

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)

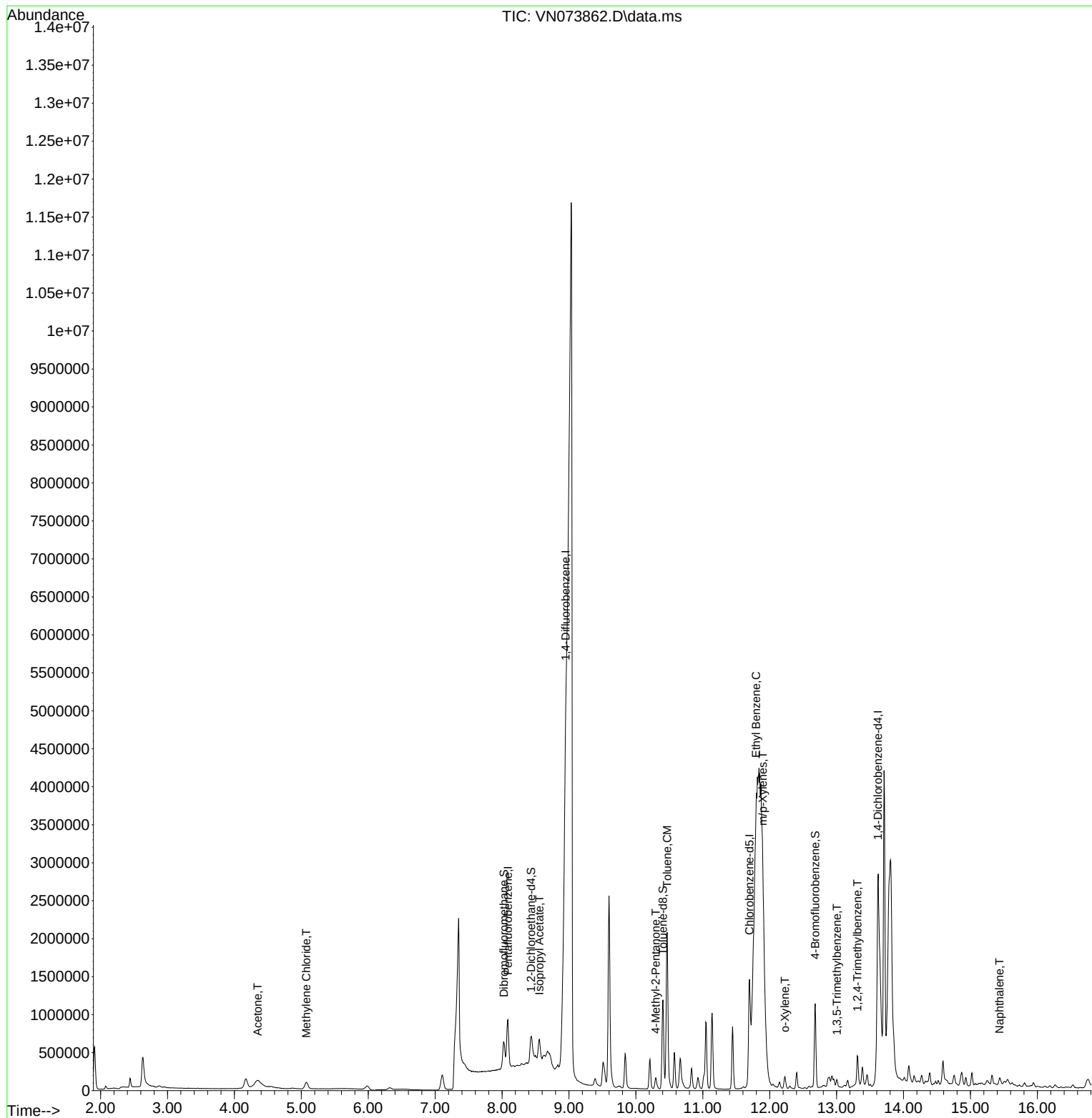
Internal Standards						
1) Pentafluorobenzene	8.086	168	514133	50.000	ug/l	0.07
34) 1,4-Difluorobenzene	8.951	114	806775	50.000	ug/l	0.05
63) Chlorobenzene-d5	11.698	117	746924	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.615	152	446381	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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	
16) Acetone	4.345	43	556082	165.241	ug/l	93
20) Methylene Chloride	5.075	84	78215	12.724	ug/l	95
43) Isopropyl Acetate	8.557	43	289505	22.541	ug/l #	92
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
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
80) 1,3,5-Trimethylbenzene	13.004	105	44417	1.652	ug/l	99
84) 1,2,4-Trimethylbenzene	13.310	105	239708	9.066	ug/l	97
95) Naphthalene	15.433	128	78671	3.102	ug/l	98

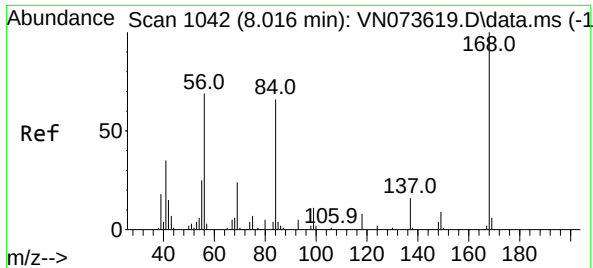
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

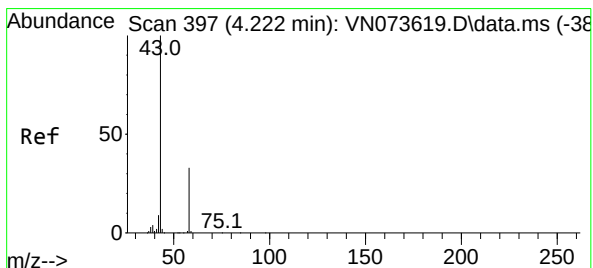
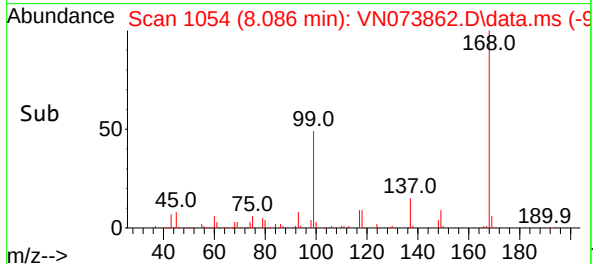
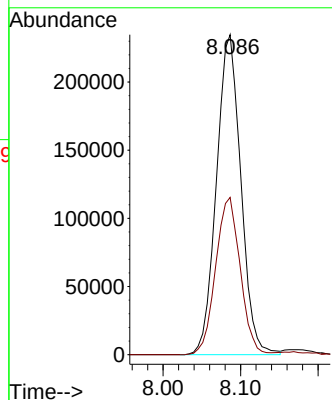
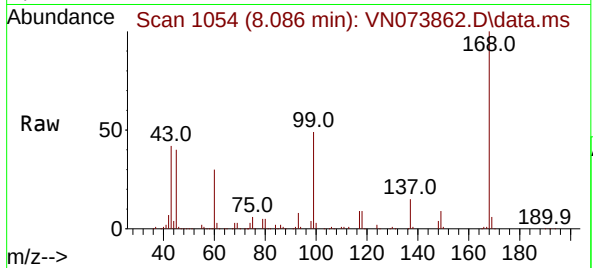




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1
Delta R.T. 0.070 min
Lab File: VN073862.D
Acq: 12 Aug 2022 19:31

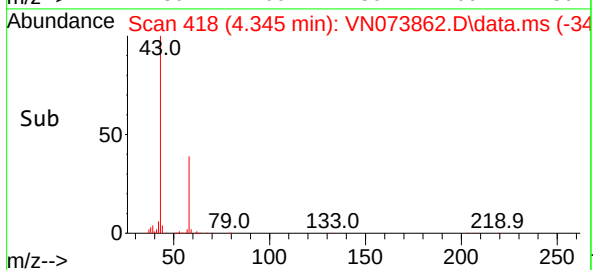
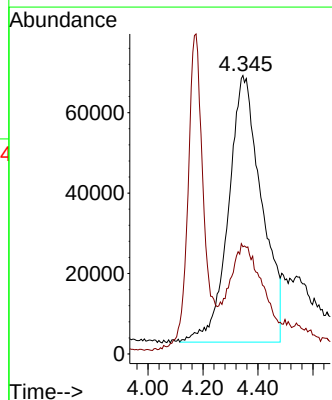
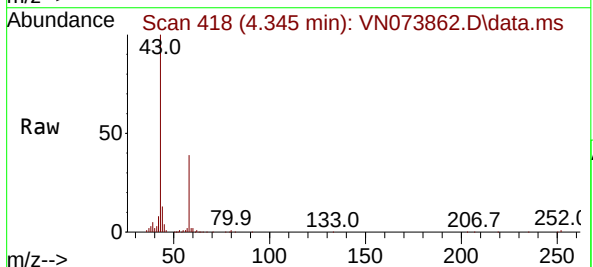
Instrument :
MSVOA_N
ClientSampleId :
FMC-0074

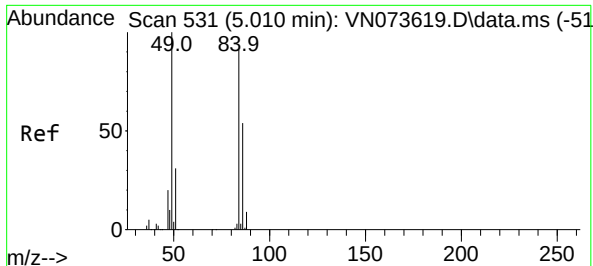
Tgt Ion:168 Resp: 514133
Ion Ratio Lower Upper
168 100
99 49.2 42.3 63.5



#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

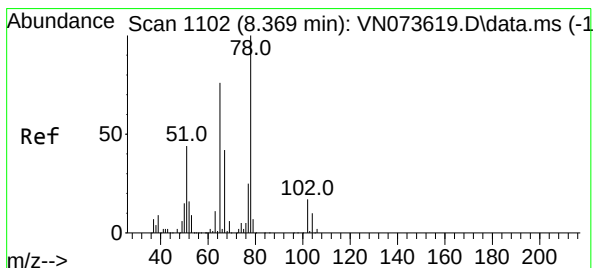
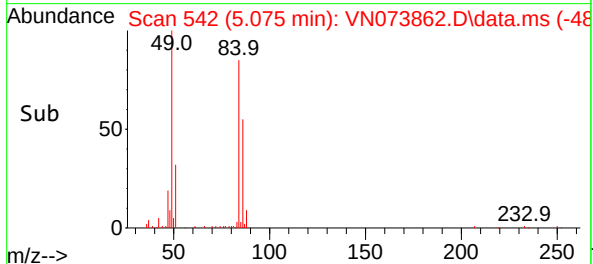
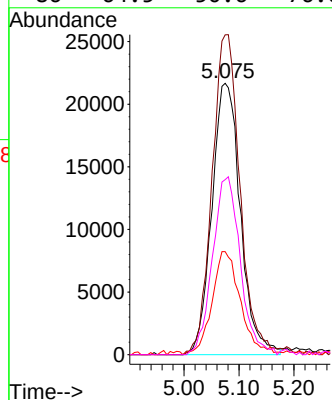
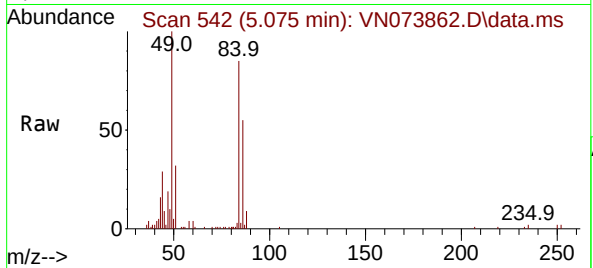




#20
Methylene Chloride
Concen: 12.724 ug/l
RT: 5.075 min Scan# 54
Delta R.T. 0.065 min
Lab File: VN073862.D
Acq: 12 Aug 2022 19:31

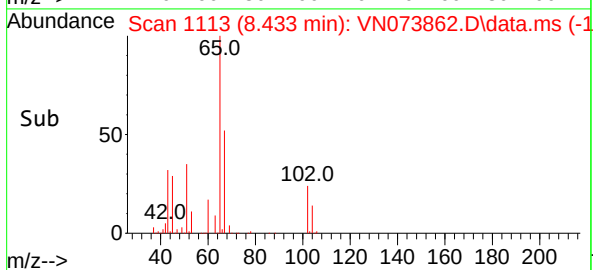
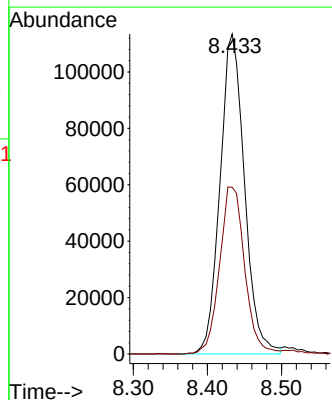
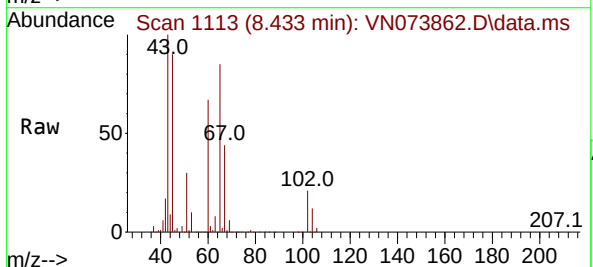
Instrument :
MSVOA_N
ClientSampleId :
FMC-0074

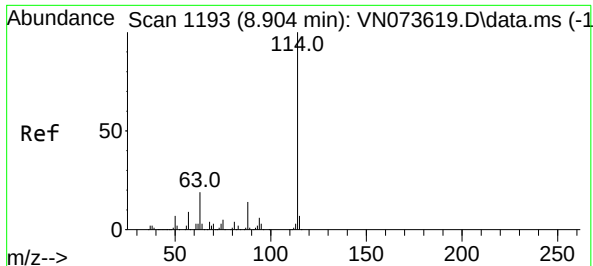
Tgt Ion:	84	Resp:	78215
Ion	Ratio	Lower	Upper
84	100		
49	117.8	88.3	132.5
51	37.0	28.2	42.2
86	64.5	50.6	76.0



#33
1,2-Dichloroethane-d4
Concen: 41.574 ug/l
RT: 8.433 min Scan# 1113
Delta R.T. 0.065 min
Lab File: VN073862.D
Acq: 12 Aug 2022 19:31

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# 11

Delta R.T. 0.047 min

Lab File: VN073862.D

Acq: 12 Aug 2022 19:31

Instrument :

MSVOA_N

ClientSampleId :

FMC-0074

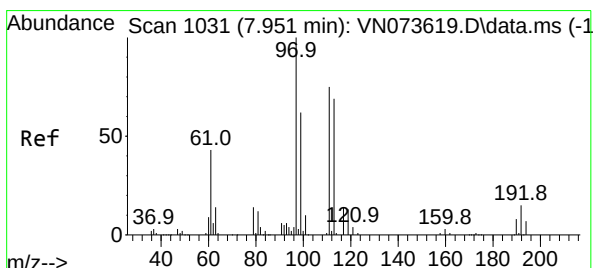
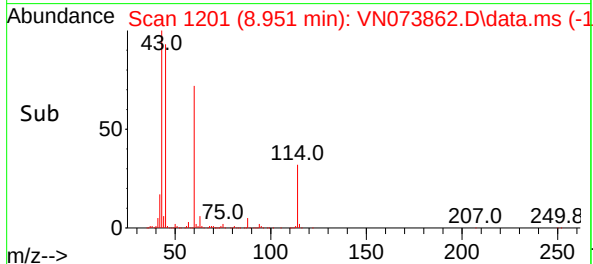
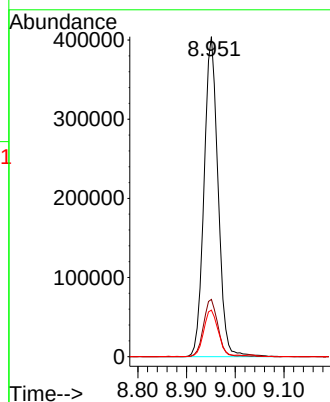
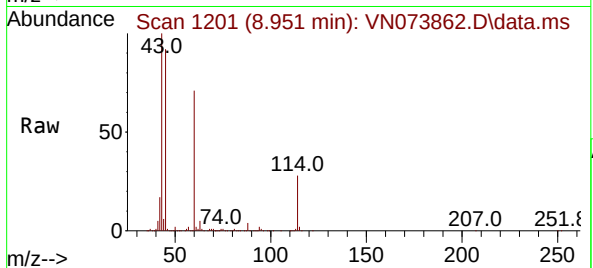
Tgt Ion:114 Resp: 806775

Ion Ratio Lower Upper

114 100

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

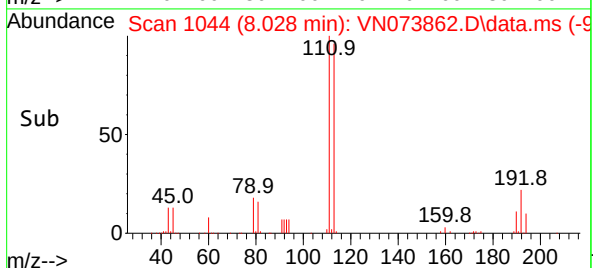
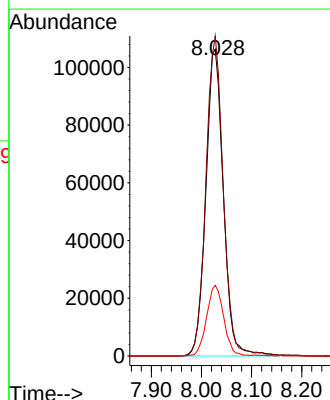
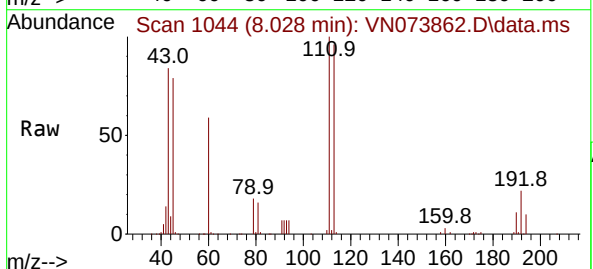
Tgt Ion:113 Resp: 258420

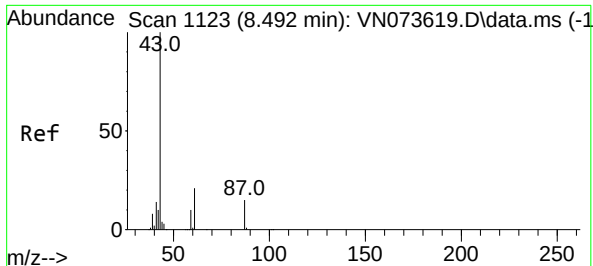
Ion Ratio Lower Upper

113 100

111 103.5 81.4 122.0

192 22.5 17.0 25.6





#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

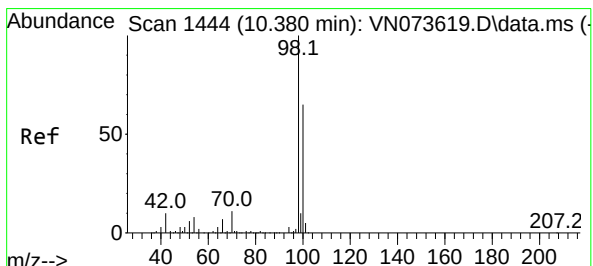
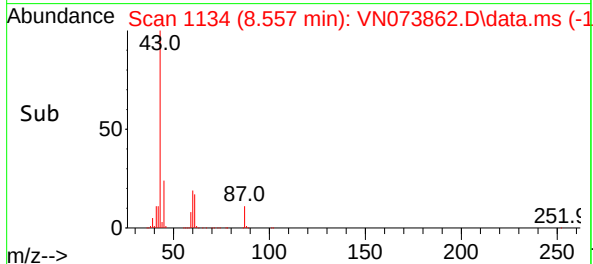
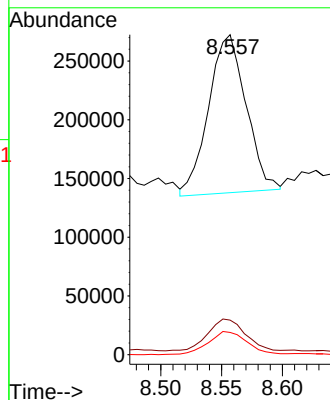
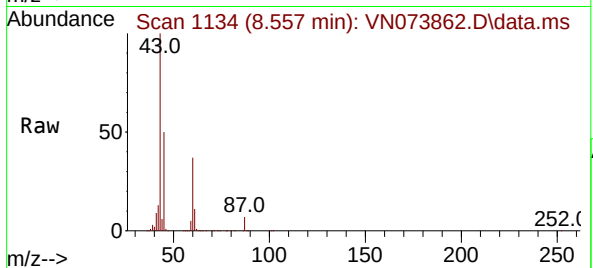
Tgt Ion: 43 Resp: 289505

Ion Ratio Lower Upper

43 100

61 20.8 21.9 32.9#

87 15.3 12.0 18.0



#50

Toluene-d8

Concen: 42.052 ug/l

RT: 10.404 min Scan# 1448

Delta R.T. 0.023 min

Lab File: VN073862.D

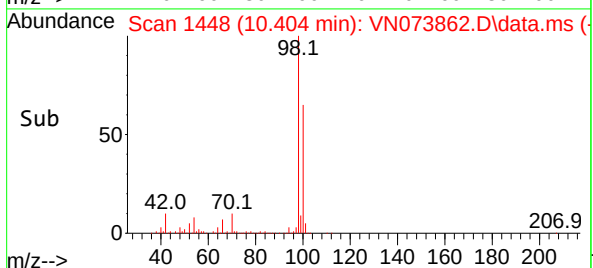
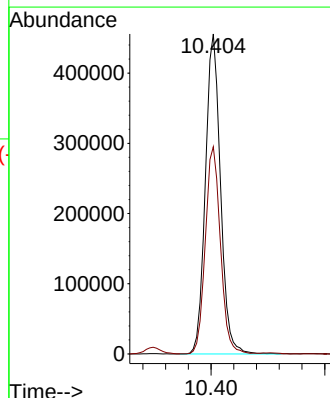
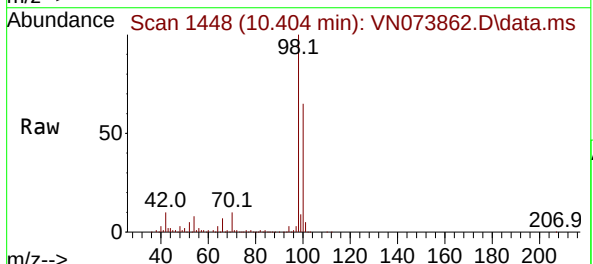
Acq: 12 Aug 2022 19:31

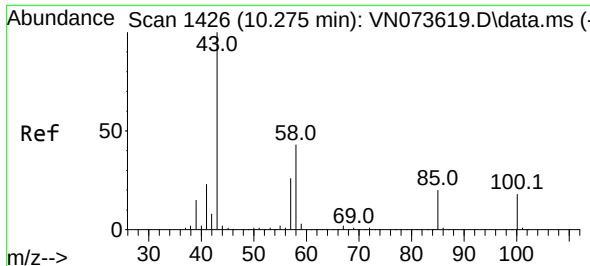
Tgt Ion: 98 Resp: 838326

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

Instrument :

MSVOA_N

ClientSampleId :

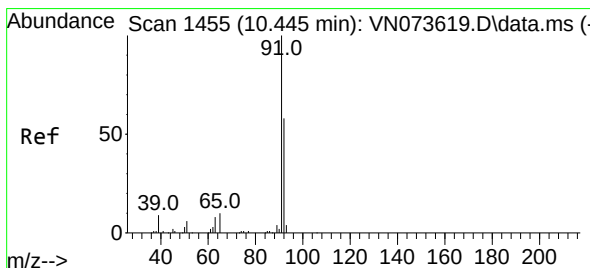
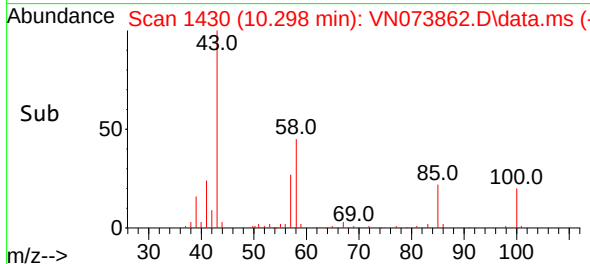
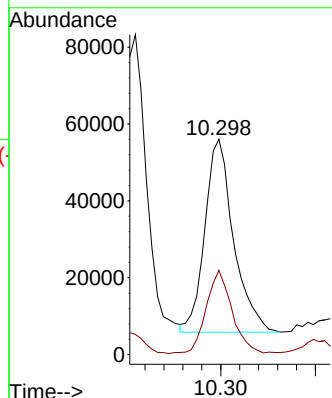
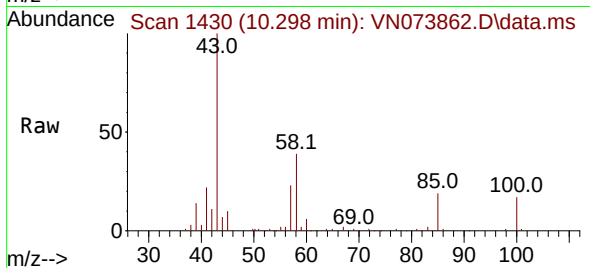
FMC-0074

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

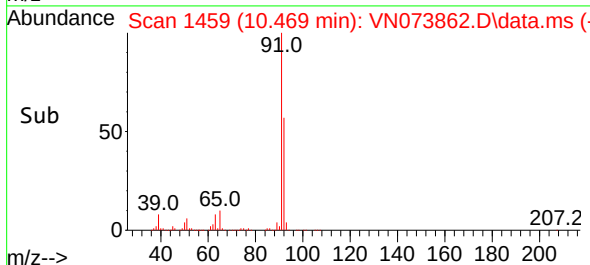
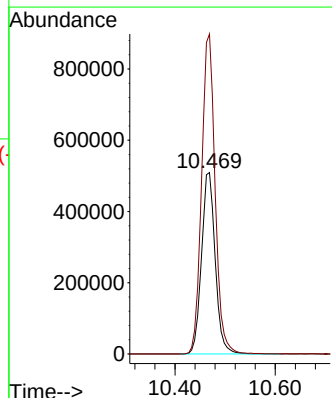
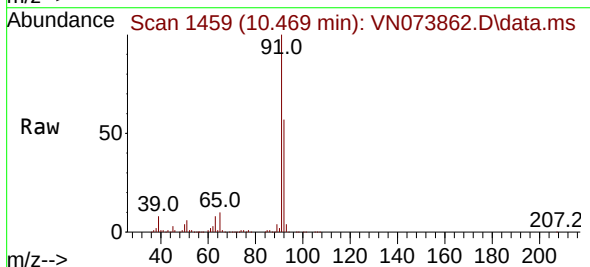
Acq: 12 Aug 2022 19:31

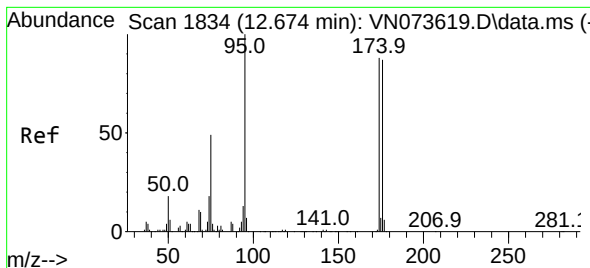
Tgt Ion: 92 Resp: 963608

Ion Ratio Lower Upper

92 100

91 174.8 138.6 207.8

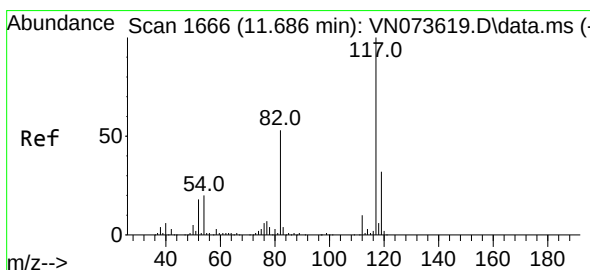
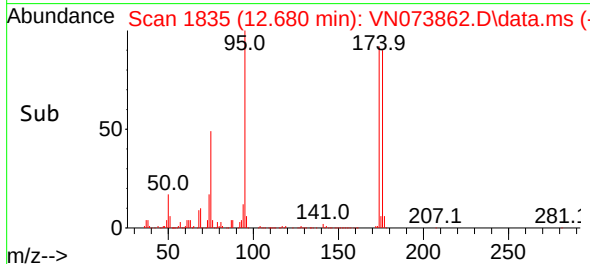
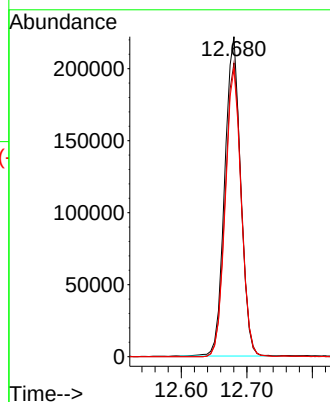
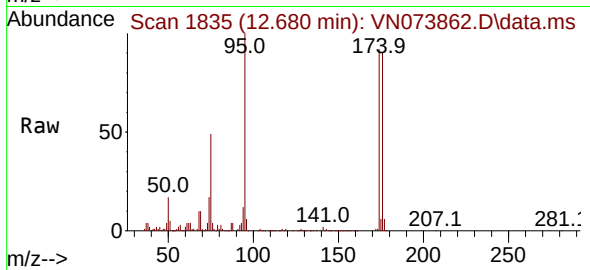




#62
4-Bromofluorobenzene
Concen: 53.085 ug/l
RT: 12.680 min Scan# 1835
Delta R.T. 0.006 min
Lab File: VN073862.D
Acq: 12 Aug 2022 19:31

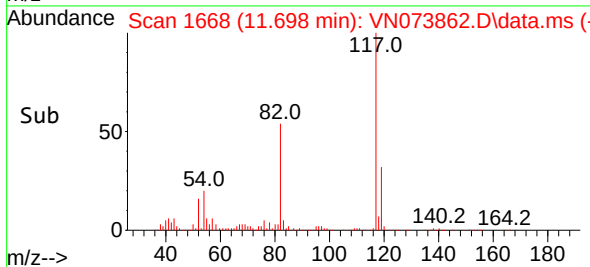
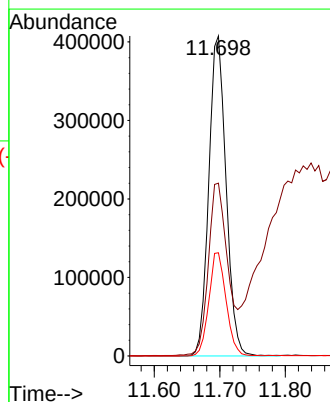
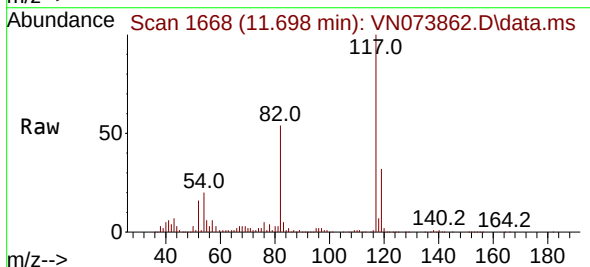
Instrument :
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FMC-0074

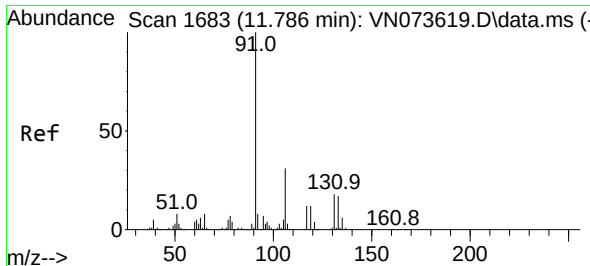
Tgt Ion: 95 Resp: 372764
Ion Ratio Lower Upper
95 100
174 93.1 0.0 167.6
176 89.8 0.0 163.4



#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

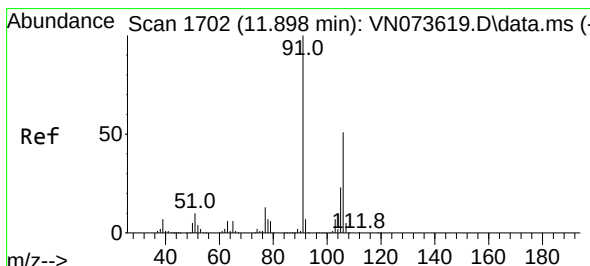
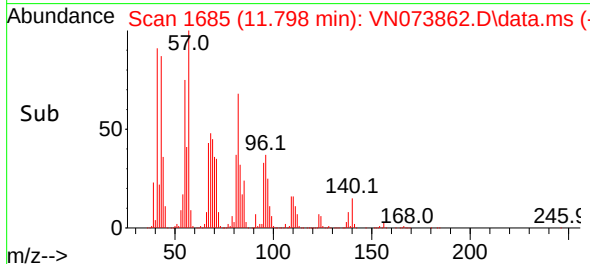
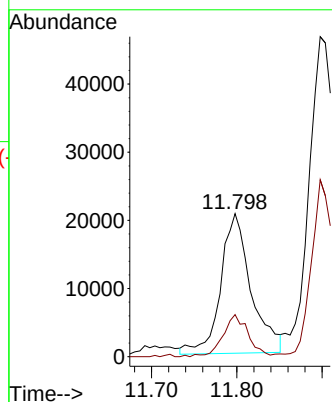
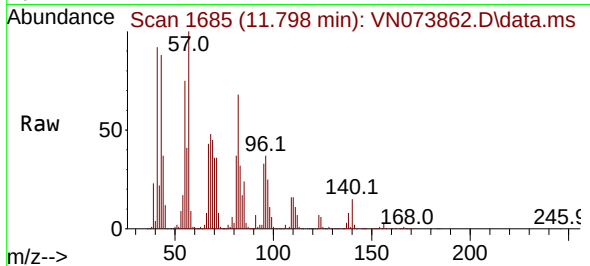




#67
Ethyl Benzene
Concen: 1.905 ug/l
RT: 11.798 min Scan# 1685
Delta R.T. 0.012 min
Lab File: VN073862.D
Acq: 12 Aug 2022 19:31

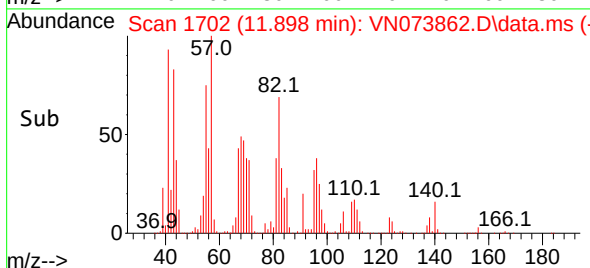
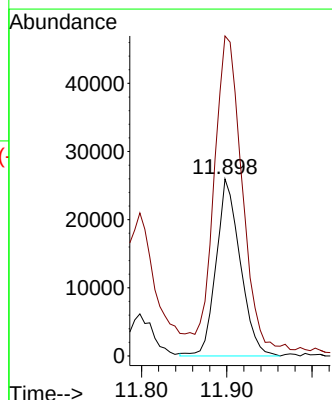
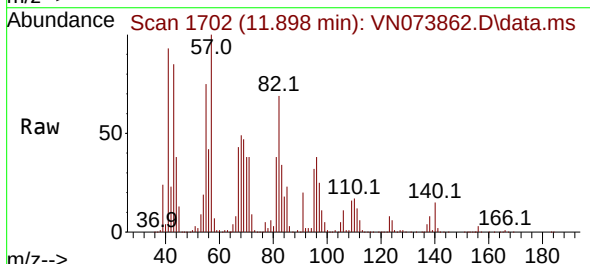
Instrument :
MSVOA_N
ClientSampleId :
FMC-0074

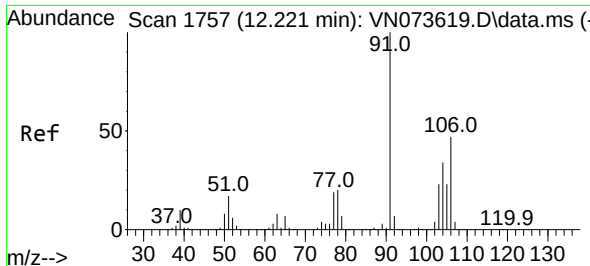
Tgt Ion: 91 Resp: 50987
Ion Ratio Lower Upper
91 100
106 31.3 24.9 37.3



#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

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

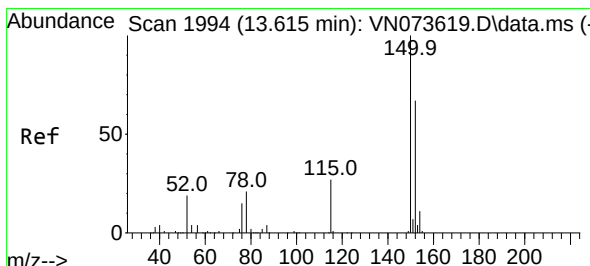
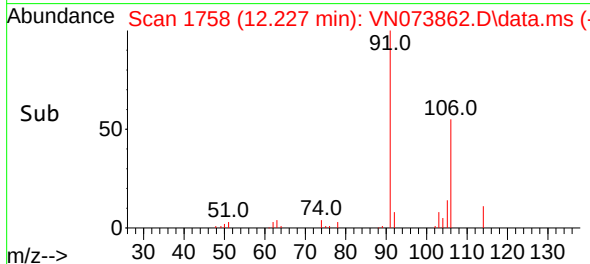
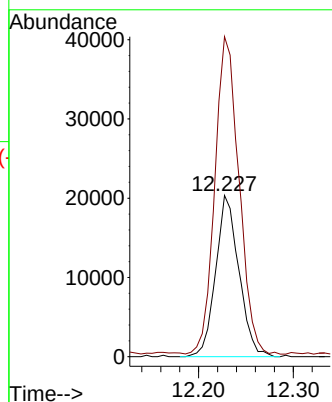
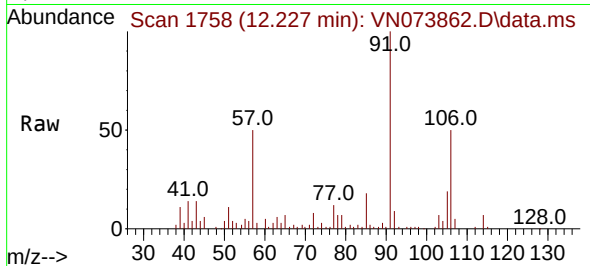




#69
o-Xylene
Concen: 3.483 ug/l
RT: 12.227 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073862.D
Acq: 12 Aug 2022 19:31

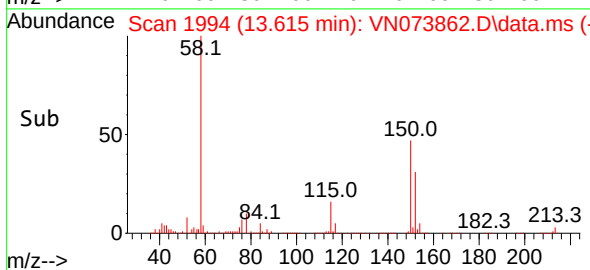
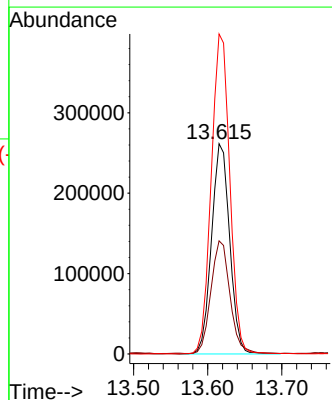
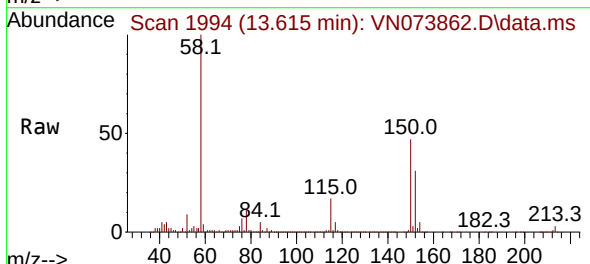
Instrument :
MSVOA_N
ClientSampleId :
FMC-0074

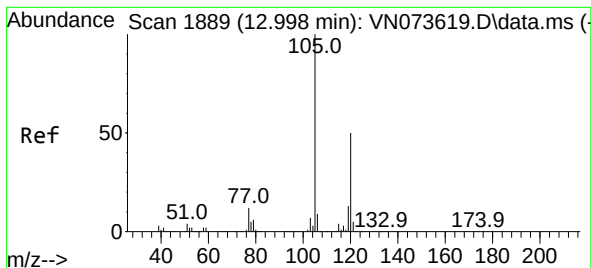
Tgt Ion:106 Resp: 34668
Ion Ratio Lower Upper
106 100
91 204.7 106.0 318.0



#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





#80

1,3,5-Trimethylbenzene

Concen: 1.652 ug/l

RT: 13.004 min Scan# 1889

Delta R.T. 0.006 min

Lab File: VN073862.D

Acq: 12 Aug 2022 19:31

Instrument :

MSVOA_N

ClientSampleId :

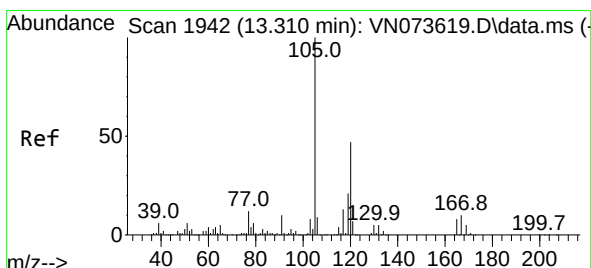
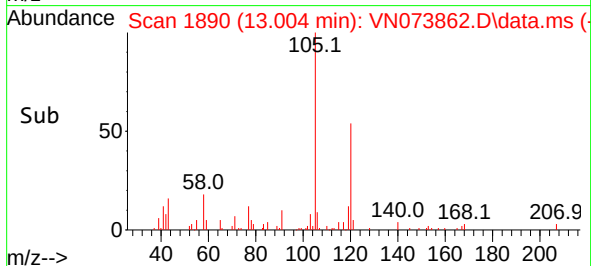
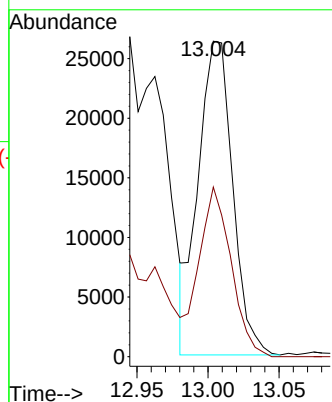
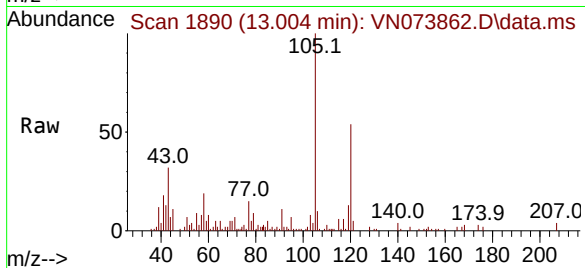
FMC-0074

Tgt Ion:105 Resp: 44417

Ion Ratio Lower Upper

105 100

120 50.7 24.9 74.7



#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

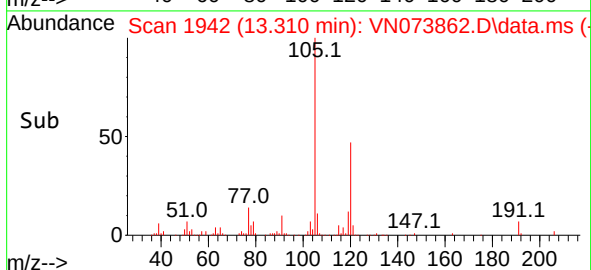
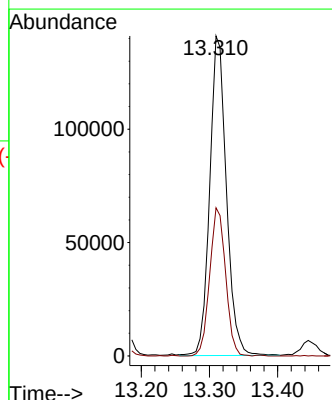
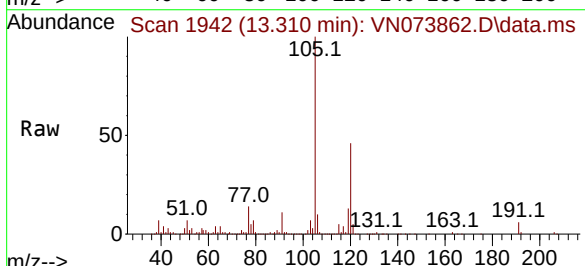
Acq: 12 Aug 2022 19:31

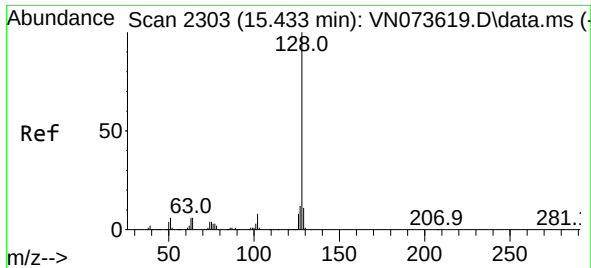
Tgt Ion:105 Resp: 239708

Ion Ratio Lower Upper

105 100

120 44.2 23.3 69.8





#95

Naphthalene

Concen: 3.102 ug/l

RT: 15.433 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN073862.D

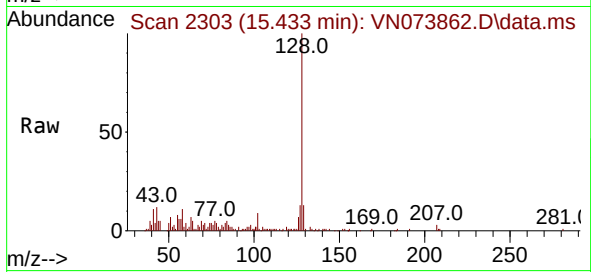
Acq: 12 Aug 2022 19:31

Instrument :

MSVOA_N

ClientSampleId :

FMC-0074



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

