

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081222\
 Data File : VN073862.D
 Acq On : 12 Aug 2022 19:31
 Operator : JC\MD
 Sample : N4156-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FMC-0074

Quant Time: Aug 13 05:05:02 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	8.086	168	514133	50.000	ug/l	0.07
34) 1,4-Difluorobenzene	8.951	114	806775	50.000	ug/l	0.05
63) Chlorobenzene-d5	11.698	117	746924	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.615	152	446381	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	260486	41.574	ug/l	0.06
Spiked Amount	50.000	Range	74 - 125	Recovery	=	83.140%
35) Dibromofluoromethane	8.028	113	258420	51.010	ug/l	0.08
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.020%
50) Toluene-d8	10.404	98	838326	42.052	ug/l	0.02
Spiked Amount	50.000	Range	86 - 113	Recovery	=	84.100%#
62) 4-Bromofluorobenzene	12.680	95	372764	53.085	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.180%

Target Compounds				Qvalue		
3) Chloromethane	2.334	50	2333	Below Cal	#	83
6) Chloroethane	2.963	64	136	Below Cal	#	42
8) Diethyl Ether	3.863	74	968	0.287	ug/l	81
13) Acrolein	4.004	56	413	0.308	ug/l	97
16) Acetone	4.345	43	556082	165.241	ug/l	93
18) Methyl Acetate	4.863	43	22900	2.735	ug/l	# 78
20) Methylene Chloride	5.075	84	78215	12.724	ug/l	95
25) 2-Butanone	7.351	43	3645636	697.570	ug/l	# 48
31) Cyclohexane	8.080	56	9521	1.021	ug/l	# 1
36) 1,1-Dichloropropene	8.086	75	31881	4.415	ug/l	# 49
37) Ethyl Acetate	7.351	43	3645636	383.392	ug/l	# 68
38) Carbon Tetrachloride	8.080	117	46015	6.275	ug/l	# 16
39) Methylcyclohexane	9.427	83	1960	0.227	ug/l	# 78
40) Benzene	8.445	78	5377	0.229	ug/l	# 73
41) Methacrylonitrile	7.351	41	83186	19.333	ug/l	# 19
42) 1,2-Dichloroethane	8.457	62	19418	2.457	ug/l	76
43) Isopropyl Acetate	8.557	43	289505	22.541	ug/l	# 92
45) 1,2-Dichloropropane	9.604	63	3674	0.627	ug/l	# 44
48) Methyl methacrylate	9.510	41	75167	13.370	ug/l	# 38
49) 1,4-Dioxane	9.563	88	140	0.883	ug/l	# 25
51) 4-Methyl-2-Pentanone	10.298	43	105739	11.479	ug/l	96
52) Toluene	10.469	92	963608	67.284	ug/l	99
54) cis-1,3-Dichloropropene	10.210	75	73106	8.412	ug/l	# 63
56) Ethyl methacrylate	10.827	69	3072	0.373	ug/l	# 1
57) 1,3-Dichloropropane	11.045	76	9772	0.964	ug/l	# 42
58) 2-Chloroethyl Vinyl ether	10.292	63	130	9.970	ug/l	# 44
59) 2-Hexanone	11.045	43	150933	21.626	ug/l	61
65) Chlorobenzene	11.804	112	75671	4.770	ug/l	# 54
67) Ethyl Benzene	11.798	91	50987	1.905	ug/l	100
68) m/p-Xylenes	11.898	106	50993	4.995	ug/l	96
69) o-Xylene	12.227	106	34668	3.483	ug/l	95
70) Styrene	12.233	104	3582	0.225	ug/l	# 1
73) Isopropylbenzene	12.533	105	10328	0.316	ug/l	94
74) N-amyl acetate	12.298	43	22392	1.814	ug/l	# 42
76) 1,2,3-Trichloropropane	12.680	75	184842	20.716	ug/l	# 1
78) n-propylbenzene	12.868	91	27471	0.747	ug/l	96

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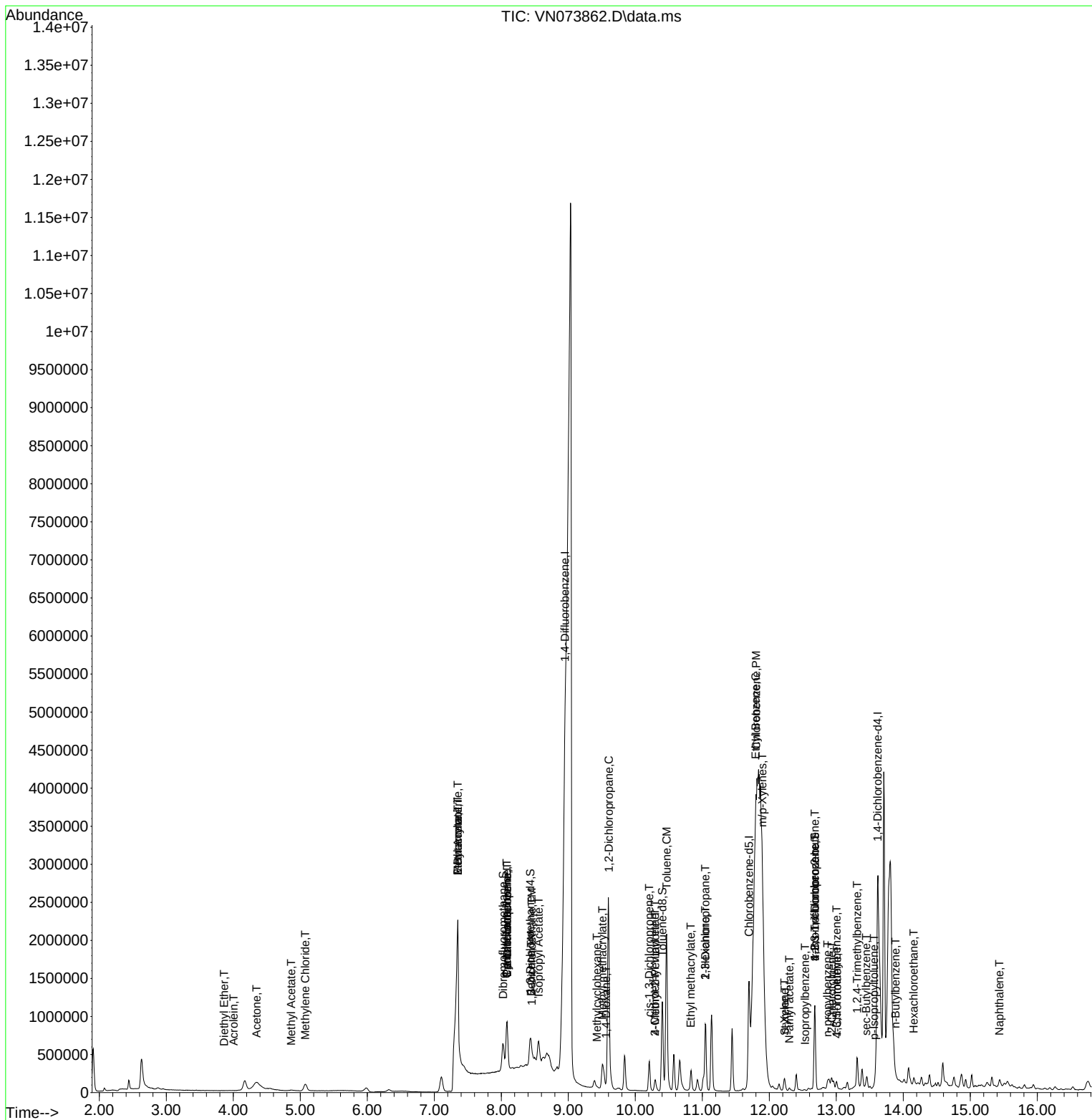
Quant Time: Aug 13 05:05:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
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 QLast Update : Wed Aug 10 05:09:32 2022
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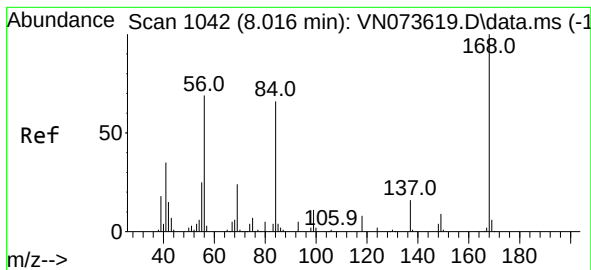
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

79) 2-Chlorotoluene	12.933	91	14727	0.642	ug/l #	40
80) 1,3,5-Trimethylbenzene	13.004	105	44417	1.652	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.680	75	184842	53.663	ug/l #	11
82) 4-Chlorotoluene	13.010	91	4461	0.205	ug/l #	42
84) 1,2,4-Trimethylbenzene	13.310	105	239708	9.066	ug/l	97
85) sec-Butylbenzene	13.445	105	10737	0.326	ug/l	85
86) p-Isopropyltoluene	13.562	119	7136	0.275	ug/l	92
89) n-Butylbenzene	13.886	91	9151	0.433	ug/l #	66
90) Hexachloroethane	14.157	117	4012	0.779	ug/l #	9
95) Naphthalene	15.433	128	78671	3.102	ug/l	98

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.086 min Scan# 1

Delta R.T. 0.070 min

Lab File: VN073862.D

Acq: 12 Aug 2022 19:31

Instrument :

MSVOA_N

ClientSampleId :

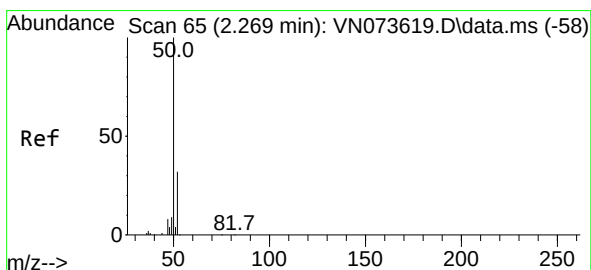
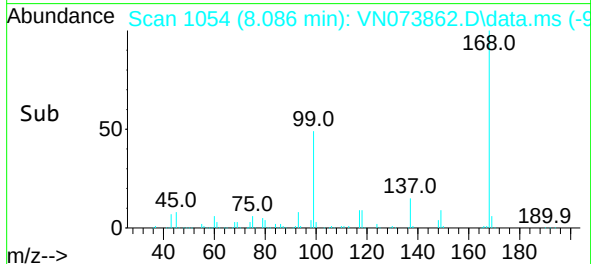
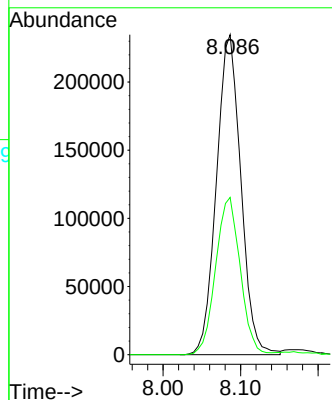
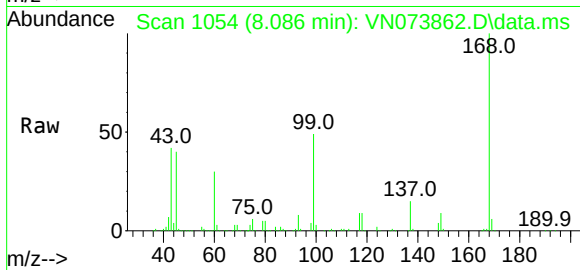
FMC-0074

Tgt Ion:168 Resp: 514133

Ion Ratio Lower Upper

168 100

99 49.2 42.3 63.5



#3

Chloromethane

Concen: Below Cal

RT: 2.334 min Scan# 76

Delta R.T. 0.065 min

Lab File: VN073862.D

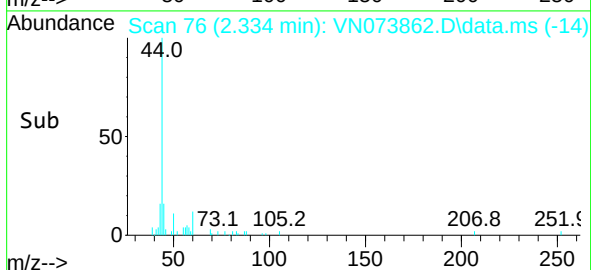
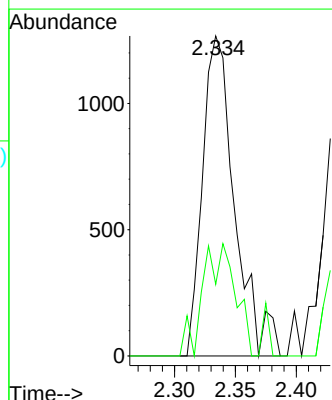
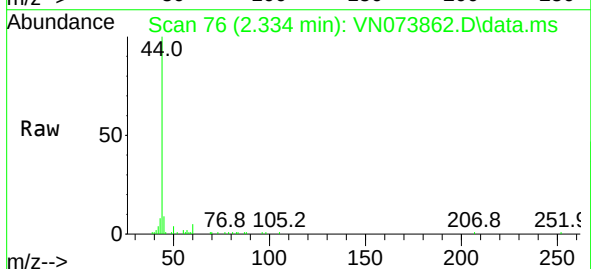
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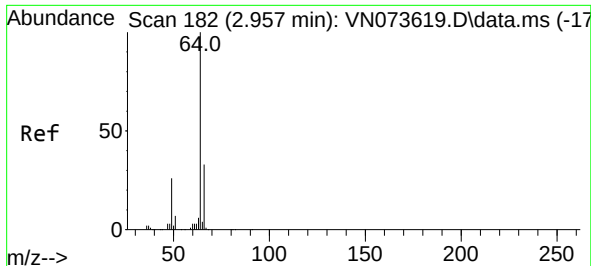
Tgt Ion: 50 Resp: 2333

Ion Ratio Lower Upper

50 100

52 22.4 25.7 38.5#

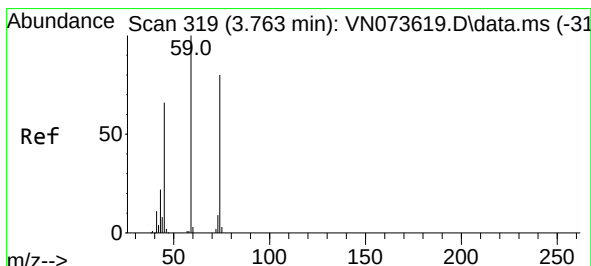
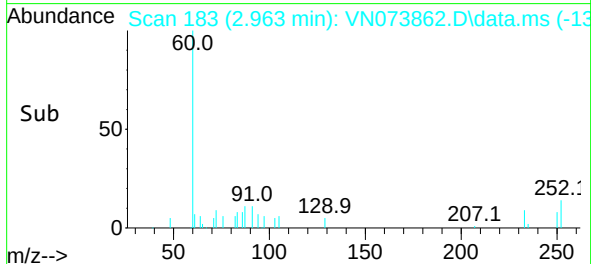
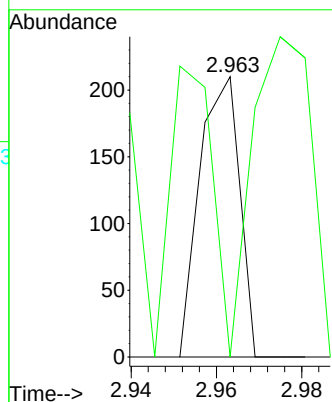
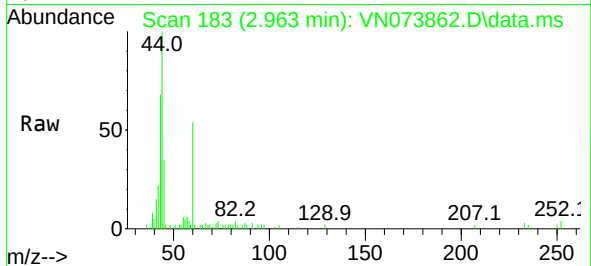




#6
Chloroethane
Concen: Below Cal
RT: 2.963 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073862.D
Acq: 12 Aug 2022 19:31

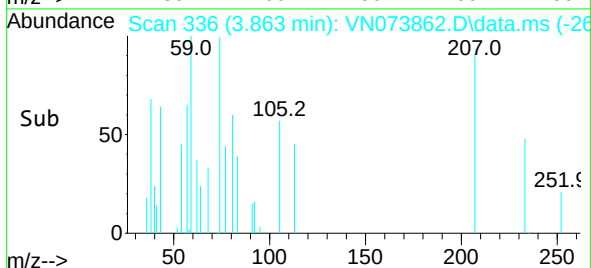
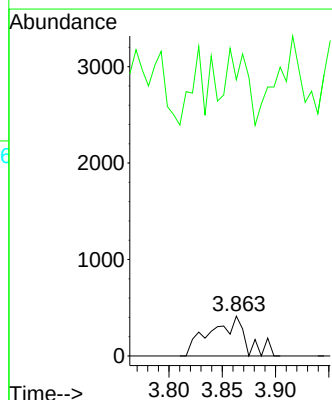
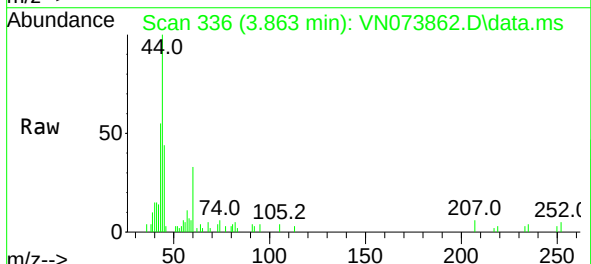
Instrument :
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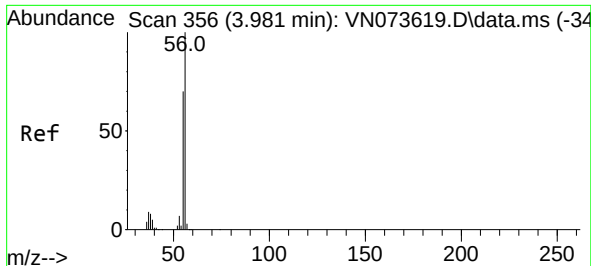
Tgt Ion: 64 Resp: 136
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#8
Diethyl Ether
Concen: 0.287 ug/l
RT: 3.863 min Scan# 336
Delta R.T. 0.100 min
Lab File: VN073862.D
Acq: 12 Aug 2022 19:31

Tgt Ion: 74 Resp: 968
Ion Ratio Lower Upper
74 100
45 103.2 42.9 128.5

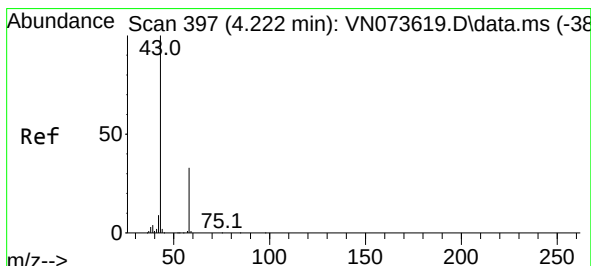
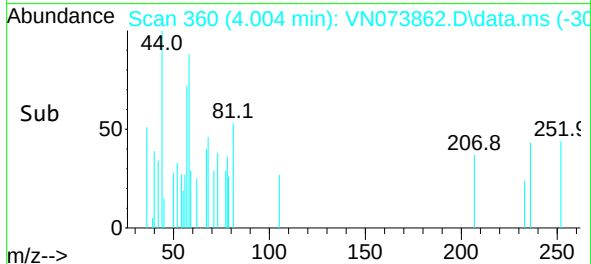
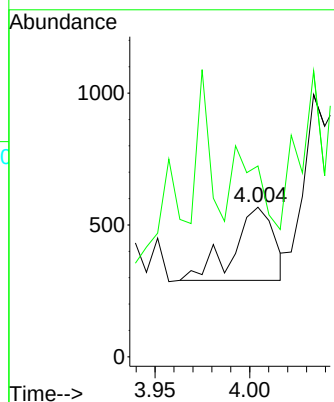
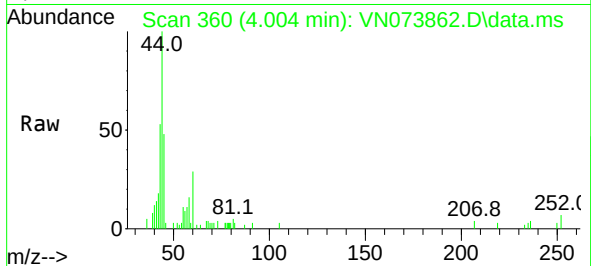




#13
Acrolein
Concen: 0.308 ug/l
RT: 4.004 min Scan# 30
Delta R.T. 0.023 min
Lab File: VN073862.D
Acq: 12 Aug 2022 19:31

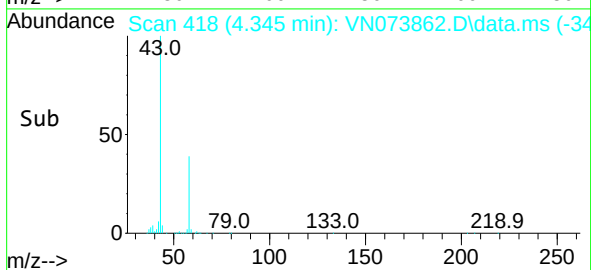
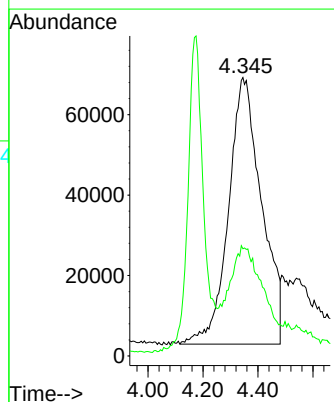
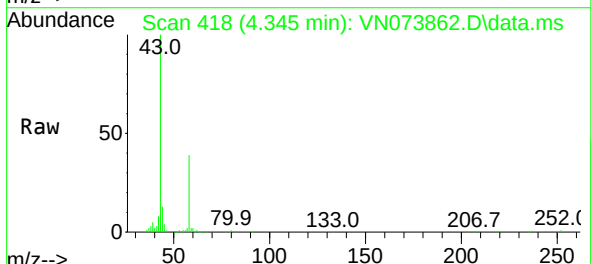
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ClientSampleId :
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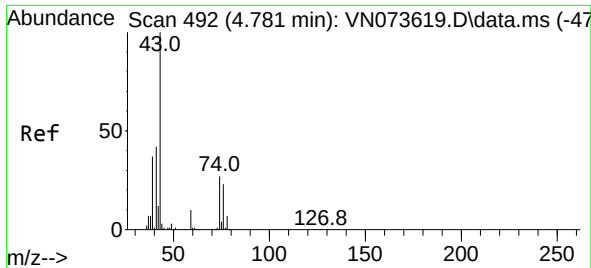
Tgt Ion: 56 Resp: 413
Ion Ratio Lower Upper
56 100
55 70.7 54.8 82.2



#16
Acetone
Concen: 165.241 ug/l
RT: 4.345 min Scan# 418
Delta R.T. 0.123 min
Lab File: VN073862.D
Acq: 12 Aug 2022 19:31

Tgt Ion: 43 Resp: 556082
Ion Ratio Lower Upper
43 100
58 28.6 26.0 39.0

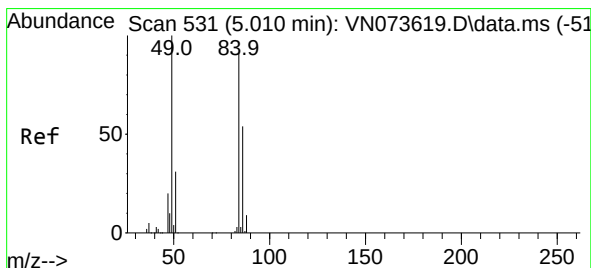
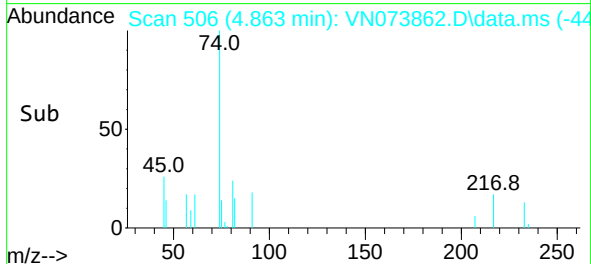
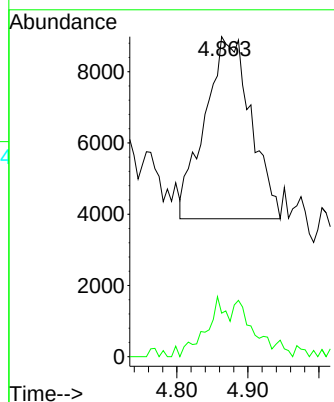
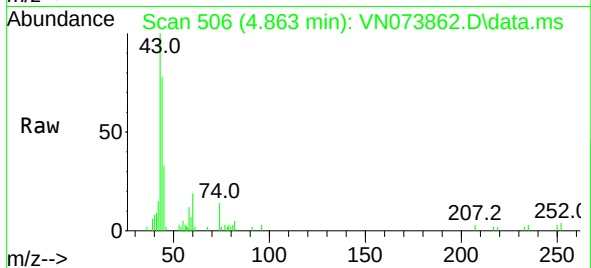




#18
Methyl Acetate
Concen: 2.735 ug/l
RT: 4.863 min Scan# 506
Delta R.T. 0.082 min
Lab File: VN073862.D
Acq: 12 Aug 2022 19:31

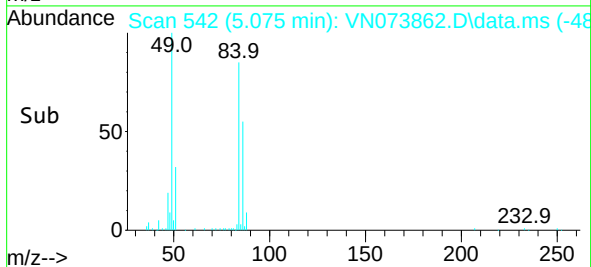
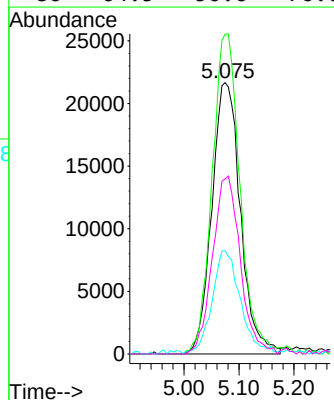
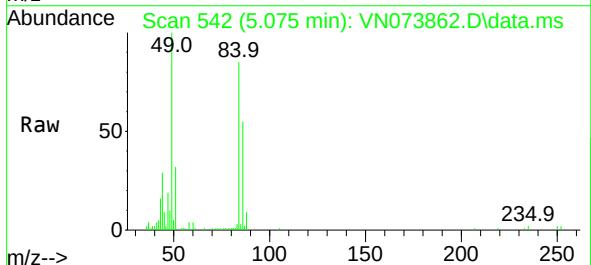
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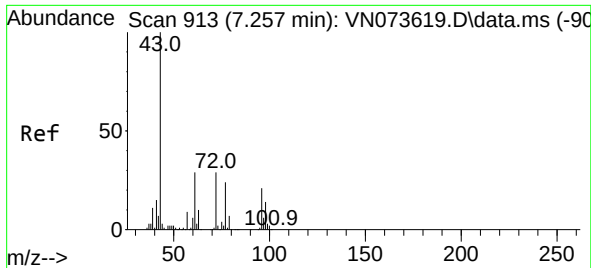
Tgt Ion: 43 Resp: 22900
Ion Ratio Lower Upper
43 100
74 15.5 21.6 32.4#



#20
Methylene Chloride
Concen: 12.724 ug/l
RT: 5.075 min Scan# 542
Delta R.T. 0.065 min
Lab File: VN073862.D
Acq: 12 Aug 2022 19:31

Tgt Ion: 84 Resp: 78215
Ion Ratio Lower Upper
84 100
49 117.8 88.3 132.5
51 37.0 28.2 42.2
86 64.5 50.6 76.0

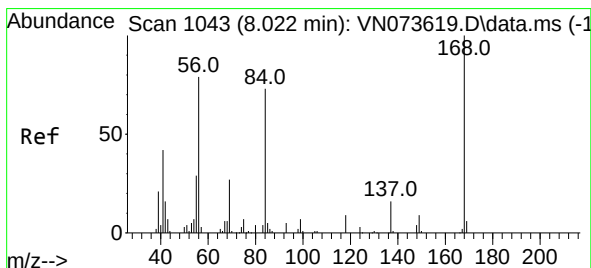
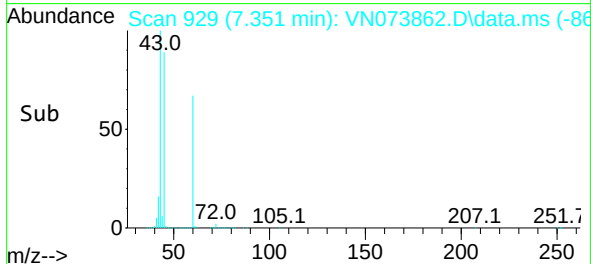
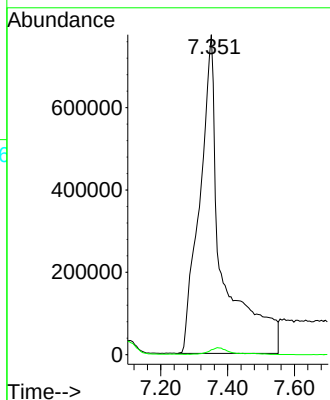
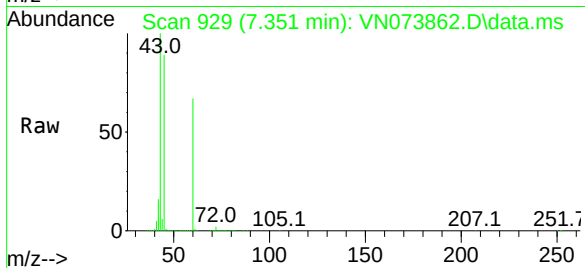




#25
2-Butanone
Concen: 697.570 ug/l
RT: 7.351 min Scan# 913
Delta R.T. 0.094 min
Lab File: VN073862.D
Acq: 12 Aug 2022 19:31

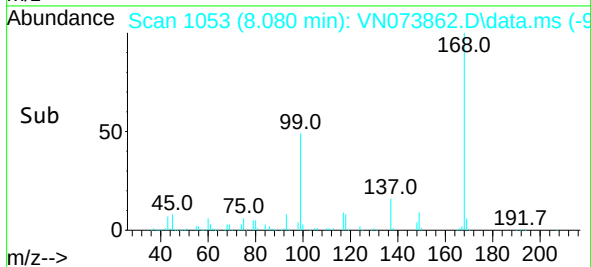
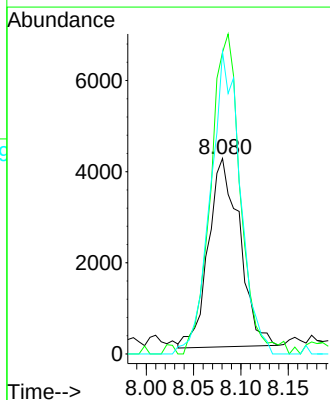
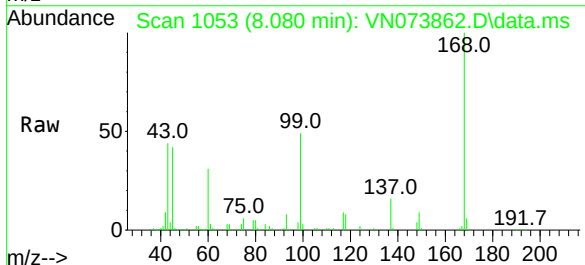
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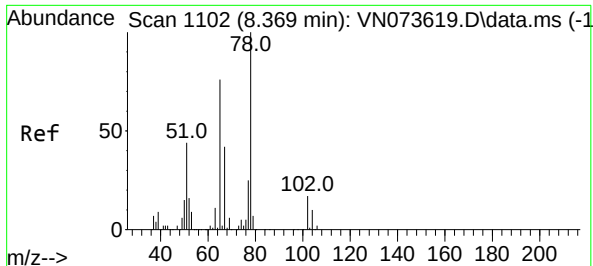
Tgt Ion: 43 Resp: 3645636
Ion Ratio Lower Upper
43 100
72 1.5 23.7 35.5#



#31
Cyclohexane
Concen: 1.021 ug/l
RT: 8.080 min Scan# 1053
Delta R.T. 0.059 min
Lab File: VN073862.D
Acq: 12 Aug 2022 19:31

Tgt Ion: 56 Resp: 9521
Ion Ratio Lower Upper
56 100
69 161.3 27.8 41.8#
84 161.6 76.9 115.3#

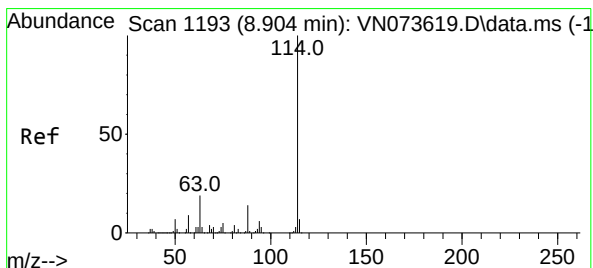
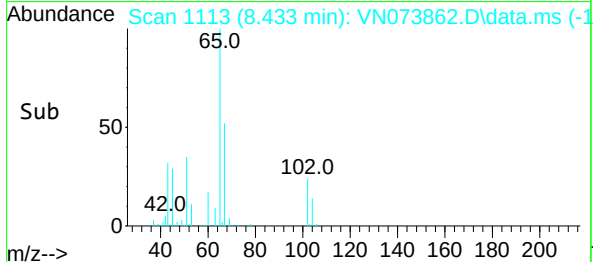
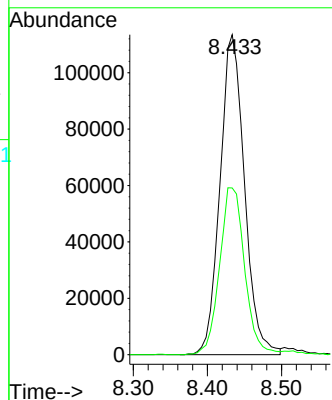
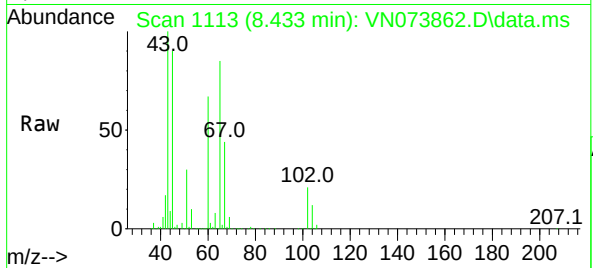




#33
1,2-Dichloroethane-d4
Concen: 41.574 ug/l
RT: 8.433 min Scan# 1102
Delta R.T. 0.065 min
Lab File: VN073862.D
Acq: 12 Aug 2022 19:31

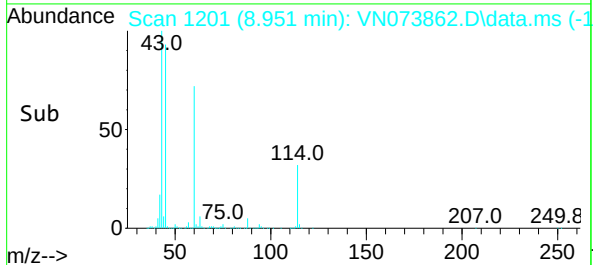
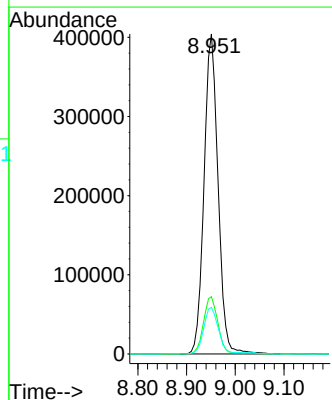
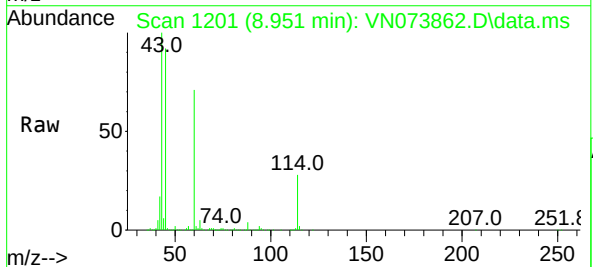
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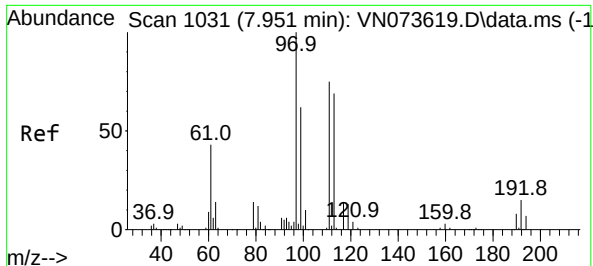
Tgt Ion: 65 Resp: 260486
Ion Ratio Lower Upper
65 100
67 53.5 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.951 min Scan# 1201
Delta R.T. 0.047 min
Lab File: VN073862.D
Acq: 12 Aug 2022 19:31

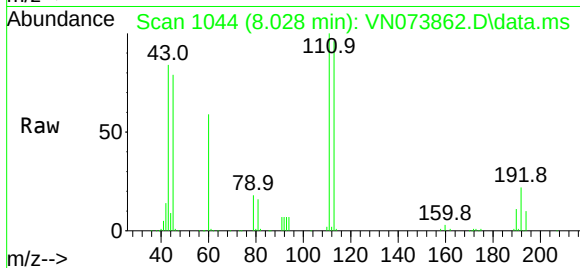
Tgt Ion: 114 Resp: 806775
Ion Ratio Lower Upper
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63 17.9 0.0 40.0
88 14.5 0.0 32.6



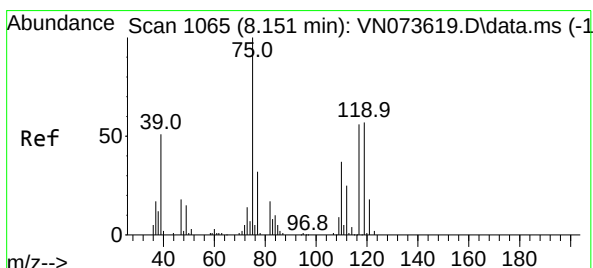
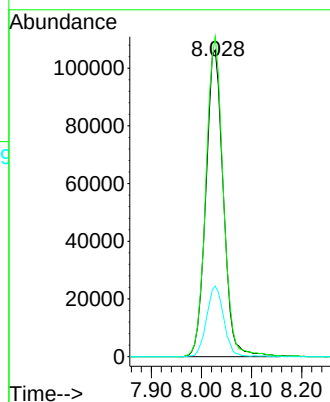
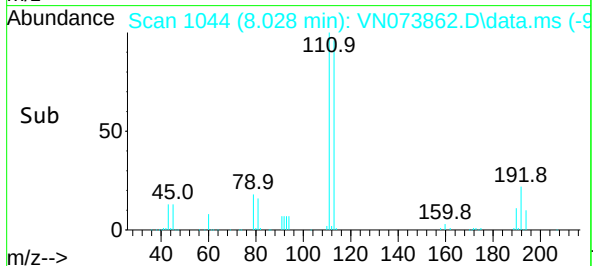


#35
Dibromofluoromethane
Concen: 51.010 ug/l
RT: 8.028 min Scan# 1044
Delta R.T. 0.076 min
Lab File: VN073862.D
Acq: 12 Aug 2022 19:31

Instrument :
MSVOA_N
ClientSampleId :
FMC-0074

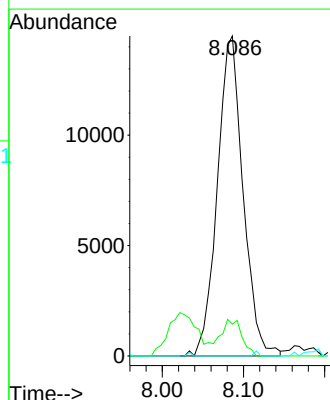
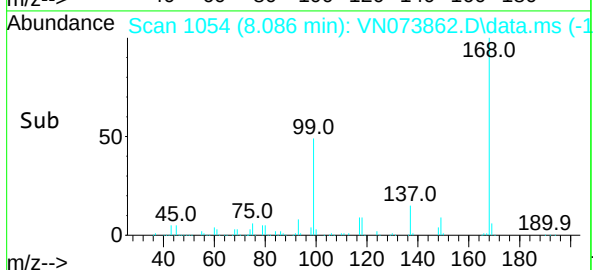
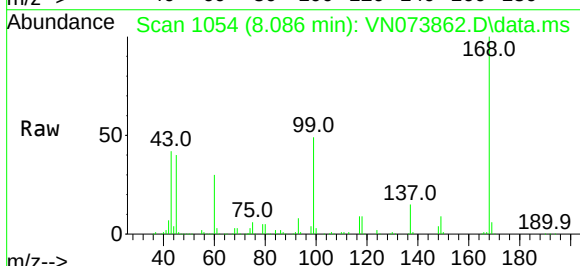


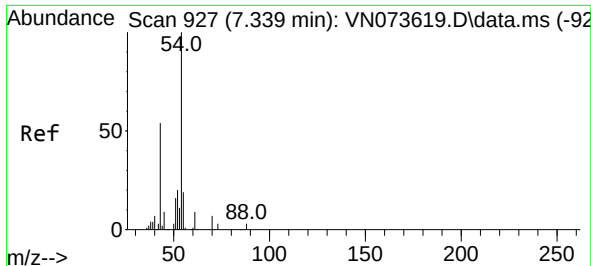
Tgt Ion: 113 Resp: 258420
Ion Ratio Lower Upper
113 100
111 103.5 81.4 122.0
192 22.5 17.0 25.6



#36
1,1-Dichloropropene
Concen: 4.415 ug/l
RT: 8.086 min Scan# 1054
Delta R.T. -0.065 min
Lab File: VN073862.D
Acq: 12 Aug 2022 19:31

Tgt Ion: 75 Resp: 31881
Ion Ratio Lower Upper
75 100
110 9.0 18.3 54.8#
77 0.0 25.1 37.7#

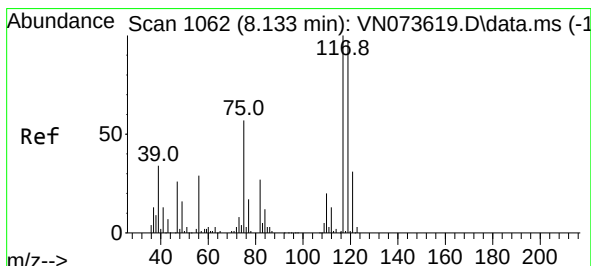
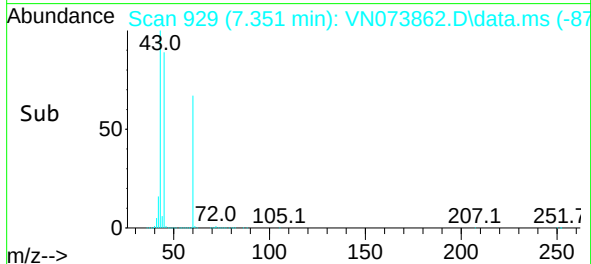
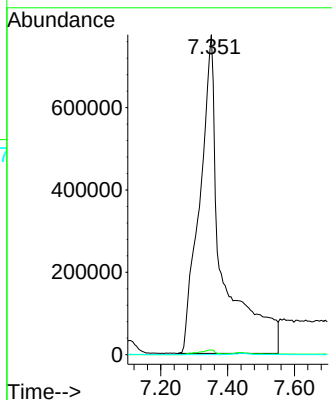
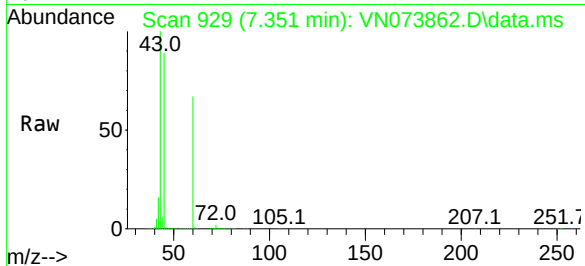




#37
Ethyl Acetate
Concen: 383.392 ug/l
RT: 7.351 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN073862.D
Acq: 12 Aug 2022 19:31

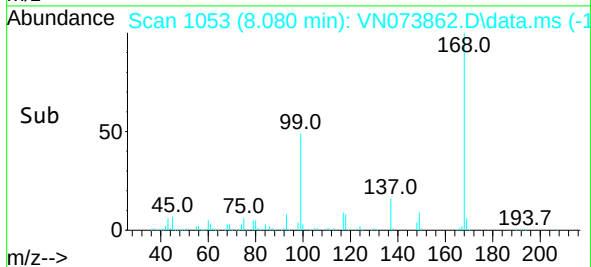
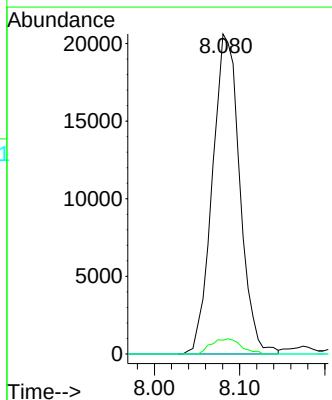
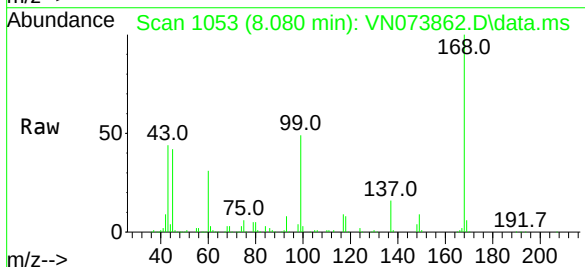
Instrument :
MSVOA_N
ClientSampleId :
FMC-0074

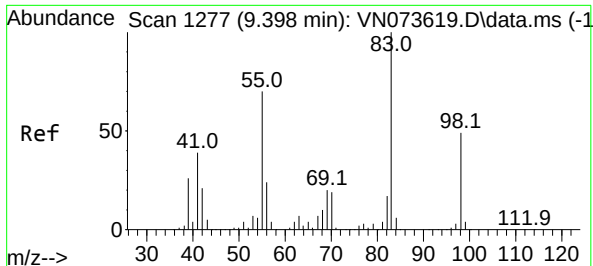
Tgt Ion: 43 Resp: 3645636
Ion Ratio Lower Upper
43 100
61 1.1 11.8 17.6#
70 0.0 9.3 13.9#



#38
Carbon Tetrachloride
Concen: 6.275 ug/l
RT: 8.080 min Scan# 1053
Delta R.T. -0.053 min
Lab File: VN073862.D
Acq: 12 Aug 2022 19:31

Tgt Ion: 117 Resp: 46015
Ion Ratio Lower Upper
117 100
119 4.3 75.8 113.8#
121 0.0 24.6 37.0#





#39

Methylcyclohexane

Concen: 0.227 ug/l

RT: 9.427 min Scan# 1115

Delta R.T. 0.029 min

Lab File: VN073862.D

Acq: 12 Aug 2022 19:31

Instrument :

MSVOA_N

ClientSampleId :

FMC-0074

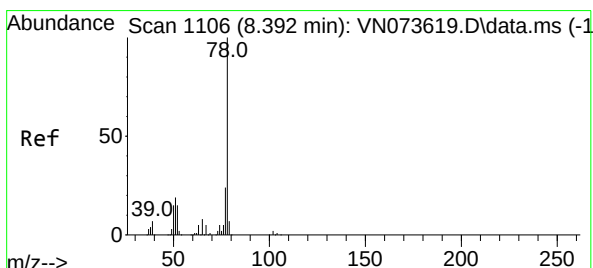
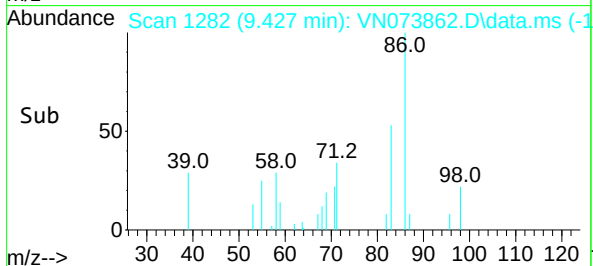
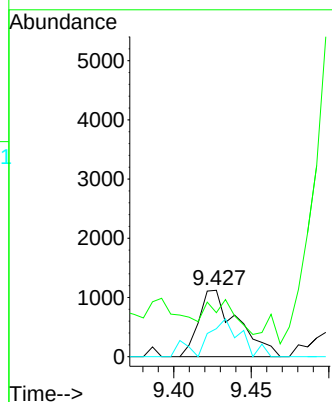
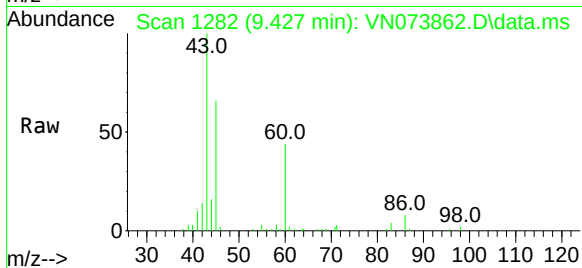
Tgt Ion: 83 Resp: 1960

Ion Ratio Lower Upper

83 100

55 46.8 57.8 86.8#

98 42.0 39.4 59.2



#40

Benzene

Concen: 0.229 ug/l

RT: 8.445 min Scan# 1115

Delta R.T. 0.053 min

Lab File: VN073862.D

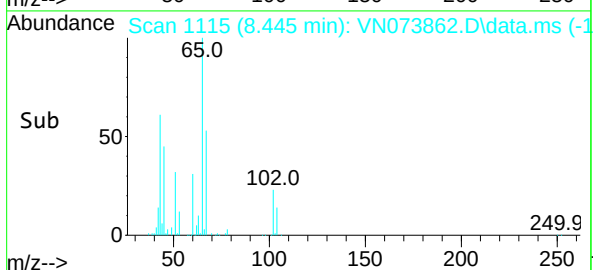
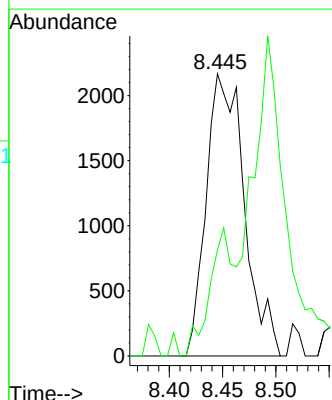
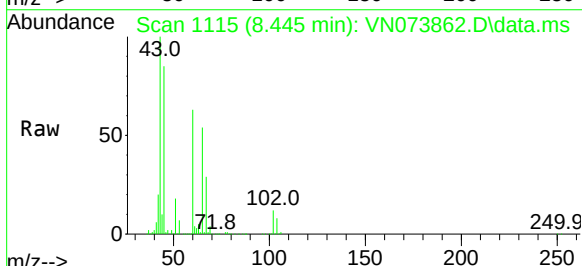
Acq: 12 Aug 2022 19:31

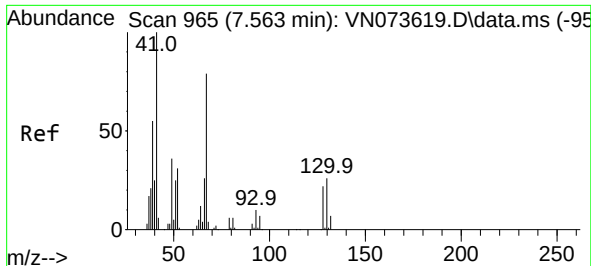
Tgt Ion: 78 Resp: 5377

Ion Ratio Lower Upper

78 100

77 37.6 19.4 29.0#

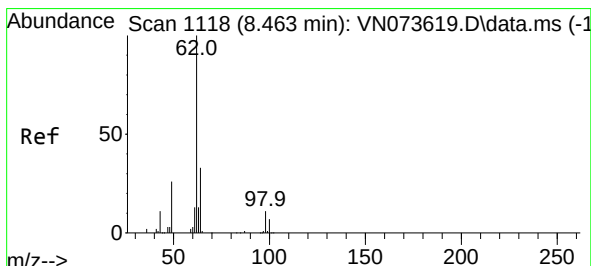
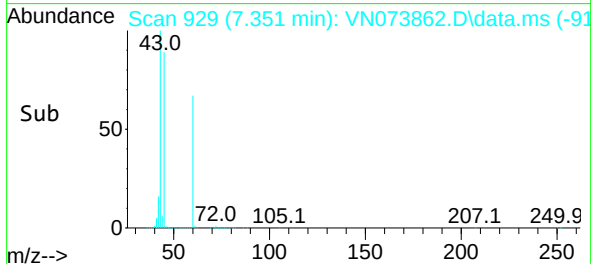
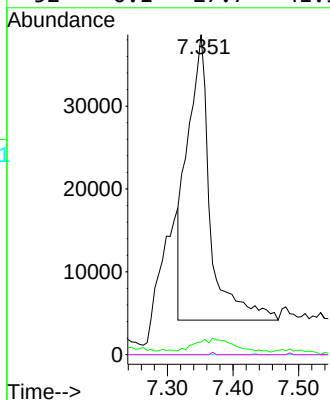
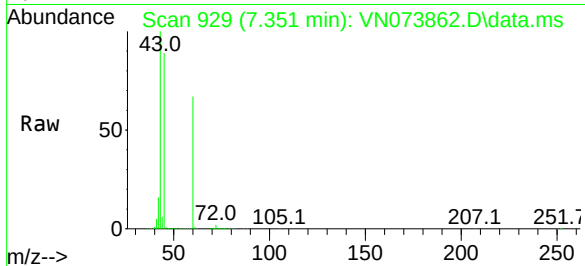




#41
Methacrylonitrile
Concen: 19.333 ug/l
RT: 7.351 min Scan# 91
Delta R.T. -0.212 min
Lab File: VN073862.D
Acq: 12 Aug 2022 19:31

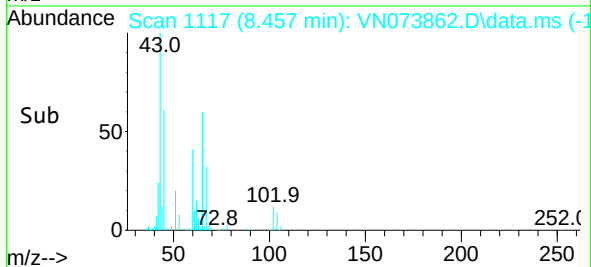
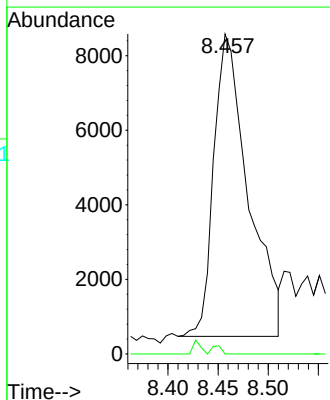
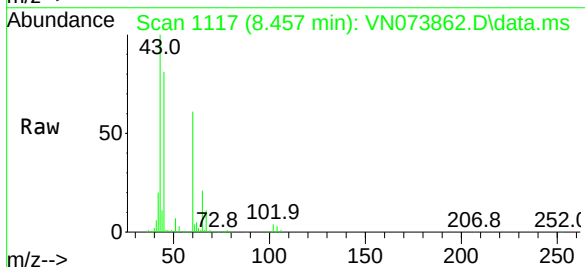
Instrument :
MSVOA_N
ClientSampleId :
FMC-0074

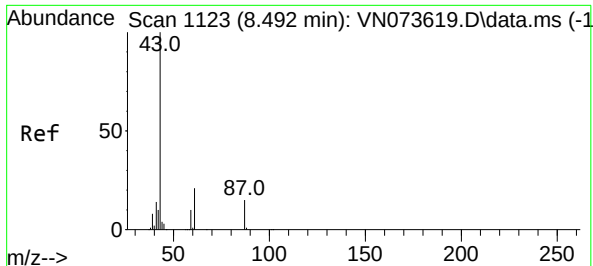
Tgt Ion: 41 Resp: 83186
Ion Ratio Lower Upper
41 100
39 8.0 48.6 73.0#
67 0.0 73.4 110.2#
52 0.1 27.7 41.5#



#42
1,2-Dichloroethane
Concen: 2.457 ug/l
RT: 8.457 min Scan# 1117
Delta R.T. -0.006 min
Lab File: VN073862.D
Acq: 12 Aug 2022 19:31

Tgt Ion: 62 Resp: 19418
Ion Ratio Lower Upper
62 100
98 0.8 0.0 19.4

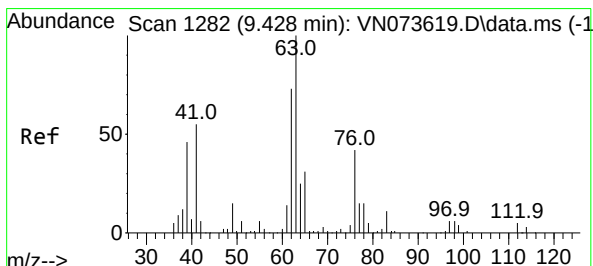
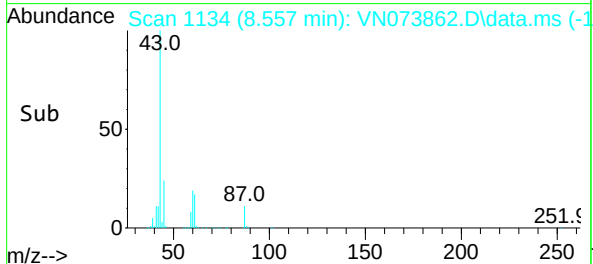
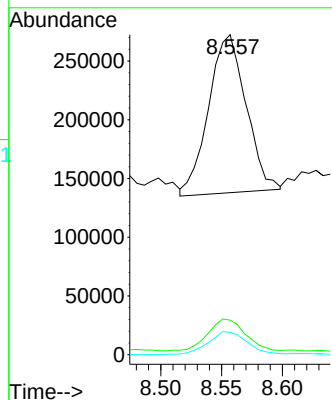
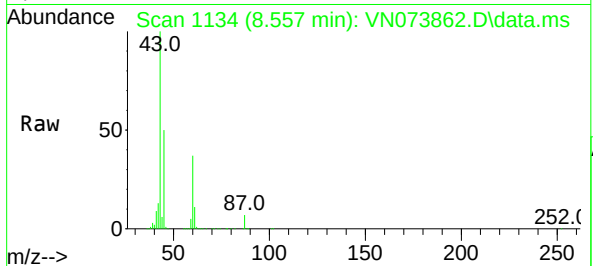




#43
Isopropyl Acetate
Concen: 22.541 ug/l
RT: 8.557 min Scan# 1123
Delta R.T. 0.065 min
Lab File: VN073862.D
Acq: 12 Aug 2022 19:31

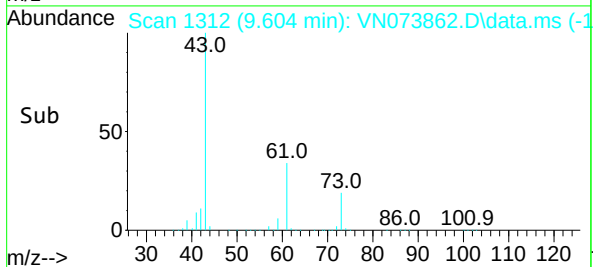
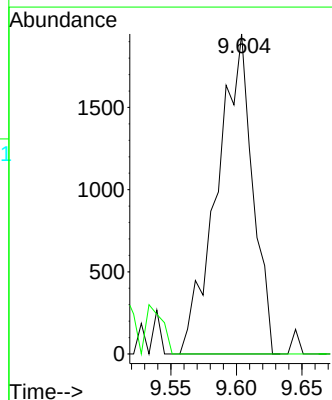
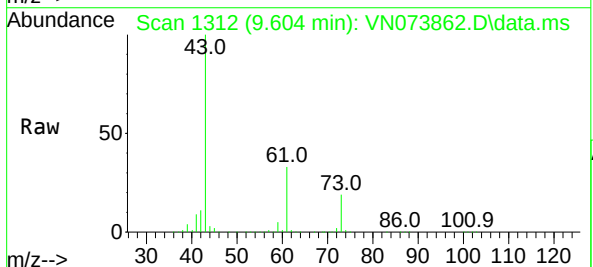
Instrument :
MSVOA_N
ClientSampleId :
FMC-0074

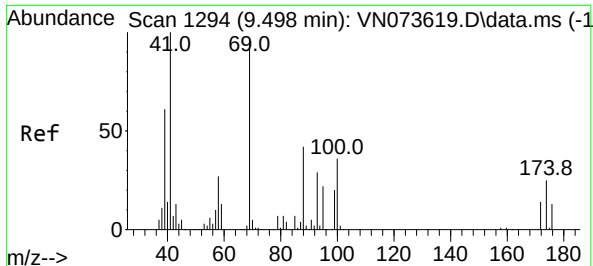
Tgt Ion: 43 Resp: 289505
Ion Ratio Lower Upper
43 100
61 20.8 21.9 32.9#
87 15.3 12.0 18.0



#45
1,2-Dichloropropane
Concen: 0.627 ug/l
RT: 9.604 min Scan# 1312
Delta R.T. 0.176 min
Lab File: VN073862.D
Acq: 12 Aug 2022 19:31

Tgt Ion: 63 Resp: 3674
Ion Ratio Lower Upper
63 100
65 0.0 24.9 37.3#

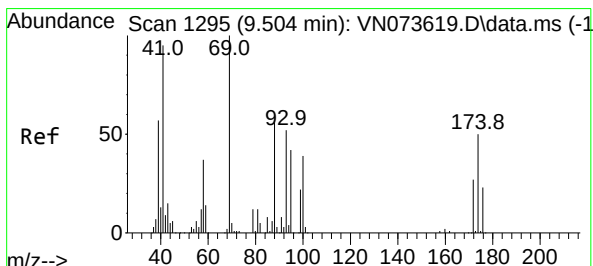
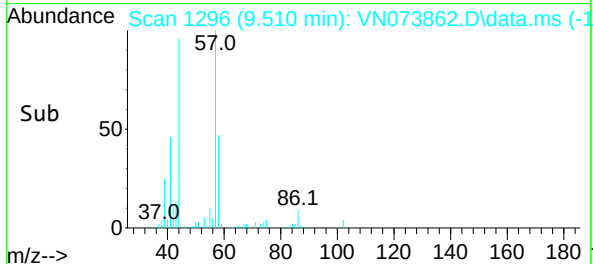
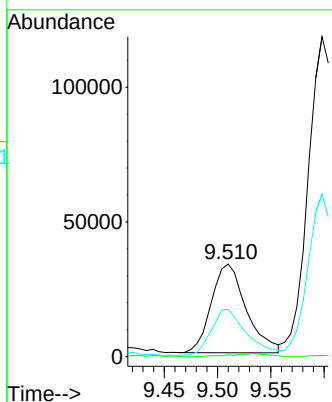
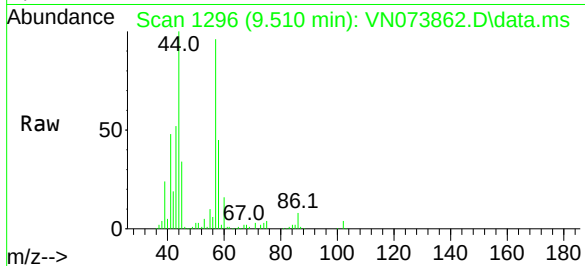




#48
Methyl methacrylate
Concen: 13.370 ug/l
RT: 9.510 min Scan# 1305
Delta R.T. 0.012 min
Lab File: VN073862.D
Acq: 12 Aug 2022 19:31

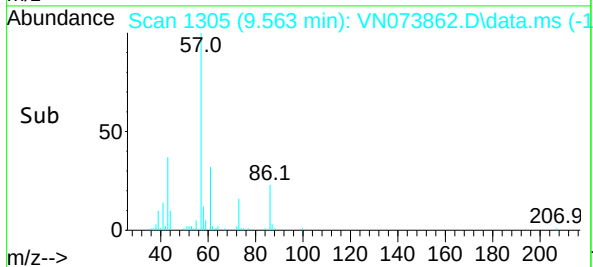
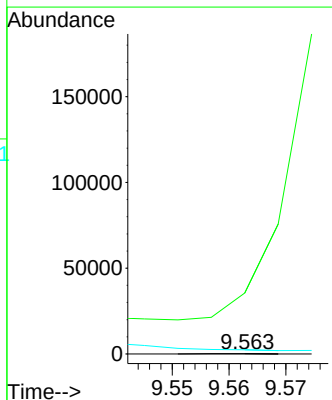
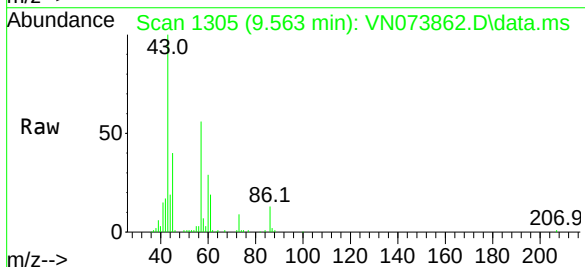
Instrument :
MSVOA_N
ClientSampleId :
FMC-0074

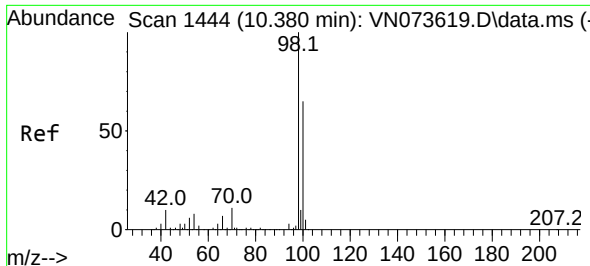
Tgt Ion: 41 Resp: 75167
Ion Ratio Lower Upper
41 100
69 0.0 74.7 112.1#
39 54.0 45.6 68.4



#49
1,4-Dioxane
Concen: 0.883 ug/l
RT: 9.563 min Scan# 1305
Delta R.T. 0.059 min
Lab File: VN073862.D
Acq: 12 Aug 2022 19:31

Tgt Ion: 88 Resp: 140
Ion Ratio Lower Upper
88 100
43 0.0 20.2 30.4#
58 0.0 54.2 81.4#

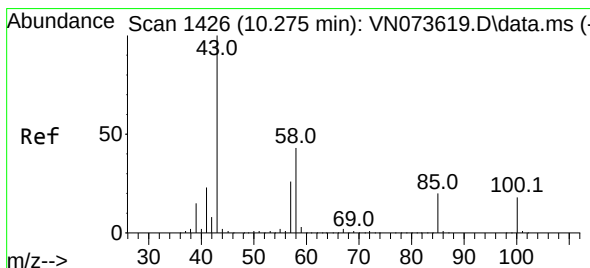
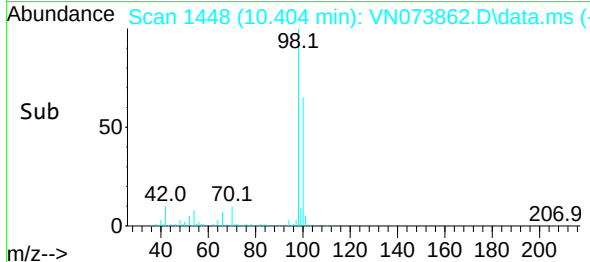
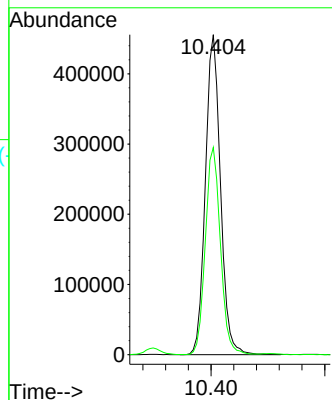
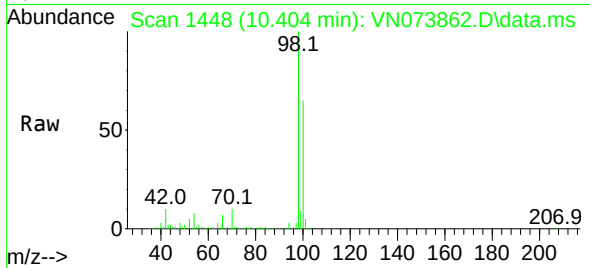




#50
Toluene-d8
Concen: 42.052 ug/l
RT: 10.404 min Scan# 1444
Delta R.T. 0.023 min
Lab File: VN073862.D
Acq: 12 Aug 2022 19:31

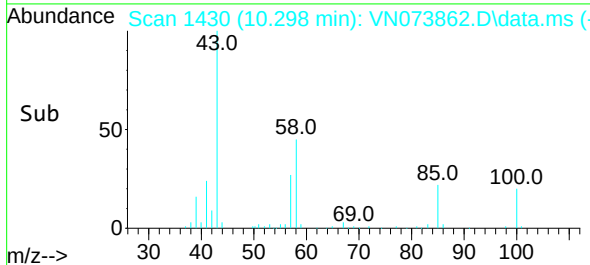
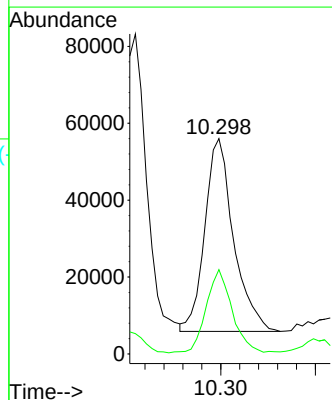
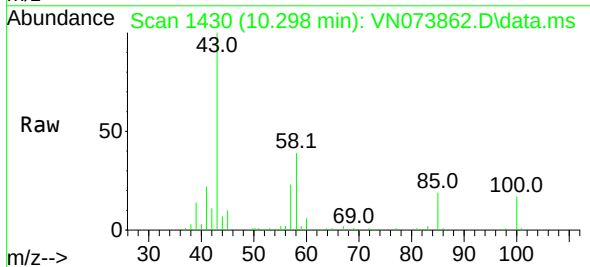
Instrument :
MSVOA_N
ClientSampleId :
FMC-0074

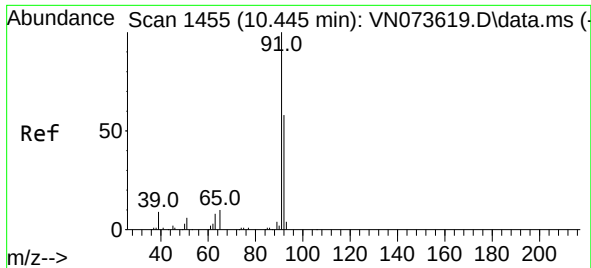
Tgt Ion: 98 Resp: 838326
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 11.479 ug/l
RT: 10.298 min Scan# 1430
Delta R.T. 0.023 min
Lab File: VN073862.D
Acq: 12 Aug 2022 19:31

Tgt Ion: 43 Resp: 105739
Ion Ratio Lower Upper
43 100
58 40.1 34.1 51.1

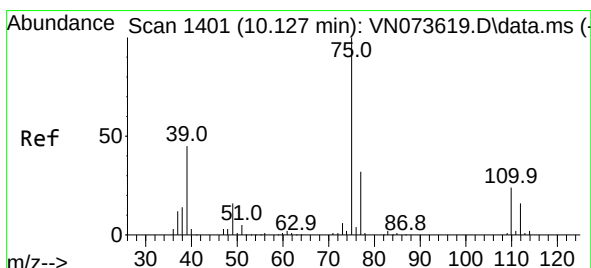
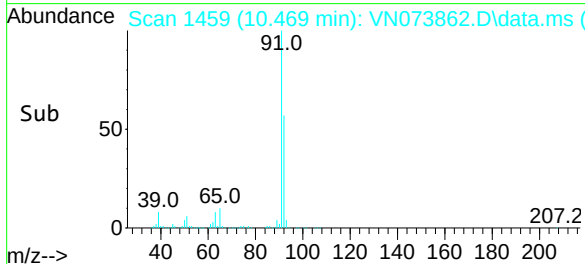
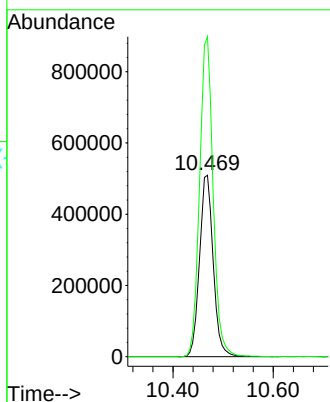
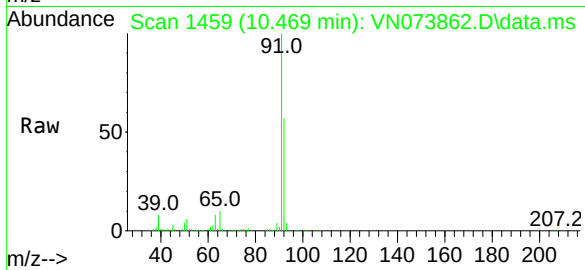




#52
Toluene
Concen: 67.284 ug/l
RT: 10.469 min Scan# 1459
Delta R.T. 0.023 min
Lab File: VN073862.D
Acq: 12 Aug 2022 19:31

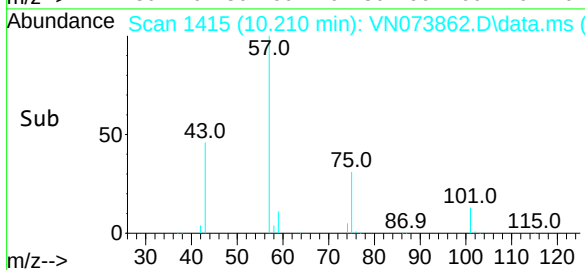
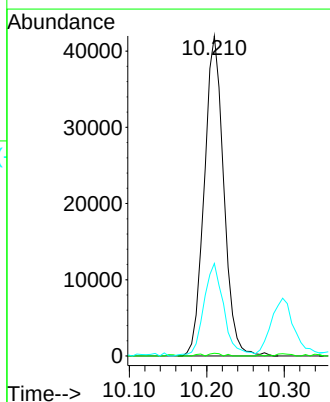
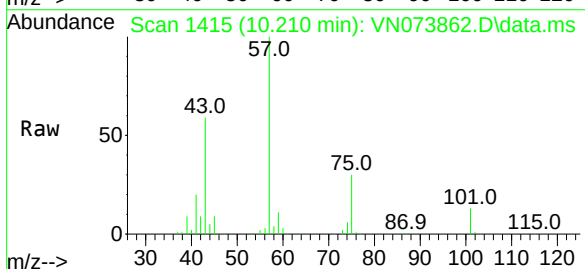
Instrument :
MSVOA_N
ClientSampleId :
FMC-0074

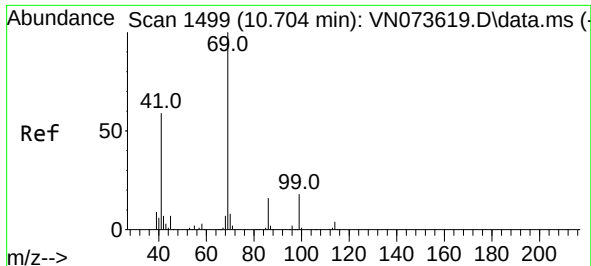
Tgt Ion: 92 Resp: 963608
Ion Ratio Lower Upper
92 100
91 174.8 138.6 207.8



#54
cis-1,3-Dichloropropene
Concen: 8.412 ug/l
RT: 10.210 min Scan# 1415
Delta R.T. 0.082 min
Lab File: VN073862.D
Acq: 12 Aug 2022 19:31

Tgt Ion: 75 Resp: 73106
Ion Ratio Lower Upper
75 100
77 0.8 25.2 37.8#
39 28.5 35.7 53.5#

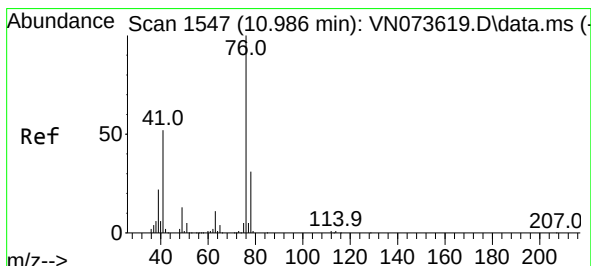
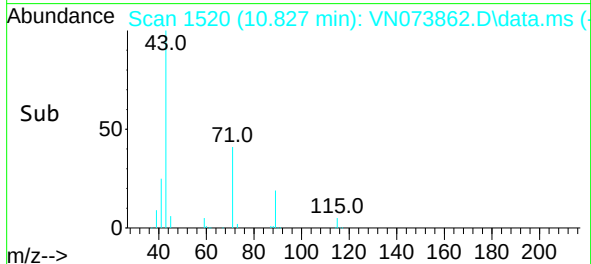
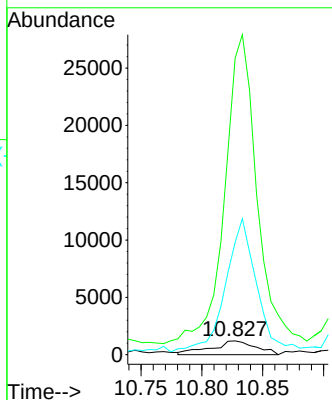
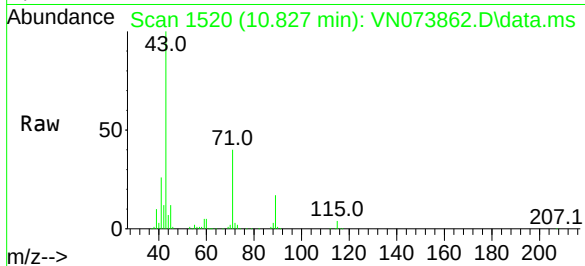




#56
Ethyl methacrylate
Concen: 0.373 ug/l
RT: 10.827 min Scan# 11
Delta R.T. 0.123 min
Lab File: VN073862.D
Acq: 12 Aug 2022 19:31

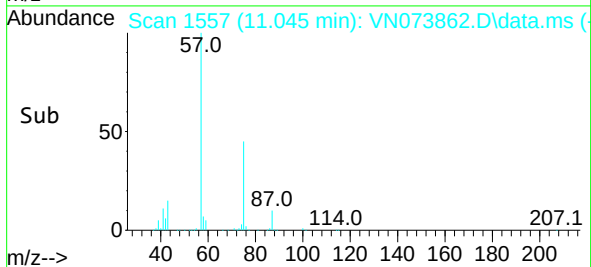
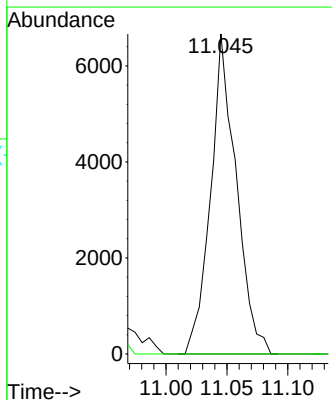
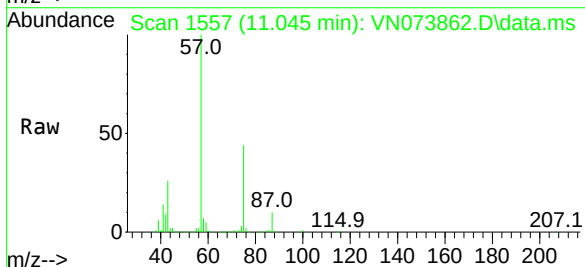
Instrument :
MSVOA_N
ClientSampleId :
FMC-0074

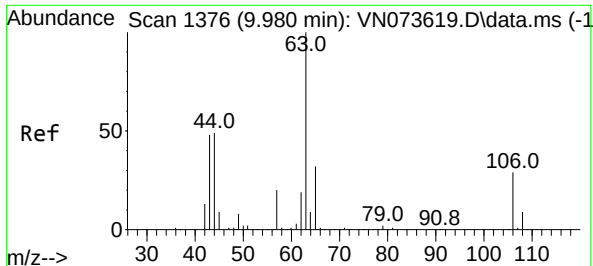
Tgt Ion: 69 Resp: 3072
Ion Ratio Lower Upper
69 100
41 1611.0 47.8 71.6#
39 672.4 27.3 40.9#



#57
1,3-Dichloropropane
Concen: 0.964 ug/l
RT: 11.045 min Scan# 1557
Delta R.T. 0.059 min
Lab File: VN073862.D
Acq: 12 Aug 2022 19:31

Tgt Ion: 76 Resp: 9772
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#





#58

2-Chloroethyl Vinyl ether

Concen: 9.970 ug/l

RT: 10.292 min Scan# 1429

Delta R.T. 0.312 min

Lab File: VN073862.D

Acq: 12 Aug 2022 19:31

Instrument :

MSVOA_N

ClientSampleId :

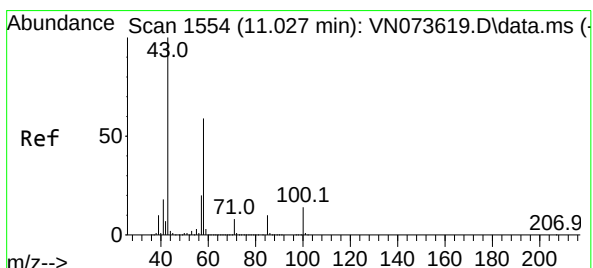
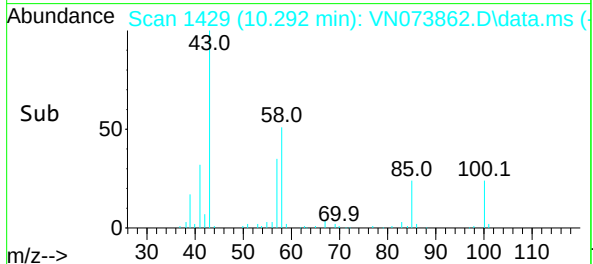
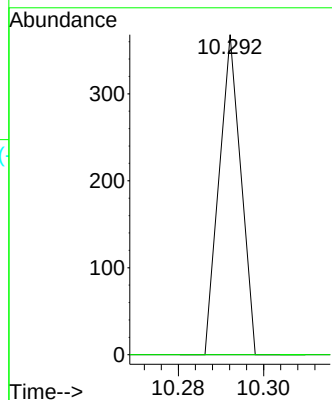
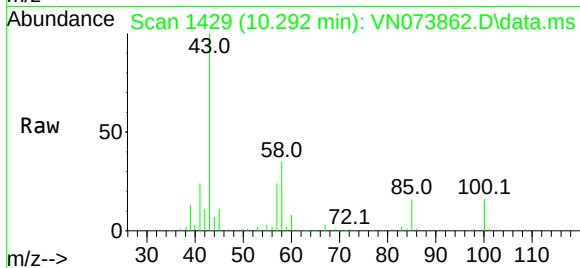
FMC-0074

Tgt Ion: 63 Resp: 130

Ion Ratio Lower Upper

63 100

106 0.0 24.6 36.8#



#59

2-Hexanone

Concen: 21.626 ug/l

RT: 11.045 min Scan# 1557

Delta R.T. 0.018 min

Lab File: VN073862.D

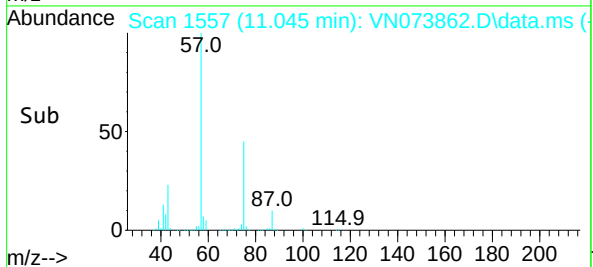
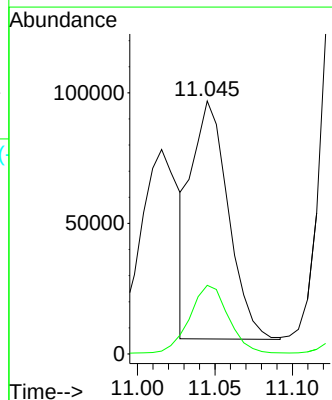
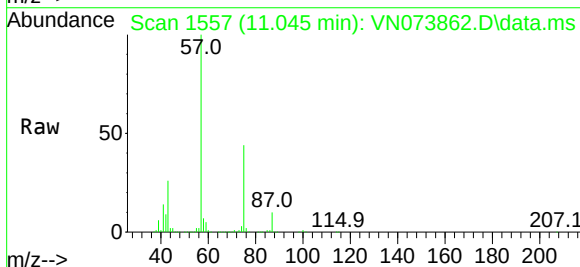
Acq: 12 Aug 2022 19:31

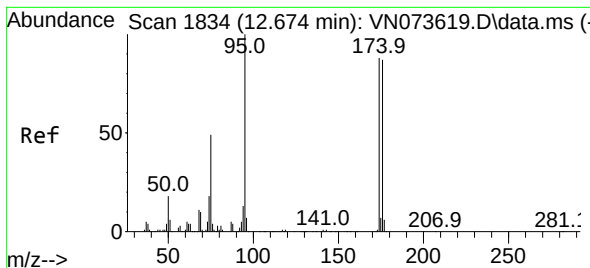
Tgt Ion: 43 Resp: 150933

Ion Ratio Lower Upper

43 100

58 30.4 29.7 89.1

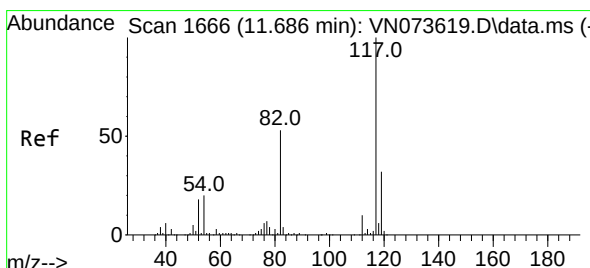
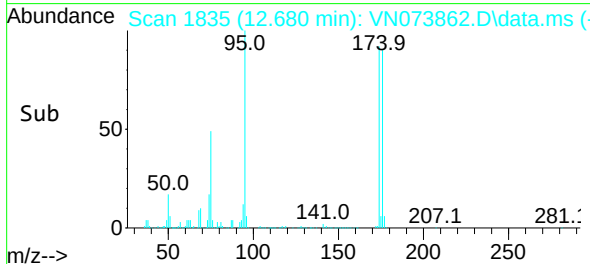
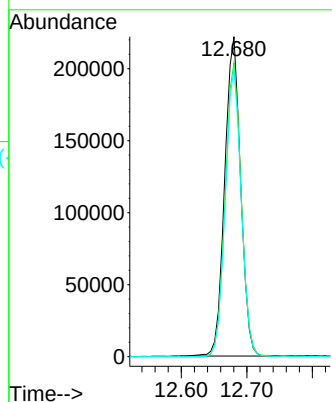
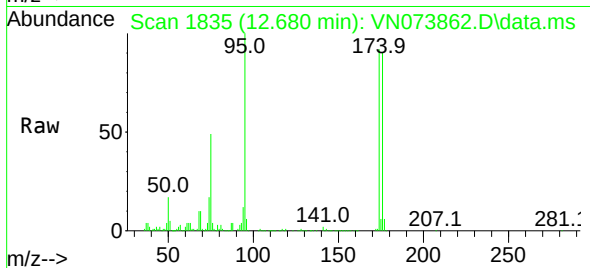




#62
4-Bromofluorobenzene
Concen: 53.085 ug/l
RT: 12.680 min Scan# 1835
Delta R.T. 0.006 min
Lab File: VN073862.D
Acq: 12 Aug 2022 19:31

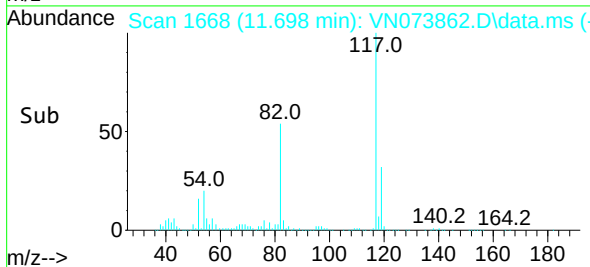
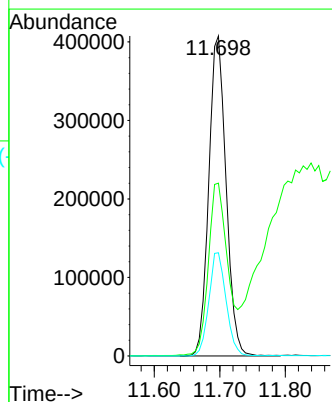
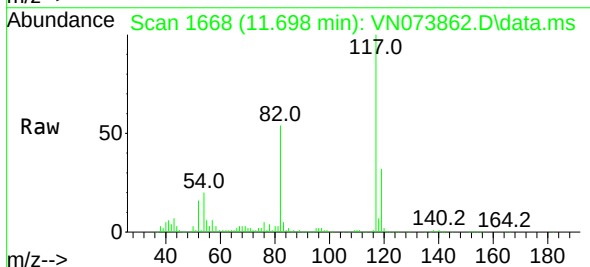
Instrument :
MSVOA_N
ClientSampleId :
FMC-0074

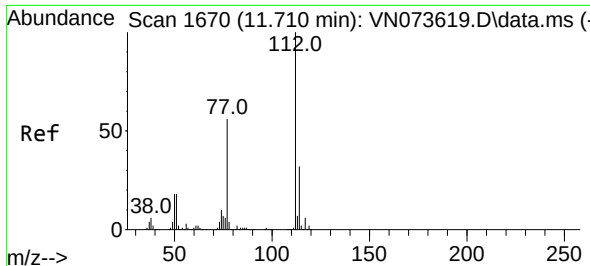
Tgt Ion: 95 Resp: 372764
Ion Ratio Lower Upper
95 100
174 93.1 0.0 167.6
176 89.8 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.698 min Scan# 1668
Delta R.T. 0.012 min
Lab File: VN073862.D
Acq: 12 Aug 2022 19:31

Tgt Ion: 117 Resp: 746924
Ion Ratio Lower Upper
117 100
82 53.6 44.2 66.2
119 32.3 25.4 38.0

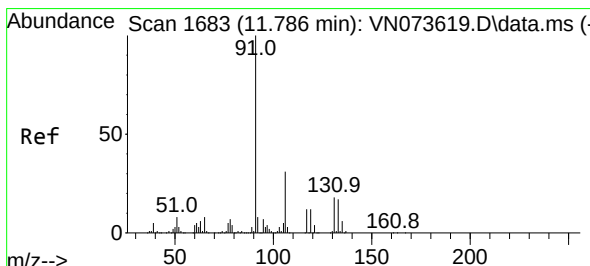
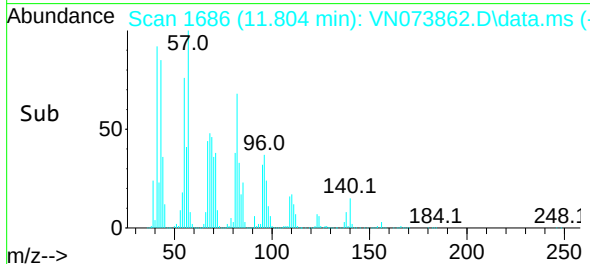
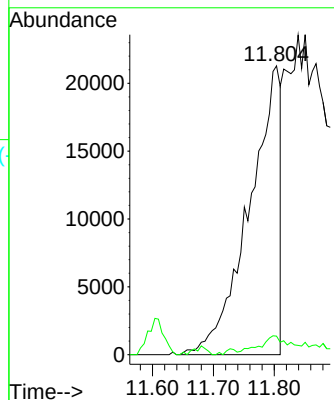
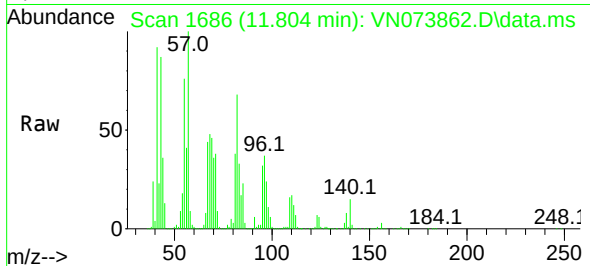




#65
Chlorobenzene
Concen: 4.770 ug/l
RT: 11.804 min Scan# 1686
Delta R.T. 0.094 min
Lab File: VN073862.D
Acq: 12 Aug 2022 19:31

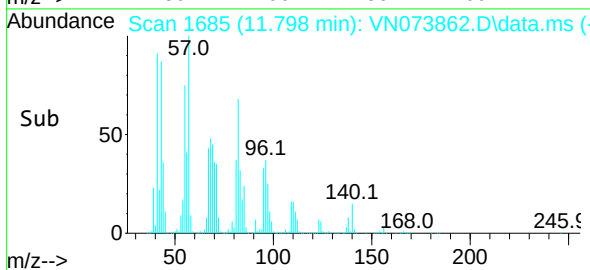
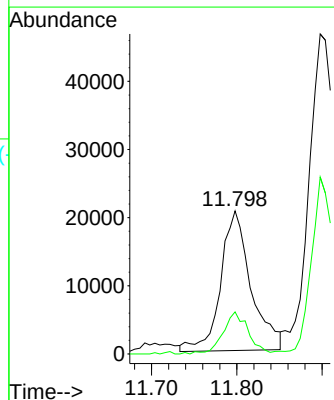
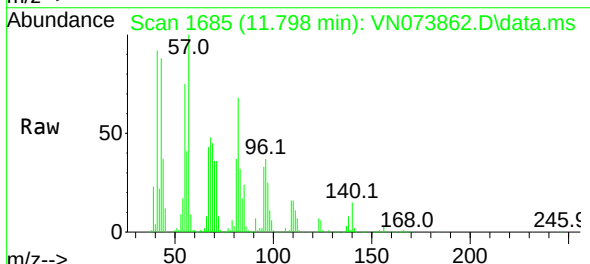
Instrument :
MSVOA_N
ClientSampleId :
FMC-0074

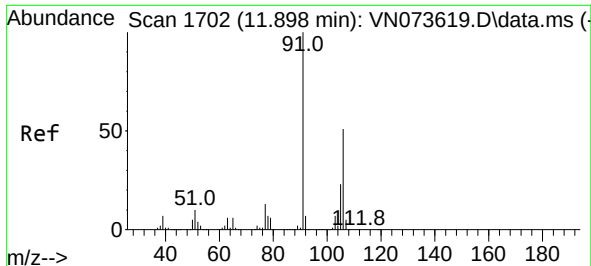
Tgt Ion:112 Resp: 75671
Ion Ratio Lower Upper
112 100
114 6.4 25.4 38.2#



#67
Ethyl Benzene
Concen: 1.905 ug/l
RT: 11.798 min Scan# 1685
Delta R.T. 0.012 min
Lab File: VN073862.D
Acq: 12 Aug 2022 19:31

Tgt Ion: 91 Resp: 50987
Ion Ratio Lower Upper
91 100
106 31.3 24.9 37.3

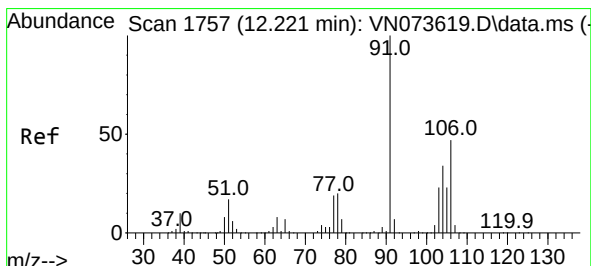
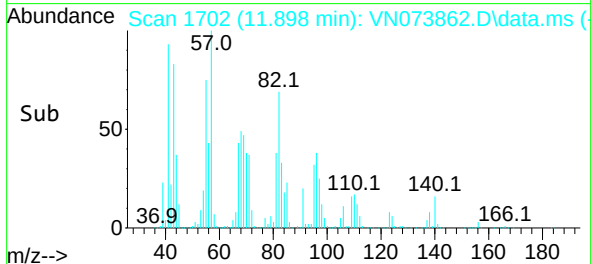
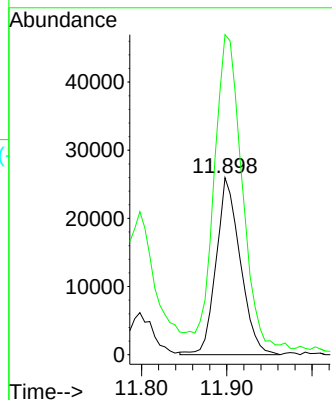
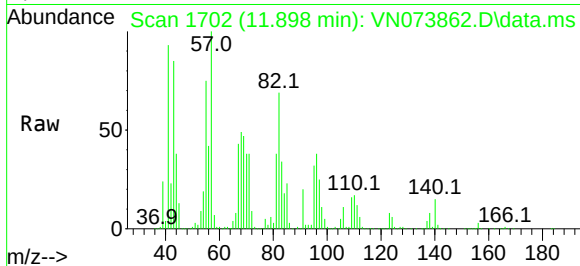




#68
m/p-Xylenes
Concen: 4.995 ug/l
RT: 11.898 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN073862.D
Acq: 12 Aug 2022 19:31

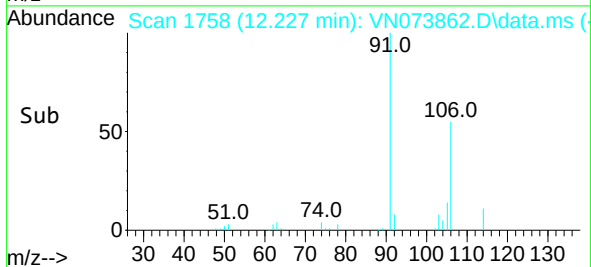
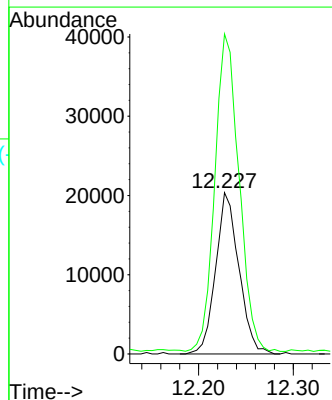
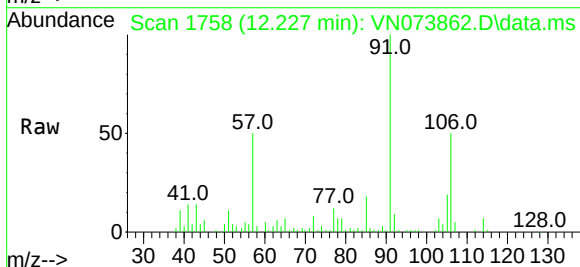
Instrument :
MSVOA_N
ClientSampleId :
FMC-0074

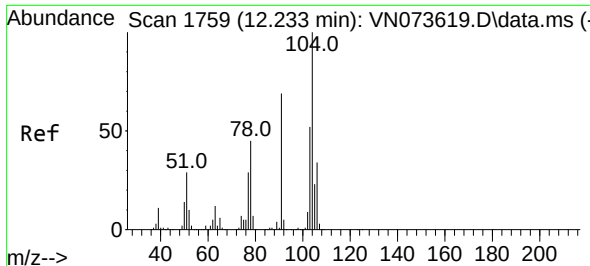
Tgt Ion:106 Resp: 50993
Ion Ratio Lower Upper
106 100
91 203.9 158.9 238.3



#69
o-Xylene
Concen: 3.483 ug/l
RT: 12.227 min Scan# 1758
Delta R.T. 0.006 min
Lab File: VN073862.D
Acq: 12 Aug 2022 19:31

Tgt Ion:106 Resp: 34668
Ion Ratio Lower Upper
106 100
91 204.7 106.0 318.0

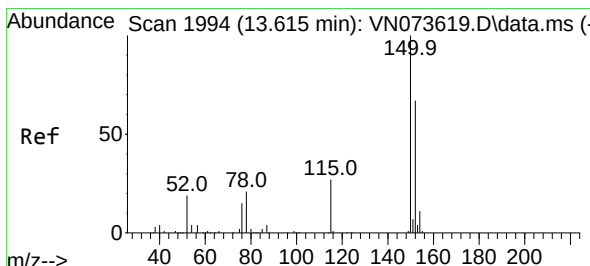
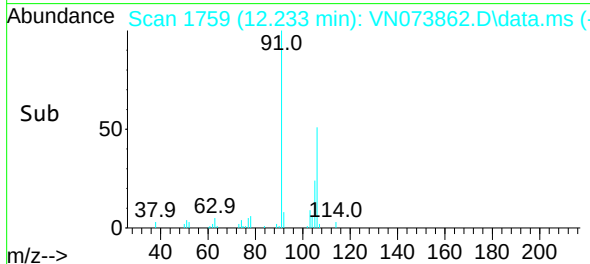
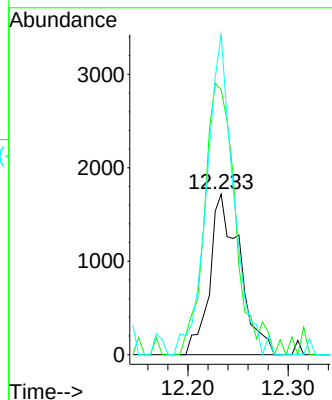
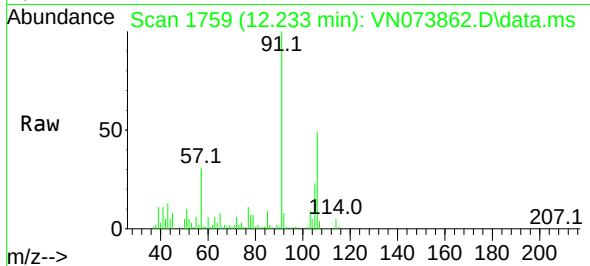




#70
Styrene
Concen: 0.225 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN073862.D
Acq: 12 Aug 2022 19:31

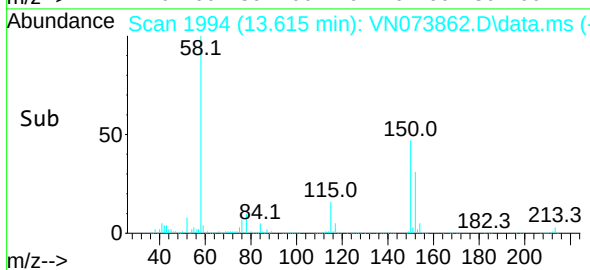
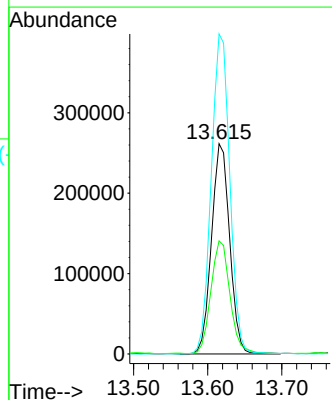
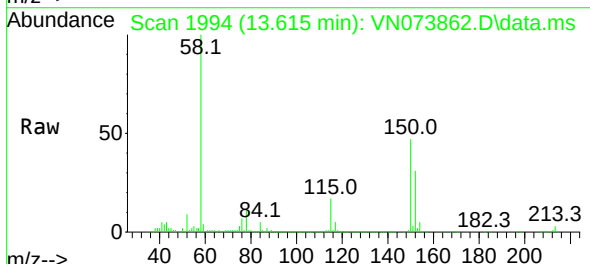
Instrument :
MSVOA_N
ClientSampleId :
FMC-0074

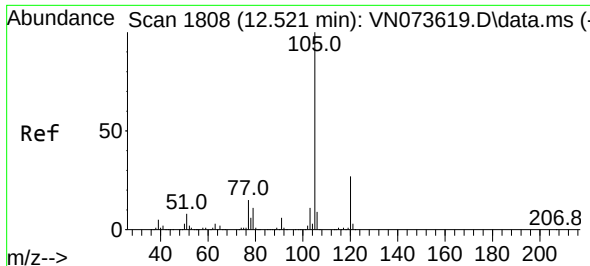
Tgt Ion:104 Resp: 3582
Ion Ratio Lower Upper
104 100
78 175.1 39.5 59.3#
103 180.8 44.0 66.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VN073862.D
Acq: 12 Aug 2022 19:31

Tgt Ion:152 Resp: 446381
Ion Ratio Lower Upper
152 100
115 55.7 28.9 86.7
150 155.0 0.0 356.2

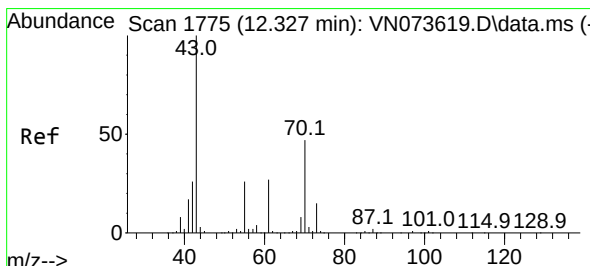
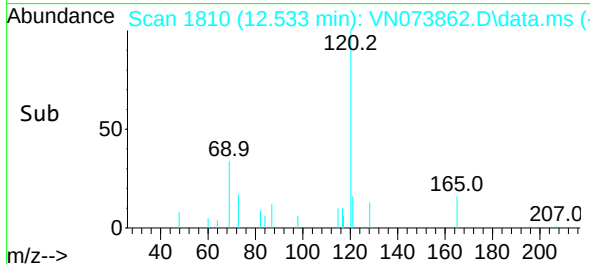
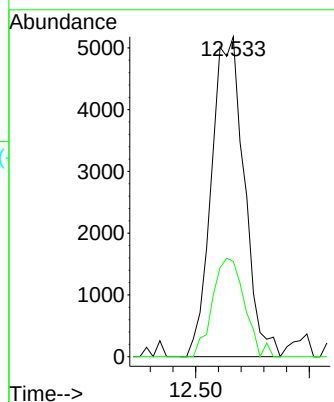
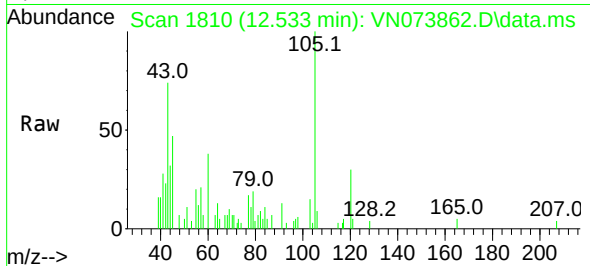




#73
Isopropylbenzene
Concen: 0.316 ug/l
RT: 12.533 min Scan# 1808
Delta R.T. 0.012 min
Lab File: VN073862.D
Acq: 12 Aug 2022 19:31

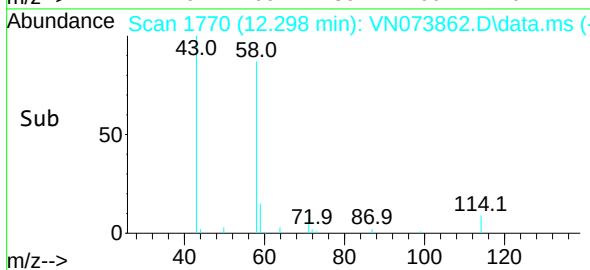
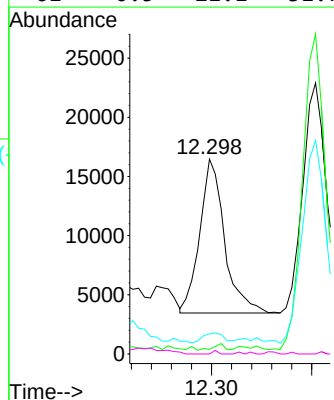
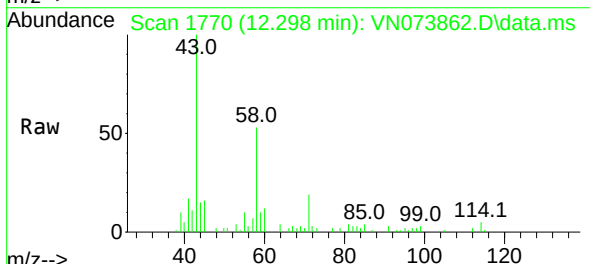
Instrument :
MSVOA_N
ClientSampleId :
FMC-0074

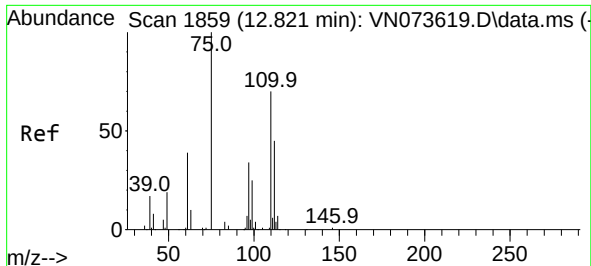
Tgt Ion:105 Resp: 10328
Ion Ratio Lower Upper
105 100
120 30.1 13.5 40.4



#74
N-ethyl acetate
Concen: 1.814 ug/l
RT: 12.298 min Scan# 1770
Delta R.T. -0.029 min
Lab File: VN073862.D
Acq: 12 Aug 2022 19:31

Tgt Ion: 43 Resp: 22392
Ion Ratio Lower Upper
43 100
70 0.0 39.0 58.4#
55 5.4 21.1 31.7#
61 0.5 21.1 31.7#

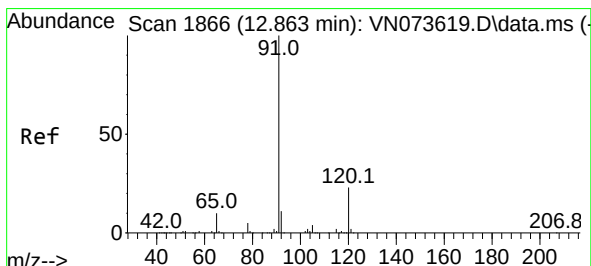
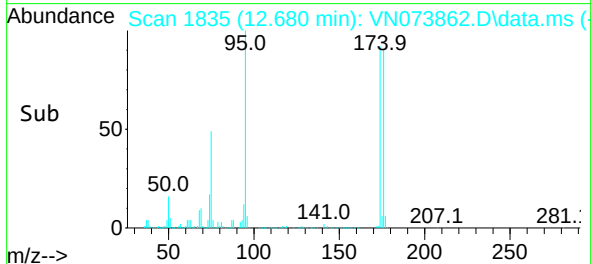
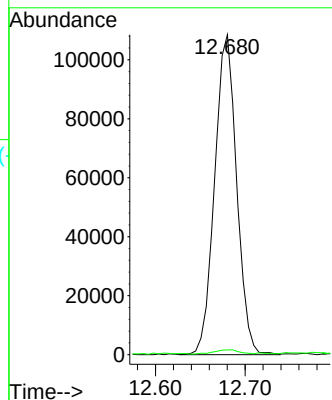
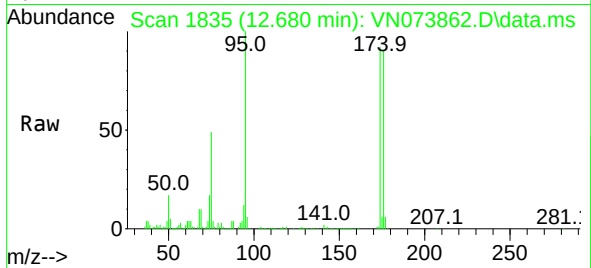




#76
1,2,3-Trichloropropane
Concen: 20.716 ug/l
RT: 12.680 min Scan# 1835
Delta R.T. -0.141 min
Lab File: VN073862.D
Acq: 12 Aug 2022 19:31

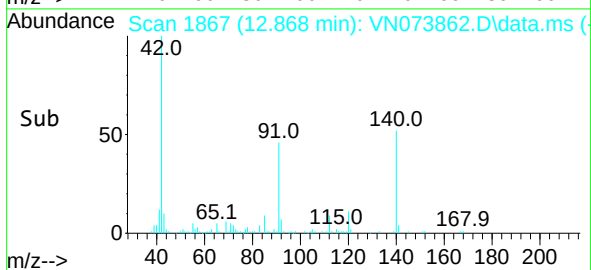
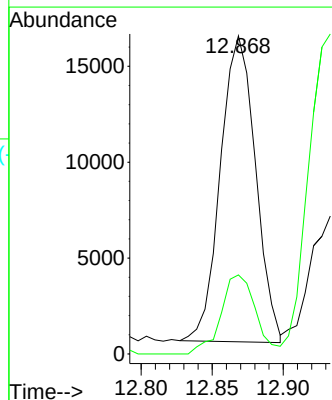
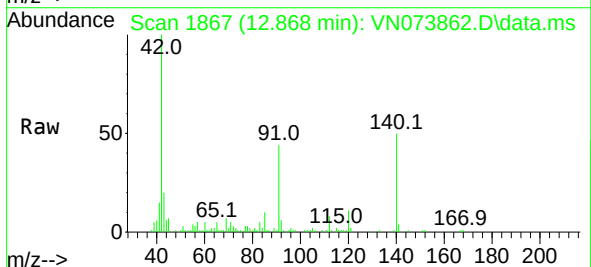
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ClientSampleId :
FMC-0074

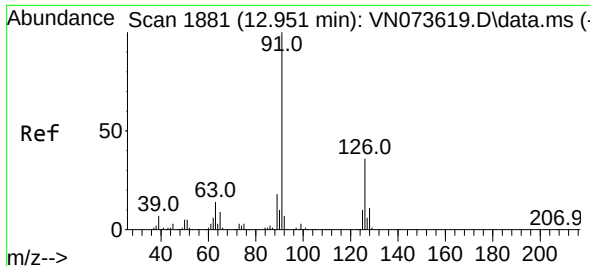
Tgt Ion: 75 Resp: 184842
Ion Ratio Lower Upper
75 100
77 1.5 98.5 295.5#



#78
n-propylbenzene
Concen: 0.747 ug/l
RT: 12.868 min Scan# 1867
Delta R.T. 0.006 min
Lab File: VN073862.D
Acq: 12 Aug 2022 19:31

Tgt Ion: 91 Resp: 27471
Ion Ratio Lower Upper
91 100
120 25.6 11.9 35.5

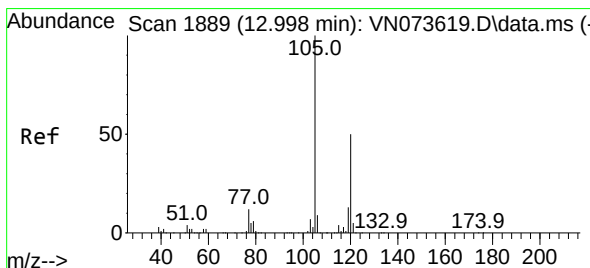
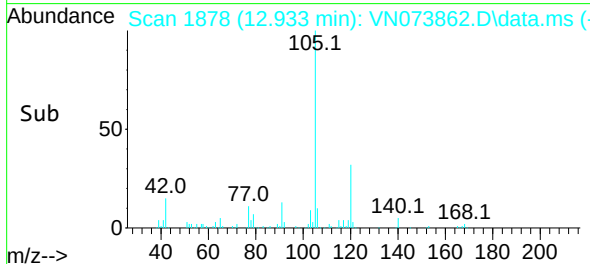
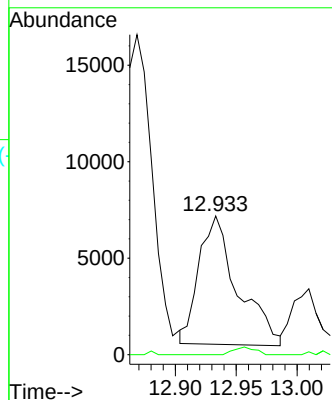
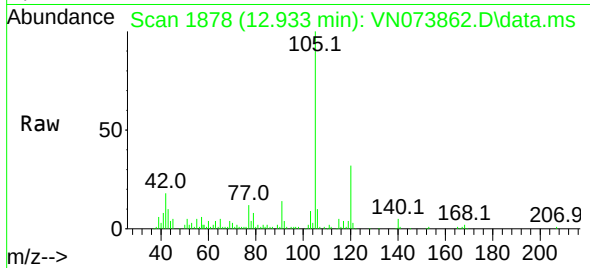




#79
2-Chlorotoluene
Concen: 0.642 ug/l
RT: 12.933 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN073862.D
Acq: 12 Aug 2022 19:31

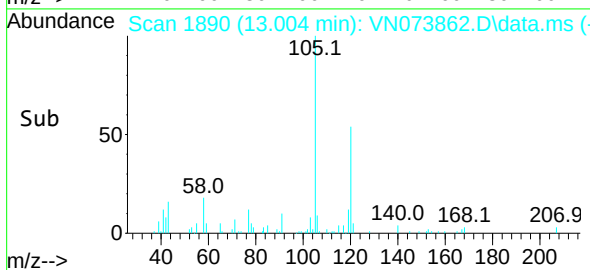
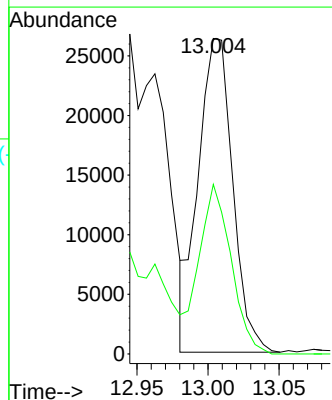
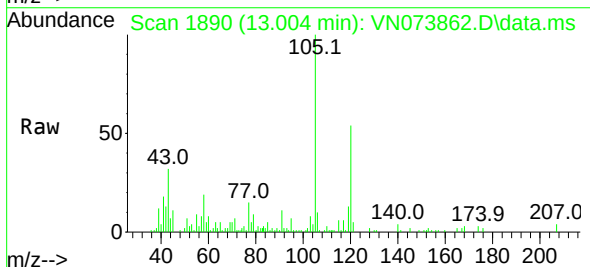
Instrument :
MSVOA_N
ClientSampleId :
FMC-0074

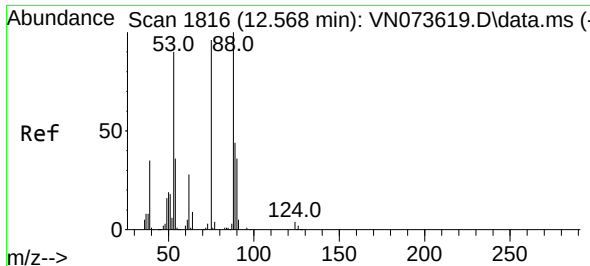
Tgt Ion: 91 Resp: 14727
Ion Ratio Lower Upper
91 100
126 0.0 17.3 51.9#



#80
1,3,5-Trimethylbenzene
Concen: 1.652 ug/l
RT: 13.004 min Scan# 1890
Delta R.T. 0.006 min
Lab File: VN073862.D
Acq: 12 Aug 2022 19:31

Tgt Ion: 105 Resp: 44417
Ion Ratio Lower Upper
105 100
120 50.7 24.9 74.7

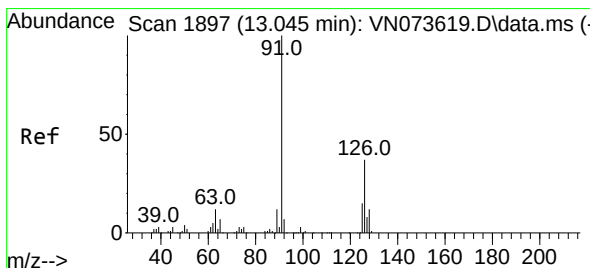
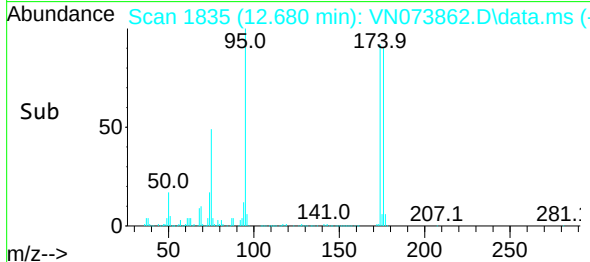
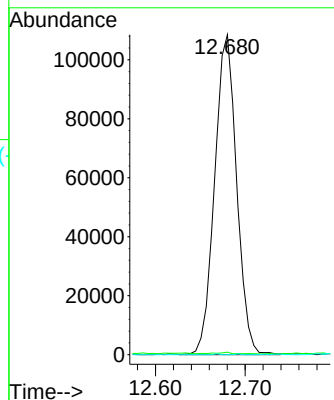
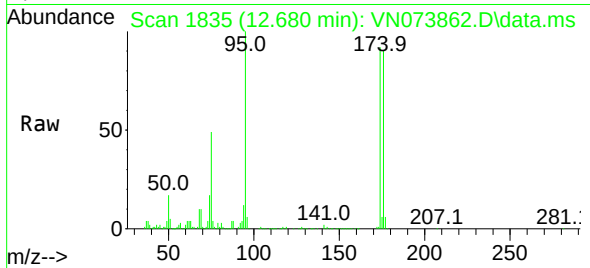




#81
 trans-1,4-Dichloro-2-butene
 Concen: 53.663 ug/l
 RT: 12.680 min Scan# 1835
 Delta R.T. 0.112 min
 Lab File: VN073862.D
 Acq: 12 Aug 2022 19:31

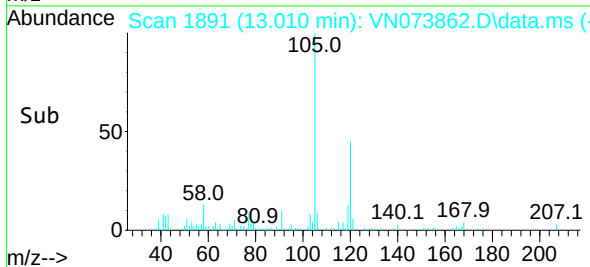
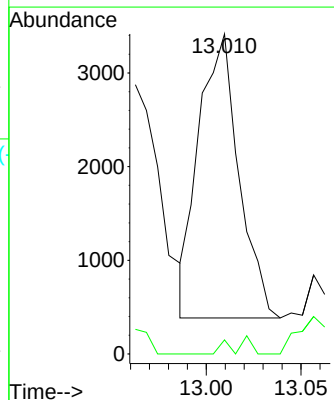
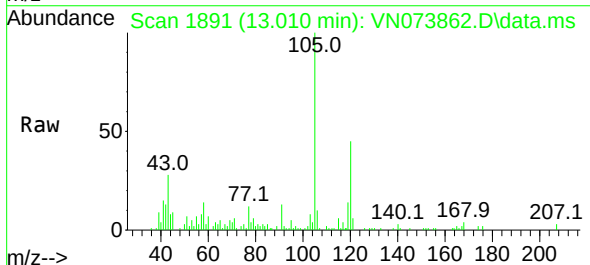
Instrument :
 MSVOA_N
 ClientSampleId :
 FMC-0074

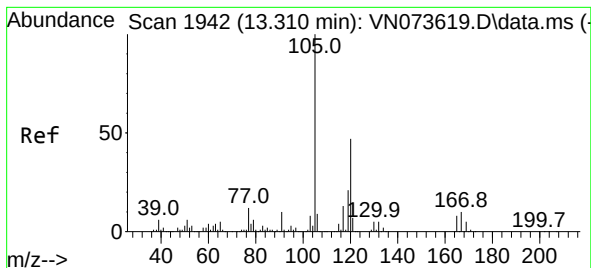
Tgt Ion: 75 Resp: 184842
 Ion Ratio Lower Upper
 75 100
 53 0.5 78.0 117.0#
 89 0.1 37.2 55.8#



#82
 4-Chlorotoluene
 Concen: 0.205 ug/l
 RT: 13.010 min Scan# 1891
 Delta R.T. -0.035 min
 Lab File: VN073862.D
 Acq: 12 Aug 2022 19:31

Tgt Ion: 91 Resp: 4461
 Ion Ratio Lower Upper
 91 100
 126 1.2 17.2 51.6#





#84

1,2,4-Trimethylbenzene

Concen: 9.066 ug/l

RT: 13.310 min Scan# 1942

Delta R.T. -0.000 min

Lab File: VN073862.D

Acq: 12 Aug 2022 19:31

Instrument :

MSVOA_N

ClientSampleId :

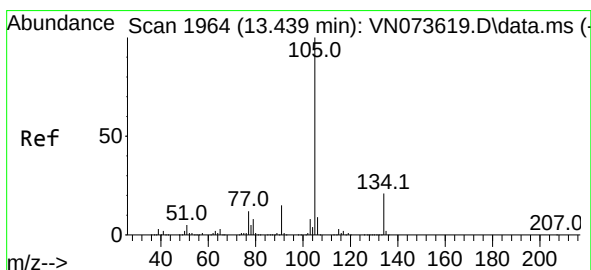
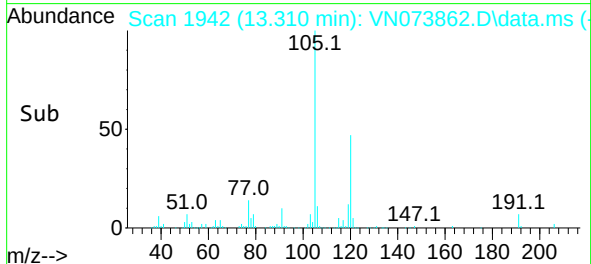
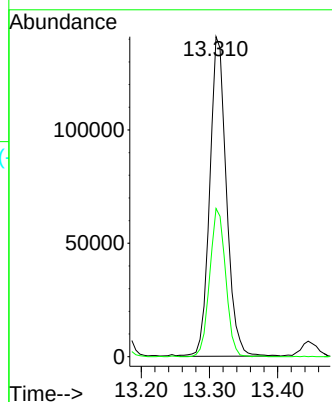
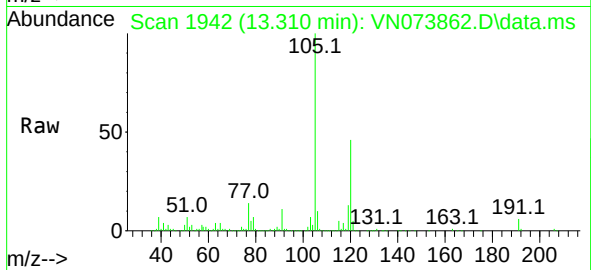
FMC-0074

Tgt Ion:105 Resp: 239708

Ion Ratio Lower Upper

105 100

120 44.2 23.3 69.8



#85

sec-Butylbenzene

Concen: 0.326 ug/l

RT: 13.445 min Scan# 1965

Delta R.T. 0.006 min

Lab File: VN073862.D

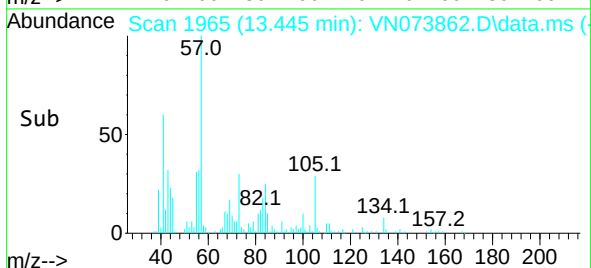
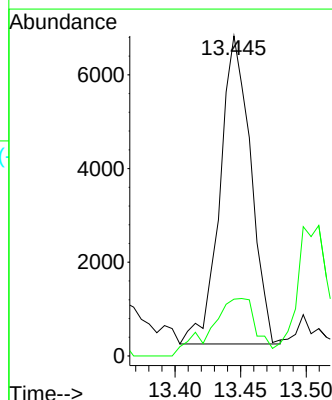
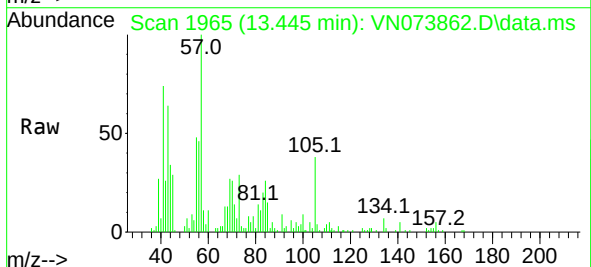
Acq: 12 Aug 2022 19:31

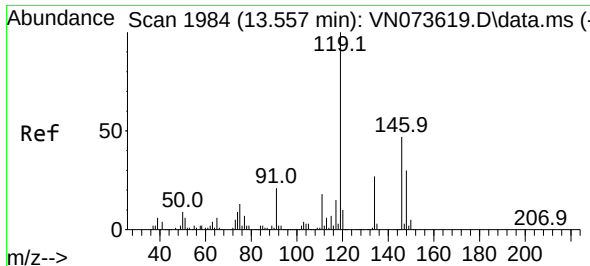
Tgt Ion:105 Resp: 10737

Ion Ratio Lower Upper

105 100

134 27.7 10.4 31.1

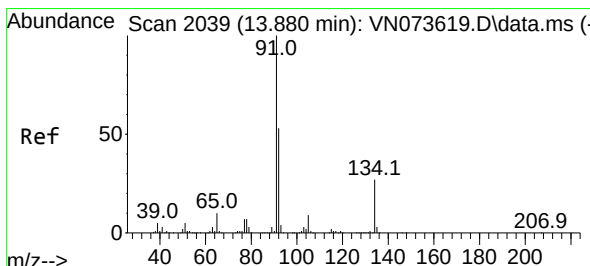
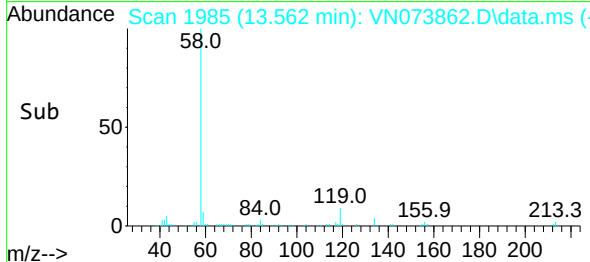
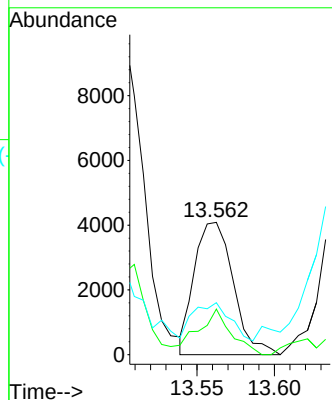
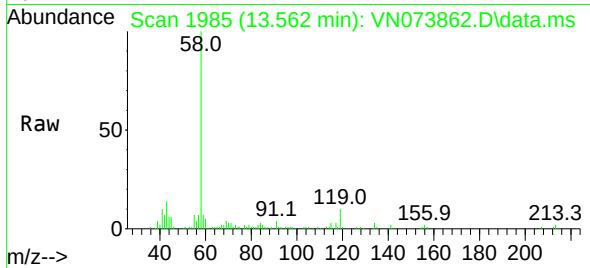




#86
p-Isopropyltoluene
Concen: 0.275 ug/l
RT: 13.562 min Scan# 1985
Delta R.T. 0.006 min
Lab File: VN073862.D
Acq: 12 Aug 2022 19:31

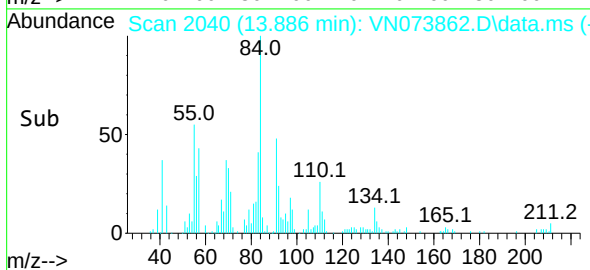
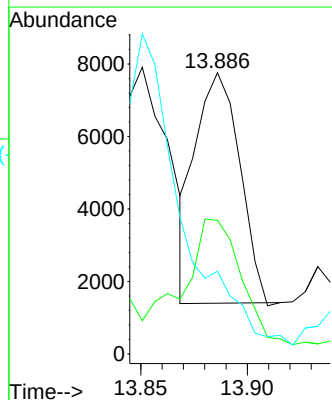
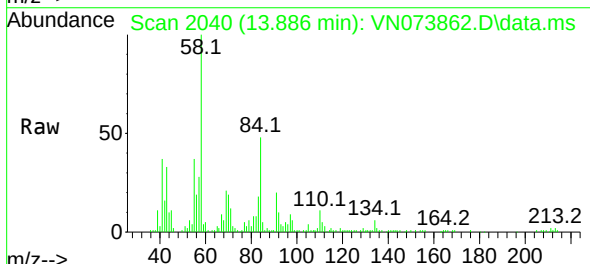
Instrument :
MSVOA_N
ClientSampleId :
FMC-0074

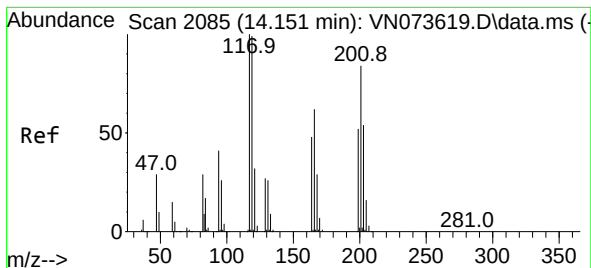
Tgt Ion:119 Resp: 7136
Ion Ratio Lower Upper
119 100
134 29.7 13.3 39.8
91 27.2 11.3 33.9



#89
n-Butylbenzene
Concen: 0.433 ug/l
RT: 13.886 min Scan# 2040
Delta R.T. 0.006 min
Lab File: VN073862.D
Acq: 12 Aug 2022 19:31

Tgt Ion: 91 Resp: 9151
Ion Ratio Lower Upper
91 100
92 71.4 26.9 80.7
134 0.0 13.6 40.8#





#90

Hexachloroethane

Concen: 0.779 ug/l

RT: 14.157 min Scan# 2086

Delta R.T. 0.006 min

Lab File: VN073862.D

Acq: 12 Aug 2022 19:31

Instrument :

MSVOA_N

ClientSampleId :

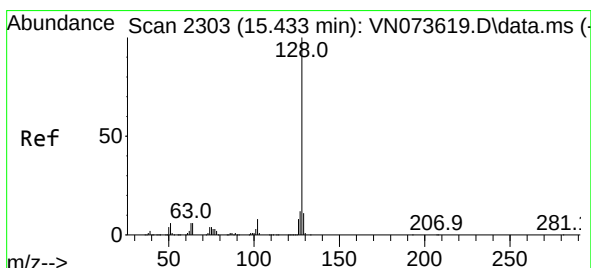
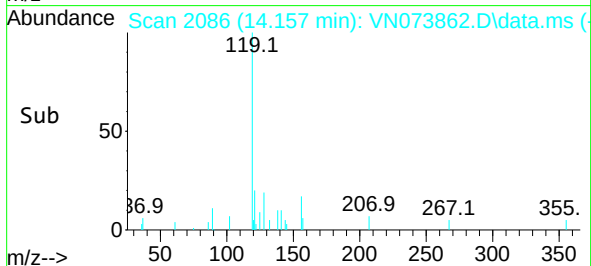
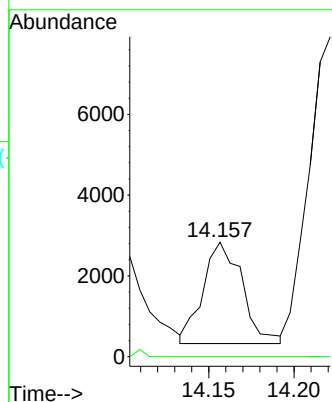
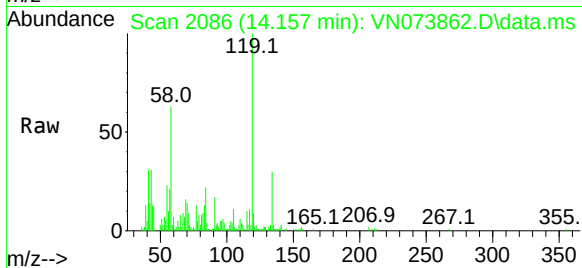
FMC-0074

Tgt Ion:117 Resp: 4012

Ion Ratio Lower Upper

117 100

201 0.0 40.6 122.0#



#95

Naphthalene

Concen: 3.102 ug/l

RT: 15.433 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN073862.D

Acq: 12 Aug 2022 19:31

Tgt Ion:128 Resp: 78671

Ion Ratio Lower Upper

128 100

127 13.8 10.3 15.5

129 11.1 8.6 13.0

