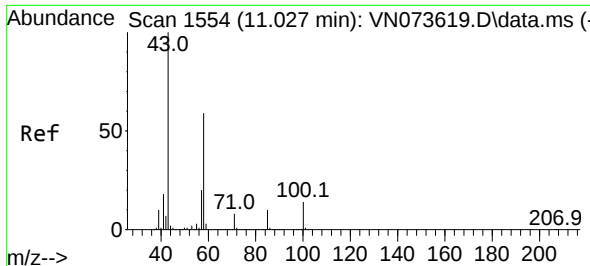
Tgt Ion: 63 Resp: 192

Ion Ratio Lower Upper

63 100

106 0.0 24.6 36.8#

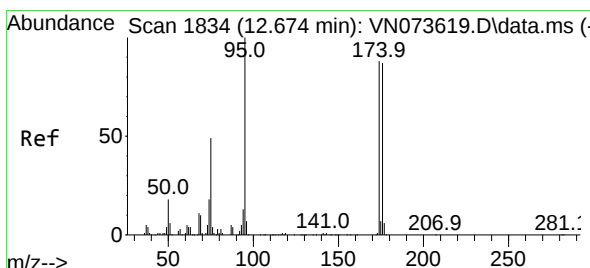
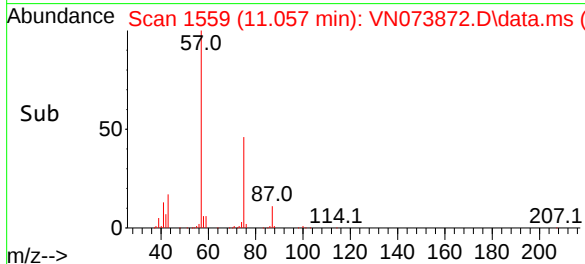
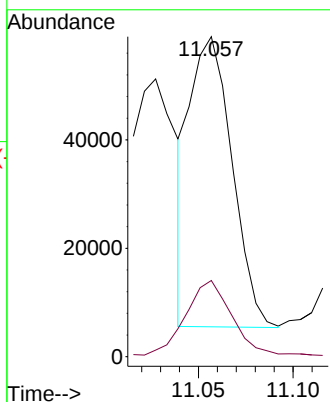
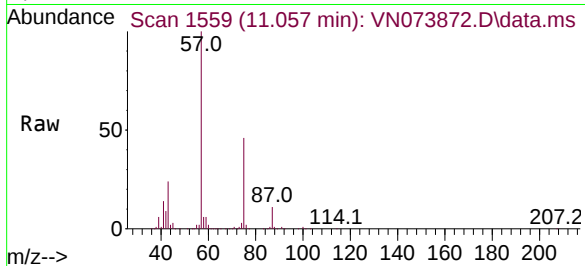




#59
2-Hexanone
Concen: 10.923 ug/l
RT: 11.057 min Scan# 11
Delta R.T. 0.030 min
Lab File: VN073872.D
Acq: 13 Aug 2022 16:50

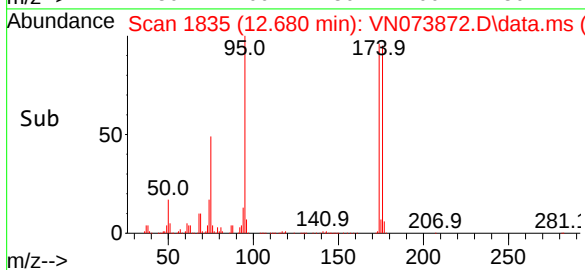
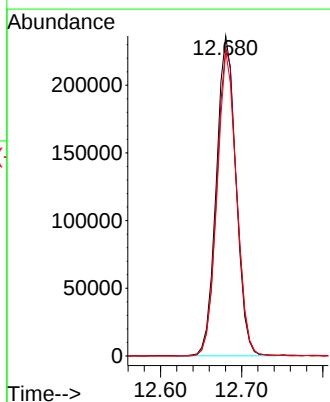
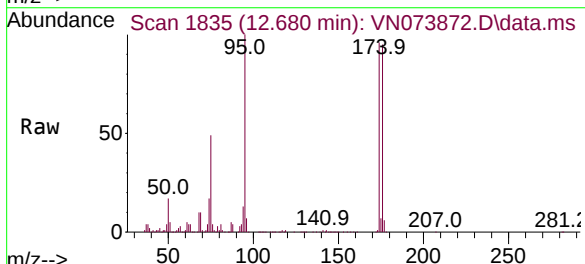
Instrument :
MSVOA_N
ClientSampleId :
FMC-0071

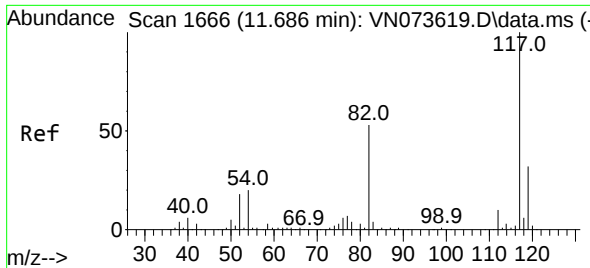
Tgt Ion: 43 Resp: 83543
Ion Ratio Lower Upper
43 100
58 30.2 29.7 89.1



#62
4-Bromofluorobenzene
Concen: 51.617 ug/l
RT: 12.680 min Scan# 1835
Delta R.T. 0.006 min
Lab File: VN073872.D
Acq: 13 Aug 2022 16:50

Tgt Ion: 95 Resp: 396584
Ion Ratio Lower Upper
95 100
174 97.1 0.0 167.6
176 94.5 0.0 163.4

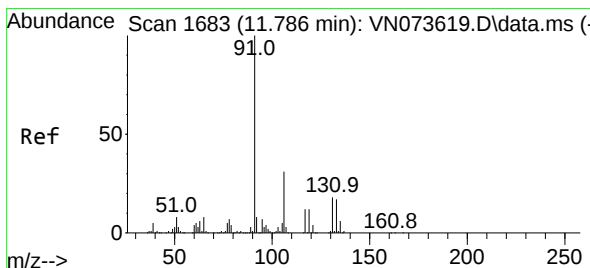
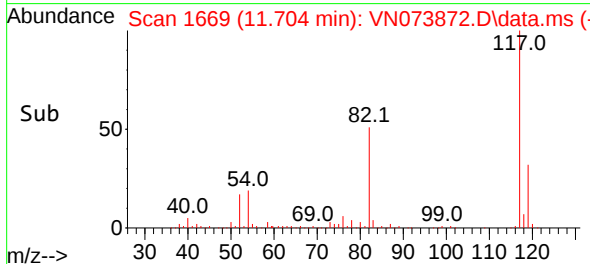
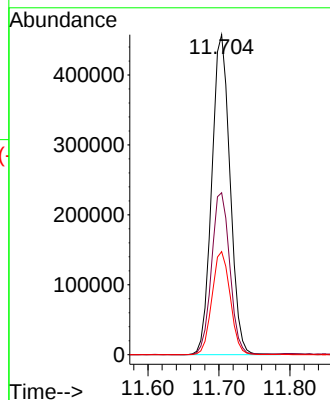
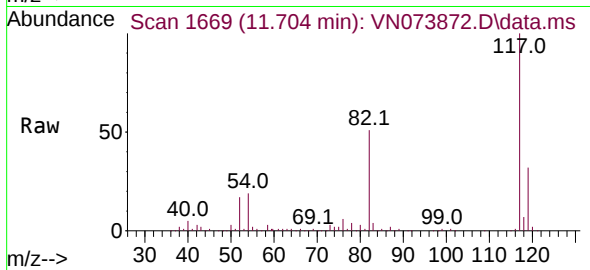




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.704 min Scan# 1669
Delta R.T. 0.018 min
Lab File: VN073872.D
Acq: 13 Aug 2022 16:50

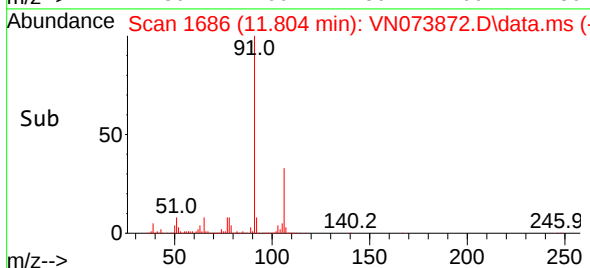
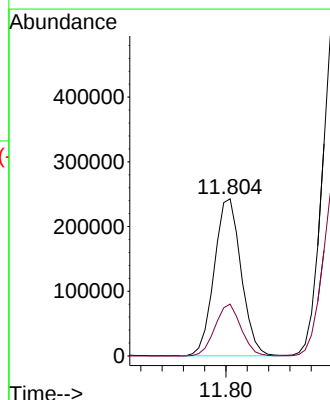
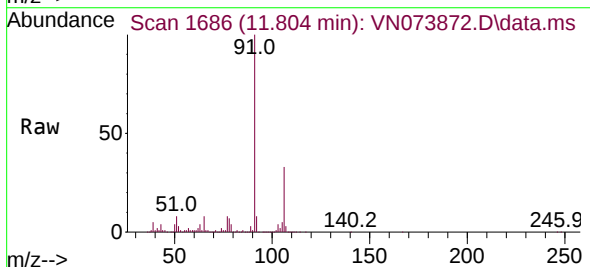
Instrument :
MSVOA_N
ClientSampleId :
FMC-0071

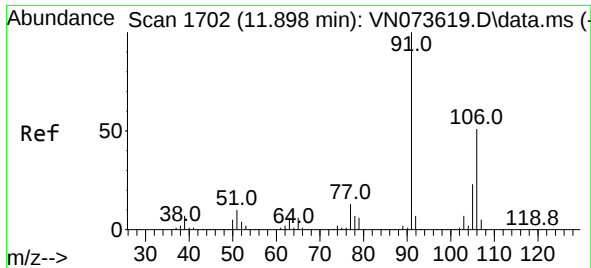
Tgt Ion:117 Resp: 814112
Ion Ratio Lower Upper
117 100
82 50.6 44.2 66.2
119 32.2 25.4 38.0



#67
Ethyl Benzene
Concen: 14.566 ug/l
RT: 11.804 min Scan# 1686
Delta R.T. 0.018 min
Lab File: VN073872.D
Acq: 13 Aug 2022 16:50

Tgt Ion: 91 Resp: 424942
Ion Ratio Lower Upper
91 100
106 33.0 24.9 37.3

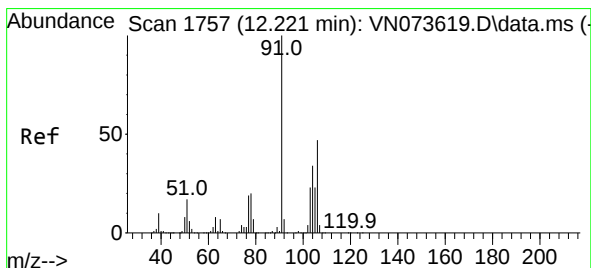
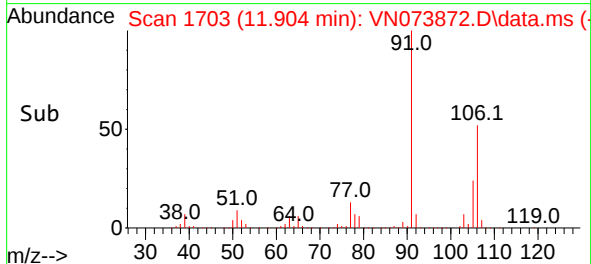
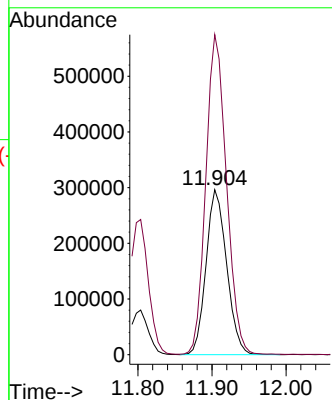
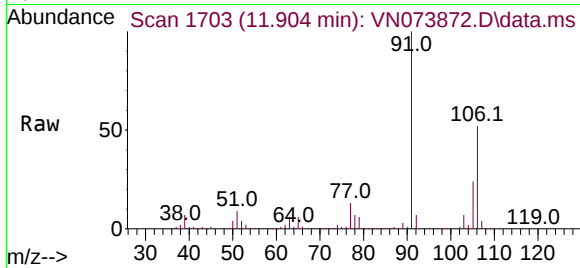




#68
m/p-Xylenes
Concen: 51.513 ug/l
RT: 11.904 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN073872.D
Acq: 13 Aug 2022 16:50

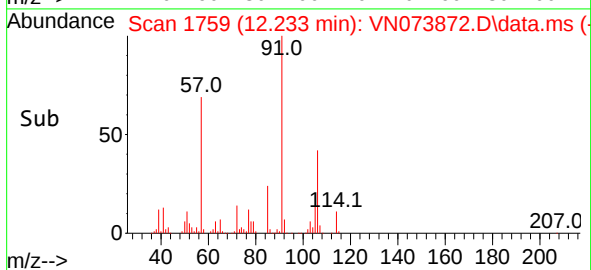
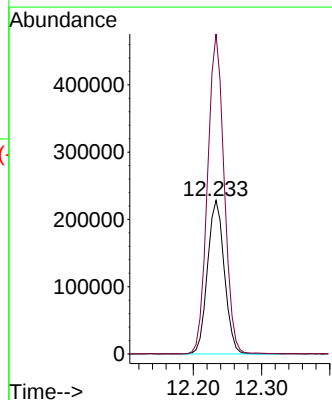
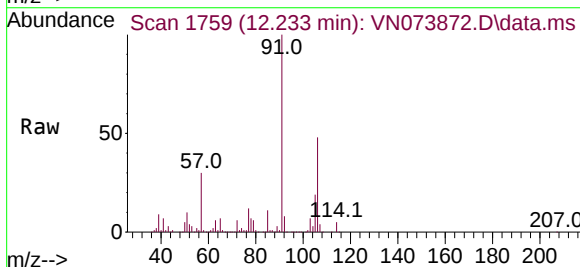
Instrument :
MSVOA_N
ClientSampleId :
FMC-0071

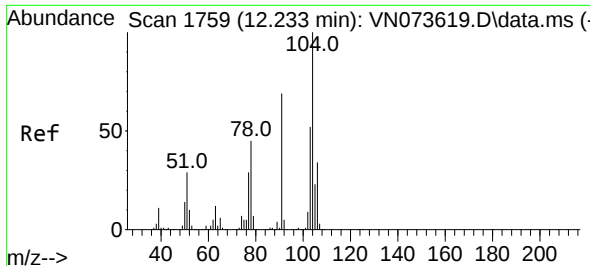
Tgt Ion:106 Resp: 573171
Ion Ratio Lower Upper
106 100
91 194.1 158.9 238.3



#69
o-Xylene
Concen: 36.145 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.012 min
Lab File: VN073872.D
Acq: 13 Aug 2022 16:50

Tgt Ion:106 Resp: 392088
Ion Ratio Lower Upper
106 100
91 205.2 106.0 318.0

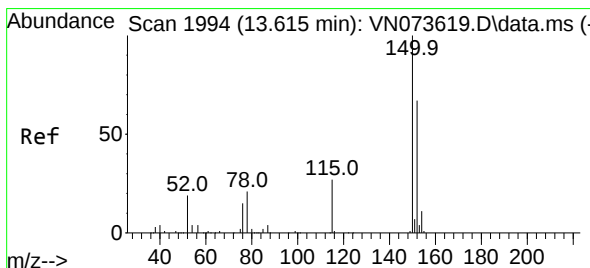
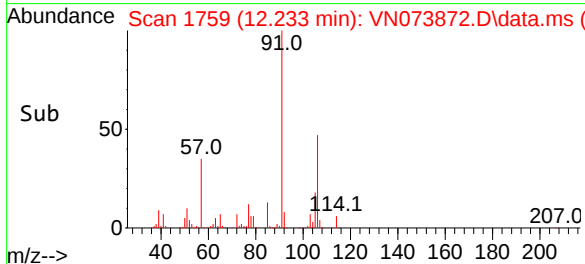
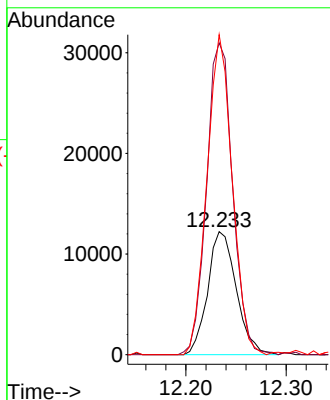
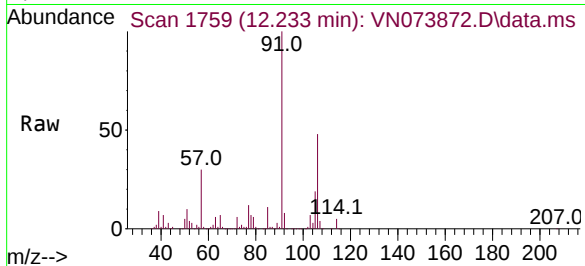




#70
Styrene
Concen: 1.391 ug/l
RT: 12.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073872.D
Acq: 13 Aug 2022 16:50

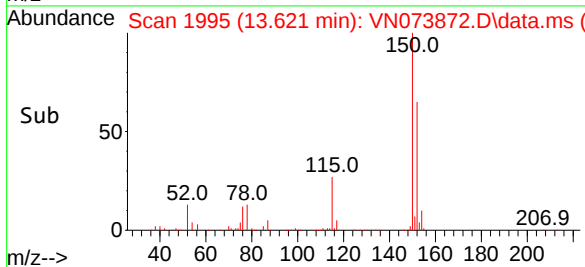
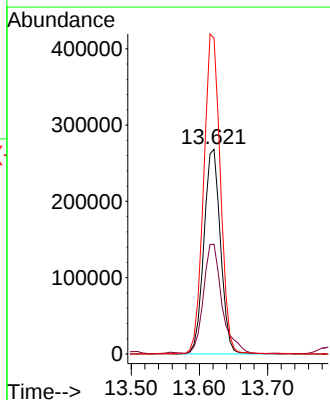
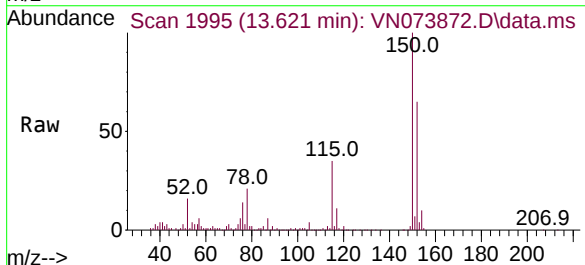
Instrument :
MSVOA_N
ClientSampleId :
FMC-0071

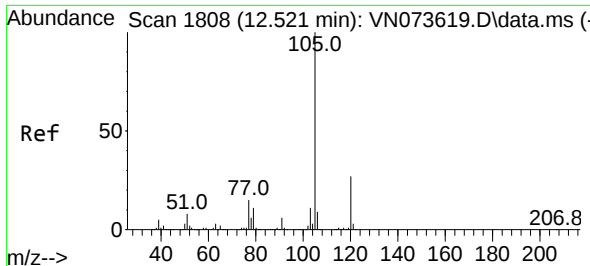
Tgt Ion:104 Resp: 24157
Ion Ratio Lower Upper
104 100
78 232.4 39.5 59.3#
103 230.3 44.0 66.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.621 min Scan# 1995
Delta R.T. 0.006 min
Lab File: VN073872.D
Acq: 13 Aug 2022 16:50

Tgt Ion:152 Resp: 454305
Ion Ratio Lower Upper
152 100
115 59.7 28.9 86.7
150 156.9 0.0 356.2

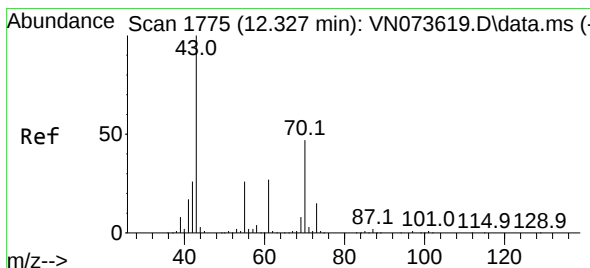
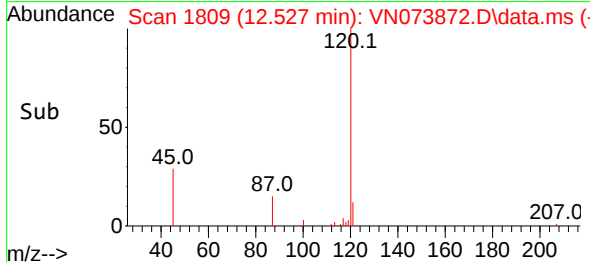
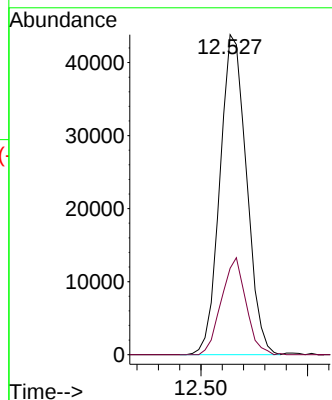
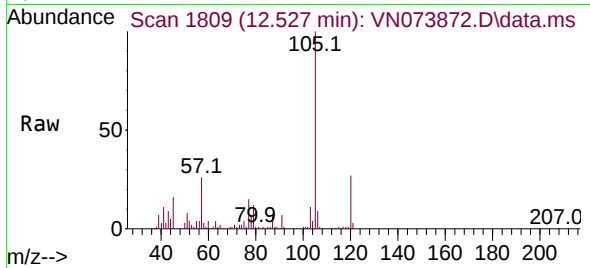




#73
Isopropylbenzene
Concen: 2.281 ug/l
RT: 12.527 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073872.D
Acq: 13 Aug 2022 16:50

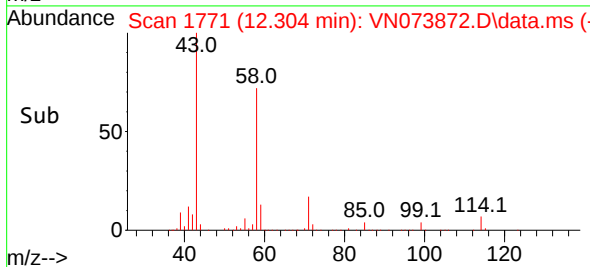
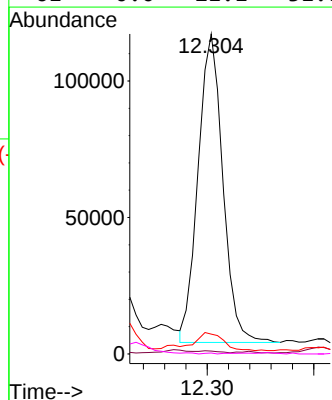
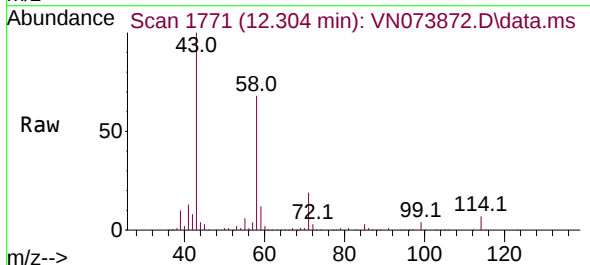
Instrument :
MSVOA_N
ClientSampleId :
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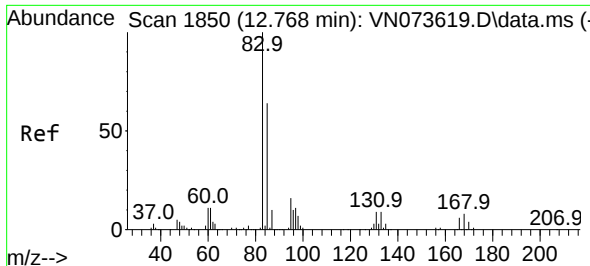
Tgt Ion:105 Resp: 75868
Ion Ratio Lower Upper
105 100
120 28.1 13.5 40.4



#74
N-amy1 acetate
Concen: 14.513 ug/l
RT: 12.304 min Scan# 1771
Delta R.T. -0.024 min
Lab File: VN073872.D
Acq: 13 Aug 2022 16:50

Tgt Ion: 43 Resp: 182364
Ion Ratio Lower Upper
43 100
70 0.0 39.0 58.4#
55 6.5 21.1 31.7#
61 0.0 21.1 31.7#

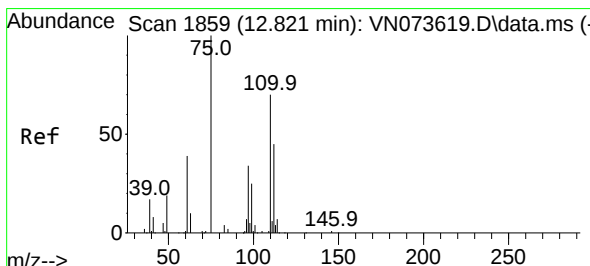
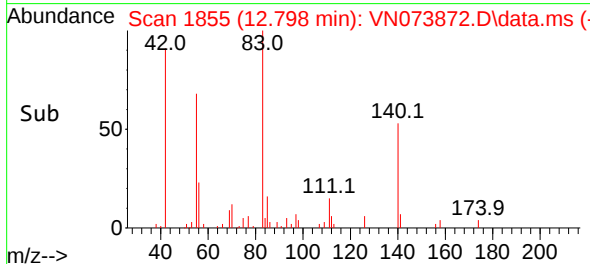
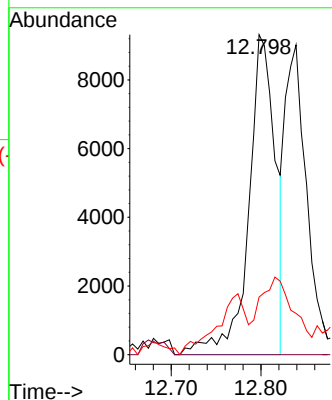
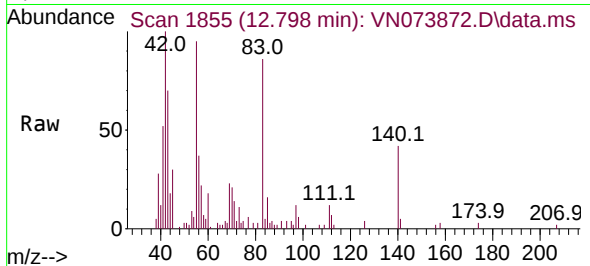




#75
1,1,2,2-Tetrachloroethane
Concen: 1.504 ug/l
RT: 12.798 min Scan# 1835
Delta R.T. 0.029 min
Lab File: VN073872.D
Acq: 13 Aug 2022 16:50

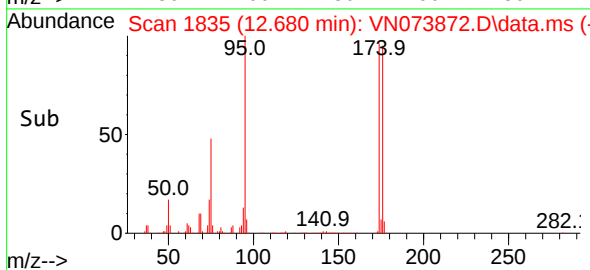
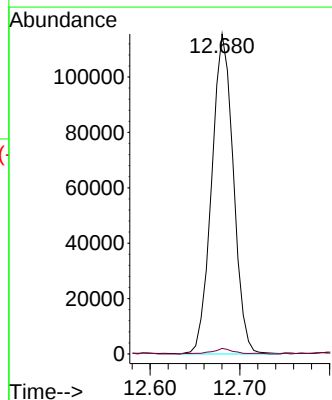
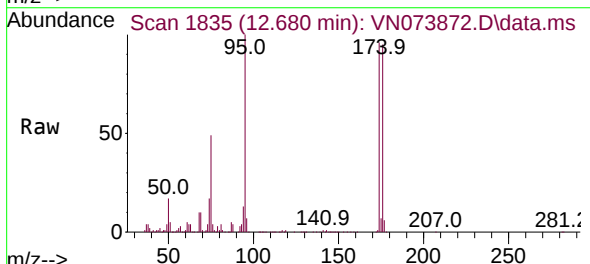
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ClientSampleId :
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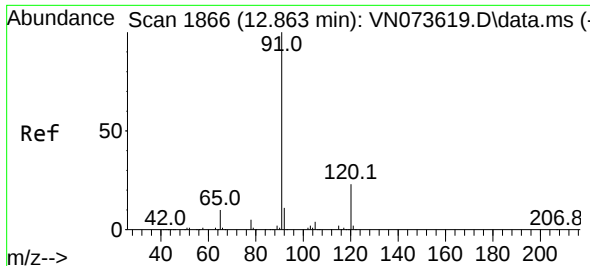
Tgt Ion: 83 Resp: 19300
Ion Ratio Lower Upper
83 100
131 0.0 5.3 15.9#
85 21.6 32.3 96.9#



#76
1,2,3-Trichloropropane
Concen: 21.544 ug/l
RT: 12.680 min Scan# 1835
Delta R.T. -0.141 min
Lab File: VN073872.D
Acq: 13 Aug 2022 16:50

Tgt Ion: 75 Resp: 194569
Ion Ratio Lower Upper
75 100
77 1.8 98.5 295.5#

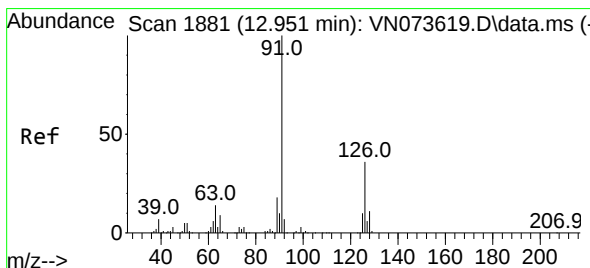
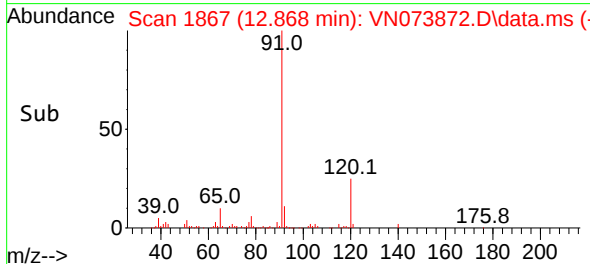
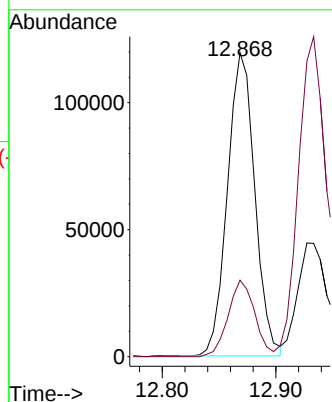
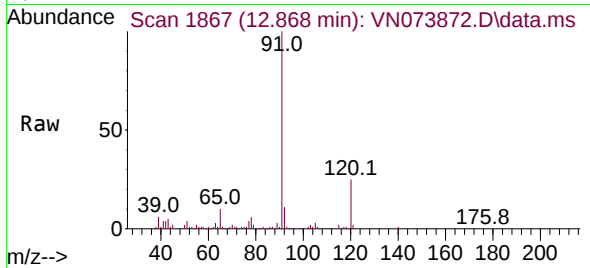




#78
n-propylbenzene
Concen: 5.339 ug/l
RT: 12.868 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VN073872.D
Acq: 13 Aug 2022 16:50

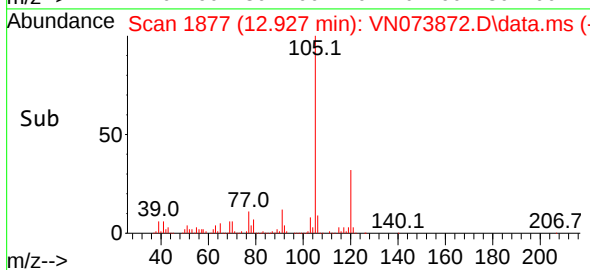
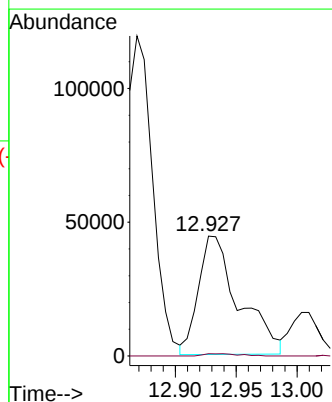
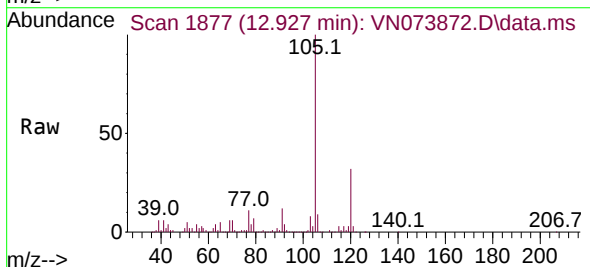
Instrument :
MSVOA_N
ClientSampleId :
FMC-0071

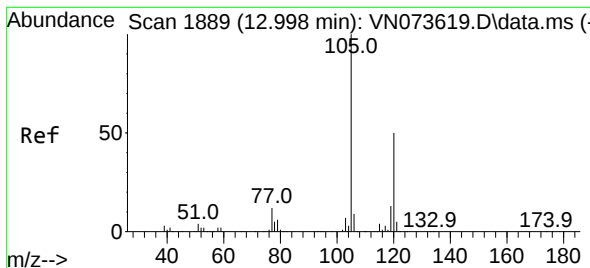
Tgt Ion: 91 Resp: 199767
Ion Ratio Lower Upper
91 100
120 24.5 11.9 35.5



#79
2-Chlorotoluene
Concen: 4.409 ug/l
RT: 12.927 min Scan# 1877
Delta R.T. -0.024 min
Lab File: VN073872.D
Acq: 13 Aug 2022 16:50

Tgt Ion: 91 Resp: 102965
Ion Ratio Lower Upper
91 100
126 1.6 17.3 51.9#





#80

1,3,5-Trimethylbenzene

Concen: 9.249 ug/l

RT: 13.004 min Scan# 1890

Delta R.T. 0.006 min

Lab File: VN073872.D

Acq: 13 Aug 2022 16:50

Instrument :

MSVOA_N

ClientSampleId :

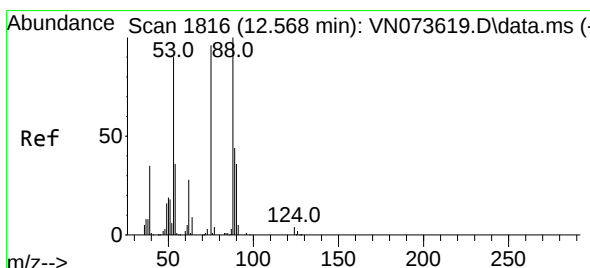
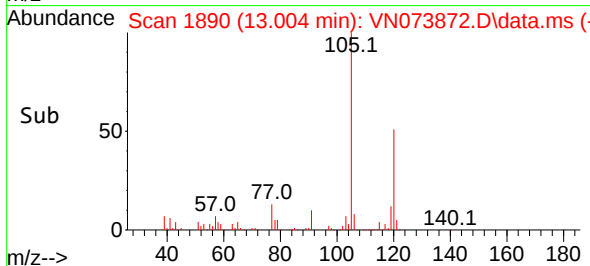
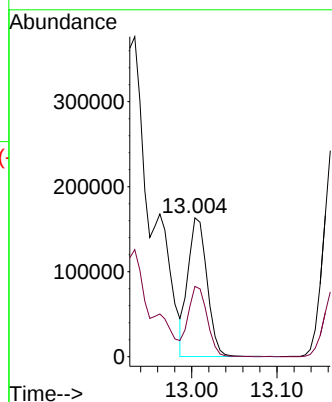
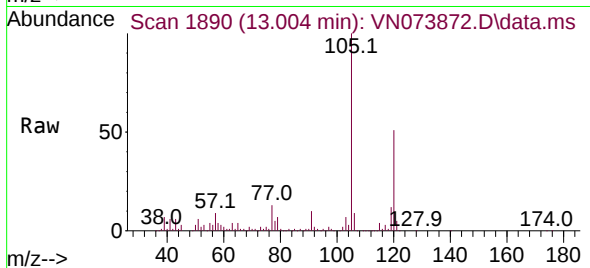
FMC-0071

Tgt Ion:105 Resp: 253121

Ion Ratio Lower Upper

105 100

120 50.3 24.9 74.7



#81

trans-1,4-Dichloro-2-butene

Concen: 55.502 ug/l

RT: 12.680 min Scan# 1835

Delta R.T. 0.112 min

Lab File: VN073872.D

Acq: 13 Aug 2022 16:50

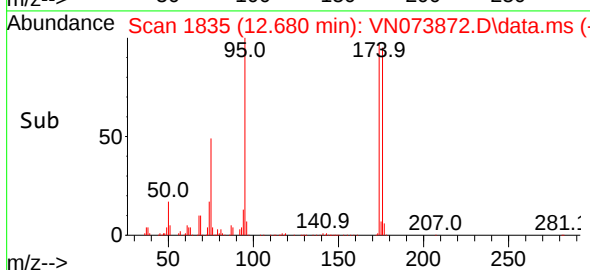
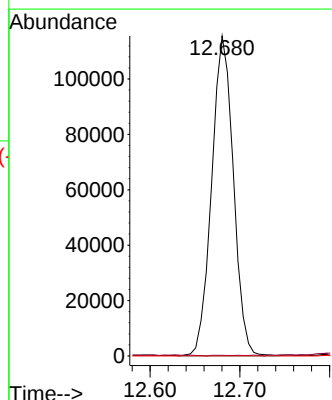
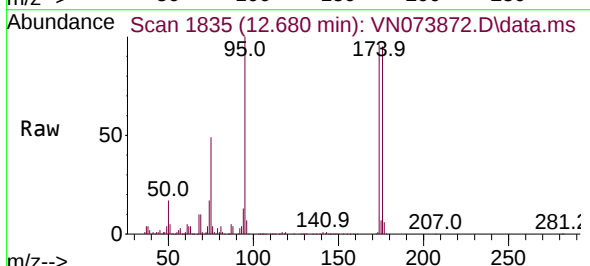
Tgt Ion: 75 Resp: 194569

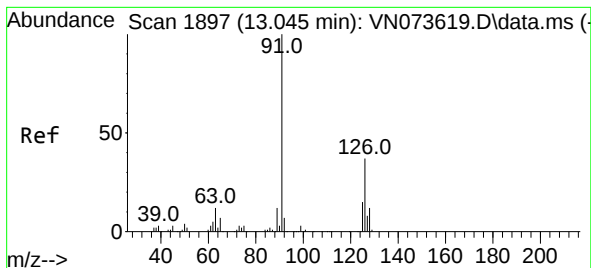
Ion Ratio Lower Upper

75 100

53 0.2 78.0 117.0#

89 0.0 37.2 55.8#





#82

4-Chlorotoluene

Concen: 1.108 ug/l

RT: 13.010 min Scan# 1897

Delta R.T. -0.035 min

Lab File: VN073872.D

Acq: 13 Aug 2022 16:50

Instrument :

MSVOA_N

ClientSampleId :

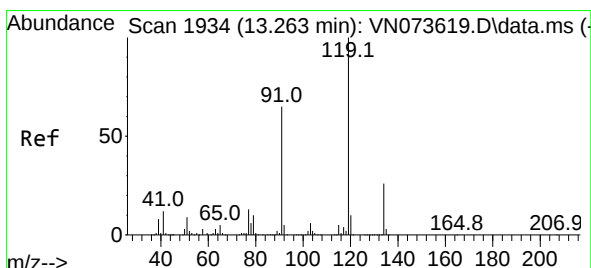
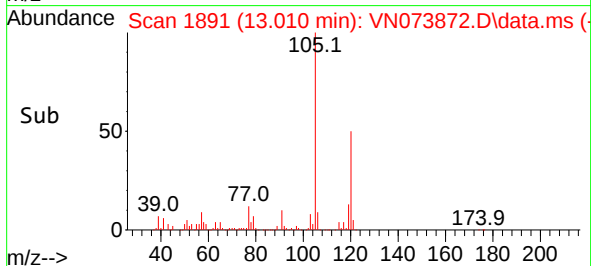
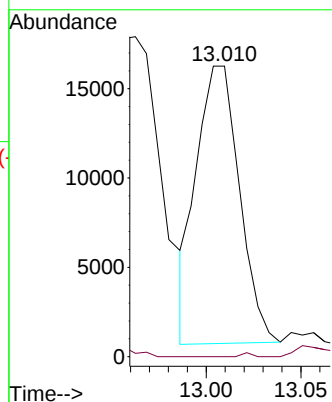
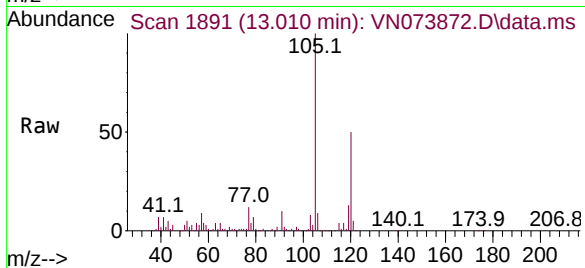
FMC-0071

Tgt Ion: 91 Resp: 24525

Ion Ratio Lower Upper

91 100

126 0.3 17.2 51.6#



#83

tert-Butylbenzene

Concen: 6.357 ug/l

RT: 13.310 min Scan# 1942

Delta R.T. 0.047 min

Lab File: VN073872.D

Acq: 13 Aug 2022 16:50

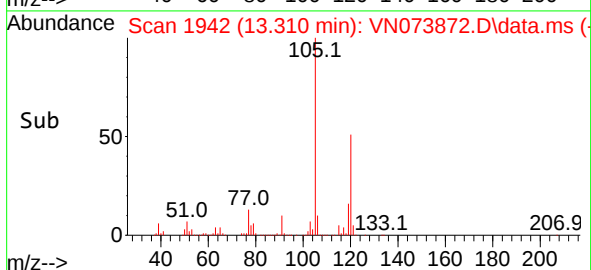
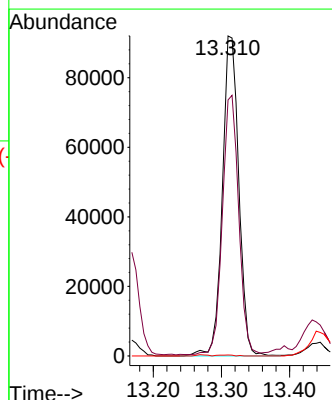
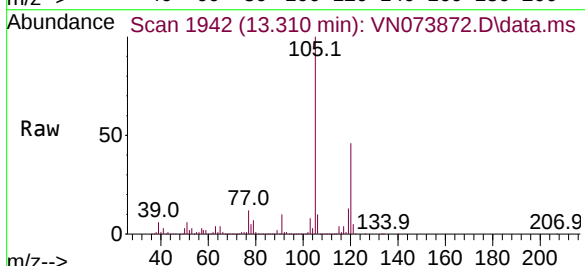
Tgt Ion: 119 Resp: 154099

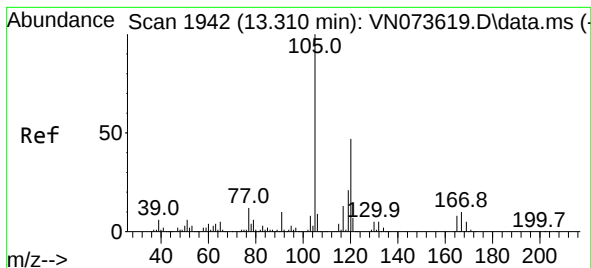
Ion Ratio Lower Upper

119 100

91 80.7 31.6 94.8

134 0.0 13.7 41.1#





#84

1,2,4-Trimethylbenzene

Concen: 47.411 ug/l

RT: 13.315 min Scan# 1942

Delta R.T. 0.006 min

Lab File: VN073872.D

Acq: 13 Aug 2022 16:50

Instrument :

MSVOA_N

ClientSampleId :

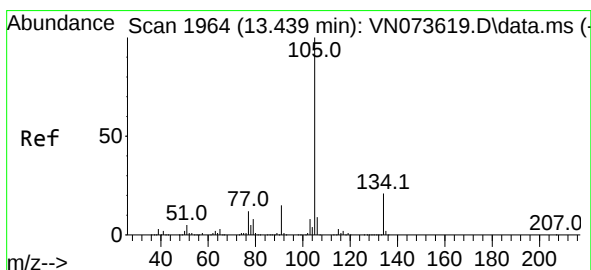
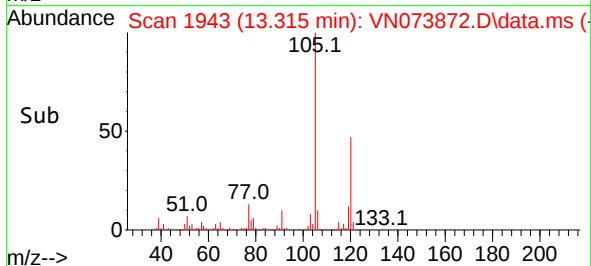
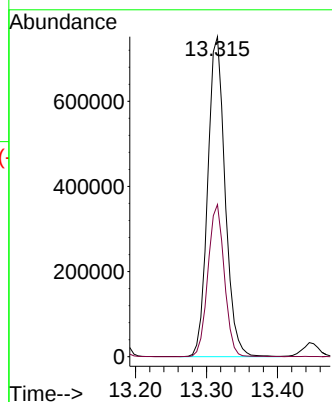
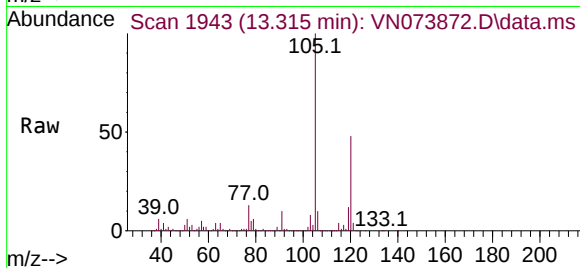
FMC-0071

Tgt Ion:105 Resp: 1275871

Ion Ratio Lower Upper

105 100

120 45.0 23.3 69.8



#85

sec-Butylbenzene

Concen: 1.517 ug/l

RT: 13.445 min Scan# 1965

Delta R.T. 0.006 min

Lab File: VN073872.D

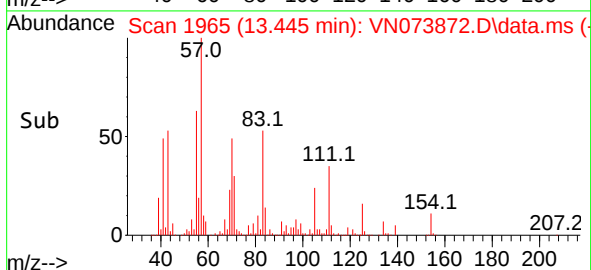
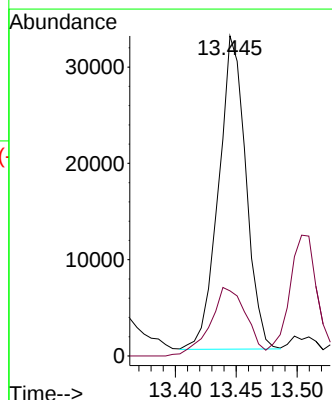
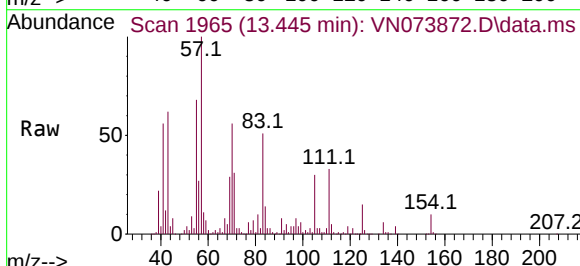
Acq: 13 Aug 2022 16:50

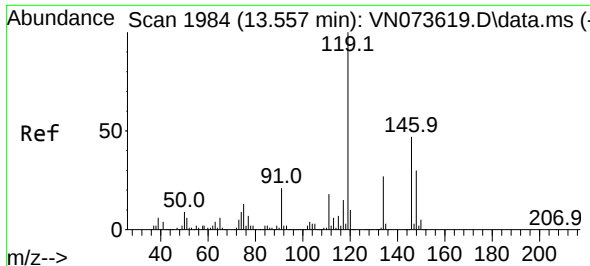
Tgt Ion:105 Resp: 50835

Ion Ratio Lower Upper

105 100

134 28.8 10.4 31.1

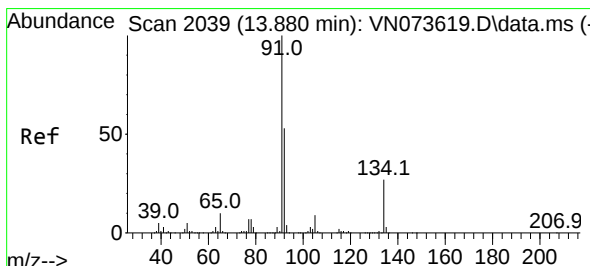
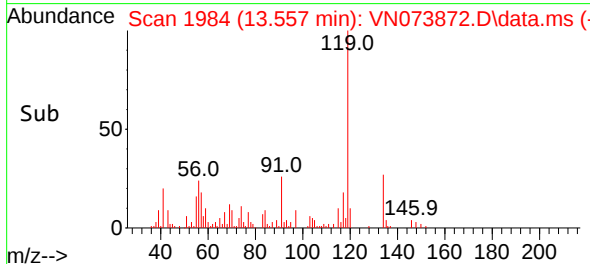
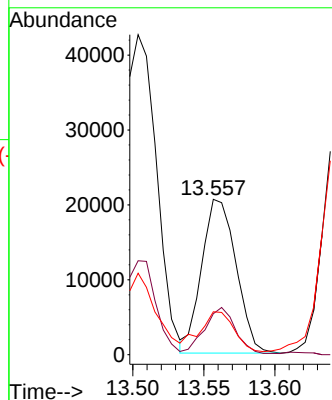
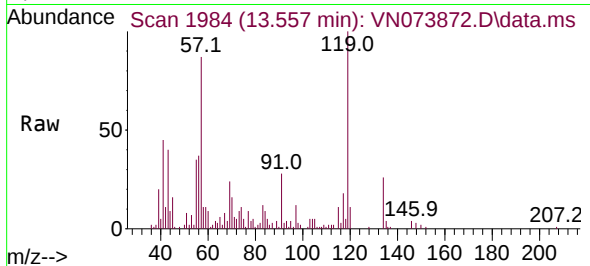




#86
p-Isopropyltoluene
Concen: 1.312 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. -0.000 min
Lab File: VN073872.D
Acq: 13 Aug 2022 16:50

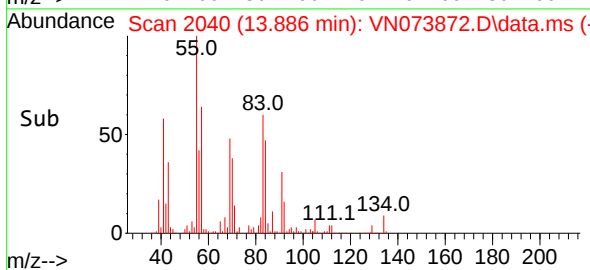
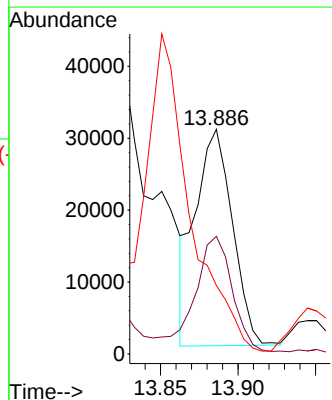
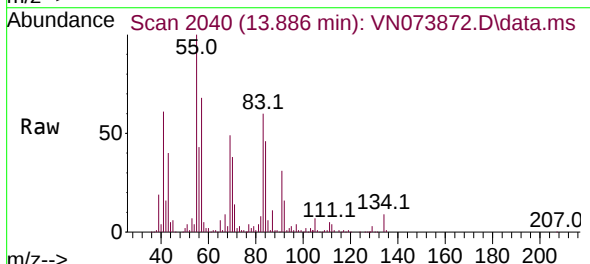
Instrument :
MSVOA_N
ClientSampleId :
FMC-0071

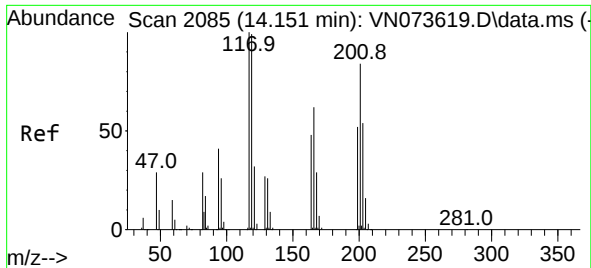
Tgt Ion:119 Resp: 34648
Ion Ratio Lower Upper
119 100
134 26.7 13.3 39.8
91 25.6 11.3 33.9



#89
n-Butylbenzene
Concen: 2.331 ug/l
RT: 13.886 min Scan# 2040
Delta R.T. 0.006 min
Lab File: VN073872.D
Acq: 13 Aug 2022 16:50

Tgt Ion: 91 Resp: 50095
Ion Ratio Lower Upper
91 100
92 53.2 26.9 80.7
134 0.0 13.6 40.8#

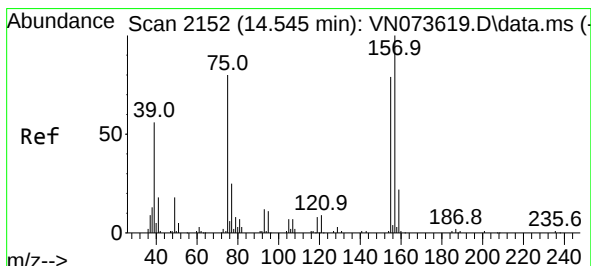
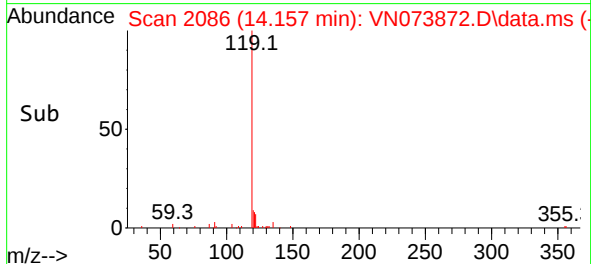
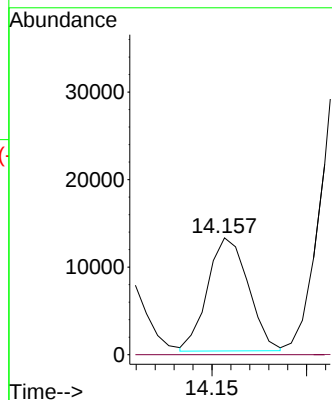
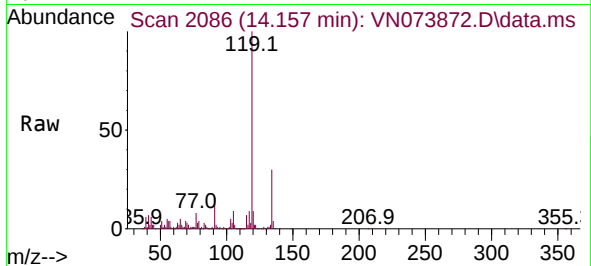




#90
Hexachloroethane
Concen: 3.686 ug/l
RT: 14.157 min Scan# 2085
Delta R.T. 0.006 min
Lab File: VN073872.D
Acq: 13 Aug 2022 16:50

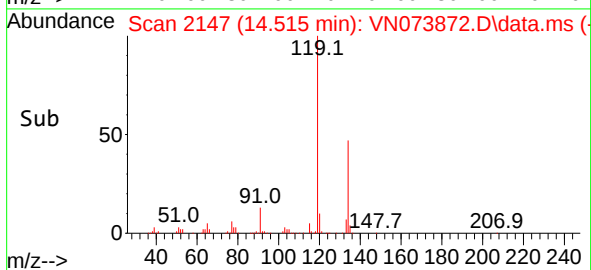
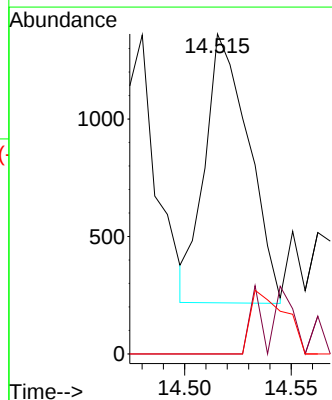
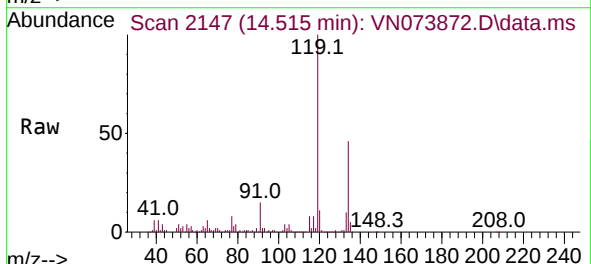
Instrument :
MSVOA_N
ClientSampleId :
FMC-0071

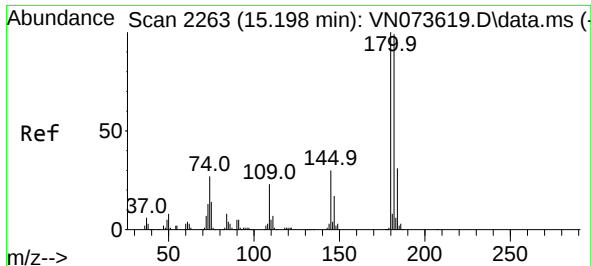
Tgt Ion:117 Resp: 19318
Ion Ratio Lower Upper
117 100
201 0.0 40.6 122.0#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.634 ug/l
RT: 14.515 min Scan# 2147
Delta R.T. -0.029 min
Lab File: VN073872.D
Acq: 13 Aug 2022 16:50

Tgt Ion: 75 Resp: 1636
Ion Ratio Lower Upper
75 100
155 6.3 44.9 134.5#
157 18.4 59.0 176.8#





#93

1,2,4-Trichlorobenzene

Concen: 0.535 ug/l

RT: 15.192 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN073872.D

Acq: 13 Aug 2022 16:50

Instrument :

MSVOA_N

ClientSampleId :

FMC-0071

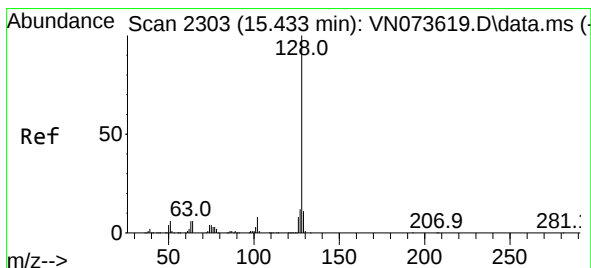
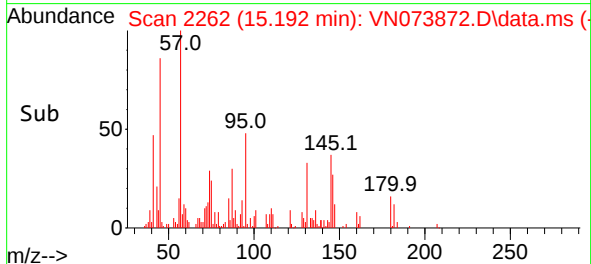
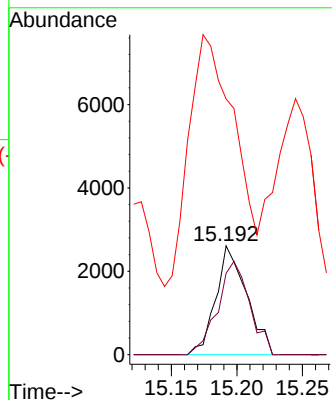
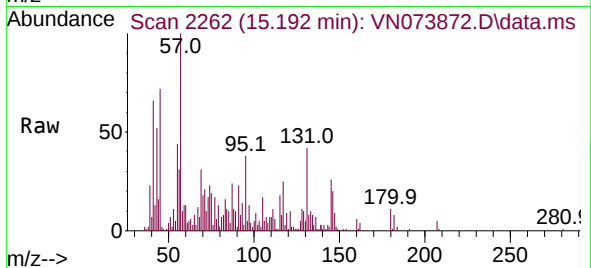
Tgt Ion:180 Resp: 4258

Ion Ratio Lower Upper

180 100

182 89.2 47.5 142.5

145 0.0 14.5 43.5#



#95

Naphthalene

Concen: 31.886 ug/l

RT: 15.433 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN073872.D

Acq: 13 Aug 2022 16:50

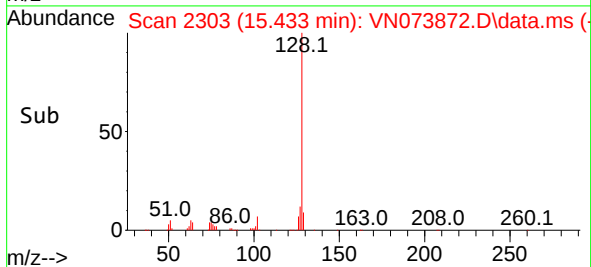
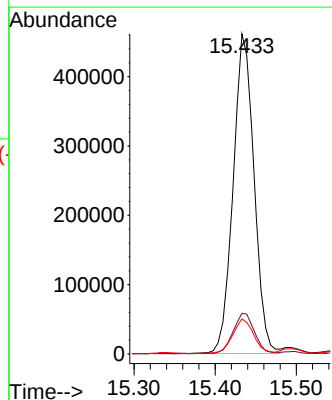
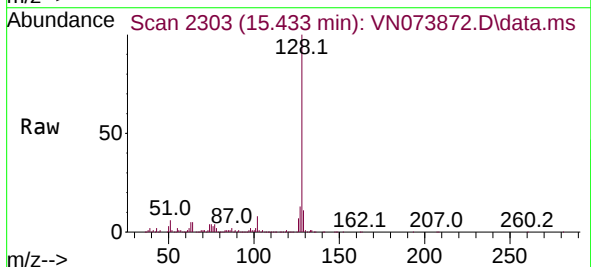
Tgt Ion:128 Resp: 823124

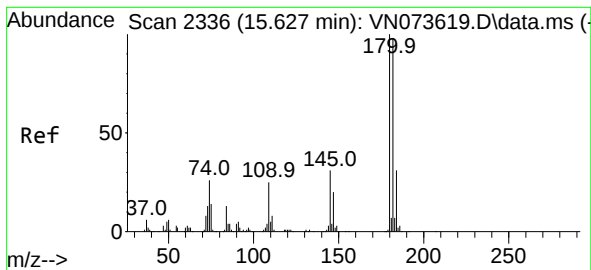
Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 11.1 8.6 13.0





#96

1,2,3-Trichlorobenzene

Concen: 0.550 ug/l

RT: 15.627 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN073872.D

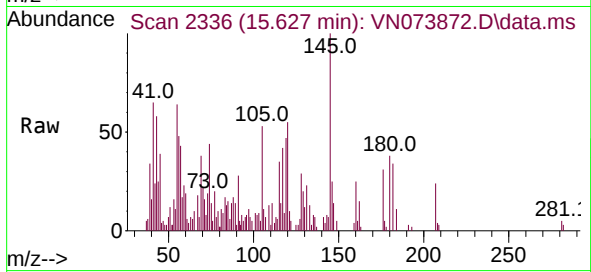
Acq: 13 Aug 2022 16:50

Instrument :

MSVOA_N

ClientSampleId :

FMC-0071



Tgt Ion:180 Resp: 4602

Ion Ratio Lower Upper

180 100

182 86.5 47.8 143.3

145 0.0 15.5 46.5#

